

Virginia: 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	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)				
VIRGINIA													
31-33	Manufacturing	-	'5 909	'1 901	'311 787	'11 632 963	229 590	462 114	7 293 991	'48 261 833	'35 696 427	'83 952 547	'2 384 729
311	Food manufacturing	1	457	153	33 280	912 527	26 474	53 443	662 412	4 526 550	4 444 307	8 968 506	261 492
3111	Animal food manufacturing	-	28	11	606	19 852	413	850	12 340	51 986	314 716	361 787	3 277
31111	Animal food manufacturing	-	28	11	606	19 852	413	850	12 340	51 986	314 716	361 787	3 277
311111	Dog and cat food manufacturing	-	5	2	163	5 553	142	304	4 261	23 159	37 435	60 511	1 503
311119	Other animal food manufacturing	-	23	9	443	14 299	271	546	8 079	28 827	277 281	301 276	1 774
3112	Grain and oilseed milling	3	12	5	283	11 556	215	479	7 620	54 843	318 396	372 690	2 927
31121	Flour milling and malt manufacturing	-	9	3	c	D	D	D	D	D	D	D	D
311211	Flour milling	-	9	3	c	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	4	3	2	c	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	9	2	1	c	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	20	5	1 112	38 930	957	1 933	31 877	360 773	115 079	470 631	7 220
31133	Confectionery manufacturing from purchased chocolate	-	13	2	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	13	2	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	-	7	3	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	19	5	892	24 217	731	1 361	18 669	85 784	119 222	204 764	4 856
31141	Frozen food manufacturing	-	5	2	e	D	D	D	D	D	D	D	1 504
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	c	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	1	4	1	c	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	14	3	f	D	D	D	D	D	D	D	3 352
311421	Fruit and vegetable canning .	-	12	2	532	15 688	479	964	12 967	65 934	79 029	144 739	D
3115	Dairy product manufacturing	1	17	12	2 432	98 051	1 640	3 660	63 431	546 467	799 286	1 309 640	83 707
31151	Dairy product (except frozen) manufacturing	1	13	12	2 422	97 742	1 633	3 646	63 206	544 845	798 136	1 306 868	83 646
311511	Fluid milk manufacturing	2	9	8	1 366	54 513	820	1 801	30 703	247 085	449 755	692 540	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	4	4	1 056	43 229	813	1 845	32 503	297 760	348 381	614 328	D
3116	Animal slaughtering and processing	-	67	38	18 940	459 276	16 366	33 986	371 878	1 839 781	1 621 896	3 510 997	72 168
31161	Animal slaughtering and processing	-	67	38	18 940	459 276	16 366	33 986	371 878	1 839 781	1 621 896	3 510 997	72 168
311611	Animal (except poultry) slaughtering	-	19	6	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	3	21	10	1 507	44 732	1 254	2 826	33 608	241 974	110 015	353 262	6 327
311613	Rendering and meat byproduct processing	2	9	7	e	D	D	D	D	D	D	D	D
311615	Poultry processing	-	18	15	12 456	252 945	11 186	21 776	217 497	1 263 623	1 055 922	2 378 519	48 058
3117	Seafood product preparation and packaging	4	39	13	1 198	30 780	994	1 771	19 109	103 757	169 640	273 607	5 107
31171	Seafood product preparation and packaging	4	39	13	1 198	30 780	994	1 771	19 109	103 757	169 640	273 607	5 107
311712	Fresh and frozen seafood processing	4	36	13	1 190	30 580	989	1 761	18 990	103 363	168 989	272 562	5 093
3118	Bakeries and tortilla manufacturing	-	197	46	5 417	150 513	3 600	6 467	93 282	859 602	460 863	1 315 159	56 874
31181	Bread and bakery product manufacturing	1	185	38	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	3	135	18	1 390	20 747	764	944	10 520	43 587	24 229	67 807	1 206
311812	Commercial bakeries	-	48	20	2 100	55 398	1 196	2 273	27 154	186 799	86 322	272 747	13 380
31182	Cookie, cracker, and pasta manufacturing	-	11	8	1 922	74 255	1 636	3 243	55 535	628 986	350 147	974 210	42 280
311821	Cookie and cracker manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	-	3	3	693	20 556	595	1 220	13 769	56 045	64 597	122 326	D
311823	Dry pasta manufacturing	-	3	2	c	D	D	D	D	D	D	D	D
3119	Other food manufacturing	4	58	18	2 400	79 352	1 558	2 936	44 206	623 557	525 209	1 149 231	25 356
31191	Snack food manufacturing	2	12	5	1 007	33 424	652	1 325	18 681	174 188	300 271	476 630	7 744
311911	Roasted nuts and peanut butter manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	5	6	3	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	6	5	3	641	25 748	435	763	14 151	383 854	156 844	541 206	15 267
311920	Coffee and tea manufacturing	6	5	3	641	25 748	435	763	14 151	383 854	156 844	541 206	15 267

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

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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)	
VIRGINIA—Con.														
311	Food manufacturing—Con.													
3119	Other food manufacturing—Con.													
31194	Seasoning and dressing manufacturing	5	9	4	c	D	D	D	D	D	D	D		
311942	Spice and extract manufacturing	5	7	4	c	D	D	D	D	D	D	D		
31199	All other food manufacturing	4	29	5	f	D	D	D	D	D	D	1 229		
311991	Perishable prepared food manufacturing	—	2	1	c	D	D	D	D	D	D	D		
311999	All other miscellaneous food manufacturing	6	27	4		304	8 101	151	306	4 238	25 576	29 493	55 044	D
312	Beverage and tobacco product manufacturing	—	75	33		10 064	594 644	5 725	11 990	304 004	12 071 190	2 916 921	14 990 005	207 479
3121	Beverage manufacturing	—	63	22	h		D	D	D	D	D	D	D	125 233
31211	Soft drink and ice manufacturing	—	32	16	g		D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	15	13	g	1 387	54 878	597	1 240	20 845	254 209	549 112	803 568	D
312113	Ice manufacturing	—	12	3	c		D	D	D	D	D	D	D	D
31212	Breweries	—	7	2	g		D	D	D	D	D	D	D	D
312120	Breweries	—	7	2	g		D	D	D	D	D	D	D	D
31213	Wineries	6	22	2	c		D	D	D	D	D	D	D	D
312130	Wineries	6	22	2	c		D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	12	11	i		D	D	D	D	D	D	D	82 246
31221	Tobacco stemming and redrying	—	5	5	g		D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying	—	5	5	g		D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	7	6	i		D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	—	4	4	i		D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	3	2	e		D	D	D	D	D	D	D	D
313	Textile mills	—	78	51		16 561	491 849	13 867	28 018	358 830	1 335 163	1 840 087	3 178 052	70 980
3131	Fiber, yarn, and thread mills	—	14	11		1 944	47 332	1 632	2 717	34 662	108 945	210 414	341 336	6 831
31311	Fiber, yarn, and thread mills	—	14	11		1 944	47 332	1 632	2 717	34 662	108 945	210 414	341 336	6 831
