

Iowa: 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)				
IOWA													
31-33	Manufacturing	-	3 804	1 339	222 968	8 125 864	163 122	322 354	5 108 312	31 394 257	33 504 006	165 042 043	1 705 013
311	Food manufacturing	-	509	213	49 869	1 644 465	40 207	85 324	1 193 881	7 832 400	14 239 146	21 940 417	615 242
3111	Animal food manufacturing	-	107	36	3 022	123 534	1 858	3 799	68 138	1 306 342	1 090 358	2 331 551	74 587
31111	Animal food manufacturing	-	107	36	3 022	123 534	1 858	3 799	68 138	1 306 342	1 090 358	2 331 551	74 587
311111	Dog and cat food manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	1	100	32	g	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	45	32	5 589	291 575	3 952	8 609	184 294	1 903 877	4 584 957	6 452 346	147 016
31121	Flour milling and malt manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
311211	Flour milling	-	8	4	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	35	26	3 933	203 643	2 578	5 448	114 049	1 362 177	4 149 517	5 477 400	116 099
311221	Wet corn milling	-	12	11	3 020	169 650	1 877	4 082	92 363	1 005 604	1 676 347	2 666 208	97 798
311222	Soybean processing	-	20	13	f	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	21	3	f	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	-	1	1	e	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	-	1	1	e	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	5	1	c	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	-	5	1	c	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	18	10	3 026	115 444	2 624	5 380	92 363	1 155 389	524 531	1 687 548	90 440
31141	Frozen food manufacturing	-	9	4	1 355	34 157	1 216	2 550	27 280	220 205	193 239	414 817	D
311412	Frozen specialty food manufacturing	-	7	4	g	D	D	D	D	D	D	D	15 590
31142	Fruit and vegetable canning, pickling, and drying	-	9	6	1 671	81 287	1 408	2 830	65 083	935 184	331 292	1 272 731	D
311421	Fruit and vegetable canning ..	-	7	4	f	D	D	D	D	D	D	D	D
311423	Dried and dehydrated food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	30	20	3 496	128 325	2 696	6 086	97 252	423 373	1 110 579	1 541 354	77 234
31151	Dairy product (except frozen) manufacturing	-	26	18	g	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	11	9	1 274	42 260	648	1 511	22 417	161 117	375 332	535 324	14 742
311513	Cheese manufacturing	-	10	6	683	21 347	587	1 113	15 460	100 185	351 015	455 222	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	5	3	c	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	154	64	28 127	771 792	24 563	52 918	624 103	2 052 167	6 032 140	8 044 331	155 496
31161	Animal slaughtering and processing	2	154	64	28 127	771 792	24 563	52 918	624 103	2 052 167	6 032 140	8 044 331	155 496
311611	Animal (except poultry) slaughtering	1	92	27	17 924	470 443	15 766	35 166	388 821	1 168 846	4 493 530	5 644 873	46 765
311612	Meat processed from carcasses	1	44	25	7 414	231 472	6 336	13 368	181 062	711 007	1 259 778	1 952 965	90 341
311613	Rendering and meat byproduct processing	-	9	6	405	14 255	310	596	9 913	71 968	49 335	114 479	6 543
311615	Poultry processing	7	9	6	2 384	55 622	2 151	3 788	44 307	100 346	229 497	332 014	11 847
3118	Bakeries and tortilla manufacturing	-	75	17	2 637	77 328	1 425	2 582	38 021	197 697	144 384	339 106	D
31181	Bread and bakery product manufacturing	-	67	13	1 985	57 165	867	1 283	23 771	122 132	67 444	189 732	D
311811	Retail bakeries	6	48	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	17	7	1 487	50 072	608	962	20 458	107 366	60 139	167 661	D
31182	Cookie, cracker, and pasta manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	57	30	3 326	116 087	2 596	4 861	75 559	745 274	596 707	1 341 774	31 313
31191	Snack food manufacturing	-	7	3	c	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	5	3	195	5 689	157	307	3 759	59 766	36 162	95 242	D
31194	Seasoning and dressing manufacturing	3	8	4	f	D	D	D	D	D	D	D	8 115
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	2	4	1	c	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	3	4	3	864	42 739	560	817	22 591	232 332	115 668	348 499	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)
IOWA—Con.													
311	Food manufacturing—Con.												
3119	Other food manufacturing—Con.												
31199	All other food manufacturing . . .	2	41	23	2 128	63 048	1 777	3 535	46 206	435 756	417 404	853 360	21 552
311991	Perishable prepared food manufacturing	5	6	4	325	9 243	264	517	6 149	28 940	18 817	47 646	795
311999	All other miscellaneous food manufacturing	1	35	19	1 803	53 805	1 513	3 018	40 057	406 816	398 587	805 714	20 757
312	Beverage and tobacco product manufacturing	2	11	5	692	20 443	252	457	7 763	123 255	139 948	264 766	D
3121	Beverage manufacturing	2	11	5	692	20 443	252	457	7 763	123 255	139 948	264 766	D
31211	Soft drink and ice manufacturing	2	7	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	4	4	609	18 363	216	410	7 113	116 099	137 713	255 377	D
314	Textile product mills	—	46	12	1 387	40 616	1 041	1 789	20 834	102 757	125 476	234 951	4 157
3141	Textile furnishings mills	—	18	5	520	12 534	437	734	9 335	36 253	42 492	81 212	724
31412	Curtain and linen mills	—	17	4	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	4	3	410	9 407	375	636	8 180	26 322	37 288	66 112	D
3149	Other textile product mills	—	28	7	867	28 082	604	1 055	11 499	66 504	82 984	153 739	3 433
31491	Textile bag and canvas mills . . .	3	18	3	200	3 678	174	264	2 685	6 752	4 430	10 511	D
314911	Textile bag mills	1	4	2	110	1 328	106	142	1 166	2 813	1 615	3 754	D
31499	All other textile product mills . . .	—	10	4	667	24 404	430	791	8 814	59 752	78 554	143 228	D
314991	Rope, cordage, and twine mills	—	1	1	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	3	9	3	c	D	D	D	D	D	D	D	D
315	Apparel manufacturing	7	63	23	1 645	34 976	1 346	2 424	23 767	68 907	84 896	147 130	1 153
3151	Apparel knitting mills	—	1	1	e	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills	—	1	1	e	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills	—	1	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	40	16	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	2	23	4	221	4 069	183	317	2 631	13 858	4 643	18 598	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	19	3	c	D	D	D	D	D	D	D	28
31522	Men's and boys' cut and sew apparel manufacturing	—	5	5	c	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing	—	4	4	183	2 783	177	264	2 587	12 807	6 485	19 373	D
31523	Women's and girls' cut and sew apparel manufacturing	1	6	2	c	D	D	D	D	D	D	D	137
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	6	5	362	6 963	300	585	5 401	15 291	5 857	20 737	D
315299	All other cut and sew apparel manufacturing	—	6	5	362	6 963	300	585	5 401	15 291	5 857	20 737	D
3159	Apparel accessories and other apparel manufacturing	7	22	6	e	D	D	D	D	D	D	D	97
31599	Apparel accessories and other apparel manufacturing	7	22	6	e	D	D	D	D	D	D	D	97
315991	Hat, cap, and millinery manufacturing	9	2	1	c	D	D	D	D	D	D	D	D
315992	Glove and mitten manufacturing	2	6	3	187	3 759	124	236	1 784	4 832	6 063	11 062	79
315999	Other apparel accessories and other apparel manufacturing	5	14	2	113	2 508	85	163	1 380	3 930	3 897	8 613	18
316	Leather and allied product manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
3161	Leather and hide tanning and finishing	—	5	1	c	D	D	D	D	D	D	D	D
31611	Leather and hide tanning and finishing	—	5	1	c	D	D	D	D	D	D	D	D
316110	Leather and hide tanning and finishing	—	5	1	c	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
316991	Luggage manufacturing	—	3	3	267	6 306	205	435	4 353	13 585	13 929	27 680	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
IOWA—Con.													
321	Wood product manufacturing	—	186	56	10 964	385 820	8 166	15 938	233 372	818 835	652 682	1 458 510	53 180
3211	Sawmills and wood preservation	3	33	7	406	11 649	320	664	8 423	18 815	44 206	63 473	1 775
32111	Sawmills and wood preservation	3	33	7	406	11 649	320	664	8 423	18 815	44 206	63 473	1 775
321113	Sawmills	3	27	7	379	10 907	300	626	7 937	17 318	36 350	54 229	1 568
3212	Veneer, plywood, and engineered wood product manufacturing	1	20	14	909	27 464	685	1 445	16 830	79 733	70 834	150 362	3 141
32121	Veneer, plywood, and engineered wood product manufacturing	1	20	14	909	27 464	685	1 445	16 830	79 733	70 834	150 362	3 141
321214	Truss manufacturing	1	14	11	755	22 937	544	1 116	13 165	51 651	51 232	103 060	D
321219	Reconstituted wood product manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	133	35	9 649	346 707	7 161	13 829	208 119	720 287	537 642	1 244 675	48 264
32191	Millwork	—	35	16	8 125	307 145	5 899	11 332	180 052	646 648	426 980	1 061 066	46 208
321911	Wood window and door manufacturing	—	15	11	7 819	299 381	5 640	10 793	174 168	629 741	396 951	1 013 005	44 065
321912	Cut stock, resawing lumber, and planing	1	10	4	241	5 996	200	423	4 426	14 122	25 005	40 307	D
32192	Wood container and pallet manufacturing	3	62	13	851	22 054	741	1 477	17 202	21 348	51 526	72 787	1 226
321920	Wood container and pallet manufacturing	3	62	13	851	22 054	741	1 477	17 202	21 348	51 526	72 787	1 226
32199	All other wood product manufacturing	—	36	6	673	17 508	521	1 020	10 865	52 291	59 136	110 822	830
321992	Prefabricated wood building manufacturing	—	12	3	387	10 190	317	614	6 458	36 467	46 643	82 703	D
321999	All other miscellaneous wood product manufacturing	—	21	3	e	D	D	D	D	D	D	D	254
322	Paper manufacturing	—	46	32	4 186	152 479	3 303	6 553	105 553	693 929	650 470	1 346 250	30 803
3221	Pulp, paper, and paperboard mills	—	4	3	289	11 844	234	346	6 889	67 332	58 991	126 067	D
32213	Paperboard mills	—	2	2	c	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	2	2	c	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	42	29	3 897	140 635	3 069	6 207	98 664	626 597	591 479	1 220 183	D
32221	Paperboard container manufacturing	—	20	16	1 722	61 989	1 286	2 675	40 044	148 779	300 223	448 410	D
322211	Corrugated and solid fiber box manufacturing	—	14	12	1 316	51 551	1 022	2 251	34 027	120 250	272 714	392 792	5 065
322213	Setup paperboard box manufacturing	1	2	1	c	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	—	11	8	1 610	59 899	1 310	2 608	43 091	448 649	261 332	712 565	21 471
322222	Coated and laminated paper manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
322223	Plastics, foil, and coated paper bag manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	5	6	4	514	17 235	427	858	14 371	25 475	27 118	52 749	670
322232	Envelope manufacturing	5	6	4	514	17 235	427	858	14 371	25 475	27 118	52 749	670
323	Printing and related support activities	1	366	97	9 076	291 050	6 467	11 614	182 349	726 084	489 914	1 218 084	49 452
3231	Printing and related support activities	1	366	97	9 076	291 050	6 467	11 614	182 349	726 084	489 914	1 218 084	49 452
32311	Printing	1	335	89	8 584	274 738	6 056	10 810	170 499	692 003	473 821	1 167 460	47 515
323110	Commercial lithographic printing	—	157	51	4 147	144 589	3 027	5 516	89 771	333 955	241 322	573 303	20 609
323111	Commercial gravure printing	7	4	2	e	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	1	6	3	135	5 093	117	237	4 087	8 914	8 651	17 832	380
323113	Commercial screen printing	1	50	11	851	22 784	557	815	11 555	52 160	45 055	98 549	3 128
323114	Quick printing	2	71	3	549	12 639	344	502	7 376	29 845	11 202	41 017	1 090
323115	Digital printing	3	8	3	370	11 320	216	355	6 049	25 859	9 949	35 865	1 802
323116	Manifold business forms printing	—	12	10	1 122	35 096	651	1 268	19 390	139 206	93 606	234 025	4 073
323117	Books printing	—	9	5	850	26 809	715	1 538	22 062	76 455	42 316	118 062	D
32312	Support activities for printing	6	31	8	492	16 312	411	804	11 850	34 081	16 093	50 624	1 937
323121	Tradebinding and related work	6	10	5	306	8 886	256	504	6 549	18 130	13 036	31 547	1 559
323122	Prepress services	6	21	3	186	7 426	155	300	5 301	15 951	3 057	19 077	378
324	Petroleum and coal products manufacturing	—	13	3	153	6 099	106	207	2 964	33 141	64 061	94 122	1 374
3241	Petroleum and coal products manufacturing	—	13	3	153	6 099	106	207	2 964	33 141	64 061	94 122	1 374