313111	Yarn spinning mills	—	7	5		1 284	31 786	1 065	1 704	22 956	77 286	154 923	253 355	D
313112	Yarn texturizing, throwing, and twisting mills	1	6	6	f		D	D	D	D	D	D	D	D
3132	Fabric mills	—	43	32		12 856	399 100	10 706	22 109	291 349	1 107 749	1 419 006	2 519 665	60 454
31321	Broadwoven fabric mills	1	22	15		8 294	221 810	7 153	14 413	169 731	440 394	521 497	949 569	18 606
313210	Broadwoven fabric mills	1	22	15		8 294	221 810	7 153	14 413	169 731	440 394	521 497	949 569	18 606
31322	Narrow fabric mills and schiffli machine embroidery	—	6	5		891	20 379	745	1 607	16 445	58 155	43 914	98 403	D
313221	Narrow fabric mills	—	4	4	f		D	D	D	D	D	D	D	D
313222	Schiffli machine embroidery	—	2	1	c		D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	—	9	8		2 535	127 249	1 851	4 206	82 766	549 692	742 957	1 300 288	D
313230	Nonwoven fabric mills	—	9	8		2 535	127 249	1 851	4 206	82 766	549 692	742 957	1 300 288	D
31324	Knit fabric mills	4	6	4		1 136	29 662	957	1 883	22 407	59 508	110 638	171 405	D
313241	Weft knit fabric mills	—	3	2	f		D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills	9	3	2	e		D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	21	8		1 761	45 417	1 529	3 192	32 819	118 469	210 667	317 051	3 695
31331	Textile and fabric finishing mills	—	19	7	g		D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	12	4		1 124	28 795	1 004	2 227	21 454	72 729	146 836	209 395	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	1	7	3	f		D	D	D	D	D	D	D	D
31332	Fabric coating mills	—	2	1	c		D	D	D	D	D	D	D	D
313320	Fabric coating mills	—	2	1	c		D	D	D	D	D	D	D	D
314	Textile product mills	1	157	27		4 228	101 984	3 492	7 070	69 218	202 538	403 144	602 340	D
3141	Textile furnishings mills	—	74	15		3 136	74 467	2 605	5 407	51 063	152 875	326 847	475 892	D
31411	Carpet and rug mills	—	5	3	g		D	D	D	D	D	D	D	D
314110	Carpet and rug mills	—	5	3	g		D	D	D	D	D	D	D	D
31412	Curtain and linen mills	2	69	12	g		D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	5	62	8	f		D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	7	4		835	16 955	692	1 553	11 380	30 558	61 819	100 204	D
3149	Other textile product mills	6	83	12		1 092	27 517	887	1 663	18 155	49 663	76 297	126 448	D
31491	Textile bag and canvas mills	2	31	3		253	6 772	188	366	3 729	13 141	12 052	24 724	D
314912	Canvas and related product mills	2	29	3	c		D	D	D	D	D	D	D	D
31499	All other textile product mills	7	52	9		839	20 745	699	1 297	14 426	36 522	64 245	101 724	D
314992	Tire cord and tire fabric mills	9	1	1	c		D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	5	51	8	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)				
VIRGINIA—Con.													
315	Apparel manufacturing	2	141	44	6 563	141 792	5 334	10 559	102 102	601 991	410 843	1 031 230	D
3151	Apparel knitting mills	—	14	7	1 541	34 916	1 314	2 810	27 790	37 243	107 007	154 029	D
31511	Hosiery and sock mills	1	9	5	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills	—	8	4	867	18 794	850	1 915	17 900	19 513	24 692	46 893	D
31519	Other apparel knitting mills	—	5	2	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	—	5	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	2	96	29	4 562	97 529	3 671	7 107	68 130	543 138	292 140	843 978	D
31521	Cut and sew apparel contractors	4	54	7	589	8 175	501	817	6 243	13 753	2 031	15 845	D
315211	Men's and boys' cut and sew apparel contractors	1	9	3	138	2 269	125	201	1 911	4 693	404	5 119	D
315212	Women's, girls', and infants' cut and sew apparel contractors	5	45	4	451	5 906	376	616	4 332	9 060	1 627	10 726	D
31522	Men's and boys' cut and sew apparel manufacturing	1	15	8	2 121	48 844	1 730	3 581	38 175	397 372	108 922	512 489	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	7	3	2	371	8 081	345	600	6 788	12 637	21 592	33 841	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	9	16	7	894	21 828	743	1 359	14 288	67 107	91 758	159 074	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	9	7	4	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	11	7	958	18 682	697	1 350	9 424	64 906	89 429	156 570	D
315291	Infants' cut and sew apparel manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	7	5	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	3	31	8	460	9 347	349	642	6 182	21 610	11 696	33 223	D
31599	Apparel accessories and other apparel manufacturing	3	31	8	460	9 347	349	642	6 182	21 610	11 696	33 223	D
315991	Hat, cap, and millinery manufacturing	4	8	5	221	5 198	189	362	3 690	8 934	3 825	12 832	D
315999	Other apparel accessories and other apparel manufacturing	4	20	1	c	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	—	12	3	319	7 246	252	412	3 917	16 919	7 339	23 514	D
3162	Footwear manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
31621	Footwear manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
316214	Women's footwear (except athletic) manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	—	10	2	c	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	—	10	2	c	D	D	D	D	D	D	D	D
316999	All other leather goods manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	529	207	18 222	525 239	14 740	29 251	365 202	1 229 067	1 800 311	3 032 926	120 702
3211	Sawmills and wood preservation	1	219	81	5 065	147 090	4 154	8 691	104 228	357 506	665 821	1 026 717	64 985
32111	Sawmills and wood preservation	1	219	81	5 065	147 090	4 154	8 691	104 228	357 506	665 821	1 026 717	64 985
321113	Sawmills	2	197	68	3 716	104 616	3 189	6 594	81 499	252 642	401 972	650 151	45 716
321114	Wood preservation	—	22	13	1 349	42 474	965	2 097	22 729	104 864	263 849	376 566	19 269
3212	Veneer, plywood, and engineered wood product manufacturing	—	65	47	4 682	144 942	3 584	6 968	96 710	403 034	443 835	845 622	27 655
32121	Veneer, plywood, and engineered wood product manufacturing	—	65	47	4 682	144 942	3 584	6 968	96 710	403 034	443 835	845 622	27 655
321211	Hardwood veneer and plywood manufacturing	—	13	10	1 184	32 008	999	1 849	23 963	112 729	131 029	244 686	7 011
321212	Softwood veneer and plywood manufacturing	—	3	3	e	D	D	D	D	D	D	D	1 817
321214	Truss manufacturing	—	35	22	1 622	49 483	1 042	1 895	24 770	99 251	91 913	191 138	4 141
321219	Reconstituted wood product manufacturing	—	12	10	1 312	45 139	1 047	2 136	32 679	156 592	155 883	310 679	14 686

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VIRGINIA—Con.													