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IOWA—Con.													
325	Chemical manufacturing	-	139	49	6 664	302 033	4 171	8 742	169 023	5 110 519	2 603 797	7 668 764	106 825
3251	Basic chemical manufacturing ...	-	30	9	1 022	52 812	513	1 018	22 218	387 786	159 750	541 416	D
32513	Synthetic dye and pigment manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	5	3	204	10 882	123	281	5 835	141 234	27 876	168 701	1 540
325188	All other basic inorganic chemical manufacturing	-	5	3	204	10 882	123	281	5 835	141 234	27 876	168 701	1 540
32519	Other basic organic chemical manufacturing	1	15	4	646	33 814	338	628	14 759	209 704	110 249	315 118	D
325199	All other basic organic chemical manufacturing	-	5	4	579	30 813	290	522	12 838	199 916	74 806	269 706	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	25	10	1 232	56 137	858	1 699	34 747	1 236 635	606 624	1 853 664	16 366
32531	Fertilizer manufacturing	-	16	5	414	17 893	263	588	10 739	64 399	158 355	231 346	8 907
325311	Nitrogenous fertilizer manufacturing	-	5	3	190	10 029	134	313	6 693	42 761	96 895	149 898	D
325314	Fertilizer (mixing only) manufacturing	-	8	2	c	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	9	5	818	38 244	595	1 111	24 008	1 172 236	448 269	1 622 318	7 459
325320	Pesticide and other agricultural chemical manufacturing	-	9	5	818	38 244	595	1 111	24 008	1 172 236	448 269	1 622 318	7 459
3254	Pharmaceutical and medicine manufacturing	-	35	14	2 314	89 746	1 218	2 839	41 830	458 378	243 397	685 272	35 386
32541	Pharmaceutical and medicine manufacturing	-	35	14	2 314	89 746	1 218	2 839	41 830	458 378	243 397	685 272	35 386
325411	Medicinal and botanical manufacturing	1	8	3	267	13 681	133	285	6 436	84 523	61 717	145 116	10 972
325412	Pharmaceutical preparation manufacturing	3	13	4	284	12 446	140	275	5 200	51 435	32 454	89 570	2 622
325414	Biological product (except diagnostic) manufacturing ..	-	11	6	1 713	61 191	900	2 188	28 182	317 274	148 286	444 007	21 652
3255	Paint, coating, and adhesive manufacturing	6	15	5	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	6	13	5	e	D	D	D	D	D	D	D	1 051
325510	Paint and coating manufacturing	6	13	5	e	D	D	D	D	D	D	D	1 051
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	16	4	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	17	6	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	13	5	f	D	D	D	D	D	D	D	11 768
325992	Photographic film, paper, plate, and chemical manufacturing	-	2	1	c	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	7	4	494	23 959	337	719	13 317	104 551	109 859	213 027	D
326	Plastics and rubber products manufacturing	1	188	103	14 609	477 552	12 087	23 910	363 637	1 147 675	1 232 805	2 390 476	120 244
3261	Plastics product manufacturing ..	1	151	86	10 397	314 000	8 632	17 261	236 411	799 436	838 403	1 642 354	102 736
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	21	9	1 760	70 006	1 419	2 725	51 683	192 651	163 170	356 240	26 336
326111	Plastics bag manufacturing ..	-	4	1	e	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	4	15	6	1 097	39 229	854	1 558	26 660	120 210	74 937	194 632	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	-	17	8	651	21 343	538	1 173	16 333	62 083	86 040	149 290	D
326121	Unlaminated plastics profile shape manufacturing	1	6	1	200	6 085	158	365	4 099	8 168	13 411	21 802	330
326122	Plastics pipe and pipe fitting manufacturing	-	11	7	451	15 258	380	808	12 234	53 915	72 629	127 488	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)				
	IOWA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	—	5	1	113	4 304	87	172	2 914	11 037	13 112	24 250	818
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	—	5	1	113	4 304	87	172	2 914	11 037	13 112	24 250	818
32614	Polystyrene foam product manufacturing	—	8	6	1 140	34 302	781	1 685	24 991	49 478	88 632	138 209	7 732
326140	Polystyrene foam product manufacturing	—	8	6	1 140	34 302	781	1 685	24 991	49 478	88 632	138 209	7 732
32615	Urethane and other foam product (except polystyrene) manufacturing	6	5	2	164	4 637	141	277	3 520	11 113	15 756	26 860	D
326150	Urethane and other foam product (except polystyrene) manufacturing	6	5	2	164	4 637	141	277	3 520	11 113	15 756	26 860	D
32616	Plastics bottle manufacturing	2	8	6	525	18 513	464	985	14 881	30 469	88 919	122 005	31 857
326160	Plastics bottle manufacturing	2	8	6	525	18 513	464	985	14 881	30 469	88 919	122 005	31 857
32619	Other plastics product manufacturing	1	87	54	6 044	160 895	5 202	10 244	122 089	442 605	382 774	825 500	D
326191	Plastics plumbing fixture manufacturing	—	5	4	204	5 332	148	307	3 458	15 444	12 155	27 750	D
326199	All other plastics product manufacturing	1	82	50	5 840	155 563	5 054	9 937	118 631	427 161	370 619	797 750	30 886
3262	Rubber product manufacturing	—	37	17	4 212	163 552	3 455	6 649	127 226	348 239	394 402	748 122	17 508
32621	Tire manufacturing	—	18	7	2 504	106 380	2 043	3 710	84 084	207 242	247 398	459 115	12 224
326211	Tire manufacturing (except retreading)	—	7	5	2 396	103 151	1 976	3 580	82 405	200 195	236 711	441 532	12 019
326212	Tire retreading	3	11	2	108	3 229	67	130	1 679	7 047	10 687	17 583	205
32622	Rubber and plastics hoses and belting manufacturing	—	7	5	597	19 195	508	1 019	14 840	42 799	79 150	120 894	891
326220	Rubber and plastics hoses and belting manufacturing	—	7	5	597	19 195	508	1 019	14 840	42 799	79 150	120 894	891
32629	Other rubber product manufacturing	—	12	5	1 111	37 977	904	1 920	28 302	98 198	67 854	168 113	4 393
326291	Rubber product manufacturing for mechanical use	—	6	3	1 024	35 300	839	1 782	26 515	92 500	62 911	157 558	4 075
327	Nonmetallic mineral product manufacturing	—	330	80	6 929	236 241	5 638	11 283	178 062	977 447	658 240	1 627 665	63 410
3271	Clay product and refractory manufacturing	—	14	3	e	D	D	D	D	D	D	D	722
32712	Clay building material and refractories manufacturing	—	7	3	255	7 535	217	478	5 997	20 058	12 721	30 088	714
327121	Brick and structural clay tile manufacturing	—	3	3	c	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	19	8	1 020	32 542	876	1 767	25 645	152 840	111 929	261 712	5 164
32721	Glass and glass product manufacturing	—	19	8	1 020	32 542	876	1 767	25 645	152 840	111 929	261 712	5 164
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass	—	14	7	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	266	59	4 200	139 225	3 352	6 440	103 585	446 148	331 229	776 114	40 035
32731	Cement manufacturing	—	7	3	465	21 488	361	721	15 338	142 131	73 656	210 575	14 308
327310	Cement manufacturing	—	7	3	465	21 488	361	721	15 338	142 131	73 656	210 575	14 308
32732	Ready-mix concrete manufacturing	2	177	32	2 146	68 159	1 801	3 241	54 700	165 410	173 070	339 094	17 548
327320	Ready-mix concrete manufacturing	2	177	32	2 146	68 159	1 801	3 241	54 700	165 410	173 070	339 094	17 548
32733	Concrete pipe, brick, and block manufacturing	1	22	11	377	12 769	267	524	7 695	41 612	33 148	75 349	2 760
327331	Concrete block and brick manufacturing	2	14	5	c	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	8	6	c	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	—	60	13	1 212	36 809	923	1 954	25 852	96 995	51 355	151 096	5 419
327390	Other concrete product manufacturing	—	60	13	1 212	36 809	923	1 954	25 852	96 995	51 355	151 096	5 419
3274	Lime and gypsum product manufacturing	—	8	5	f	D	D	D	D	D	D	D	10 715
32742	Gypsum product manufacturing	—	6	5	725	31 474	599	1 409	24 966	149 992	133 679	282 348	D
327420	Gypsum product manufacturing	—	6	5	725	31 474	599	1 409	24 966	149 992	133 679	282 348	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
IOWA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	—	23	5	682	24 268	555	1 128	16 978	205 304	67 031	272 622	6 774
32791	Abrasive product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	3	20	3	c	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	69	38	8 364	361 602	6 569	13 809	265 962	1 004 866	1 504 350	2 436 157	106 345
3311	Iron and steel mills and ferroalloy manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	4	2	f	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	5	4	3	351	10 398	289	633	7 928	20 588	17 740	38 595	625
33122	Rolling and drawing of purchased steel	5	4	3	351	10 398	289	633	7 928	20 588	17 740	38 595	625
331222	Steel wire drawing	5	4	3	351	10 398	289	633	7 928	20 588	17 740	38 595	625
3313	Alumina and aluminum production and processing	—	5	4	h	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing	—	5	4	h	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	—	3	3	h	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	7	2	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
3315	Foundries	—	47	26	4 075	147 309	3 262	6 862	107 039	354 570	247 964	603 657	19 664
33151	Ferrous metal foundries	—	20	15	2 579	101 850	2 046	4 298	74 134	251 936	183 709	437 839	14 305
331511	Iron foundries	—	16	13	1 882	73 798	1 455	3 053	50 475	168 069	139 493	311 709	D
331513	Steel foundries (except investment)	—	3	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	1	27	11	1 496	45 459	1 216	2 564	32 905	102 634	64 255	165 818	5 359
331521	Aluminum die-casting foundries	2	5	5	395	11 777	325	715	8 402	27 070	26 072	53 064	1 702
331522	Nonferrous (except aluminum) die-casting foundries	—	4	2	421	10 983	354	682	7 470	24 463	14 959	39 774	D
331524	Aluminum foundries (except die-casting)	1	12	3	360	11 097	309	719	8 303	27 689	17 110	44 099	2 673
331528	Other nonferrous foundries (except die-casting)	—	3	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	643	198	22 252	754 945	16 178	31 381	479 073	1 874 005	1 469 355	3 352 947	104 763
3321	Forging and stamping	5	26	11	1 464	50 660	1 213	2 578	39 241	118 031	86 135	205 451	8 824
33211	Forging and stamping	5	26	11	1 464	50 660	1 213	2 578	39 241	118 031	86 135	205 451	8 824
332111	Iron and steel forging	—	7	3	483	17 147	398	888	11 780	29 407	33 547	63 552	D
332114	Custom roll forming	9	4	3	516	18 625	437	944	15 282	60 778	26 608	87 769	D
332116	Metal stamping	3	13	5	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	3	21	4	611	23 375	426	787	14 176	63 869	32 202	94 945	D
33221	Cutlery and handtool manufacturing	3	21	4	611	23 375	426	787	14 176	63 869	32 202	94 945	D
332211	Cutlery and flatware (except precious) manufacturing	—	3	1	c	D	D	D	D	D	D	D	138
332212	Hand and edge tool manufacturing	3	14	3	458	18 204	325	592	10 629	49 001	26 715	75 371	3 569
3323	Architectural and structural metals manufacturing	1	153	46	5 656	183 411	3 944	7 426	111 821	476 377	446 420	925 300	19 474
33231	Plate work and fabricated structural product manufacturing	2	85	23	2 130	67 189	1 463	2 882	38 841	158 281	197 846	361 203	3 840
332311	Prefabricated metal building and component manufacturing	1	13	5	721	18 869	479	877	10 117	69 167	63 800	131 916	810
332312	Fabricated structural metal manufacturing	2	58	15	1 187	40 806	823	1 671	23 622	71 349	125 051	202 194	2 499
332313	Plate work manufacturing	—	14	3	222	7 514	161	334	5 102	17 765	8 995	27 093	531
33232	Ornamental and architectural metal products manufacturing	—	68	23	3 526	116 222	2 481	4 544	72 980	318 096	248 574	564 097	15 634
332321	Metal window and door manufacturing	—	13	8	2 513	83 822	1 737	3 187	52 216	253 829	182 781	433 737	13 935
332322	Sheet metal work manufacturing	1	28	10	712	23 468	504	895	14 499	43 934	48 227	92 513	1 353
332323	Ornamental and architectural metal work manufacturing	2	27	5	301	8 932	240	462	6 265	20 333	17 566	37 847	346

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	IOWA—Con.												
332	Fabricated metal product manufacturing—Con.												
3324	Boiler, tank, and shipping container manufacturing	—	21	13	1 606	58 841	1 319	2 657	43 540	271 549	228 812	504 038	21 575
33242	Metal tank (heavy gauge) manufacturing	—	10	6	643	24 215	495	1 014	17 459	147 877	50 030	199 489	D
332420	Metal tank (heavy gauge) manufacturing	—	10	6	643	24 215	495	1 014	17 459	147 877	50 030	199 489	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	8	5	872	31 170	758	1 507	23 973	115 807	173 174	291 058	D
332431	Metal can manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
332439	Other metal container manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	10	3	720	21 025	499	959	11 053	41 979	57 530	99 529	2 276
33251	Hardware manufacturing	—	10	3	720	21 025	499	959	11 053	41 979	57 530	99 529	2 276
332510	Hardware manufacturing	—	10	3	720	21 025	499	959	11 053	41 979	57 530	99 529	2 276
3326	Spring and wire product manufacturing	1	19	6	665	17 269	582	1 296	13 426	35 298	35 077	70 389	3 048
33261	Spring and wire product manufacturing	1	19	6	665	17 269	582	1 296	13 426	35 298	35 077	70 389	3 048
332612	Spring (light gauge) manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	2	17	5	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	276	71	4 852	163 098	3 826	7 375	114 658	346 469	195 352	542 944	18 193
33271	Machine shops	2	235	45	2 903	99 430	2 181	4 097	66 041	196 105	110 668	305 339	12 895
332710	Machine shops	2	235	45	2 903	99 430	2 181	4 097	66 041	196 105	110 668	305 339	12 895
33272	Turned product and screw, nut, and bolt manufacturing	1	41	26	1 949	63 668	1 645	3 278	48 617	150 364	84 684	237 605	5 298
332721	Precision turned product manufacturing	3	36	22	1 317	44 489	1 064	2 071	32 387	90 720	53 080	144 500	4 128
332722	Bolt, nut, screw, rivet, and washer manufacturing	—	5	4	632	19 179	581	1 207	16 230	59 644	31 604	93 105	1 170
3328	Coating, engraving, heat treating, and allied activities	1	41	13	875	23 378	701	1 198	16 551	59 201	21 896	78 986	D
33281	Coating, engraving, heat treating, and allied activities ..	1	41	13	875	23 378	701	1 198	16 551	59 201	21 896	78 986	D
332811	Metal heat treating	—	7	4	c	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	18	7	545	14 218	441	788	10 288	38 175	15 598	53 046	2 631
332813	Electroplating, plating, polishing, anodizing, and coloring	5	16	2	c	D	D	D	D	D	D	D	1 100
3329	Other fabricated metal product manufacturing	—	76	31	5 803	213 888	3 668	7 105	114 607	461 232	365 931	831 365	23 495
33291	Metal valve manufacturing	—	16	12	2 925	127 857	1 658	3 369	55 801	273 294	189 995	465 718	9 767
332911	Industrial valve manufacturing	—	9	8	2 607	118 509	1 398	2 912	49 500	258 135	180 671	444 643	8 965
332912	Fluid power valve and hose fitting manufacturing	1	4	2	145	5 130	105	205	3 090	1 662	1 352	3 542	D
332919	Other metal valve and pipe fitting manufacturing	1	3	2	173	4 218	155	252	3 211	13 497	7 972	17 533	D
33299	All other fabricated metal product manufacturing	—	60	19	2 878	86 031	2 010	3 736	58 806	187 938	175 936	365 647	13 728
332991	Ball and roller bearing manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332997	Industrial pattern manufacturing	—	10	3	140	7 281	116	238	5 833	11 788	3 881	15 570	D
332999	All other miscellaneous fabricated metal product manufacturing	—	40	12	1 332	32 801	1 085	1 916	24 200	90 977	90 667	181 559	9 109
333	Machinery manufacturing	—	412	195	31 473	1 329 020	20 454	39 260	745 827	5 587 509	4 759 120	10 392 410	202 958
3331	Agriculture, construction, and mining machinery manufacturing	—	124	70	15 858	706 785	10 356	20 495	422 424	3 514 398	3 152 073	6 693 045	125 247
33311	Agricultural implement manufacturing	—	90	49	i	D	D	D	D	D	D	D	93 051
333111	Farm machinery and equipment manufacturing ..	—	89	48	8 532	399 409	6 091	12 820	254 860	2 085 421	1 644 322	3 731 752	93 051
33312	Construction machinery manufacturing	—	32	20	7 097	299 919	4 107	7 411	162 789	1 411 734	1 497 211	2 934 906	D
333120	Construction machinery manufacturing	—	32	20	7 097	299 919	4 107	7 411	162 789	1 411 734	1 497 211	2 934 906	D
33313	Mining and oil and gas field machinery manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
333131	Mining machinery and equipment manufacturing ..	—	1	1	c	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)				
IOWA—Con.													
333	Machinery manufacturing—Con.												
3332	Industrial machinery manufacturing	—	49	24	1 698	76 990	948	1 826	33 767	167 970	125 270	292 799	11 904
33322	Plastics and rubber industry machinery manufacturing	1	6	2	c	D	D	D	D	D	D	D	195
333220	Plastics and rubber industry machinery manufacturing ..	1	6	2	c	D	D	D	D	D	D	D	195
33329	Other industrial machinery manufacturing	—	42	22	1 575	71 502	872	1 665	30 777	153 999	106 918	259 863	D
333294	Food product machinery manufacturing	—	18	12	863	41 280	474	871	17 374	94 529	71 579	163 829	3 454
333298	All other industrial machinery manufacturing	1	16	8	608	26 311	340	696	11 572	54 839	31 415	87 131	8 120
3333	Commercial and service industry machinery manufacturing	—	33	14	2 363	78 290	1 420	2 383	34 552	189 188	194 859	370 696	18 296
33331	Commercial and service industry machinery manufacturing	—	33	14	2 363	78 290	1 420	2 383	34 552	189 188	194 859	370 696	18 296
333311	Automatic vending machine manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	28	12	1 863	64 476	1 064	1 736	26 457	146 915	160 304	299 824	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	21	13	2 716	96 957	2 129	4 267	67 666	856 486	448 618	1 304 235	7 083
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	21	13	2 716	96 957	2 129	4 267	67 666	856 486	448 618	1 304 235	7 083
333414	Heating equipment (except warm air furnaces) manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	11	9	1 924	70 566	1 604	3 177	52 808	770 209	389 575	1 159 030	4 898
3335	Metalworking machinery manufacturing	2	85	26	1 806	69 406	1 310	2 257	41 947	134 684	64 664	200 887	7 612
33351	Metalworking machinery manufacturing	2	85	26	1 806	69 406	1 310	2 257	41 947	134 684	64 664	200 887	7 612
333511	Industrial mold manufacturing	—	20	7	494	17 758	393	573	11 061	35 677	11 152	46 158	2 324
333512	Machine tool (metal cutting types) manufacturing	6	3	2	114	4 333	69	98	1 931	11 160	5 400	16 738	D
333514	Special die and tool, die set, jig, and fixture manufacturing	2	38	10	518	21 118	410	804	15 871	34 119	14 577	49 240	2 866
333515	Cutting tool and machine tool accessory manufacturing ...	3	18	5	462	16 358	316	533	9 064	32 886	21 729	55 620	1 573
333518	Other metalworking machinery manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	8	7	1 363	78 864	685	1 368	32 662	208 158	329 391	549 240	12 030
33361	Engine, turbine, and power transmission equipment manufacturing	—	8	7	1 363	78 864	685	1 368	32 662	208 158	329 391	549 240	12 030
333611	Turbine and turbine generator set units manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	3	3	241	8 263	196	388	6 435	39 399	8 706	48 595	D
333618	Other engine equipment manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	92	41	5 669	221 728	3 606	6 664	112 809	516 625	444 245	981 508	20 786
33391	Pump and compressor manufacturing	—	10	3	534	24 399	298	606	11 316	71 544	31 186	103 641	2 005
333911	Pump and pumping equipment manufacturing ..	—	9	3	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	34	18	1 781	66 966	1 154	2 166	37 504	120 860	133 443	255 422	6 334
333921	Elevator and moving stairway manufacturing	—	4	1	173	6 962	50	111	1 374	13 658	7 581	21 453	D
333922	Conveyor and conveying equipment manufacturing ..	—	17	10	1 049	39 050	752	1 497	23 234	75 142	61 414	135 800	4 980
333923	Overhead traveling crane, hoist, and monorail system manufacturing	—	6	4	232	7 650	170	191	4 859	13 198	13 781	27 367	85
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	7	3	327	13 304	182	367	8 037	18 862	50 667	70 802	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)				
	IOWA—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33399	All other general purpose machinery manufacturing	—	48	20	3 354	130 363	2 154	3 892	63 989	324 221	279 616	622 445	12 447
333991	Power-driven handtool manufacturing	—	4	3	366	10 367	275	524	6 028	39 988	29 379	78 345	D
333992	Welding and soldering equipment manufacturing . .	—	3	1	c	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing	—	6	2	e	D	D	D	D	D	D	D	230
333995	Fluid power cylinder and actuator manufacturing	—	7	7	957	30 817	700	1 433	20 320	60 655	57 615	118 909	3 352
333996	Fluid power pump and motor manufacturing	—	7	4	g	D	D	D	D	D	D	D	4 837
333999	All other miscellaneous general purpose machinery manufacturing	2	18	3	206	6 152	122	178	2 721	12 704	8 166	21 040	320
334	Computer and electronic product manufacturing	—	77	30	11 662	563 870	3 838	6 003	128 830	928 812	497 168	1 751 827	35 987
3342	Communications equipment manufacturing	—	10	6	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	5	1 248	47 234	809	1 797	22 487	96 117	159 382	253 357	13 520
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	5	1 248	47 234	809	1 797	22 487	96 117	159 382	253 357	13 520
3344	Semiconductor and other electronic component manufacturing	1	21	10	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	21	10	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	5	3	2	c	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	1	4	1	c	D	D	D	D	D	D	D	82
334416	Electronic coil, transformer, and other inductor manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	2	7	4	173	4 850	138	192	3 295	12 191	5 919	21 090	399
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	35	14	9 608	492 649	2 465	3 227	94 526	773 332	299 516	1 396 040	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	35	14	9 608	492 649	2 465	3 227	94 526	773 332	299 516	1 396 040	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	6	i	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	8	3	e	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	2	3	1	c	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	—	4	3	c	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	40	26	11 976	512 540	8 819	16 357	318 399	1 212 936	1 605 803	2 823 193	89 049
3351	Electric lighting equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	—	1	1	e	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	8	8	i	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing . .	—	6	6	i	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
335224	Household laundry equipment manufacturing . .	—	3	3	i	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
IOWA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	—	23	11	1 979	104 327	1 394	2 569	72 441	256 651	299 332	559 781	11 319
33531	Electrical equipment manufacturing	—	23	11	1 979	104 327	1 394	2 569	72 441	256 651	299 332	559 781	11 319
335312	Motor and generator manufacturing	—	7	3	c	D	D	D	D	D	D	D	464
335313	Switchgear and switchboard apparatus manufacturing ..	—	6	3	1 451	84 542	1 029	1 947	60 082	206 758	259 423	470 859	10 087
335314	Relay and industrial control manufacturing	1	7	5	331	12 831	255	414	8 938	36 932	21 654	58 270	D
3359	Other electrical equipment and component manufacturing	—	8	6	877	30 576	709	1 471	22 712	43 307	104 500	150 226	2 381
33591	Battery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ..	—	3	2	c	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	162	81	17 102	576 716	13 561	25 867	392 964	1 867 091	1 904 364	3 786 491	57 259
3362	Motor vehicle body and trailer manufacturing	—	62	40	8 274	265 794	6 482	12 243	165 840	608 250	946 745	1 547 600	23 755
33621	Motor vehicle body and trailer manufacturing	—	62	40	8 274	265 794	6 482	12 243	165 840	608 250	946 745	1 547 600	23 755
336211	Motor vehicle body manufacturing	—	19	15	1 452	45 372	1 079	2 255	30 704	90 789	164 984	263 926	D
336212	Truck trailer manufacturing ..	—	20	11	g	D	D	D	D	D	D	D	4 199
336213	Motor home manufacturing ..	—	2	2	h	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	—	21	12	1 933	59 811	1 590	3 079	43 134	119 374	152 463	269 216	5 992
3363	Motor vehicle parts manufacturing	—	66	35	7 510	262 809	6 130	11 801	196 285	957 387	684 699	1 640 800	30 331
33631	Motor vehicle gasoline engine and engine parts manufacturing	3	13	4	1 128	39 642	981	1 985	32 002	93 161	58 522	151 911	4 736
336311	Carburetor, piston, piston ring, and valve manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	7	11	3	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	15	6	1 054	36 062	879	1 880	31 397	137 674	69 086	204 548	5 312
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	15	6	1 054	36 062	879	1 880	31 397	137 674	69 086	204 548	5 312
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	7	5	761	34 766	640	898	28 631	203 766	115 011	320 812	D
336350	Motor vehicle transmission and power train parts manufacturing	—	7	5	761	34 766	640	898	28 631	203 766	115 011	320 812	D
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
33637	Motor vehicle metal stamping ..	—	9	7	g	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	9	7	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	1	17	10	2 459	78 265	2 167	4 170	63 569	278 068	213 337	488 106	8 916
336399	All other motor vehicle parts manufacturing	1	17	10	2 459	78 265	2 167	4 170	63 569	278 068	213 337	488 106	8 916
3364	Aerospace product and parts manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	14	2	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	14	2	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	9	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	203	33	7 989	244 773	6 604	13 005	183 928	809 395	504 299	1 310 895	28 775

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)				
IOWA—Con.													
337	Furniture and related product manufacturing—Con.												
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	155	21	5 218	153 016	4 259	8 449	111 472	312 030	236 291	546 792	11 189
33711	Wood kitchen cabinet and countertop manufacturing	—	98	9	3 158	88 149	2 751	5 607	72 534	201 571	140 280	338 448	8 865
337110	Wood kitchen cabinet and countertop manufacturing ..	—	98	9	3 158	88 149	2 751	5 607	72 534	201 571	140 280	338 448	8 865
33712	Household and institutional furniture manufacturing	—	57	12	2 060	64 867	1 508	2 842	38 938	110 459	96 011	208 344	2 324
337121	Upholstered household furniture manufacturing	—	9	3	1 362	47 522	949	1 784	26 459	65 369	71 114	136 547	1 352
337122	Nonupholstered wood household furniture manufacturing	1	34	3	417	8 932	338	598	6 548	26 125	5 633	32 327	227
337125	Household furniture (except wood and metal) manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	3	7	3	135	4 659	105	233	3 365	13 273	8 042	21 570	377
3372	Office furniture (including fixtures) manufacturing	—	39	11	2 646	87 261	2 260	4 402	69 872	483 859	256 358	738 937	17 297
33721	Office furniture (including fixtures) manufacturing	—	39	11	2 646	87 261	2 260	4 402	69 872	483 859	256 358	738 937	17 297
337211	Wood office furniture manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	—	19	4	e	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	2	10	1	c	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	2	9	1	125	4 496	85	154	2 584	13 506	11 650	25 166	289
33791	Mattress manufacturing	1	6	1	117	4 292	79	143	2 458	12 955	11 092	24 057	D
337910	Mattress manufacturing	1	6	1	117	4 292	79	143	2 458	12 955	11 092	24 057	D
339	Miscellaneous manufacturing	1	274	58	5 365	173 367	3 816	7 379	99 024	435 230	282 479	721 478	24 620
3391	Medical equipment and supplies manufacturing	2	96	13	1 490	45 402	1 036	1 978	25 154	113 279	56 290	168 361	4 829
33911	Medical equipment and supplies manufacturing	2	96	13	1 490	45 402	1 036	1 978	25 154	113 279	56 290	168 361	4 829
339111	Laboratory apparatus and furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	5	8	3	364	10 013	305	621	6 505	27 017	12 662	39 603	788
339113	Surgical appliance and supplies manufacturing	5	13	3	126	4 208	93	182	1 765	9 413	4 754	14 149	612
339116	Dental laboratories	2	62	3	425	11 501	312	553	8 051	20 232	4 643	24 942	480
3399	Other miscellaneous manufacturing	1	178	45	3 875	127 965	2 780	5 401	73 870	321 951	226 189	553 117	19 791
33991	Jewelry and silverware manufacturing	2	14	2	c	D	D	D	D	D	D	D	81
33992	Sporting and athletic goods manufacturing	4	25	9	687	21 579	458	928	9 734	58 543	48 406	106 341	2 692
339920	Sporting and athletic goods manufacturing	4	25	9	687	21 579	458	928	9 734	58 543	48 406	106 341	2 692
33993	Doll, toy, and game manufacturing	4	11	2	c	D	D	D	D	D	D	D	200
339932	Game, toy, and children's vehicle manufacturing	4	10	2	137	3 638	94	209	2 056	9 521	7 937	18 038	200
33994	Office supplies (except paper) manufacturing	—	8	2	193	6 975	115	218	2 832	9 034	5 549	16 053	D
339941	Pen and mechanical pencil manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
33995	Sign manufacturing	—	53	10	848	28 008	552	1 112	13 751	53 395	33 691	87 599	4 193
339950	Sign manufacturing	—	53	10	848	28 008	552	1 112	13 751	53 395	33 691	87 599	4 193
33999	All other miscellaneous manufacturing	—	67	20	1 894	64 651	1 472	2 759	43 960	183 886	128 067	314 869	D
339991	Gasket, packing, and sealing device manufacturing	—	4	3	339	10 538	266	561	7 284	22 820	20 264	43 303	1 122
339994	Broom, brush, and mop manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	1	45	12	732	20 530	562	1 080	12 800	51 427	37 389	89 827	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.

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

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)				
AMES-BOONE, IA COMBINED STATISTICAL AREA													
31-33	Manufacturing	-	104	44	h	D	D	D	D	D	D	D	48 112
311	Food manufacturing	-	8	5	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	6	3	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	6	3	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	12	7	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	12	7	e	D	D	D	D	D	D	D	D
32311	Printing	2	12	7	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	9	5	e	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	16	5	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
Ames, IA Metropolitan Statistical Area													
31-33	Manufacturing	-	69	30	3 753	148 524	2 468	4 779	77 611	590 384	424 777	1 023 889	39 508
311	Food manufacturing	-	4	3	345	11 802	278	545	8 048	33 035	47 760	80 237	D
3116	Animal slaughtering and processing	-	4	3	345	11 802	278	545	8 048	33 035	47 760	80 237	D
31161	Animal slaughtering and processing	-	4	3	345	11 802	278	545	8 048	33 035	47 760	80 237	D
311612	Meat processed from carcasses	-	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	10	7	418	12 709	286	516	8 036	28 698	18 998	47 921	3 183
3231	Printing and related support activities	2	10	7	418	12 709	286	516	8 036	28 698	18 998	47 921	3 183
32311	Printing	2	10	7	418	12 709	286	516	8 036	28 698	18 998	47 921	3 183
325	Chemical manufacturing	-	5	3	e	D	D	D	D	D	D	D	1 007
3251	Basic chemical manufacturing ...	-	2	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)				
AMES-BOONE, IA COMBINED STATISTICAL AREA—Con.													
Ames, IA Metropolitan Statistical Area—Con.													
327	Nonmetallic mineral product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	6	4	789	38 858	372	621	12 770	102 378	87 895	194 383	3 418
3339	Other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
Boone, IA Micropolitan Statistical Area													
31-33	Manufacturing	-	35	14	f	D	D	D	D	D	D	D	8 604
DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA													
31-33	Manufacturing	-	530	160	25 347	981 038	17 716	33 626	571 258	2 990 661	3 339 416	6 321 503	171 489
311	Food manufacturing	-	63	24	h	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	6	4	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	3	3	e	D	D	D	D	D	D	D	2 863
3115	Dairy product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	14	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	14	5	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	1	10	4	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	6	4	804	36 638	563	881	20 379	202 548	107 458	313 384	D
31194	Seasoning and dressing manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	-	4	3	e	D	D	D	D	D	D	D	1 034
321	Wood product manufacturing	1	19	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	16	1	e	D	D	D	D	D	D	D	D
32191	Millwork	-	8	1	356	10 761	252	515	5 923	25 495	32 672	58 085	671
321911	Wood window and door manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	93	24	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	93	24	g	D	D	D	D	D	D	D	D
32311	Printing	1	82	21	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	40	13	g	D	D	D	D	D	D	D	D
323111	Commercial gravure printing ..	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	24	8	745	37 391	403	840	14 997	196 521	227 192	421 719	7 500
3254	Pharmaceutical and medicine manufacturing	1	6	3	273	11 734	150	308	6 262	39 716	15 580	55 654	D
32541	Pharmaceutical and medicine manufacturing	1	6	3	273	11 734	150	308	6 262	39 716	15 580	55 654	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)				
DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	-	23	15	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	13	9	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	6	4	376	16 490	321	671	12 655	50 875	51 170	102 695	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	5	3	325	11 002	246	554	6 070	23 526	21 593	45 344	1 799
326199	All other plastics product manufacturing	2	5	3	325	11 002	246	554	6 070	23 526	21 593	45 344	1 799
3262	Rubber product manufacturing ...	-	10	6	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	3	3	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	41	15	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	27	12	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	14	7	f	D	D	D	D	D	D	D	1 804
327320	Ready-mix concrete manufacturing	1	14	7	f	D	D	D	D	D	D	D	1 804
332	Fabricated metal product manufacturing	1	75	12	g	D	D	D	D	D	D	D	D
3321	Forging and stamping.....	9	2	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	9	2	1	e	D	D	D	D	D	D	D	D
332114	Custom roll forming	9	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	22	6	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	13	4	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	40	19	h	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	11	9	1 507	77 335	1 009	2 013	47 149	308 371	223 909	523 342	D
33311	Agricultural implement manufacturing	-	9	7	g	D	D	D	D	D	D	D	12 551
333111	Farm machinery and equipment manufacturing ..	-	9	7	g	D	D	D	D	D	D	D	12 551
3332	Industrial machinery manufacturing	-	7	4	323	16 241	149	295	5 959	30 976	26 227	56 053	886
33329	Other industrial machinery manufacturing	-	6	4	e	D	D	D	D	D	D	D	886
3333	Commercial and service industry machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
333311	Automatic vending machine manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	14	4	520	21 576	173	309	4 499	122 971	33 589	159 900	1 007
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	7	2	e	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	-	3	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)				
DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing	-	5	5	h	D	D	D	D	D	D	D	D
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
335224	Household laundry equipment manufacturing ..	-	1	1	h	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	25	7	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	2	12	5	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	29	5	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	19	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	2	9	2	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	47	10	813	21 596	619	1 196	13 012	44 189	30 805	76 143	D
3391	Medical equipment and supplies manufacturing	-	21	1	304	7 145	271	534	5 861	16 338	8 480	24 775	D
33911	Medical equipment and supplies manufacturing	-	21	1	304	7 145	271	534	5 861	16 338	8 480	24 775	D
3399	Other miscellaneous manufacturing	-	26	9	509	14 451	348	662	7 151	27 851	22 325	51 368	D
Des Moines, IA Metropolitan Statistical Area													
31-33	Manufacturing	-	481	147	20 473	750 267	14 321	27 534	451 153	2 515 801	2 851 750	5 362 017	130 106
311	Food manufacturing	-	59	23	4 366	142 271	3 086	6 561	87 017	603 057	1 225 396	1 827 248	38 003
3112	Grain and oilseed milling	-	6	4	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	3	3	e	D	D	D	D	D	D	D	2 863
3115	Dairy product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	12	5	1 894	49 869	1 659	3 812	40 687	102 515	355 910	459 233	2 442
31161	Animal slaughtering and processing	1	12	5	1 894	49 869	1 659	3 812	40 687	102 515	355 910	459 233	2 442
311611	Animal (except poultry) slaughtering	1	10	4	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	6	4	804	36 638	563	881	20 379	202 548	107 458	313 384	D
31194	Seasoning and dressing manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	-	4	3	e	D	D	D	D	D	D	D	1 034