321	Wood product manufacturing—Con.												
3219	Other wood product manufacturing	2	245	79	8 475	233 207	7 002	13 592	164 264	468 527	690 655	1 160 587	28 062
32191	Millwork	2	118	43	4 629	134 101	3 934	7 828	99 177	268 595	445 056	714 148	15 201
321911	Wood window and door manufacturing	1	29	15	2 061	59 815	1 707	3 500	42 600	130 700	201 373	332 802	5 690
321912	Cut stock, resawing lumber, and planing	4	38	12	1 142	31 878	1 000	1 973	24 962	69 603	118 990	188 215	4 253
321918	Other millwork (including flooring)	3	51	16	1 426	42 408	1 227	2 355	31 615	68 292	124 693	193 131	5 258
32192	Wood container and pallet manufacturing	3	59	14	938	21 695	784	1 498	15 298	46 474	61 942	108 983	1 820
321920	Wood container and pallet manufacturing	3	59	14	938	21 695	784	1 498	15 298	46 474	61 942	108 983	1 820
32199	All other wood product manufacturing	2	68	22	2 908	77 411	2 284	4 266	49 789	153 458	183 657	337 456	11 041
321991	Manufactured home (mobile home) manufacturing	—	4	3	548	14 496	432	710	8 381	20 116	32 037	50 857	263
321992	Prefabricated wood building manufacturing	4	19	9	1 282	35 708	934	1 768	21 189	62 714	77 034	141 149	5 385
321999	All other miscellaneous wood product manufacturing	1	45	10	1 078	27 207	918	1 788	20 219	70 628	74 586	145 450	5 393
322	Paper manufacturing	—	108	78	12 378	601 965	9 606	20 391	421 001	2 097 520	2 084 290	4 168 307	137 686
3221	Pulp, paper, and paperboard mills	—	14	14	5 395	328 235	4 123	8 921	238 628	1 460 338	1 066 832	2 484 545	104 990
32212	Paper mills	—	3	3	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	2	g	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	c	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	11	11	h	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	11	11	h	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	94	64	6 983	273 730	5 483	11 470	182 373	637 182	1 017 458	1 683 762	32 696
32221	Paperboard container manufacturing	1	55	39	3 927	161 441	3 054	6 501	105 402	358 492	576 137	930 361	18 127
322211	Corrugated and solid fiber box manufacturing	1	37	27	2 587	107 697	1 964	4 369	66 966	246 407	399 551	645 863	14 812
322212	Folding paperboard box manufacturing	2	9	7	985	38 817	794	1 544	27 467	75 564	98 004	171 161	1 789
322214	Fiber can, tube, drum, and similar products manufacturing	—	7	4	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	—	15	10	1 403	52 820	1 142	2 439	38 018	151 413	228 299	384 247	D
322222	Coated and laminated paper manufacturing	—	8	3	393	13 405	319	684	9 859	70 437	99 406	169 178	1 065
322224	Uncoated paper and multiwall bag manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil packaging uses	—	1	1	e	D	D	D	D	D	D	D	D
322226	Surface-coated paperboard manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	4	14	7	788	28 078	617	1 197	18 429	55 541	119 745	203 688	7 141
322231	Die-cut paper and paperboard office supplies manufacturing	8	7	4	345	11 301	280	469	8 215	36 480	33 058	69 509	D
322232	Envelope manufacturing	2	4	1	c	D	D	D	D	D	D	D	506
322233	Stationery, tablet, and related product manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	1	10	8	865	31 391	670	1 333	20 524	71 736	93 277	165 466	D
322299	All other converted paper product manufacturing	1	9	8	f	D	D	D	D	D	D	D	3 733
323	Printing and related support activities	2	767	156	18 565	664 487	14 248	27 435	453 421	1 574 815	947 730	2 515 684	86 695
3231	Printing and related support activities	2	767	156	18 565	664 487	14 248	27 435	453 421	1 574 815	947 730	2 515 684	86 695
32311	Printing	2	708	143	17 760	634 013	13 667	26 319	432 972	1 515 744	934 984	2 444 275	83 846
323110	Commercial lithographic printing	1	344	89	10 264	391 056	7 819	15 170	261 219	869 567	524 075	1 389 416	50 119
323111	Commercial gravure printing	2	11	8	1 535	60 428	1 297	2 531	48 699	152 933	121 429	271 658	5 740
323112	Commercial flexographic printing	—	10	4	257	8 925	191	428	5 496	17 622	19 217	36 846	1 329
323113	Commercial screen printing	2	69	14	725	19 505	556	1 080	10 795	37 114	39 399	76 374	1 202
323114	Quick printing	3	169	5	990	28 531	656	1 156	17 093	64 538	23 394	87 803	3 157
323115	Digital printing	2	28	1	c	D	D	D	D	D	D	D	625
323116	Manifold business forms printing	2	17	8	653	21 586	487	953	16 031	66 673	55 675	123 550	1 949
323117	Books printing	—	13	7	2 547	79 360	2 055	3 867	57 365	192 838	102 285	294 620	17 798
323118	Blankbook, looseleaf binders, and devices manufacturing	1	3	3	e	D	D	D	D	D	D	D	641
323119	Other commercial printing	2	44	4	340	11 219	242	453	6 517	23 712	11 647	36 058	1 286
32312	Support activities for printing	2	59	13	805	30 474	581	1 116	20 449	59 071	12 746	71 409	2 849
323121	Tradebinding and related work	3	18	5	333	8 813	270	528	6 247	17 362	4 759	22 116	636
323122	Prepress services	1	41	8	472	21 661	311	588	14 202	41 709	7 987	49 293	2 213

Table 1. Industry Statistics for the State: 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)				
VIRGINIA—Con.													
324	Petroleum and coal products manufacturing	-	29	4	588	30 218	361	785	19 765	121 211	612 655	691 309	D
3241	Petroleum and coal products manufacturing	-	29	4	588	30 218	361	785	19 765	121 211	612 655	691 309	D
32411	Petroleum refineries	-	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries	-	1	1	e	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	24	3	e	D	D	D	D	D	D	D	15 395
324121	Asphalt paving mixture and block manufacturing	2	21	2	155	5 589	91	170	3 601	23 805	33 814	57 653	D
324122	Asphalt shingle and coating materials manufacturing ...	-	3	1	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	187	78	17 527	909 920	11 115	23 690	494 968	4 806 822	3 272 503	7 985 478	291 106
3251	Basic chemical manufacturing ...	-	36	13	4 335	269 298	2 425	5 651	136 892	941 536	547 295	1 411 411	61 685
32512	Industrial gas manufacturing ...	1	13	3	c	D	D	D	D	D	D	D	D
325120	Industrial gas manufacturing .	1	13	3	c	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	6	2	2	c	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	1	12	4	2 612	173 411	1 245	3 115	74 117	441 533	84 003	456 346	26 619
325188	All other basic inorganic chemical manufacturing	1	12	4	2 612	173 411	1 245	3 115	74 117	441 533	84 003	456 346	26 619
32519	Other basic organic chemical manufacturing	-	9	4	1 480	85 294	1 070	2 295	58 516	441 311	436 297	869 176	33 191
325199	All other basic organic chemical manufacturing	-	9	4	1 480	85 294	1 070	2 295	58 516	441 311	436 297	869 176	33 191
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	14	8	4 659	234 707	3 538	8 275	165 889	929 622	818 726	1 742 262	58 519
32521	Resin and synthetic rubber manufacturing	-	7	2	1 252	68 075	1 003	2 390	52 830	233 153	348 641	580 195	D
325211	Plastics material and resin manufacturing	-	5	2	g	D	D	D	D	D	D	D	11 035
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	7	6	3 407	166 632	2 535	5 885	113 059	696 469	470 085	1 162 067	D