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)				
DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA—Con.													
Des Moines, IA Metropolitan Statistical Area—Con.													
321	Wood product manufacturing	1	18	2	436	12 860	318	649	7 437	29 202	36 360	65 411	805
3219	Other wood product manufacturing	—	15	1	403	11 789	292	588	6 690	26 867	34 582	61 374	D
32191	Millwork	—	8	1	356	10 761	252	515	5 923	25 495	32 672	58 085	671
321911	Wood window and door manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	89	22	2 084	74 456	1 520	2 694	45 525	153 721	116 169	270 956	7 882
3231	Printing and related support activities	2	89	22	2 084	74 456	1 520	2 694	45 525	153 721	116 169	270 956	7 882
32311	Printing	1	78	19	1 866	67 648	1 341	2 341	40 857	138 874	104 089	243 648	6 641
323110	Commercial lithographic printing	1	36	11	1 056	44 467	753	1 465	26 888	99 032	78 664	176 840	4 696
323111	Commercial gravure printing	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	24	8	745	37 391	403	840	14 997	196 521	227 192	421 719	7 500
3254	Pharmaceutical and medicine manufacturing	1	6	3	273	11 734	150	308	6 262	39 716	15 580	55 654	D
32541	Pharmaceutical and medicine manufacturing	1	6	3	273	11 734	150	308	6 262	39 716	15 580	55 654	D
326	Plastics and rubber products manufacturing	—	18	12	2 942	126 576	2 389	4 549	97 140	263 190	299 334	568 323	24 845
3261	Plastics product manufacturing ..	—	12	8	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	6	4	376	16 490	321	671	12 655	50 875	51 170	102 695	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	5	3	325	11 002	246	554	6 070	23 526	21 593	45 344	1 799
326199	All other plastics product manufacturing	2	5	3	325	11 002	246	554	6 070	23 526	21 593	45 344	1 799
3262	Rubber product manufacturing ...	—	6	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	38	14	1 013	30 218	835	1 386	23 614	74 483	60 371	135 537	3 490
3273	Cement and concrete product manufacturing	1	25	11	785	23 452	648	992	18 494	58 853	49 490	109 735	3 002
32732	Ready-mix concrete manufacturing	1	13	7	618	17 170	526	718	14 554	39 522	37 097	77 021	1 804
327320	Ready-mix concrete manufacturing	1	13	7	618	17 170	526	718	14 554	39 522	37 097	77 021	1 804
332	Fabricated metal product manufacturing	1	66	12	1 715	59 596	1 207	2 318	33 705	250 357	139 927	387 121	7 336
3321	Forging and stamping.....	9	1	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	9	1	1	e	D	D	D	D	D	D	D	D
332114	Custom roll forming	9	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	20	6	891	30 853	557	1 073	13 973	106 721	80 721	184 293	D
33232	Ornamental and architectural metal products manufacturing	—	12	4	768	26 181	466	891	11 314	95 030	72 642	164 348	D
332321	Metal window and door manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	36	17	2 902	132 041	1 676	3 028	65 904	410 518	380 552	776 002	22 334
3331	Agriculture, construction, and mining machinery manufacturing	—	11	9	1 507	77 335	1 009	2 013	47 149	308 371	223 909	523 342	D
33311	Agricultural implement manufacturing	—	9	7	g	D	D	D	D	D	D	D	12 551
333111	Farm machinery and equipment manufacturing ..	—	9	7	g	D	D	D	D	D	D	D	12 551
3332	Industrial machinery manufacturing	—	7	4	323	16 241	149	295	5 959	30 976	26 227	56 053	886
33329	Other industrial machinery manufacturing	—	6	4	e	D	D	D	D	D	D	D	886

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)				
	DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA—Con.												
	Des Moines, IA Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3333	Commercial and service industry machinery manufacturing	-	7	3	886	31 280	403	517	9 002	59 642	55 106	109 554	8 123
33331	Commercial and service industry machinery manufacturing	-	7	3	886	31 280	403	517	9 002	59 642	55 106	109 554	8 123
333311	Automatic vending machine manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	14	4	520	21 576	173	309	4 499	122 971	33 589	159 900	1 007
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	7	2	e	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	-	3	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	21	5	1 412	45 848	1 070	1 905	30 603	100 234	128 974	230 349	4 744
3363	Motor vehicle parts manufacturing	-	10	3	f	D	D	D	D	D	D	D	4 264
33639	Other motor vehicle parts manufacturing	-	3	3	891	24 398	787	1 411	19 337	64 535	88 205	148 554	4 173
336399	All other motor vehicle parts manufacturing	-	3	3	891	24 398	787	1 411	19 337	64 535	88 205	148 554	4 173
3364	Aerospace product and parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	23	4	607	17 135	411	792	9 094	136 553	18 441	156 153	1 072
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	15	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	8	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	41	10	797	21 172	608	1 179	12 756	43 102	30 644	74 871	1 389
3391	Medical equipment and supplies manufacturing	-	18	1	296	6 896	265	522	5 694	15 840	8 342	24 139	346
33911	Medical equipment and supplies manufacturing	-	18	1	296	6 896	265	522	5 694	15 840	8 342	24 139	346
3399	Other miscellaneous manufacturing	-	23	9	501	14 276	343	657	7 062	27 262	22 302	50 732	1 043
	Newton, IA Micropolitan Statistical Area												
31-33	Manufacturing	-	49	13	4 874	230 771	3 395	6 092	120 105	474 860	487 666	959 486	41 383
333	Machinery manufacturing	1	4	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
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
335224	Household laundry equipment manufacturing ..	-	1	1	h	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)					
	DES MOINES-NEWTON, IA COMBINED STATISTICAL AREA—Con.													
	Newton, IA Micropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	7	4	2	e	D	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	7	2	2	e	D	D	D	D	D	D	D	D	
	OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	813	260		37 586	1 302 632	27 875	56 581	845 948	4 445 943	6 753 240	11 121 312	370 207
311	Food manufacturing	—	115	57		14 153	457 719	11 356	24 827	339 266	2 071 971	4 483 396	6 553 226	133 220
3112	Grain and oilseed milling	—	9	6	g	D	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	5	3	e	D	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	2	1	e	D	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	9	5	g	D	D	D	D	D	D	D	D	13 504
31141	Frozen food manufacturing	—	8	5	g	D	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	5	3	g	D	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	5	3	e	D	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	5	3	e	D	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	40	26		8 756	248 831	7 564	16 537	198 276	981 260	2 932 077	3 918 366	D
31161	Animal slaughtering and processing	1	40	26		8 756	248 831	7 564	16 537	198 276	981 260	2 932 077	3 918 366	D
311611	Animal (except poultry) slaughtering	—	16	9	h	D	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	4	15	13	h	D	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	25	9	g	D	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	21	6	g	D	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	6	3	g	D	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	—	2	1	e	D	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	—	2	1	e	D	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	12	3	e	D	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	25	7	f	D	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	22	4	e	D	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	9	8	f	D	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	9	8	f	D	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	6	f	D	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	4	4	e	D	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	146	31	h	D	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	146	31	h	D	D	D	D	D	D	D	D	D
32311	Printing	1	137	28	h	D	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	—	56	15	g	D	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	—	4	4		590	22 605	395	715	12 785	58 065	63 451	121 580	D
323116	Manifold business forms printing	—	6	3	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)				
OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA—Con.													
325	Chemical manufacturing	—	31	10	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	11	6	f	D	D	D	D	D	D	D	6 368
32541	Pharmaceutical and medicine manufacturing	—	11	6	f	D	D	D	D	D	D	D	6 368
325414	Biological product (except diagnostic) manufacturing ..	—	4	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	33	16	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	32	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	20	10	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	18	9	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	52	20	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	39	19	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	—	20	9	e	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	—	20	9	e	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	6	11	6	385	12 580	293	467	8 066	19 337	19 346	42 477	D
327390	Other concrete product manufacturing	6	11	6	385	12 580	293	467	8 066	19 337	19 346	42 477	D
331	Primary metal manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
3315	Foundries	—	5	4	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	4	3	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	119	21	1 969	66 914	1 481	2 961	44 610	134 356	153 803	285 623	D
3323	Architectural and structural metals manufacturing	—	29	5	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	—	15	4	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	54	9	f	D	D	D	D	D	D	D	D
33271	Machine shops	2	45	5	f	D	D	D	D	D	D	D	D
332710	Machine shops	2	45	5	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	13	4	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	11	3	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	54	22	3 430	139 033	2 116	4 437	65 793	307 826	329 062	625 025	D
3331	Agriculture, construction, and mining machinery manufacturing	—	12	7	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	10	5	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	10	3	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	2	10	3	f	D	D	D	D	D	D	D	D
333514	Special die and tool, die set, jig, and fixture manufacturing	2	5	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	18	6	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	3	7	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)				
OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	-	21	7	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	4	1	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
335	Electrical equipment, appliance, and component manufacturing	1	10	5	1 257	64 140	826	1 420	35 253	219 228	108 176	305 193	4 847
3359	Other electrical equipment and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	19	9	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	53	17	1 977	63 833	1 475	2 745	41 056	226 251	127 701	352 575	5 150
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	35	10	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	26	7	329	9 763	265	513	6 480	18 327	9 208	26 657	1 037
337110	Wood kitchen cabinet and countertop manufacturing	-	26	7	329	9 763	265	513	6 480	18 327	9 208	26 657	1 037
3372	Office furniture (including fixtures) manufacturing	1	14	5	1 150	39 327	856	1 645	25 756	165 605	81 763	247 454	3 620
33721	Office furniture (including fixtures) manufacturing	1	14	5	1 150	39 327	856	1 645	25 756	165 605	81 763	247 454	3 620
337215	Showcase, partition, shelving, and locker manufacturing	1	7	4	1 110	37 958	827	1 582	25 032	162 286	80 853	243 225	3 596
3379	Other furniture related product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	82	15	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	34	6	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	34	6	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	48	9	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	15	6	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	-	11	4	e	D	D	D	D	D	D	D	D
Fremont, NE Micropolitan Statistical Area													
31-33	Manufacturing	-	70	29	3 652	108 074	2 842	5 525	73 648	382 457	594 202	979 512	8 430
311	Food manufacturing	-	26	12	2 001	62 580	1 630	3 206	45 895	271 182	496 210	770 948	5 414
3116	Animal slaughtering and processing	-	5	4	1 604	50 492	1 357	2 692	38 375	218 595	319 488	544 071	D
31161	Animal slaughtering and processing	-	5	4	1 604	50 492	1 357	2 692	38 375	218 595	319 488	544 071	D
311611	Animal (except poultry) slaughtering	-	3	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	12	3	313	10 090	247	496	7 081	27 328	10 200	36 467	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)
	OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA—Con.												
	Fremont, NE Micropolitan Statistical Area—Con.												
333	Machinery manufacturing	3	7	3	424	9 607	279	453	5 493	23 482	18 293	41 366	879
3335	Metalworking machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333514	Special die and tool, die set, jig, and fixture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
	Omaha-Council Bluffs, NE-IA Metropolitan Statistical Area												
31-33	Manufacturing	—	743	231	33 934	1 194 558	25 033	51 056	772 300	4 063 486	6 159 038	10 141 800	361 777
311	Food manufacturing	—	89	45	12 152	395 139	9 726	21 621	293 371	1 800 789	3 987 186	5 782 278	127 806
3112	Grain and oilseed milling	—	6	4	1 158	72 001	925	2 007	61 399	500 927	958 981	1 454 202	D
31122	Starch and vegetable fats and oils manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	1	1	e	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	9	5	g	D	D	D	D	D	D	D	13 504
31141	Frozen food manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	3	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	35	22	7 152	198 339	6 207	13 845	159 901	762 665	2 612 589	3 374 295	60 263
31161	Animal slaughtering and processing	1	35	22	7 152	198 339	6 207	13 845	159 901	762 665	2 612 589	3 374 295	60 263
311611	Animal (except poultry) slaughtering	—	13	7	3 127	86 174	2 800	6 197	70 113	218 910	1 853 878	2 076 653	8 929
311612	Meat processed from carcasses	4	13	11	h	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	22	9	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	18	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	5	3	g	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	21	4	462	12 647	370	742	8 316	24 939	26 289	52 307	1 240
3219	Other wood product manufacturing	3	20	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	8	7	937	37 145	741	1 574	24 617	95 695	154 148	248 102	D
3222	Converted paper product manufacturing	—	8	7	937	37 145	741	1 574	24 617	95 695	154 148	248 102	D
32221	Paperboard container manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	141	31	2 866	104 309	2 003	3 656	63 127	233 912	194 650	426 582	14 893
3231	Printing and related support activities	1	141	31	2 866	104 309	2 003	3 656	63 127	233 912	194 650	426 582	14 893
32311	Printing	1	132	28	2 623	94 359	1 857	3 368	57 547	213 600	193 433	404 977	D
323110	Commercial lithographic printing	—	54	15	1 086	40 293	803	1 479	24 995	87 529	59 987	145 920	3 214
323112	Commercial flexographic printing	—	4	4	590	22 605	395	715	12 785	58 065	63 451	121 580	D
323116	Manifold business forms printing	—	5	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA—Con.													
Omaha-Council Bluffs, NE-IA Metropolitan Statistical Area—Con.													
325	Chemical manufacturing	-	28	9	1 043	48 487	685	1 357	26 359	69 946	461 561	508 295	11 970
3254	Pharmaceutical and medicine manufacturing	-	11	6	f	D	D	D	D	D	D	D	6 368
32541	Pharmaceutical and medicine manufacturing	-	11	6	f	D	D	D	D	D	D	D	6 368
325414	Biological product (except diagnostic) manufacturing ..	-	4	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	31	16	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	30	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	18	10	1 533	43 987	1 204	2 358	29 375	95 680	72 600	166 447	21 821
326199	All other plastics product manufacturing	-	16	9	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	50	19	1 369	52 330	1 118	2 196	38 113	166 522	146 753	315 022	9 893
3273	Cement and concrete product manufacturing	1	37	18	g	D	D	D	D	D	D	D	9 701
32732	Ready-mix concrete manufacturing	-	18	8	320	13 020	283	575	10 430	41 857	59 869	101 818	2 048
327320	Ready-mix concrete manufacturing	-	18	8	320	13 020	283	575	10 430	41 857	59 869	101 818	2 048
32733	Concrete pipe, brick, and block manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	6	11	6	385	12 580	293	467	8 066	19 337	19 346	42 477	D
327390	Other concrete product manufacturing	6	11	6	385	12 580	293	467	8 066	19 337	19 346	42 477	D
331	Primary metal manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3315	Foundries	-	5	4	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	4	3	f	D	D	D	D	D	D	D	D
331511	Iron foundries	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	107	18	1 656	56 824	1 234	2 465	37 529	107 028	143 603	249 156	D
3323	Architectural and structural metals manufacturing	-	26	4	403	13 498	293	528	8 380	35 119	57 447	90 267	D
33231	Plate work and fabricated structural product manufacturing	-	14	3	316	10 959	232	420	6 938	26 473	49 947	74 422	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	48	8	517	18 229	397	794	13 147	32 996	14 774	47 599	D
33271	Machine shops	3	39	4	305	11 819	233	425	8 873	22 092	10 196	32 063	D
332710	Machine shops	3	39	4	305	11 819	233	425	8 873	22 092	10 196	32 063	D
3329	Other fabricated metal product manufacturing	-	12	4	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	10	3	483	14 521	346	763	8 724	18 467	51 094	70 688	D
332999	All other miscellaneous fabricated metal product manufacturing	-	9	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	47	19	3 006	129 426	1 837	3 984	60 300	284 344	310 769	583 659	D
3331	Agriculture, construction, and mining machinery manufacturing	-	10	6	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	9	5	1 768	86 305	1 062	2 347	36 221	207 555	239 728	435 958	D
333111	Farm machinery and equipment manufacturing ..	-	9	5	1 768	86 305	1 062	2 347	36 221	207 555	239 728	435 958	D
3339	Other general purpose machinery manufacturing	2	16	6	426	15 844	292	561	9 363	29 378	24 723	54 615	D
33392	Material handling equipment manufacturing	3	7	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OMAHA-COUNCIL BLUFFS-FREMONT, NE-IA COMBINED STATISTICAL AREA—Con.													
Omaha-Council Bluffs, NE-IA Metropolitan Statistical Area—Con.													
334	Computer and electronic product manufacturing	-	20	7	1 670	57 067	839	1 486	33 845	306 422	65 948	353 129	D
3342	Communications equipment manufacturing	-	4	1	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
335	Electrical equipment, appliance, and component manufacturing	1	10	5	1 257	64 140	826	1 420	35 253	219 228	108 176	305 193	4 847
3359	Other electrical equipment and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	18	8	631	19 310	441	866	12 372	37 663	34 585	71 256	1 832
3362	Motor vehicle body and trailer manufacturing	1	6	4	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	6	4	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	53	17	1 977	63 833	1 475	2 745	41 056	226 251	127 701	352 575	5 150
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	35	10	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	26	7	329	9 763	265	513	6 480	18 327	9 208	26 657	1 037
337110	Wood kitchen cabinet and countertop manufacturing	-	26	7	329	9 763	265	513	6 480	18 327	9 208	26 657	1 037
3372	Office furniture (including fixtures) manufacturing	1	14	5	1 150	39 327	856	1 645	25 756	165 605	81 763	247 454	3 620
33721	Office furniture (including fixtures) manufacturing	1	14	5	1 150	39 327	856	1 645	25 756	165 605	81 763	247 454	3 620
337215	Showcase, partition, shelving, and locker manufacturing	1	7	4	1 110	37 958	827	1 582	25 032	162 286	80 853	243 225	3 596
3379	Other furniture related product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	78	11	1 563	49 058	1 218	1 981	32 236	205 843	128 329	338 011	8 104
3391	Medical equipment and supplies manufacturing	-	34	6	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	34	6	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	44	5	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	12	3	e	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
SIOUX CITY-VERMILLION, IA-NE-SD COMBINED STATISTICAL AREA													
31-33	Manufacturing	-	183	84	j	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SIOUX CITY-VERMILLION, IA-NE-SD COMBINED STATISTICAL AREA—Con.													
311	Food manufacturing	1	40	30	9 461	253 333	8 236	17 179	202 433	973 495	3 149 169	4 071 966	52 264
3111	Animal food manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	16	13	6 851	177 675	6 026	13 256	147 942	646 785	2 318 800	2 908 287	34 260
31161	Animal slaughtering and processing	1	16	13	6 851	177 675	6 026	13 256	147 942	646 785	2 318 800	2 908 287	34 260
311611	Animal (except poultry) slaughtering	1	8	7	i	D	D	D	D	D	D	D	19 327
311612	Meat processed from carcasses	3	7	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	7	5	f	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	1	6	5	1 451	33 619	1 310	2 131	26 406	174 283	173 866	347 625	4 776
31199	All other food manufacturing ...	1	6	5	1 451	33 619	1 310	2 131	26 406	174 283	173 866	347 625	4 776
311999	All other miscellaneous food manufacturing	1	4	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	9	4	564	26 777	339	767	14 821	93 905	137 476	232 364	9 871
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	—	4	3	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
32599	All other chemical product and preparation manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	5	334	9 839	273	552	6 783	19 043	24 644	44 019	2 878
3261	Plastics product manufacturing ..	1	7	5	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	20	6	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	4	9	2	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	4	5	2	304	9 453	167	366	4 480	11 495	33 046	47 373	548
332312	Fabricated structural metal manufacturing	4	5	2	304	9 453	167	366	4 480	11 495	33 046	47 373	548
333	Machinery manufacturing	2	26	13	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	10	8	443	16 504	302	615	9 726	51 934	45 784	107 501	2 205
334	Computer and electronic product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334111	Electronic computer 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.