325221	Cellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	3	27	8	344	11 677	228	471	6 054	31 890	60 886	94 800	1 890
32531	Fertilizer manufacturing	4	25	6	e	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	3	20	6	261	8 157	164	341	3 867	20 293	40 874	63 145	1 458
3254	Pharmaceutical and medicine manufacturing	-	17	11	3 307	180 373	1 583	2 642	69 210	1 937 356	1 205 566	3 114 527	127 978
32541	Pharmaceutical and medicine manufacturing	-	17	11	3 307	180 373	1 583	2 642	69 210	1 937 356	1 205 566	3 114 527	127 978
325411	Medicinal and botanical manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	6	3	1 476	53 865	741	1 048	15 399	413 112	120 660	511 613	25 219
325413	In-vitro diagnostic substance manufacturing	-	3	2	c	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	-	3	3	c	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	-	19	10	828	39 024	521	1 065	21 786	438 269	283 714	723 772	7 085
32551	Paint and coating manufacturing	-	12	6	671	32 792	423	879	18 194	407 408	245 114	653 930	4 257
325510	Paint and coating manufacturing	-	12	6	671	32 792	423	879	18 194	407 408	245 114	653 930	4 257
32552	Adhesive manufacturing	1	7	4	157	6 232	98	186	3 592	30 861	38 600	69 842	2 828
325520	Adhesive manufacturing	1	7	4	157	6 232	98	186	3 592	30 861	38 600	69 842	2 828
3256	Soap, cleaning compound, and toilet preparation manufacturing .	-	24	8	1 363	54 304	924	1 933	23 991	207 757	155 340	373 892	11 722
32561	Soap and cleaning compound manufacturing	3	16	3	269	9 716	215	444	5 932	35 658	22 232	58 116	3 026
325612	Polish and other sanitation good manufacturing	2	9	3	224	6 840	192	394	4 961	26 201	14 770	41 248	2 787
32562	Toilet preparation manufacturing	-	8	5	1 094	44 588	709	1 489	18 059	172 099	133 108	315 776	8 696
325620	Toilet preparation manufacturing	-	8	5	1 094	44 588	709	1 489	18 059	172 099	133 108	315 776	8 696
3259	Other chemical product and preparation manufacturing	-	50	20	2 691	120 537	1 896	3 653	71 146	320 392	200 976	524 814	22 227
32591	Printing ink manufacturing	-	17	7	461	25 771	230	488	9 272	74 869	76 069	150 935	D
325910	Printing ink manufacturing ...	-	17	7	461	25 771	230	488	9 272	74 869	76 069	150 935	D
32592	Explosives manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325920	Explosives manufacturing ...	-	2	2	g	D	D	D	D	D	D	D	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)				
VIRGINIA—Con.													
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing—Con.												
32599	All other chemical product and preparation manufacturing . . .	—	31	11	g	D	D	D	D	D	D	D	16 687
325991	Custom compounding of purchased resins	2	8	4	332	12 079	218	471	6 746	27 519	7 237	34 469	11 507
325998	All other miscellaneous chemical product and preparation manufacturing . .	—	12	6	759	31 993	490	870	17 997	103 750	102 061	209 747	D
326	Plastics and rubber products manufacturing	—	192	118	25 419	911 263	19 651	40 092	630 283	2 924 161	2 261 231	5 184 705	169 376
3261	Plastics product manufacturing . .	—	151	96	19 685	681 320	14 920	30 688	456 223	2 352 357	1 797 695	4 148 970	135 071
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	25	17	4 969	177 587	4 037	7 803	125 999	821 468	703 494	1 523 432	70 644
326111	Plastics bag manufacturing . .	—	6	4	1 125	34 512	1 000	2 155	28 630	177 674	143 848	315 447	8 701
326112	Plastics packaging film and sheet (including laminated) manufacturing	3	4	3	284	11 886	219	448	8 265	28 842	36 699	67 765	958
326113	Un laminated plastics film and sheet (except packaging) manufacturing	—	15	10	3 560	131 189	2 818	5 200	89 104	614 952	522 947	1 140 220	60 985
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	—	13	6	e	D	D	D	D	D	D	D	1 313
326121	Un laminated plastics profile shape manufacturing	—	9	3	c	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing	—	4	3	238	7 455	121	271	4 515	21 247	18 829	40 169	D
32614	Polystyrene foam product manufacturing	1	11	7	549	15 622	449	846	11 087	64 381	62 093	126 356	2 370
326140	Polystyrene foam product manufacturing	1	11	7	549	15 622	449	846	11 087	64 381	62 093	126 356	2 370
32615	Urethane and other foam product (except polystyrene) manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing . .	2	6	4	908	30 925	814	1 675	25 075	97 318	105 541	201 707	9 707
326160	Plastics bottle manufacturing	2	6	4	908	30 925	814	1 675	25 075	97 318	105 541	201 707	9 707
32619	Other plastics product manufacturing	—	90	57	12 315	426 410	8 958	19 018	273 403	1 235 858	833 756	2 072 078	49 610
326191	Plastics plumbing fixture manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	81	52	11 433	402 702	8 169	17 321	254 322	1 195 210	795 258	1 992 851	47 297
3262	Rubber product manufacturing . . .	—	41	22	5 734	229 943	4 731	9 404	174 060	571 804	463 536	1 035 735	34 305
32621	Tire manufacturing	—	18	8	3 489	169 435	2 892	6 197	132 573	381 139	298 938	682 686	D
326211	Tire manufacturing (except retreading)	—	7	3	h	D	D	D	D	D	D	D	D
326212	Tire retreading	2	11	5	c	D	D	D	D	D	D	D	509
32629	Other rubber product manufacturing	1	20	14	2 223	59 737	1 821	3 170	40 912	188 919	162 874	349 579	D
326291	Rubber product manufacturing for mechanical use	3	7	6	930	24 769	773	1 615	18 308	67 245	47 334	113 592	D
326299	All other rubber product manufacturing	—	13	8	1 293	34 968	1 048	1 555	22 604	121 674	115 540	235 987	4 617
327	Nonmetallic mineral product manufacturing	1	'366	'131	'11 236	'388 728	8 636	17 988	263 768	'1 256 107	'871 897	'2 123 589	'110 396
3271	Clay product and refractory manufacturing	2	27	10	878	27 329	677	1 268	17 321	73 550	48 419	124 212	7 283
32712	Clay building material and refractories manufacturing	2	13	10	830	26 468	637	1 197	16 742	71 876	47 654	121 699	7 225
327121	Brick and structural clay tile manufacturing	3	9	8	718	21 047	583	1 078	14 919	62 024	23 207	85 235	5 112
3272	Glass and glass product manufacturing	—	35	14	2 099	68 772	1 685	3 366	47 281	222 554	176 128	395 341	15 211
32721	Glass and glass product manufacturing	—	35	14	2 099	68 772	1 685	3 366	47 281	222 554	176 128	395 341	15 211
327212	Other pressed and blown glass and glassware manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass . .	—	28	11	g	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	'255	'81	'6 311	'215 297	4 826	10 231	145 565	'673 183	'517 771	'1 185 970	'67 026
32731	Cement manufacturing	—	8	3	303	14 308	160	372	7 366	69 917	72 027	140 040	D
327310	Cement manufacturing	—	8	3	303	14 308	160	372	7 366	69 917	72 027	140 040	D
32732	Ready-mix concrete manufacturing	1	152	37	2 405	84 534	1 912	4 009	63 975	279 569	274 434	553 109	39 460
327320	Ready-mix concrete manufacturing	1	152	37	2 405	84 534	1 912	4 009	63 975	279 569	274 434	553 109	39 460

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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)				
VIRGINIA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing—Con.												