[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)				
SIoux CITY-VERMILLION, IA-NE-SD COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	-	6	4	f	D	D	D	D	D	D	D	D
Sioux City, IA-NE-SD Metropolitan Statistical Area													
31-33	Manufacturing	-	171	80	14 546	406 257	11 889	24 346	292 454	3 068 076	4 911 723	7 943 200	89 240
311	Food manufacturing	1	40	30	9 461	253 333	8 236	17 179	202 433	973 495	3 149 169	4 071 966	52 264
3111	Animal food manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	16	13	6 851	177 675	6 026	13 256	147 942	646 785	2 318 800	2 908 287	34 260
31161	Animal slaughtering and processing	1	16	13	6 851	177 675	6 026	13 256	147 942	646 785	2 318 800	2 908 287	34 260
311611	Animal (except poultry) slaughtering	1	8	7	i	D	D	D	D	D	D	D	19 327
311612	Meat processed from carcasses	3	7	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	7	5	f	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	1	6	5	1 451	33 619	1 310	2 131	26 406	174 283	173 866	347 625	4 776
31199	All other food manufacturing ...	1	6	5	1 451	33 619	1 310	2 131	26 406	174 283	173 866	347 625	4 776
311999	All other miscellaneous food manufacturing	1	4	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	9	4	564	26 777	339	767	14 821	93 905	137 476	232 364	9 871
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
32531	Fertilizer manufacturing	-	4	3	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
32599	All other chemical product and preparation manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	5	334	9 839	273	552	6 783	19 043	24 644	44 019	2 878
3261	Plastics product manufacturing ..	1	7	5	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	18	6	547	16 504	362	731	9 168	27 902	47 286	76 966	1 315
3323	Architectural and structural metals manufacturing	4	8	2	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	4	5	2	304	9 453	167	366	4 480	11 495	33 046	47 373	548
332312	Fabricated structural metal manufacturing	4	5	2	304	9 453	167	366	4 480	11 495	33 046	47 373	548
333	Machinery manufacturing	2	24	13	816	30 935	511	1 042	16 553	80 262	75 591	166 621	3 446
3339	Other general purpose machinery manufacturing	1	10	8	443	16 504	302	615	9 726	51 934	45 784	107 501	2 205

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SIoux CITY-VERMILLION, IA-NE-SD COMBINED STATISTICAL AREA—Con.													
Sioux City, IA-NE-SD Metropolitan Statistical Area—Con.													
334	Computer and electronic product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	-	6	4	f	D	D	D	D	D	D	D	D
BURLINGTON, IA-IL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	68	26	5 751	216 397	4 115	8 404	155 809	542 814	589 037	1 157 876	25 316
311	Food manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	11	3	613	20 211	492	1 131	15 749	95 427	78 862	174 551	D
3273	Cement and concrete product manufacturing	-	8	1	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	9	4	1 123	33 009	575	1 092	19 603	88 844	13 410	102 248	825
3329	Other fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	6	4	f	D	D	D	D	D	D	D	1 137
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	1	1	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)				
BURLINGTON, IA-IL MICROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
CEDAR RAPIDS, IA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	294	100	19 486	960 448	9 520	18 977	399 712	3 100 020	2 403 011	5 829 417	186 874
311	Food manufacturing	-	30	15	3 779	210 754	2 856	6 441	151 501	1 877 256	1 392 086	3 269 237	121 936
3112	Grain and oilseed milling	-	8	7	2 243	128 954	1 685	3 924	92 001	993 446	1 098 319	2 095 781	46 919
31122	Starch and vegetable fats and oils manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	33 989
31123	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311423	Dried and dehydrated food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	3	3	382	16 294	288	642	10 847	25 223	81 846	108 175	D
3222	Converted paper product manufacturing	-	3	3	382	16 294	288	642	10 847	25 223	81 846	108 175	D
32221	Paperboard container manufacturing	-	3	3	382	16 294	288	642	10 847	25 223	81 846	108 175	D
322211	Corrugated and solid fiber box manufacturing	-	3	3	382	16 294	288	642	10 847	25 223	81 846	108 175	D
323	Printing and related support activities	-	36	11	1 019	34 190	713	1 321	19 462	73 725	54 989	130 090	2 180
3231	Printing and related support activities	-	36	11	1 019	34 190	713	1 321	19 462	73 725	54 989	130 090	2 180
32311	Printing	-	34	10	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	11	5	452	17 378	340	754	10 059	38 056	21 728	59 407	893
323113	Commercial screen printing..	1	14	5	444	13 101	282	407	6 891	28 679	30 333	60 756	828
326	Plastics and rubber products manufacturing	-	12	5	718	28 522	594	1 142	22 173	89 760	82 815	172 204	5 628
3261	Plastics product manufacturing ..	-	11	5	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	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

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)				
CEDAR RAPIDS, IA METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	1	57	20	1 256	45 355	883	1 781	26 702	99 361	96 248	193 367	4 873
3323	Architectural and structural metals manufacturing	1	14	8	514	18 362	344	702	10 904	44 011	52 298	96 395	918
33231	Plate work and fabricated structural product manufacturing	1	8	4	291	9 414	224	439	6 318	28 626	40 272	68 726	526
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	28	9	461	16 385	334	635	9 930	37 547	22 055	57 611	2 987
33271	Machine shops	—	22	6	273	9 722	183	352	5 486	21 557	15 876	35 554	2 268
332710	Machine shops	—	22	6	273	9 722	183	352	5 486	21 557	15 876	35 554	2 268
333	Machinery manufacturing	1	39	18	1 824	86 534	1 021	2 104	39 785	181 215	142 224	330 252	16 376
3331	Agriculture, construction, and mining machinery manufacturing	—	7	4	476	23 341	251	512	10 422	47 540	63 931	113 412	D
33312	Construction machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	12	5	433	22 085	264	577	11 930	44 799	17 680	62 114	1 773
33351	Metalworking machinery manufacturing	2	12	5	433	22 085	264	577	11 930	44 799	17 680	62 114	1 773
3339	Other general purpose machinery manufacturing	—	6	5	591	27 236	350	693	12 760	60 594	37 246	102 871	1 354
33399	All other general purpose machinery manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	9	4	i	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	5	3	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	5	3	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	2	2	i	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	6	2	389	13 404	274	536	7 707	26 249	22 657	48 728	1 222
3363	Motor vehicle parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	—	1	1	e	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	27	4	452	14 837	276	582	6 501	35 539	26 319	62 530	1 429
3399	Other miscellaneous manufacturing	—	16	3	343	11 570	207	446	4 580	26 951	24 305	51 964	1 068

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)				
CLINTON, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	57	26	4 492	171 199	3 598	7 541	124 153	1 355 105	1 114 079	2 454 703	40 343
311	Food manufacturing	-	7	4	965	49 916	708	1 587	33 515	655 988	572 492	1 215 269	19 758
3111	Animal food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311111	Dog and cat food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	8	6	4	1 389	37 926	1 189	2 276	29 102	115 241	88 797	203 862	6 538
3261	Plastics product manufacturing ..	8	6	4	1 389	37 926	1 189	2 276	29 102	115 241	88 797	203 862	6 538
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	7	5	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	7	5	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	6	16	5	662	21 705	562	1 264	17 601	77 219	24 298	102 606	6 665
3326	Spring and wire product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
DAVENPORT-MOLINE-ROCK ISLAND, IA-IL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	436	156	24 671	965 683	17 893	35 778	623 952	3 766 353	3 881 457	7 604 788	193 973
311	Food manufacturing	-	38	11	5 733	176 152	4 343	9 255	123 175	812 011	1 245 711	2 040 336	33 445
3111	Animal food manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
311111	Dog and cat food manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	9	5	4 175	121 181	3 646	8 022	98 796	443 051	960 992	1 403 694	D
31161	Animal slaughtering and processing	-	9	5	4 175	121 181	3 646	8 022	98 796	443 051	960 992	1 403 694	D
311611	Animal (except poultry) slaughtering	-	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
3118	Bakeries and tortilla manufacturing	-	12	2	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	12	2	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	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)				
	DAVENPORT-MOLINE-ROCK ISLAND, IA-IL METROPOLITAN STATISTICAL AREA—Con.												
315	Apparel manufacturing	9	9	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	8	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3162	Footwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
316211	Rubber and plastics footwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	7	16	5	323	9 034	262	521	6 301	17 784	23 148	41 094	718
322	Paper manufacturing	2	5	4	446	13 215	345	771	7 331	33 893	38 056	72 044	D
3222	Converted paper product manufacturing	2	5	4	446	13 215	345	771	7 331	33 893	38 056	72 044	D
32221	Paperboard container manufacturing	1	3	2	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	38	4	800	26 265	538	1 049	16 910	63 634	35 669	99 431	D
3231	Printing and related support activities	-	38	4	800	26 265	538	1 049	16 910	63 634	35 669	99 431	D
32311	Printing	-	36	4	f	D	D	D	D	D	D	D	D
323117	Books printing	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	11	4	861	41 986	633	1 035	24 353	180 152	167 864	345 945	13 471
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	18	10	592	17 598	495	1 050	13 329	49 487	62 992	113 383	2 045
3261	Plastics product manufacturing ..	1	14	8	496	14 280	424	905	11 017	44 005	56 772	101 685	D
32619	Other plastics product manufacturing	-	11	6	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	10	5	326	9 005	285	594	7 059	26 280	22 929	49 838	D
327	Nonmetallic mineral product manufacturing	-	19	8	521	19 101	413	840	13 111	88 046	47 907	134 264	7 001
3273	Cement and concrete product manufacturing	-	18	7	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	15	9	h	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	3	3	h	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ..	-	3	3	h	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	3	3	h	D	D	D	D	D	D	D	D
3315	Foundries	-	11	5	f	D	D	D	D	D	D	D	2 874
33151	Ferrous metal foundries	-	3	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	-	3	2	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	-	8	3	314	11 028	250	579	7 352	28 030	14 844	42 944	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)				
	DAVENPORT-MOLINE-ROCK ISLAND, IA-IL METROPOLITAN STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing	1	'114	44	'3 058	'105 234	'2 282	'4 680	'68 343	'259 627	'160 319	'412 743	'14 374
3321	Forging and stamping.....	—	9	5	411	13 441	295	610	8 828	31 257	40 261	71 328	2 312
33211	Forging and stamping.....	—	9	5	411	13 441	295	610	8 828	31 257	40 261	71 328	2 312
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	'48	19	'1 119	'37 247	'919	'1 942	'28 320	'68 798	'42 263	'110 491	D
33271	Machine shops	2	'43	15	'863	'28 496	'691	'1 432	'20 699	'49 992	'32 457	'82 260	'2 951
332710	Machine shops	2	'43	15	'863	'28 496	'691	'1 432	'20 699	'49 992	'32 457	'82 260	'2 951
33272	Turned product and screw, nut, and bolt manufacturing	—	5	4	256	8 751	228	510	7 621	18 806	9 806	28 231	D
332721	Precision turned product manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	17	9	450	12 761	362	673	9 197	36 150	26 621	60 544	2 961
33281	Coating, engraving, heat treating, and allied activities ..	—	17	9	450	12 761	362	673	9 197	36 150	26 621	60 544	2 961
3329	Other fabricated metal product manufacturing	—	17	5	630	27 542	367	802	12 695	89 389	32 239	117 392	3 585
33291	Metal valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	15	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	61	30	6 544	325 608	4 309	7 754	196 423	1 515 844	1 161 771	2 730 606	35 542
3331	Agriculture, construction, and mining machinery manufacturing	—	16	9	4 886	256 482	3 222	5 688	157 931	1 383 872	1 038 855	2 471 045	30 506
33311	Agricultural implement manufacturing	—	10	6	3 397	185 102	2 410	4 137	120 705	884 382	741 767	1 639 699	D
333111	Farm machinery and equipment manufacturing ..	—	10	6	3 397	185 102	2 410	4 137	120 705	884 382	741 767	1 639 699	D
33312	Construction machinery manufacturing	—	6	3	1 489	71 380	812	1 551	37 226	499 490	297 088	831 346	D
333120	Construction machinery manufacturing	—	6	3	1 489	71 380	812	1 551	37 226	499 490	297 088	831 346	D
3332	Industrial machinery manufacturing	—	5	3	304	15 472	147	227	5 762	30 364	20 011	49 193	D
33329	Other industrial machinery manufacturing	—	5	3	304	15 472	147	227	5 762	30 364	20 011	49 193	D
333294	Food product machinery manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	19	8	555	21 828	401	721	13 686	35 343	28 716	65 444	1 854
33351	Metalworking machinery manufacturing	2	19	8	555	21 828	401	721	13 686	35 343	28 716	65 444	1 854
333515	Cutting tool and machine tool accessory manufacturing...	1	6	2	282	9 432	197	286	5 101	14 138	13 507	28 471	D
3339	Other general purpose machinery manufacturing	1	13	5	496	20 884	325	659	12 022	36 289	53 937	94 954	D
33392	Material handling equipment manufacturing	1	3	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	7	4	263	7 920	139	205	2 483	23 834	21 366	45 339	D
336	Transportation equipment manufacturing	—	12	3	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	21	6	327	9 477	250	528	5 662	19 083	16 131	35 173	D
339	Miscellaneous manufacturing	2	32	8	393	13 749	259	510	6 720	29 611	12 969	41 644	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)				
DUBUQUE, IA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	144	61	8 872	331 840	5 933	11 380	201 997	1 222 906	1 272 984	2 493 771	56 868
311	Food manufacturing	-	14	5	572	18 690	294	511	9 496	47 964	125 366	168 253	3 647
321	Wood product manufacturing	-	11	6	998	28 487	683	1 463	17 572	80 667	65 324	147 483	1 387
3212	Veneer, plywood, and engineered wood product manufacturing	-	4	3	428	13 853	303	646	7 843	42 943	32 893	75 707	659
32121	Veneer, plywood, and engineered wood product manufacturing	-	4	3	428	13 853	303	646	7 843	42 943	32 893	75 707	659
321214	Truss manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
32191	Millwork	-	4	1	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	20	5	670	20 130	509	917	14 672	51 179	22 267	72 297	15 390
3231	Printing and related support activities	1	20	5	670	20 130	509	917	14 672	51 179	22 267	72 297	15 390
32311	Printing	-	16	4	f	D	D	D	D	D	D	D	D
323117	Books printing	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	9	5	373	11 464	304	660	8 748	24 949	42 074	66 932	2 816
3261	Plastics product manufacturing ..	4	5	3	279	8 277	232	494	6 355	12 920	26 381	39 309	D
332	Fabricated metal product manufacturing	-	28	14	1 472	49 662	1 116	2 091	35 766	100 967	105 903	207 878	7 613
3321	Forging and stamping	3	2	2	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	3	2	2	e	D	D	D	D	D	D	D	D
332116	Metal stamping	3	2	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	7	5	794	27 277	547	1 136	18 203	60 551	57 161	118 382	5 602
33291	Metal valve manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	14	8	g	D	D	D	D	D	D	D	9 992
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	5	4	389	13 387	321	583	10 680	26 985	32 141	58 575	D
3363	Motor vehicle parts manufacturing	1	3	3	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	12	1	558	27 082	290	596	9 730	29 072	32 608	61 685	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	9	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture 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.

[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)				
DUBUQUE, IA METROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	-	11	4	603	20 016	368	702	9 515	55 138	33 917	87 996	D
3391	Medical equipment and supplies manufacturing	-	5	3	532	18 026	323	627	8 469	49 466	30 882	79 326	D
33911	Medical equipment and supplies manufacturing	-	5	3	532	18 026	323	627	8 469	49 466	30 882	79 326	D
339111	Laboratory apparatus and furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
FORT DODGE, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	52	14	2 154	79 941	1 375	3 086	48 264	613 126	436 587	1 034 648	40 811
311	Food manufacturing	-	9	3	e	D	D	D	D	D	D	D	4 440
325	Chemical manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
IOWA CITY, IA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	115	32	5 916	201 084	4 323	8 158	140 239	3 143 892	1 501 719	4 619 771	78 779
311	Food manufacturing	-	17	6	441	15 733	257	543	8 841	151 818	136 403	288 245	3 316
322	Paper manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	15	5	738	22 315	366	713	10 399	65 322	34 558	100 341	4 696
3231	Printing and related support activities	-	15	5	738	22 315	366	713	10 399	65 322	34 558	100 341	4 696
32311	Printing	-	15	5	738	22 315	366	713	10 399	65 322	34 558	100 341	4 696
323110	Commercial lithographic printing	-	4	3	368	11 711	214	436	5 856	26 724	12 982	39 989	3 151
323116	Manifold business forms printing	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	9	5	1 583	47 809	1 219	2 586	37 840	74 208	106 751	181 139	14 754
3261	Plastics product manufacturing ..	-	9	5	1 583	47 809	1 219	2 586	37 840	74 208	106 751	181 139	14 754
32614	Polystyrene foam product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	6	3	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)				
IOWA CITY, IA METROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	2	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	18	2	698	31 385	537	1 068	22 108	105 120	60 227	166 410	D
3399	Other miscellaneous manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
KEOKUK-FORT MADISON, IA-MO MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	76	33	5 110	195 262	3 963	7 930	134 717	768 612	563 419	1 335 048	48 330
311	Food manufacturing	-	5	4	1 070	52 599	727	1 538	31 393	171 221	186 638	360 757	D
3112	Grain and oilseed milling	-	3	3	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	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
322	Paper manufacturing	-	4	3	266	12 335	225	264	8 109	35 185	41 847	76 918	D
325	Chemical manufacturing	-	6	4	473	23 315	360	783	16 107	233 193	112 806	345 775	6 342
326	Plastics and rubber products manufacturing	-	5	4	1 127	37 176	928	1 930	27 779	93 210	64 472	159 302	4 844
3262	Rubber product manufacturing ...	-	3	3	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3315	Foundries	-	4	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	23	8	869	22 520	670	1 255	15 566	93 590	92 262	186 038	D
3329	Other fabricated metal product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	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	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)				
MARSHALLTOWN, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	47	15	5 398	193 555	3 938	7 873	111 735	1 058 620	794 714	1 860 197	17 315
311	Food manufacturing	-	3	1	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
332	Fabricated metal product manufacturing	1	9	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	2 414
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	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	1	g	D	D	D	D	D	D	D	D
MASON CITY, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	69	27	4 091	130 847	3 132	5 772	91 257	411 694	499 132	906 223	28 534
311	Food manufacturing	-	13	7	595	18 230	465	980	12 027	81 272	233 043	313 995	5 761
3116	Animal slaughtering and processing	-	3	2	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
32191	Millwork	-	2	2	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	9	4	420	17 780	333	672	13 579	86 335	55 635	138 499	10 048
3273	Cement and concrete product manufacturing	-	7	4	e	D	D	D	D	D	D	D	10 048
32731	Cement manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
327310	Cement manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	2	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
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment 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	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)				
MUSCATINE, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	84	42	9 399	333 982	7 393	14 837	234 153	2 008 990	1 737 249	3 753 029	66 055
311	Food manufacturing	1	10	6	3 979	127 311	3 160	6 583	87 261	334 853	668 079	1 007 313	33 504
3112	Grain and oilseed milling	-	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	3	4	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	3	4	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	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
325	Chemical manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	9	8	528	12 609	459	920	10 133	39 402	42 855	83 865	1 088
3261	Plastics product manufacturing ..	-	7	7	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	5	5	370	7 845	322	645	6 153	23 695	20 312	45 129	569
326199	All other plastics product manufacturing	-	5	5	370	7 845	322	645	6 153	23 695	20 312	45 129	569
331	Primary metal manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	12	3	283	9 053	242	524	7 184	16 661	9 831	26 247	259
333	Machinery manufacturing	-	6	3	365	15 558	200	429	9 573	23 422	65 083	89 542	1 456
3339	Other general purpose machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	7	6	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	-	2	2	g	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)				
OSKALOOSA, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	28	8	822	29 383	668	1 404	21 687	100 621	123 103	225 193	6 075
332	Fabricated metal product manufacturing	-	4	3	f	D	D	D	D	D	D	D	2 547
3329	Other fabricated metal product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
OTTUMWA, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	32	12	4 112	155 225	3 241	7 093	106 333	710 036	1 028 304	1 722 851	51 712
311	Food manufacturing	-	8	5	h	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	2	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
SPENCER, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	29	13	1 294	42 714	1 066	1 947	30 770	118 943	108 154	226 804	5 582
323	Printing and related support activities	-	5	2	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	5	2	e	D	D	D	D	D	D	D	D
32311	Printing	-	5	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	9	5	260	7 678	206	441	5 200	20 536	13 552	34 045	454
333	Machinery manufacturing	-	4	3	541	21 359	442	841	14 957	61 680	56 486	117 967	2 391
3339	Other general purpose machinery manufacturing	-	2	2	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
SPIRIT LAKE, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	31	8	2 127	70 833	1 620	3 064	43 370	357 127	341 603	721 898	7 292
314	Textile product mills	-	1	1	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	-	1	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	-	1	1	e	D	D	D	D	D	D	D	D
314991	Rope, cordage, and twine mills	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336999	All other transportation equipment 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	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)				
SPIRIT LAKE, IA MICROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
STORM LAKE, IA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	29	8	2 841	76 905	2 468	5 338	64 496	157 743	629 059	790 867	D
311	Food manufacturing	1	8	4	2 479	66 643	2 184	4 772	57 757	134 158	605 144	743 614	4 235
3116	Animal slaughtering and processing	1	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	2	2	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
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
WATERLOO-CEDAR FALLS, IA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	210	86	14 921	579 260	11 217	23 781	378 990	2 206 286	2 653 736	4 873 727	140 114
311	Food manufacturing	—	25	10	3 451	95 285	2 981	6 708	76 890	272 964	809 681	1 074 854	37 604
3113	Sugar and confectionery product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	—	1	1	e	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	—	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	8	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	8	3	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	5	1	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	5	4	2	251	7 643	204	393	5 295	30 082	40 392	70 276	D
323	Printing and related support activities	—	24	6	541	17 081	349	630	9 073	38 347	19 557	57 601	2 696
3231	Printing and related support activities	—	24	6	541	17 081	349	630	9 073	38 347	19 557	57 601	2 696
32311	Printing	—	20	6	524	16 292	337	609	8 583	36 671	19 204	55 572	D
323110	Commercial lithographic printing	—	12	5	377	12 459	270	515	7 199	28 649	13 788	41 864	2 449
331	Primary metal manufacturing	—	4	3	e	D	D	D	D	D	D	D	806
3315	Foundries	—	4	3	e	D	D	D	D	D	D	D	806
33151	Ferrous metal foundries	—	4	3	e	D	D	D	D	D	D	D	806
331511	Iron foundries	—	3	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	44	19	1 404	49 790	1 075	2 035	35 793	99 877	62 169	167 030	5 603
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	21	7	744	28 036	571	1 129	19 743	54 727	39 089	95 244	2 861
33271	Machine shops	1	17	5	e	D	D	D	D	D	D	D	1 887
332710	Machine shops	1	17	5	e	D	D	D	D	D	D	D	1 887
33272	Turned product and screw, nut, and bolt manufacturing	—	4	2	e	D	D	D	D	D	D	D	974
332721	Precision turned product manufacturing	—	4	2	e	D	D	D	D	D	D	D	974
3328	Coating, engraving, heat treating, and allied activities	—	8	5	271	7 222	216	323	5 244	20 604	5 520	26 130	1 683
33281	Coating, engraving, heat treating, and allied activities ..	—	8	5	271	7 222	216	323	5 244	20 604	5 520	26 130	1 683

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)				
WATERLOO-CEDAR FALLS, IA METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	-	26	14	h	D	D	D	D	D	D	D	75 595
3331	Agriculture, construction, and mining machinery manufacturing	-	8	5	h	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	5	4	h	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	5	4	h	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	2	2	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
3339	Other general purpose machinery manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	4	8	4	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	13	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	2	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	8	2	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	8	2	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	19	8	384	11 615	269	495	5 924	28 939	12 512	41 642	1 194
3399	Other miscellaneous manufacturing	1	12	6	286	8 996	197	370	4 357	24 734	10 987	35 902	1 032

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	-	6	2	f	D	D	D	D	D	D	D	D
ALLAMAKEE													
31-33	Manufacturing	6	28	8	1 630	43 253	1 409	2 363	34 868	121 556	238 088	358 273	6 480
311	Food manufacturing	7	6	3	g	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
311611	Animal (except poultry) slaughtering	9	1	1	f	D	D	D	D	D	D	D	D
APPANOOSE													
31-33	Manufacturing	1	18	6	1 198	35 732	1 035	2 121	28 284	101 587	83 584	187 105	D
326	Plastics and rubber products manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
BENTON													
31-33	Manufacturing	6	31	6	807	28 992	562	1 120	16 830	83 516	74 705	154 531	4 629
BLACK HAWK													
31-33	Manufacturing	-	157	64	12 878	506 159	9 712	20 799	330 733	2 058 977	2 275 345	4 353 832	95 932
311	Food manufacturing	-	17	8	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	6	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	6	3	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	3	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	34	16	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	18	10	h	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	3	2	h	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	2	2	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
337	Furniture and related product manufacturing	-	8	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	4	2	g	D	D	D	D	D	D	D	D
BOONE													
31-33	Manufacturing	-	35	14	f	D	D	D	D	D	D	D	8 604
BREMER													
31-33	Manufacturing	-	37	17	1 609	60 670	1 149	2 380	39 714	116 611	327 350	438 025	D
BUCHANAN													
31-33	Manufacturing	-	34	12	1 358	40 337	1 164	2 465	28 861	107 784	206 868	317 022	7 423

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)				
BUENA VISTA													
31-33	Manufacturing	1	29	8	2 841	76 905	2 468	5 338	64 496	157 743	629 059	790 867	D
311	Food manufacturing	1	8	4	2 479	66 643	2 184	4 772	57 757	134 158	605 144	743 614	4 235
3116	Animal slaughtering and processing	1	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	2	2	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
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
CARROLL													
31-33	Manufacturing	—	35	10	1 428	40 266	1 184	2 171	29 422	141 510	271 240	408 111	15 205
321	Wood product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork	—	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
CASS													
31-33	Manufacturing	3	23	7	702	20 302	562	1 092	14 484	61 942	51 280	113 196	2 566
CEDAR													
31-33	Manufacturing	—	30	8	654	22 780	497	902	13 720	53 867	86 787	139 123	914
CERRO GORDO													
31-33	Manufacturing	—	55	23	3 760	121 543	2 870	5 229	84 959	396 710	472 840	864 708	D
311	Food manufacturing	—	11	6	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
32191	Millwork	—	2	2	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
CHEROKEE													
31-33	Manufacturing	—	17	3	832	27 450	695	1 422	20 474	52 584	83 279	137 415	1 339
311	Food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	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
CHICKASAW													
31-33	Manufacturing	—	33	9	1 073	32 322	837	1 599	20 801	110 052	180 029	292 099	7 030
CLARKE													
31-33	Manufacturing	8	14	8	1 056	30 539	940	1 837	25 987	92 841	308 068	401 240	4 943
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	9	1	1	f	D	D	D	D	D	D	D	D
CLAY													
31-33	Manufacturing	—	29	13	1 294	42 714	1 066	1 947	30 770	118 943	108 154	226 804	5 582
333	Machinery manufacturing	—	4	3	541	21 359	442	841	14 957	61 680	56 486	117 967	2 391
CLAYTON													
31-33	Manufacturing	1	32	10	1 022	21 522	811	1 472	14 992	49 493	100 753	153 751	9 762

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)				
CLINTON													
31-33	Manufacturing	1	57	26	4 492	171 199	3 598	7 541	124 153	1 355 105	1 114 079	2 454 703	40 343
311	Food manufacturing	—	7	4	965	49 916	708	1 587	33 515	655 988	572 492	1 215 269	19 758
3112	Grain and oilseed milling	—	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	8	6	4	1 389	37 926	1 189	2 276	29 102	115 241	88 797	203 862	6 538
3261	Plastics product manufacturing ..	8	6	4	1 389	37 926	1 189	2 276	29 102	115 241	88 797	203 862	6 538
32619	Other plastics product manufacturing	7	5	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	7	5	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	6	16	5	662	21 705	562	1 264	17 601	77 219	24 298	102 606	6 665
CRAWFORD													
31-33	Manufacturing	—	24	11	2 189	66 896	1 875	4 137	48 407	119 145	834 538	946 292	19 162
311	Food manufacturing	—	8	6	1 983	62 202	1 713	3 872	45 226	107 430	824 328	924 500	D
3116	Animal slaughtering and processing	—	6	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	6	5	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	4	3	g	D	D	D	D	D	D	D	D
DALLAS													
31-33	Manufacturing	—	39	14	2 149	63 489	1 752	3 862	46 068	144 083	273 230	417 223	11 211
311	Food manufacturing	—	3	1	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
DELAWARE													
31-33	Manufacturing	3	38	10	1 231	42 919	985	1 832	30 744	62 109	116 688	178 498	3 671
DES MOINES													
31-33	Manufacturing	—	65	26	i	D	D	D	D	D	D	D	D
311	Food manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	7	4	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	6	4	f	D	D	D	D	D	D	D	1 137
3331	Agriculture, construction, and mining machinery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DES MOINES—Con.													
334	Computer and electronic product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
DICKINSON													
31-33	Manufacturing	-	31	8	2 127	70 833	1 620	3 064	43 370	357 127	341 603	721 898	7 292
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
DUBUQUE													
31-33	Manufacturing	-	144	61	8 872	331 840	5 933	11 380	201 997	1 222 906	1 272 984	2 493 771	56 868
311	Food manufacturing	-	14	5	572	18 690	294	511	9 496	47 964	125 366	168 253	3 647
321	Wood product manufacturing	-	11	6	f	D	D	D	D	D	D	D	1 387
3219	Other wood product manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	20	5	670	20 130	509	917	14 672	51 179	22 267	72 297	15 390
3231	Printing and related support activities	1	20	5	670	20 130	509	917	14 672	51 179	22 267	72 297	15 390
32311	Printing	-	16	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	28	14	1 472	49 662	1 116	2 091	35 766	100 967	105 903	207 878	7 613
3329	Other fabricated metal product manufacturing	-	7	5	794	27 277	547	1 136	18 203	60 551	57 161	118 382	5 602
333	Machinery manufacturing	-	14	8	g	D	D	D	D	D	D	D	9 992
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DUBUQUE—Con.													
337	Furniture and related product manufacturing	-	12	1	558	27 082	290	596	9 730	29 072	32 608	61 685	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	9	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	11	4	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
EMMET													
31-33	Manufacturing	1	18	7	774	22 046	636	1 173	16 879	97 596	88 517	188 120	7 049
FAYETTE													
31-33	Manufacturing	-	35	11	1 059	28 028	807	1 576	18 761	111 571	136 612	246 482	2 211
FLOYD													
31-33	Manufacturing	-	17	8	954	31 649	638	1 469	17 929	74 793	34 520	107 383	23 639
325	Chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
FRANKLIN													
31-33	Manufacturing	1	21	6	605	20 372	461	896	11 518	44 715	38 124	84 100	D
GREENE													
31-33	Manufacturing	3	14	4	517	15 975	410	752	10 765	33 182	57 404	91 010	1 305
HAMILTON													
31-33	Manufacturing	-	30	11	2 968	90 491	2 623	4 928	73 917	155 480	541 541	696 682	4 697
335	Electrical equipment, appliance, and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335224	Household laundry equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
HANCOCK													
31-33	Manufacturing	-	31	8	1 034	32 958	759	1 529	20 075	82 413	168 793	246 057	3 421
HARDIN													
31-33	Manufacturing	-	40	14	1 348	32 676	975	1 881	21 214	147 400	300 024	425 590	4 911
311	Food manufacturing	-	4	3	634	10 611	413	814	6 525	78 292	270 804	326 637	2 464
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	f	D	D	D	D	D	D	D	D