32733	Concrete pipe, brick, and block manufacturing	2	36	17	1 274	38 405	974	2 046	25 451	130 459	79 015	208 211	D
327331	Concrete block and brick manufacturing	3	24	7	381	13 343	232	486	7 067	54 976	43 334	96 860	D
327332	Concrete pipe manufacturing	1	12	10	893	25 062	742	1 560	18 384	75 483	35 681	111 351	3 092
32739	Other concrete product manufacturing	3	59	24	2 329	78 050	1 780	3 804	48 773	193 238	92 295	284 610	10 344
327390	Other concrete product manufacturing	3	59	24	2 329	78 050	1 780	3 804	48 773	193 238	92 295	284 610	10 344
3274	Lime and gypsum product manufacturing	—	7	3	347	17 646	272	722	13 441	40 203	32 848	72 733	4 207
32741	Lime manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
327410	Lime manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	1	5	1	c	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	1	5	1	c	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	1	42	23	1 601	59 684	1 176	2 401	40 160	246 617	96 731	345 333	16 669
32791	Abrasive product manufacturing	3	6	5	439	16 854	297	547	9 657	51 565	27 211	78 645	1 222
327910	Abrasive product manufacturing	3	6	5	439	16 854	297	547	9 657	51 565	27 211	78 645	1 222
32799	All other nonmetallic mineral product manufacturing	—	36	18	1 162	42 830	879	1 854	30 503	195 052	69 520	266 688	15 447
327991	Cut stone and stone product manufacturing	2	20	8	412	12 875	307	657	8 883	28 512	15 963	43 993	2 880
327992	Ground or treated mineral and earth manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	—	4	2	c	D	D	D	D	D	D	D	394
327999	All other miscellaneous nonmetallic mineral product manufacturing	—	10	7	450	18 681	350	769	12 917	57 352	35 144	92 409	D
331	Primary metal manufacturing	—	56	36	7 214	293 860	5 830	12 390	216 335	733 126	1 110 180	1 857 302	66 336
3311	Iron and steel mills and ferroalloy manufacturing	—	6	4	1 164	57 913	950	1 981	44 879	129 760	280 715	417 914	11 679
33111	Iron and steel mills and ferroalloy manufacturing	—	6	4	1 164	57 913	950	1 981	44 879	129 760	280 715	417 914	11 679
331111	Iron and steel mills	—	6	4	1 164	57 913	950	1 981	44 879	129 760	280 715	417 914	11 679
3312	Steel product manufacturing from purchased steel	3	8	7	429	15 376	360	755	11 753	37 772	59 611	94 748	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	7	2	2	c	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	7	2	2	c	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	6	5	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	1	5	4	220	7 216	190	414	5 838	15 605	27 081	43 172	558
3313	Alumina and aluminum production and processing	—	13	7	1 757	69 096	1 464	3 273	54 217	184 584	477 974	664 390	18 070
33131	Alumina and aluminum production and processing	—	13	7	1 757	69 096	1 464	3 273	54 217	184 584	477 974	664 390	18 070
331315	Aluminum sheet, plate, and foil manufacturing	—	4	3	883	38 854	732	1 741	30 921	127 153	380 255	505 873	3 221
331316	Aluminum extruded product manufacturing	—	5	3	810	27 858	682	1 456	21 695	56 638	77 055	133 639	14 706
3314	Nonferrous metal (except aluminum) production and processing	—	9	4	568	21 752	423	915	13 390	63 976	82 467	144 798	D
33142	Copper rolling, drawing, extruding, and alloying	—	2	2	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
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	—	7	2	c	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	—	6	2	c	D	D	D	D	D	D	D	D
3315	Foundries	—	20	14	3 296	129 723	2 633	5 466	92 096	317 034	209 413	535 452	18 686
33151	Ferrous metal foundries	—	13	9	h	D	D	D	D	D	D	D	18 070
331511	Iron foundries	—	9	7	1 795	69 066	1 497	3 269	53 405	166 063	116 015	280 561	D
331512	Steel investment foundries	—	1	1	g	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	6	7	5	e	D	D	D	D	D	D	D	616
331525	Copper foundries (except die-casting)	—	2	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)				
VIRGINIA—Con.													
332	Fabricated metal product manufacturing	1	787	214	18 437	674 817	13 941	27 242	437 179	1 798 039	1 515 797	3 305 057	108 999
3321	Forging and stamping.....	—	24	13	995	30 034	818	1 597	21 111	87 338	48 984	138 374	7 930
33211	Forging and stamping.....	—	24	13	995	30 034	818	1 597	21 111	87 338	48 984	138 374	7 930
332112	Nonferrous forging	—	3	3	445	13 832	362	650	9 641	39 162	24 775	64 743	D
332114	Custom roll forming	2	6	3	163	4 032	138	300	2 906	17 735	6 201	24 758	D
332116	Metal stamping	—	11	6	352	11 098	289	598	7 812	28 925	16 156	45 505	3 176
3322	Cutlery and handtool manufacturing	—	14	6	712	29 367	484	1 018	16 838	46 012	60 930	110 659	D
33221	Cutlery and handtool manufacturing	—	14	6	712	29 367	484	1 018	16 838	46 012	60 930	110 659	D
332212	Hand and edge tool manufacturing	—	11	5	f	D	D	D	D	D	D	D	2 607
3323	Architectural and structural metals manufacturing	1	242	88	5 906	208 828	4 298	8 575	128 311	564 136	516 175	1 084 178	19 934
33231	Plate work and fabricated structural product manufacturing	1	115	55	3 623	129 881	2 555	5 263	79 631	391 707	358 055	751 843	11 032
332311	Prefabricated metal building and component manufacturing	—	17	8	453	14 827	335	634	10 478	65 744	62 148	127 826	1 462
332312	Fabricated structural metal manufacturing	2	79	39	2 651	96 583	1 827	3 782	56 536	292 632	277 909	572 426	7 907
332313	Plate work manufacturing	2	19	8	519	18 471	393	847	12 617	33 331	17 998	51 591	1 663
33232	Ornamental and architectural metal products manufacturing	1	127	33	2 283	78 947	1 743	3 312	48 680	172 429	158 120	332 335	8 902
332321	Metal window and door manufacturing	1	13	5	524	14 264	454	808	10 505	44 407	59 464	104 517	1 605
332322	Sheet metal work manufacturing	1	86	25	1 472	52 053	1 096	2 115	30 868	103 451	85 940	188 944	6 111
332323	Ornamental and architectural metal work manufacturing	4	28	3	287	12 630	193	389	7 307	24 571	12 716	38 874	1 186
3324	Boiler, tank, and shipping container manufacturing	—	19	12	1 436	65 410	1 134	2 216	47 741	241 835	389 987	625 577	28 909
33241	Power boiler and heat exchanger manufacturing	—	3	3	305	15 692	211	397	9 799	32 563	71 897	104 142	D
332410	Power boiler and heat exchanger manufacturing ..	—	3	3	305	15 692	211	397	9 799	32 563	71 897	104 142	D
33242	Metal tank (heavy gauge) manufacturing	6	10	5	e	D	D	D	D	D	D	D	2 435
332420	Metal tank (heavy gauge) manufacturing	6	10	5	e	D	D	D	D	D	D	D	2 435
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	343	53	4 573	162 747	3 503	6 845	111 774	313 439	151 568	463 824	23 358
33271	Machine shops	2	319	39	3 475	127 628	2 650	5 102	86 947	226 990	90 294	316 490	19 608
332710	Machine shops	2	319	39	3 475	127 628	2 650	5 102	86 947	226 990	90 294	316 490	19 608
33272	Turned product and screw, nut, and bolt manufacturing	1	24	14	1 098	35 119	853	1 743	24 827	86 449	61 274	147 334	3 750
332721	Precision turned product manufacturing	—	18	9	415	14 750	312	560	10 275	30 832	9 686	41 228	1 102
332722	Bolt, nut, screw, rivet, and washer manufacturing	1	6	5	683	20 369	541	1 183	14 552	55 617	51 588	106 106	2 648
3328	Coating, engraving, heat treating, and allied activities	2	56	11	685	21 961	530	1 089	14 170	45 263	16 521	61 913	D
33281	Coating, engraving, heat treating, and allied activities ..	2	56	11	685	21 961	530	1 089	14 170	45 263	16 521	61 913	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	23	5	260	8 124	211	424	5 848	15 346	8 345	23 794	437
332813	Electroplating, plating, polishing, anodizing, and coloring	2	27	5	365	11 623	286	586	7 421	24 566	5 025	29 578	D
3329	Other fabricated metal product manufacturing	1	76	29	3 652	138 625	2 862	5 449	90 585	459 963	313 157	762 468	23 228
33291	Metal valve manufacturing	3	8	5	1 306	48 850	967	1 552	26 241	119 722	93 102	211 795	7 388
332911	Industrial valve manufacturing	9	5	2	e	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting 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)				
VIRGINIA—Con.													