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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)				
HENRY													
31-33	Manufacturing	-	31	13	2 605	87 533	1 956	3 980	59 186	205 736	302 548	503 913	8 224
333	Machinery manufacturing	-	6	1	f	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
333414	Heating equipment (except warm air furnaces) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HOWARD													
31-33	Manufacturing	-	23	4	1 472	45 143	1 195	2 253	32 321	114 504	90 359	205 120	1 939
336	Transportation equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HUMBOLDT													
31-33	Manufacturing	-	26	12	1 067	33 507	725	1 447	19 470	76 126	96 683	172 356	6 350
333	Machinery manufacturing	-	8	6	605	19 173	415	805	10 826	39 760	58 380	97 616	1 738
IDA													
31-33	Manufacturing	-	11	4	854	29 303	648	1 287	18 179	89 777	94 147	181 078	4 984
IOWA													
31-33	Manufacturing	-	30	8	4 168	151 160	3 247	6 356	105 237	545 542	479 892	1 024 957	40 803
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	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
335222	Household refrigerator and home freezer manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	-	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	-	2	2	f	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	2	43	17	1 042	31 974	842	1 447	22 383	74 432	90 067	166 144	4 730

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JASPER													
31-33	Manufacturing	-	49	13	4 874	230 771	3 395	6 092	120 105	474 860	487 666	959 486	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
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
335224	Household laundry equipment manufacturing ..	-	1	1	h	D	D	D	D	D	D	D	D
JEFFERSON													
31-33	Manufacturing	-	43	13	1 381	47 700	1 097	2 055	33 426	108 398	100 709	207 602	6 649
JOHNSON													
31-33	Manufacturing	-	75	18	4 605	161 190	3 324	6 122	113 085	3 032 308	1 410 031	4 413 061	74 642
323	Printing and related support activities	-	12	4	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	12	4	f	D	D	D	D	D	D	D	D
32311	Printing	-	12	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	5	3	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	2	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	16	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
JONES													
31-33	Manufacturing	-	29	6	635	21 755	478	948	14 859	77 878	77 522	153 260	2 843
KOSSUTH													
31-33	Manufacturing	1	24	9	1 005	34 873	827	1 653	24 713	93 951	87 477	182 945	6 056

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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)				
LEE													
31-33	Manufacturing	-	66	31	i	D	D	D	D	D	D	D	D
311	Food manufacturing	-	5	4	1 070	52 599	727	1 538	31 393	171 221	186 638	360 757	D
3112	Grain and oilseed milling	-	3	3	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	5	4	1 127	37 176	928	1 930	27 779	93 210	64 472	159 302	D
3262	Rubber product manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	20	8	f	D	D	D	D	D	D	D	D
LINN													
31-33	Manufacturing	-	234	88	18 044	909 701	8 480	16 909	368 023	2 938 626	2 250 784	5 521 626	179 402
311	Food manufacturing	-	21	14	h	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	7	7	g	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	33 989
31123	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311423	Dried and dehydrated food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	34	11	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	34	11	g	D	D	D	D	D	D	D	D
32311	Printing	-	32	10	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	47	17	1 009	37 448	711	1 443	21 824	67 602	56 836	124 746	D
333	Machinery manufacturing	1	32	15	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	9	4	i	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	5	3	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	5	3	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	2	2	i	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	1	1	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)				
LOUISA													
31-33	Manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	g	D	D	D	D	D	D	D	D
LYON													
31-33	Manufacturing	4	22	6	516	17 364	342	666	10 752	37 511	35 735	71 710	3 143
MAHASKA													
31-33	Manufacturing	1	28	8	822	29 383	668	1 404	21 687	100 621	123 103	225 193	6 075
332	Fabricated metal product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
MARION													
31-33	Manufacturing	-	47	17	7 515	314 513	4 922	9 982	164 325	876 110	531 868	1 401 167	40 956
321	Wood product manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	h	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	10	6	2 220	72 681	1 395	2 204	35 250	161 130	202 133	362 943	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
MARSHALL													
31-33	Manufacturing	-	47	15	5 398	193 555	3 938	7 873	111 735	1 058 620	794 714	1 860 197	17 315
311	Food manufacturing	-	3	1	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
332	Fabricated metal product manufacturing	1	9	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	2	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	1	g	D	D	D	D	D	D	D	D
MITCHELL													
31-33	Manufacturing	-	20	7	889	28 800	704	1 363	18 931	109 853	89 752	201 279	4 016

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)				
MONTGOMERY													
31-33	Manufacturing	-	12	6	831	25 025	644	1 083	16 875	64 180	75 456	141 179	6 167
332	Fabricated metal product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
MUSCATINE													
31-33	Manufacturing	-	73	37	i	D	D	D	D	D	D	D	D
311	Food manufacturing	2	8	5	h	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	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
325	Chemical manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	7	6	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
O'BRIEN													
31-33	Manufacturing	4	28	8	1 071	28 996	857	1 744	21 608	66 736	328 707	394 309	12 584
OSCEOLA													
31-33	Manufacturing	-	14	5	535	14 061	445	823	10 590	54 210	73 082	125 127	2 107
PAGE													
31-33	Manufacturing	-	25	9	2 015	76 429	1 762	3 076	62 114	275 987	224 649	503 071	9 679
321	Wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PALO ALTO													
31-33	Manufacturing	-	21	7	544	18 070	359	502	9 767	51 556	157 437	210 272	2 075

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)				
PLYMOUTH													
31-33	Manufacturing	-	30	10	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
POCAHONTAS													
31-33	Manufacturing	1	18	7	549	19 169	357	754	10 907	38 806	42 496	81 501	677
POLK													
31-33	Manufacturing	-	399	120	17 294	655 518	11 790	22 198	385 425	2 286 551	2 510 570	4 794 605	111 405
311	Food manufacturing	-	52	21	h	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	9	4	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	9	4	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	2	8	3	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	85	21	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	3	85	21	g	D	D	D	D	D	D	D	D
32311	Printing	2	74	18	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	34	10	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	20	7	678	35 165	367	768	13 846	180 624	215 518	393 837	D
326	Plastics and rubber products manufacturing	-	15	11	2 884	124 577	2 357	4 473	96 253	259 042	296 255	561 078	D
3261	Plastics product manufacturing	-	11	8	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	29	11	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	18	10	f	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	2	8	6	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	2	8	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	46	6	1 283	44 784	879	1 667	24 630	216 514	106 272	319 050	5 769
3323	Architectural and structural metals manufacturing	-	11	2	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	9	2	f	D	D	D	D	D	D	D	D
332321	Metal window and door 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)				
POLK—Con.													
333	Machinery manufacturing	-	27	11	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	4	3	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	12	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	15	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	36	8		713	18 649	537	1 043	10 914	37 934	29 039	68 110
POTTAWATTAMIE													
31-33	Manufacturing	-	65	22		4 717	140 217	3 972	8 549	108 622	498 198	1 237 495	1 734 273
311	Food manufacturing	-	9	6	h	D	D	D	D	D	D	D	48 867
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	3	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	4	3	g	D	D	D	D	D	D	D	D
POWESHIEK													
31-33	Manufacturing	-	32	15		1 443	45 856	1 114	2 156	30 901	142 152	122 269	264 732
336	Transportation equipment manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
SCOTT													
31-33	Manufacturing	-	201	76		12 169	502 167	8 358	16 973	315 040	2 086 645	1 706 110	3 700 019
311	Food manufacturing	-	12	3		2 892	106 300	1 959	3 916	68 526	634 575	407 954	1 023 391
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	25	4		753	25 126	503	1 006	16 217	61 548	34 571	96 251
3231	Printing and related support activities	-	25	4		753	25 126	503	1 006	16 217	61 548	34 571	96 251
32311	Printing	-	23	4	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)				
SCOTT—Con.													
331	Primary metal manufacturing	—	11	7	h	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	3	3	h	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing . . .	—	3	3	h	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	—	3	3	h	D	D	D	D	D	D	D	D
3315	Foundries	—	7	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	42	18	1 218	46 059	870	1 789	27 661	92 345	45 971	138 763	D
333	Machinery manufacturing	—	27	14	2 377	106 117	1 428	2 629	56 859	518 688	273 225	796 594	9 234
3331	Agriculture, construction, and mining machinery manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
SIoux													
31-33	Manufacturing	3	86	29	4 138	110 980	3 427	6 062	78 325	254 410	376 412	630 345	20 792
311	Food manufacturing	4	19	6	865	24 693	762	1 610	19 086	72 661	187 322	258 171	4 319
3116	Animal slaughtering and processing	3	12	5	738	21 528	647	1 349	16 207	60 134	156 844	215 193	3 416
31161	Animal slaughtering and processing	3	12	5	738	21 528	647	1 349	16 207	60 134	156 844	215 193	3 416
321	Wood product manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
32191	Millwork	—	1	1	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	16	5	656	21 026	510	994	14 368	51 692	23 868	75 429	2 232
333	Machinery manufacturing	1	11	6	623	16 941	481	1 014	10 164	41 702	34 937	76 833	2 415
STORY													
31-33	Manufacturing	—	69	30	3 753	148 524	2 468	4 779	77 611	590 384	424 777	1 023 889	39 508
327	Nonmetallic mineral product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	6	4	789	38 858	372	621	12 770	102 378	87 895	194 383	3 418
3339	Other general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
UNION													
31-33	Manufacturing	—	15	9	1 282	38 528	891	1 523	22 857	85 702	75 426	154 446	4 155
333	Machinery manufacturing	—	3	3	627	17 006	385	530	7 651	45 095	33 648	73 727	D
WAPELLO													
31-33	Manufacturing	—	32	12	4 112	155 225	3 241	7 093	106 333	710 036	1 028 304	1 722 851	51 712
311	Food manufacturing	—	8	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	2	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
WASHINGTON													
31-33	Manufacturing	1	40	14	1 311	39 894	999	2 036	27 154	111 584	91 688	206 710	4 137

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)				
WEBSTER													
31-33	Manufacturing	-	52	14	2 154	79 941	1 375	3 086	48 264	613 126	436 587	1 034 648	40 811
325	Chemical manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
WINNEBAGO													
31-33	Manufacturing	-	18	6	4 696	154 864	3 870	7 087	96 488	415 690	622 125	1 020 598	12 824
336	Transportation equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336213	Motor home manufacturing ..	-	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
WINNESHIEK													
31-33	Manufacturing	-	28	8	1 693	51 004	1 460	2 744	39 169	111 894	123 848	237 461	5 392
332	Fabricated metal product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
WOODBURY													
31-33	Manufacturing	2	108	51	i	D	D	D	D	D	D	D	38 566
311	Food manufacturing	3	26	19	3 091	89 510	2 574	5 027	64 891	378 637	1 133 384	1 486 909	D
3116	Animal slaughtering and processing	6	10	8	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	6	10	8	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	7	5	4	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ..	3	5	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
WRIGHT													
31-33	Manufacturing	1	30	11	1 161	38 842	897	1 797	25 961	205 079	315 788	511 548	6 245
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	-	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	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)				
ALGONA													
31-33	Manufacturing	-	17	6	820	29 626	670	1 337	20 954	81 425	70 319	153 131	5 383
AMES													
31-33	Manufacturing	-	41	17	2 389	103 940	1 420	2 791	47 145	452 918	306 290	770 746	31 561
327	Nonmetallic mineral product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ANKENY													
31-33	Manufacturing	-	22	8	1 834	100 734	1 206	2 165	57 455	475 717	377 395	854 685	17 616
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	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
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
ATLANTIC													
31-33	Manufacturing	4	13	5	f	D	D	D	D	D	D	D	2 296
BELMOND													
31-33	Manufacturing	-	10	4	711	23 204	600	1 246	18 243	69 040	32 995	102 083	3 453
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BETTENDORF													
31-33	Manufacturing	2	35	15	1 002	34 950	733	1 523	21 777	81 435	47 962	130 438	D
BOONE													
31-33	Manufacturing	-	20	10	f	D	D	D	D	D	D	D	8 212
BURLINGTON													
31-33	Manufacturing	-	35	15	2 999	104 006	2 231	4 690	72 967	310 500	402 189	735 557	D
311	Food manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	2	2	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
33312	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)				
BURLINGTON—Con.													
334	Computer and electronic product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
CAMANCHE													
31-33	Manufacturing	8	6	3	f	D	D	D	D	D	D	D	D
CARROLL													
31-33	Manufacturing	—	19	6	1 130	30 731	967	1 754	23 563	106 742	113 501	216 041	D
321	Wood product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork	—	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
CEDAR FALLS													
31-33	Manufacturing	—	43	16	g	D	D	D	D	D	D	D	D
CEDAR RAPIDS													
31-33	Manufacturing	—	141	68	15 778	798 726	6 851	13 401	294 106	2 041 342	1 977 875	4 352 257	105 419
311	Food manufacturing	—	15	13	2 757	147 170	2 109	4 765	104 687	1 059 980	1 157 281	2 220 692	D
3112	Grain and oilseed milling	—	7	7	g	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	3	3	f	D	D	D	D	D	D	D	33 989
31123	Breakfast cereal manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	21	6	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	—	21	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	3	532	23 245	431	849	17 830	64 761	71 328	136 154	D
3261	Plastics product manufacturing ..	—	5	3	532	23 245	431	849	17 830	64 761	71 328	136 154	D
332	Fabricated metal product manufacturing	1	28	14	828	31 018	578	1 179	17 795	52 501	47 454	100 321	D
333	Machinery manufacturing	—	17	11	1 252	60 620	693	1 422	26 572	125 726	111 199	243 281	7 017
334	Computer and electronic product manufacturing	—	7	3	i	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	5	3	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	5	3	i	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	2	2	i	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)				
CEDAR RAPIDS—Con.													
335	Electrical equipment, appliance, and component manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
CENTERVILLE													
31-33	Manufacturing	1	12	5	1 125	33 592	980	2 009	27 144	95 639	80 393	176 926	D
326	Plastics and rubber products manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
CHARLES CITY													
31-33	Manufacturing	—	12	8	927	30 781	618	1 436	17 318	73 102	33 493	104 677	D
325	Chemical manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
CHEROKEE													
31-33	Manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
311	Food manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	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
CLARINDA													
31-33	Manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
CLEAR LAKE													
31-33	Manufacturing	—	12	3	f	D	D	D	D	D	D	D	D
CLINTON													
31-33	Manufacturing	—	27	12	2 843	114 659	2 281	4 967	83 100	1 129 805	1 005 018	2 118 783	28 657
311	Food manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	3	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	6	3	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	6	3	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	6	3	1	f	D	D	D	D	D	D	D	D
CLIVE													
31-33	Manufacturing	2	19	8	907	23 160	646	1 177	14 803	153 188	90 527	238 905	8 763
CORALVILLE													
31-33	Manufacturing	—	9	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)				
COUNCIL BLUFFS													
31-33	Manufacturing	-	46	19	h	D	D	D	D	D	D	D	48 355
311	Food manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	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
CRESCO													
31-33	Manufacturing	-	15	4	1 433	43 979	1 163	2 183	31 439	110 771	84 976	196 003	1 599
336	Transportation equipment manufacturing	-	2	2	g	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
CRESTON													
31-33	Manufacturing	-	13	8	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	3	627	17 006	385	530	7 651	45 095	33 648	73 727	D
DAVENPORT													
31-33	Manufacturing	-	114	45	7 619	302 058	5 005	9 971	177 011	1 398 455	1 117 025	2 497 340	53 504
311	Food manufacturing	-	7	3	2 855	105 446	1 927	3 872	67 853	632 779	406 365	1 020 007	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
311612	Meat processed from carcasses	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	19	9	673	27 279	433	947	14 073	55 920	22 778	79 489	D
333	Machinery manufacturing	-	15	10	2 139	96 432	1 245	2 247	50 200	506 355	259 974	769 994	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	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
DECORAH													
31-33	Manufacturing	-	12	5	1 117	32 602	961	1 937	24 857	82 161	101 606	185 310	3 301
332	Fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)				
DENISON													
31-33	Manufacturing	-	13	6	g	D	D	D	D	D	D	D	5 487
311	Food manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	2	g	D	D	D	D	D	D	D	D
DES MOINES													
31-33	Manufacturing	-	212	64	7 350	257 990	4 976	9 841	143 990	912 844	1 174 236	2 081 242	32 291
311	Food manufacturing	-	29	10	1 683	55 364	1 016	2 325	30 111	269 993	672 122	937 861	10 150
3115	Dairy product manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	7	3	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	7	3	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	6	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	52	15	1 224	39 945	919	1 514	24 382	70 659	52 234	124 711	5 796
3231	Printing and related support activities	3	52	15	1 224	39 945	919	1 514	24 382	70 659	52 234	124 711	5 796
32311	Printing	2	43	12	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	15	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	24	3	793	27 651	480	893	11 981	95 062	68 518	160 008	4 305
3323	Architectural and structural metals manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	26	7	595	14 964	450	869	9 021	29 649	26 909	57 602	1 162
DE WITT													
31-33	Manufacturing	1	16	10	927	29 998	739	1 509	21 744	124 187	74 080	198 918	3 693
DUBUQUE													
31-33	Manufacturing	-	91	39	4 932	169 984	3 318	6 369	104 218	398 435	474 685	866 089	35 381
311	Food manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	18	5	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	18	5	f	D	D	D	D	D	D	D	D
32311	Printing	-	15	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	19	10	1 027	35 329	739	1 351	24 053	82 704	82 584	166 331	2 089
3329	Other fabricated metal product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
DUBUQUE—Con.													
339	Miscellaneous manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
DYERSVILLE													
31-33	Manufacturing	—	18	6	856	24 086	680	1 228	15 642	50 393	51 469	101 661	8 115
ELDRIDGE													
31-33	Manufacturing	—	16	7	f	D	D	D	D	D	D	D	D
FAIRFIELD													
31-33	Manufacturing	—	34	13	1 355	46 989	1 077	2 016	32 970	107 067	97 534	203 096	6 540
FOREST CITY													
31-33	Manufacturing	—	5	1	h	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336213	Motor home manufacturing ..	—	1	1	h	D	D	D	D	D	D	D	D
FORT DODGE													
31-33	Manufacturing	—	35	10	1 039	39 257	800	1 766	28 880	311 695	262 522	570 038	D
FORT MADISON													
31-33	Manufacturing	—	19	13	1 863	75 156	1 471	2 827	51 738	376 770	169 585	547 634	14 754
GRIMES													
31-33	Manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
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
GRINNELL													
31-33	Manufacturing	—	21	10	922	28 389	745	1 468	21 026	84 893	63 676	148 081	1 918
HIAWATHA													
31-33	Manufacturing	1	17	7	616	25 337	428	933	13 347	53 391	36 507	89 509	D
HUMBOLDT													
31-33	Manufacturing	—	23	11	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	8	6	605	19 173	415	805	10 826	39 760	58 380	97 616	1 738
INDEPENDENCE													
31-33	Manufacturing	—	13	5	684	21 861	572	1 221	15 021	43 476	142 431	186 417	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)				
IOWA CITY													
31-33	Manufacturing	-	44	13	3 190	115 827	2 203	4 343	81 419	2 713 976	1 281 992	3 967 398	68 198
323	Printing and related support activities	-	11	4	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	11	4	f	D	D	D	D	D	D	D	D
32311	Printing	-	11	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	11	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
KEOKUK													
31-33	Manufacturing	-	30	12	2 771	102 806	2 115	4 317	70 918	322 052	314 160	638 355	D
311	Food manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	3	3	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	2	2	f	D	D	D	D	D	D	D	D
331513	Steel foundries (except investment)	-	2	2	f	D	D	D	D	D	D	D	D
KNOXVILLE													
31-33	Manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
LE MARS													
31-33	Manufacturing	-	14	6	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
MANCHESTER													
31-33	Manufacturing	-	15	5	864	30 051	720	1 305	22 571	30 743	74 651	105 559	2 076
MAQUOKETA													
31-33	Manufacturing	2	23	12	629	20 430	504	947	14 590	53 455	71 373	126 284	3 515

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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)				
MARION													
31-33	Manufacturing	3	41	9	f	D	D	D	D	D	D	D	D
MARSHALLTOWN													
31-33	Manufacturing	—	40	14	i	D	D	D	D	D	D	D	D
311	Food manufacturing	—	2	1	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
332	Fabricated metal product manufacturing	1	8	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	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	1	g	D	D	D	D	D	D	D	D
MASON CITY													
31-33	Manufacturing	—	36	20	3 212	102 262	2 435	4 373	70 169	343 875	425 567	764 678	23 350
321	Wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32191	Millwork	—	2	2	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
MONTICELLO													
31-33	Manufacturing	—	13	5	534	18 462	413	824	13 068	65 204	60 632	125 444	D
MOUNT PLEASANT													
31-33	Manufacturing	—	17	10	2 461	82 986	1 840	3 750	56 100	193 663	283 263	472 558	7 721
333	Machinery manufacturing	—	2	1	f	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
333414	Heating equipment (except warm air furnaces) manufacturing	—	1	1	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)				
MOUNT PLEASANT—Con.													
334	Computer and electronic product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
MUSCATINE													
31-33	Manufacturing	-	41	23	5 710	231 469	4 224	8 012	154 881	1 792 809	1 250 102	3 049 608	57 100
311	Food manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	1	1	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311221	Wet corn milling	-	1	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	5	5	g	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
NEVADA													
31-33	Manufacturing	-	8	6	620	20 235	457	865	12 874	54 567	51 969	106 195	4 702
NEW HAMPTON													
31-33	Manufacturing	-	13	6	636	20 274	451	944	11 333	43 186	60 328	103 284	5 082
NEWTON													
31-33	Manufacturing	-	22	7	h	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
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
335224	Household laundry equipment manufacturing ..	-	1	1	h	D	D	D	D	D	D	D	D
NORTH LIBERTY													
31-33	Manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
ORANGE CITY													
31-33	Manufacturing	8	10	7	663	20 421	523	1 027	14 101	43 290	118 066	151 407	2 274
OSAGE													
31-33	Manufacturing	-	8	5	646	21 724	473	899	12 816	90 098	61 030	152 702	D

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OSCEOLA													
31-33	Manufacturing	8	12	7	g	D	D	D	D	D	D	D	D
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	9	1	1	f	D	D	D	D	D	D	D	D
OSKALOOSA													
31-33	Manufacturing	2	17	5	f	D	D	D	D	D	D	D	2 703
OTTUMWA													
31-33	Manufacturing	-	19	6	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	1	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
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
PELLA													
31-33	Manufacturing	-	27	13	4 870	222 149	3 139	6 900	112 886	372 966	197 771	561 807	D
321	Wood product manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	h	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
RED OAK													
31-33	Manufacturing	-	10	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
SHELDON													
31-33	Manufacturing	-	15	6	631	16 767	488	979	11 869	39 455	131 605	169 845	9 210
SHENANDOAH													
31-33	Manufacturing	-	12	3	f	D	D	D	D	D	D	D	1 371
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SIOUX CENTER													
31-33	Manufacturing	2	18	8	1 620	36 650	1 439	2 015	27 708	76 266	79 604	163 301	11 892
321	Wood product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	g	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)				
SIoux CITY													
31-33	Manufacturing	3	94	44	5 584	168 471	4 113	7 935	105 475	560 492	1 281 427	1 827 738	27 928
311	Food manufacturing	3	23	17	h	D	D	D	D	D	D	D	16 033
3116	Animal slaughtering and processing	6	8	7	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	6	8	7	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	7	4	4	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
SPENCER													
31-33	Manufacturing	-	24	11	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
SPIRIT LAKE													
31-33	Manufacturing	-	16	5	g	D	D	D	D	D	D	D	D
STORM LAKE													
31-33	Manufacturing	7	12	4	f	D	D	D	D	D	D	D	D
311	Food manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
URBANDALE													
31-33	Manufacturing	-	29	10	1 203	45 405	593	1 166	20 127	239 447	213 838	455 460	3 334
WASHINGTON													
31-33	Manufacturing	-	15	8	859	25 569	676	1 395	18 135	75 579	54 966	133 987	2 918
WATERLOO													
31-33	Manufacturing	-	91	42	8 635	376 762	6 305	13 410	239 484	1 720 840	1 583 108	3 324 329	79 330
333	Machinery manufacturing	-	11	8	h	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	2	2	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
337	Furniture and related product manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
WAVERLY													
31-33	Manufacturing	-	14	9	g	D	D	D	D	D	D	D	D
WEBSTER CITY													
31-33	Manufacturing	-	20	10	2 872	87 339	2 547	4 761	71 903	147 866	534 473	681 984	D
335	Electrical equipment, appliance, and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335224	Household laundry equipment 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	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)				
WEST BURLINGTON													
31-33	Manufacturing	-	14	4	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
WEST DES MOINES													
31-33	Manufacturing	-	38	11	1 495	51 355	989	1 814	29 072	102 247	102 349	212 148	4 046
WEST LIBERTY													
31-33	Manufacturing	9	7	2	g	D	D	D	D	D	D	D	D
311	Food manufacturing	9	3	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	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
WILTON													
31-33	Manufacturing	-	8	5	604	23 439	492	1 000	17 536	57 104	68 939	123 431	1 572
BALANCE OF ADAIR COUNTY													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
BALANCE OF ALLAMAKEE COUNTY													
31-33	Manufacturing	7	18	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	8	3	2	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
311611	Animal (except poultry) slaughtering	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BLACK HAWK COUNTY													
31-33	Manufacturing	-	19	6	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	6	3	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF BUCHANAN COUNTY													
31-33	Manufacturing	-	21	7	674	18 476	592	1 244	13 840	64 308	64 437	130 605	D
BALANCE OF BUENA VISTA COUNTY													
31-33	Manufacturing	-	17	4	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
BALANCE OF CEDAR COUNTY													
31-33	Manufacturing	-	24	6	564	19 877	426	761	11 698	45 912	81 398	125 794	630
BALANCE OF CLAYTON COUNTY													
31-33	Manufacturing	1	32	10	1 022	21 522	811	1 472	14 992	49 493	100 753	153 751	9 762

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF CRAWFORD COUNTY													
31-33	Manufacturing	-	11	5	f	D	D	D	D	D	D	D	13 675
311	Food manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
BALANCE OF DALLAS COUNTY													
31-33	Manufacturing	-	22	6	1 410	36 950	1 177	2 665	28 685	82 883	216 349	300 198	1 919
311	Food manufacturing	-	2	1	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
BALANCE OF DES MOINES COUNTY													
31-33	Manufacturing	-	16	7	1 514	48 665	865	1 693	30 117	161 084	60 263	220 329	4 651
332	Fabricated metal product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF DICKINSON COUNTY													
31-33	Manufacturing	-	15	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF DUBUQUE COUNTY													
31-33	Manufacturing	-	35	16	3 084	137 770	1 935	3 783	82 137	774 078	746 830	1 526 021	13 372
333	Machinery manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF HANCOCK COUNTY													
31-33	Manufacturing	1	24	6	578	16 895	494	932	12 888	38 193	126 669	158 978	2 370
BALANCE OF HARDIN COUNTY													
31-33	Manufacturing	1	19	5	773	13 742	523	989	8 128	36 118	122 901	160 573	2 051
311	Food manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF IDA COUNTY													
31-33	Manufacturing	-	11	4	854	29 303	648	1 287	18 179	89 777	94 147	181 078	4 984

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	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)				
BALANCE OF IOWA COUNTY													
31-33	Manufacturing	-	21	6	h	D	D	D	D	D	D	D	38 852
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	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
335222	Household refrigerator and home freezer manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF JASPER COUNTY													
31-33	Manufacturing	6	27	6	f	D	D	D	D	D	D	D	2 071
BALANCE OF LINN COUNTY													
31-33	Manufacturing	-	31	4	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311423	Dried and dehydrated food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LOUISA COUNTY													
31-33	Manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	g	D	D	D	D	D	D	D	D
BALANCE OF MARION COUNTY													
31-33	Manufacturing	-	13	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF PAGE COUNTY													
31-33	Manufacturing	-	7	3	701	20 838	633	1 222	17 273	58 012	23 800	81 996	D
321	Wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF POCAHONTAS COUNTY													
31-33	Manufacturing	1	18	7	549	19 169	357	754	10 907	38 806	42 496	81 501	677

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF POLK COUNTY													
31-33	Manufacturing	-	46	9	3 153	127 732	2 603	4 895	99 015	255 424	428 678	680 177	26 485
326	Plastics and rubber products manufacturing	-	5	4	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
336	Transportation equipment manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF POTTAWATTAMIE COUNTY													
31-33	Manufacturing	-	16	2	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	1	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF POWESHIEK COUNTY													
31-33	Manufacturing	1	11	5	521	17 467	369	688	9 875	57 259	58 593	116 651	2 734
BALANCE OF SCOTT COUNTY													
31-33	Manufacturing	-	33	9	2 715	136 737	1 983	4 183	96 144	541 320	488 188	953 383	D
331	Primary metal manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing	-	1	1	g	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF SIOUX COUNTY													
31-33	Manufacturing	1	43	13	1 684	48 780	1 321	2 749	32 525	125 568	171 459	299 208	5 953
311	Food manufacturing	-	11	4	506	14 051	448	923	10 884	38 773	112 093	150 750	2 104
332	Fabricated metal product manufacturing	3	10	4	538	17 929	410	819	11 926	46 131	20 054	66 330	1 712
BALANCE OF WAPELLO COUNTY													
31-33	Manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
BALANCE OF WEBSTER COUNTY													
31-33	Manufacturing	-	17	4	1 115	40 684	575	1 320	19 384	301 431	174 065	464 610	D
325	Chemical manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF WINNEBAGO COUNTY													
31-33	Manufacturing	-	13	5	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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)
31-33	BALANCE OF WINNESHIEK COUNTY Manufacturing	3	16	3	576	18 402	499	807	14 312	29 733	22 242	52 151	2 091

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
IOWA	
Companies ¹	N
All establishments ²	3 804
Establishments with 1 to 19 employees	2 465
Establishments with 20 to 99 employees	887
Establishments with 100 employees or more	452
All employees ³	222 968
Total compensation	10 551 987
Annual payroll	8 125 864
Total fringe benefits	2 426 123
Production workers, average for year	163 122
Production workers on March 12	163 410
Production workers on May 12	162 488
Production workers on August 12	164 370
Production workers on November 12	161 882
Production worker hours	322 354
Production worker wages	5 108 312
Total cost of materials	33 504 006
Materials, parts, containers, packaging, etc., used	28 817 079
Resales	3 186 801
Purchased fuels	593 884
Purchased electricity	531 224
Contract work	375 018
Quantity of electricity purchased for heat and power	12 812 589
Quantity of electricity generated less sold for heat and power	1 110 124
Total value of shipments	'65 042 043
Value of resales	4 000 802
Value added	'31 394 257
Total inventories, beginning of year	5 563 081
Finished goods inventories	2 117 223
Work-in-process inventories	1 269 491
Materials and supplies inventories	2 176 367
Total inventories, end of year	5 168 430
Finished goods inventories	2 163 101
Work-in-process inventories	1 077 158
Materials and supplies inventories	1 928 171
Gross value of depreciable assets (acquisition costs) at beginning of year	25 041 350
Total capital expenditures (new and used)	1 705 013
Buildings and other structures (new and used)	266 207
Machinery and equipment (new and used)	1 438 806
Automobiles, trucks, etc., for highway use	41 873
Computers and peripheral data processing equipment	144 734
All other expenditures for machinery and equipment	1 252 199
Total retirements	750 410
Gross value of depreciable assets at end of year	25 995 953
Depreciation charges during year	1 653 783
Total rental payments	437 556
Buildings and other structures	232 780
Machinery and equipment	204 776

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.