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing—Con.												
33299	All other fabricated metal product manufacturing	—	68	24	2 346	89 775	1 895	3 897	64 344	340 241	220 055	550 673	15 840
332991	Ball and roller bearing manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332992	Small arms ammunition manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	2	6	3	168	6 922	150	346	6 153	15 982	13 096	28 916	497
332999	All other miscellaneous fabricated metal product manufacturing	1	46	16	1 196	41 875	918	1 859	27 039	109 231	66 925	172 889	3 809
333	Machinery manufacturing	1	'326	'127	'16 886	'631 073	11 678	23 492	365 126	'1 365 959	'1 457 039	'2 883 560	'63 179
3331	Agriculture, construction, and mining machinery manufacturing	—	47	21	2 718	98 642	1 941	3 797	59 008	309 514	512 812	812 725	25 191
33311	Agricultural implement manufacturing	—	9	4	1 284	45 181	956	1 960	28 230	185 956	335 529	505 133	D
333111	Farm machinery and equipment manufacturing ..	8	8	3	e	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	2	11	6	443	16 666	308	601	8 894	37 206	62 143	99 206	D
333120	Construction machinery manufacturing	2	11	6	443	16 666	308	601	8 894	37 206	62 143	99 206	D
33313	Mining and oil and gas field machinery manufacturing	—	27	11	991	36 795	677	1 236	21 884	86 352	115 140	208 386	D
333131	Mining machinery and equipment manufacturing ..	—	26	11	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	49	17	1 896	73 305	1 129	2 280	38 381	175 883	116 518	292 041	5 885
33322	Plastics and rubber industry machinery manufacturing	6	4	2	f	D	D	D	D	D	D	D	1 358
333220	Plastics and rubber industry machinery manufacturing ..	6	4	2	f	D	D	D	D	D	D	D	1 358
33329	Other industrial machinery manufacturing	2	40	15	1 349	56 239	849	1 648	27 896	133 642	94 525	227 087	4 510
333293	Printing machinery and equipment manufacturing ..	—	8	2	313	13 809	214	418	8 264	25 925	16 239	42 787	762
333294	Food product machinery manufacturing	1	7	2	208	11 677	83	189	3 620	25 141	16 253	41 670	734
333298	All other industrial machinery manufacturing	2	20	11	785	28 718	527	986	15 071	77 366	57 805	133 249	2 873
3333	Commercial and service industry machinery manufacturing	'3	'39	'9	'1 494	'41 681	1 066	2 149	22 872	'73 932	'84 618	'157 301	'2 602
33331	Commercial and service industry machinery manufacturing	'3	'39	'9	'1 494	'41 681	1 066	2 149	22 872	'73 932	'84 618	'157 301	'2 602
333311	Automatic vending machine manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
333315	Photographic and photocopying equipment manufacturing	'2	'10	'1	'226	'8 982	145	223	4 358	'18 233	'16 561	'34 794	'841
333319	Other commercial and service industry machinery manufacturing	6	19	5	1 065	27 256	759	1 577	15 070	42 692	27 120	69 270	1 563
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	34	18	5 039	188 894	3 995	8 279	134 041	244 354	292 050	580 573	8 369
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	34	18	5 039	188 894	3 995	8 279	134 041	244 354	292 050	580 573	8 369
333411	Air purification equipment manufacturing	—	6	3	c	D	D	D	D	D	D	D	235
333414	Heating equipment (except warm air furnaces) manufacturing	—	9	3	321	10 941	252	488	7 103	31 696	19 806	51 128	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	17	12	4 456	167 870	3 578	7 465	122 926	182 514	243 811	470 605	6 569
3335	Metalworking machinery manufacturing	—	53	17	1 339	54 156	829	1 642	27 504	140 778	76 560	221 454	3 627
33351	Metalworking machinery manufacturing	—	53	17	1 339	54 156	829	1 642	27 504	140 778	76 560	221 454	3 627
333511	Industrial mold manufacturing	—	15	5	267	8 630	194	359	5 983	24 731	9 809	35 424	2 012
333512	Machine tool (metal cutting types) manufacturing	—	4	3	334	15 712	171	359	6 348	22 378	34 825	61 874	D
333513	Machine tool (metal forming types) manufacturing	—	1	1	c	D	D	D	D	D	D	D	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)				
	VIRGINIA—Con.												
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing—Con.												
33351	Metalworking machinery manufacturing—Con.												
333514	Special die and tool, die set, jig, and fixture manufacturing	2	22	4	363	14 075	197	379	5 850	36 835	9 562	46 210	524
333515	Cutting tool and machine tool accessory manufacturing...	—	7	3	196	7 332	162	309	5 528	25 613	13 009	38 604	121
3336	Engine, turbine, and power transmission equipment manufacturing	2	12	5	601	26 766	362	741	13 601	68 582	65 980	152 031	1 691
33361	Engine, turbine, and power transmission equipment manufacturing	2	12	5	601	26 766	362	741	13 601	68 582	65 980	152 031	1 691
333611	Turbine and turbine generator set units manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing	3	3	3	e	D	D	D	D	D	D	D	870
3339	Other general purpose machinery manufacturing	1	92	40	3 799	147 629	2 356	4 604	69 719	352 916	308 501	667 435	15 814
33391	Pump and compressor manufacturing	—	11	5	570	23 111	289	563	8 987	74 336	61 932	140 680	6 401
333911	Pump and pumping equipment manufacturing ..	—	4	1	e	D	D	D	D	D	D	D	346
333912	Air and gas compressor manufacturing	—	7	4	e	D	D	D	D	D	D	D	6 055
33392	Material handling equipment manufacturing	—	35	16	1 471	55 616	936	1 928	25 534	117 779	127 306	244 854	5 485
333922	Conveyor and conveying equipment manufacturing ..	1	21	11	885	36 737	515	1 095	16 367	67 384	74 303	143 339	5 074
333923	Overhead traveling crane, hoist, and monorail system manufacturing	—	5	2	407	13 325	294	564	5 818	44 339	36 743	79 819	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	7	3	c	D	D	D	D	D	D	D	155
33399	All other general purpose machinery manufacturing	2	46	19	1 758	68 902	1 131	2 113	35 198	160 801	119 263	281 901	3 928
333991	Power-driven handtool manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing	—	10	7	585	27 369	309	630	11 562	53 430	47 662	101 390	1 203
333999	All other miscellaneous general purpose machinery manufacturing	4	23	7	696	23 096	463	786	12 016	55 243	35 752	91 152	1 525
334	Computer and electronic product manufacturing	1	254	99	19 038	816 694	9 968	19 725	311 930	2 874 867	2 049 813	4 981 698	166 143
3341	Computer and peripheral equipment manufacturing	—	29	9	2 321	69 184	1 820	3 305	40 800	434 895	857 895	1 296 221	52 680
33411	Computer and peripheral equipment manufacturing	—	29	9	2 321	69 184	1 820	3 305	40 800	434 895	857 895	1 296 221	52 680
334111	Electronic computer manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	16	4	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	2	45	19	2 165	82 795	1 074	2 286	27 794	204 005	272 394	467 764	D
33421	Telephone apparatus manufacturing	4	14	7	983	43 035	300	670	9 338	68 326	69 086	142 211	2 275
334210	Telephone apparatus manufacturing	4	14	7	983	43 035	300	670	9 338	68 326	69 086	142 211	2 275
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	17	8	815	24 800	632	1 313	14 305	101 697	166 308	254 610	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	17	8	815	24 800	632	1 313	14 305	101 697	166 308	254 610	D
33429	Other communications equipment manufacturing	1	14	4	367	14 960	142	303	4 151	33 982	37 000	70 943	702
334290	Other communications equipment manufacturing ..	1	14	4	367	14 960	142	303	4 151	33 982	37 000	70 943	702
3343	Audio and video equipment manufacturing	2	7	2	197	7 732	138	281	3 458	11 673	10 427	22 252	D
33431	Audio and video equipment manufacturing	2	7	2	197	7 732	138	281	3 458	11 673	10 427	22 252	D
334310	Audio and video equipment manufacturing	2	7	2	197	7 732	138	281	3 458	11 673	10 427	22 252	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
VIRGINIA—Con.													
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing	2	67	32	5 129	203 129	3 096	5 951	108 470	742 436	360 487	1 146 721	59 114
33441	Semiconductor and other electronic component manufacturing	2	67	32	5 129	203 129	3 096	5 951	108 470	742 436	360 487	1 146 721	59 114
334412	Bare printed circuit board manufacturing	—	9	6	602	24 529	468	1 041	17 313	46 260	17 160	62 595	4 310
334413	Semiconductor and related device manufacturing	1	14	8	2 749	119 498	1 734	3 221	71 122	565 922	273 788	881 118	D
334414	Electronic capacitor manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
334415	Electronic resistor manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	2	5	1	123	5 392	59	109	1 922	11 134	3 915	15 202	359
334418	Printed circuit assembly (electronic assembly) manufacturing	3	12	6	474	13 505	262	503	5 518	25 145	28 961	53 547	969
334419	Other electronic component manufacturing	5	22	8	864	32 722	326	619	8 483	80 989	26 855	111 140	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	85	35	8 187	415 099	3 212	6 439	107 961	1 233 248	484 488	1 735 860	33 662
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	85	35	8 187	415 099	3 212	6 439	107 961	1 233 248	484 488	1 735 860	33 662
334510	Electromedical and electrotherapeutic apparatus manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	19	13	6 140	331 371	2 053	4 285	68 690	1 050 221	319 414	1 385 306	27 173
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	3	17	5	405	16 456	213	427	6 102	50 195	19 476	69 315	649
334514	Totalizing fluid meter and counting device manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	4	12	4	374	13 848	179	317	5 352	18 878	13 824	33 271	527
334516	Analytical laboratory instrument manufacturing	2	8	2	112	4 661	24	49	1 099	6 115	10 266	17 584	195
334517	Irradiation apparatus manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
334518	Watch, clock, and part manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	2	11	3	161	10 330	46	86	2 395	15 526	8 514	24 156	840
3346	Manufacturing and reproducing magnetic and optical media	—	21	2	1 039	38 755	628	1 463	23 447	248 610	64 122	312 880	D
33461	Manufacturing and reproducing magnetic and optical media	—	21	2	1 039	38 755	628	1 463	23 447	248 610	64 122	312 880	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	14	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	101	50	10 249	441 429	6 396	12 647	206 105	1 423 544	897 962	2 332 675	35 895
3351	Electric lighting equipment manufacturing	—	14	7	g	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	—	13	6	f	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	—	5	2	122	2 730	98	153	1 578	5 767	3 097	8 949	30
335129	Other lighting equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	9	1	1	e	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)				
VIRGINIA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	—	57	23	6 145	290 181	3 446	7 107	115 319	997 618	513 920	1 528 477	26 030
33531	Electrical equipment manufacturing	—	57	23	6 145	290 181	3 446	7 107	115 319	997 618	513 920	1 528 477	26 030
335311	Power, distribution, and specialty transformer manufacturing	—	11	8	1 724	64 325	1 198	2 466	34 183	248 126	165 077	413 895	11 212
335312	Motor and generator manufacturing	4	13	5	1 109	42 209	937	1 996	33 519	107 685	42 530	149 824	4 938
335313	Switchgear and switchboard apparatus manufacturing	1	8	2	228	8 183	158	313	3 723	16 895	21 525	38 702	308
335314	Relay and industrial control manufacturing	—	25	8	3 084	175 464	1 153	2 332	43 894	624 912	284 788	926 056	9 572
3359	Other electrical equipment and component manufacturing	—	27	18	2 275	83 041	1 617	3 110	47 126	225 878	229 679	443 985	5 089
33592	Communication and energy wire and cable manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	—	5	4	1 109	37 787	811	1 471	25 028	90 748	153 602	234 963	D
33593	Wiring device manufacturing	2	6	4	c	D	D	D	D	D	D	D	158
335931	Current-carrying wiring device manufacturing	2	6	4	c	D	D	D	D	D	D	D	158
33599	All other electrical equipment and component manufacturing	1	12	8	837	31 008	609	1 221	15 536	97 129	47 456	140 914	2 242
335999	All other miscellaneous electrical equipment and component manufacturing	1	12	8	837	31 008	609	1 221	15 536	97 129	47 456	140 914	2 242
336	Transportation equipment manufacturing	—	187	91	36 117	1 681 299	25 090	51 154	1 060 206	5 007 644	5 205 122	10 205 760	211 109
3361	Motor vehicle manufacturing	—	6	3	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
336111	Automobile manufacturing	8	2	1	c	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	29	15	1 600	44 421	1 328	2 456	34 255	131 282	125 591	253 156	D
33621	Motor vehicle body and trailer manufacturing	1	29	15	1 600	44 421	1 328	2 456	34 255	131 282	125 591	253 156	D
336211	Motor vehicle body manufacturing	3	13	8	414	13 869	287	543	8 024	26 152	37 748	64 726	979
336212	Truck trailer manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	4	10	5	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	76	43	8 214	315 879	6 388	13 780	211 629	883 652	1 225 252	2 115 958	49 589
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	20	8	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	19	7	1 821	83 158	1 359	2 928	49 887	196 292	136 988	337 107	16 375
33632	Motor vehicle electrical and electronic equipment manufacturing	1	15	6	f	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	2	14	5	411	12 815	307	627	7 797	57 922	37 495	95 286	3 319
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	7	5	1 316	44 706	1 003	2 026	29 534	114 951	74 846	189 053	9 419
336340	Motor vehicle brake system manufacturing	—	7	5	1 316	44 706	1 003	2 026	29 534	114 951	74 846	189 053	9 419
33635	Motor vehicle transmission and power train parts manufacturing	—	10	6	1 374	62 516	1 089	2 489	42 921	165 883	603 462	773 193	5 747
336350	Motor vehicle transmission and power train parts manufacturing	—	10	6	1 374	62 516	1 089	2 489	42 921	165 883	603 462	773 193	5 747
33636	Motor vehicle seating and interior trim manufacturing	—	5	4	1 100	43 192	805	1 795	31 023	89 862	164 436	254 331	3 872
336360	Motor vehicle seating and interior trim manufacturing	—	5	4	1 100	43 192	805	1 795	31 023	89 862	164 436	254 331	3 872

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)				
VIRGINIA—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33639	Other motor vehicle parts manufacturing	2	14	11	1 657	48 447	1 444	3 198	37 628	196 603	154 117	355 962	8 584
336399	All other motor vehicle parts manufacturing	2	14	11	1 657	48 447	1 444	3 198	37 628	196 603	154 117	355 962	8 584
3364	Aerospace product and parts manufacturing	—	14	7	1 556	107 096	488	1 044	30 562	172 757	148 805	324 127	16 285
33641	Aerospace product and parts manufacturing	—	14	7	1 556	107 096	488	1 044	30 562	172 757	148 805	324 127	16 285
336413	Other aircraft parts and auxiliary equipment manufacturing	—	4	3	c	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	55	20	20 459	932 757	13 749	26 681	575 381	2 611 886	561 365	3 173 251	41 143
33661	Ship and boat building	—	55	20	20 459	932 757	13 749	26 681	575 381	2 611 886	561 365	3 173 251	41 143
336611	Ship building and repairing ..	—	33	16	20 077	921 157	13 441	26 081	566 762	2 594 817	543 522	3 138 339	40 532
336612	Boat building	1	22	4	382	11 600	308	600	8 619	17 069	17 843	34 912	611
3369	Other transportation equipment manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	5	2	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	545	111	18 597	483 582	15 809	29 934	360 637	1 309 571	963 601	2 296 818	59 284
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	445	74	15 197	376 900	13 120	24 797	289 590	990 017	747 829	1 747 253	46 045
33711	Wood kitchen cabinet and countertop manufacturing	1	258	20	2 887	84 750	2 364	4 655	61 492	275 672	214 112	489 438	4 930
337110	Wood kitchen cabinet and countertop manufacturing ..	1	258	20	2 887	84 750	2 364	4 655	61 492	275 672	214 112	489 438	4 930
33712	Household and institutional furniture manufacturing	—	187	54	12 310	292 150	10 756	20 142	228 098	714 345	533 717	1 257 815	41 115
337121	Upholstered household furniture manufacturing	—	54	12	1 998	48 008	1 689	3 249	35 530	113 268	102 193	213 905	24 174
337122	Nonupholstered wood household furniture manufacturing	1	110	34	8 893	209 788	7 865	14 382	167 146	496 213	366 025	874 398	12 722
337124	Metal household furniture manufacturing	2	8	3	c	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	—	10	4	956	23 198	790	1 666	16 221	51 399	47 007	98 544	2 668
337129	Wood television, radio, and sewing machine cabinet manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	76	25	2 385	72 910	1 919	3 735	50 355	170 748	108 626	293 782	3 860
33721	Office furniture (including fixtures) manufacturing	2	76	25	2 385	72 910	1 919	3 735	50 355	170 748	108 626	293 782	3 860
337211	Wood office furniture manufacturing	1	11	2	e	D	D	D	D	D	D	D	217
337212	Custom architectural woodwork and millwork manufacturing	1	41	12	824	27 411	596	1 164	16 599	49 886	30 542	80 944	1 114
337214	Office furniture (except wood) manufacturing	—	3	3	f	D	D	D	D	D	D	D	1 553
337215	Showcase, partition, shelving, and locker manufacturing	7	21	8	718	20 978	555	1 104	12 274	43 621	28 530	72 699	976
3379	Other furniture related product manufacturing	3	24	12	1 015	33 772	770	1 402	20 692	148 806	107 146	255 783	9 379
33791	Mattress manufacturing	2	15	10	849	28 784	680	1 244	18 927	139 954	99 386	239 154	8 909
337910	Mattress manufacturing	2	15	10	849	28 784	680	1 244	18 927	139 954	99 386	239 154	8 909
33792	Blind and shade manufacturing	6	9	2	166	4 988	90	158	1 765	8 852	7 760	16 629	470
337920	Blind and shade manufacturing	6	9	2	166	4 988	90	158	1 765	8 852	7 760	16 629	470

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
VIRGINIA—Con.													
339	Miscellaneous manufacturing	3	555	90	10 299	328 347	7 377	14 406	187 582	985 029	623 655	1 594 032	51 544
3391	Medical equipment and supplies manufacturing	4	225	28	3 463	117 761	2 440	4 737	68 357	376 651	236 227	606 815	21 307
33911	Medical equipment and supplies manufacturing	4	225	28	3 463	117 761	2 440	4 737	68 357	376 651	236 227	606 815	21 307
339111	Laboratory apparatus and furniture manufacturing	3	8	3	199	8 601	86	170	2 622	18 613	13 119	31 729	575
339112	Surgical and medical instrument manufacturing ..	3	7	4	346	11 245	259	493	6 565	45 564	31 519	76 220	1 249
339113	Surgical appliance and supplies manufacturing	4	34	10	1 271	47 204	856	1 713	25 546	182 486	145 110	328 390	12 347
339115	Ophthalmic goods manufacturing	7	12	4	815	24 998	609	1 148	14 719	87 830	36 413	118 283	4 672
339116	Dental laboratories	4	152	6	751	23 402	575	1 116	17 431	37 783	8 748	46 536	2 237
3399	Other miscellaneous manufacturing	2	330	62	6 836	210 586	4 937	9 669	119 225	608 378	387 428	987 217	30 237
33991	Jewelry and silverware manufacturing	1	35	2	328	10 583	267	477	6 980	24 645	36 183	58 922	746
339911	Jewelry (except costume) manufacturing	—	22	1	192	6 662	146	233	3 910	14 563	29 051	42 876	199
33992	Sporting and athletic goods manufacturing	2	22	6	1 227	46 274	760	1 626	20 246	200 752	73 768	269 337	17 199
339920	Sporting and athletic goods manufacturing	2	22	6	1 227	46 274	760	1 626	20 246	200 752	73 768	269 337	17 199
33993	Doll, toy, and game manufacturing	—	17	2	c	D	D	D	D	D	D	D	1 585
339932	Game, toy, and children's vehicle manufacturing	—	16	2	c	D	D	D	D	D	D	D	D
33994	Office supplies (except paper) manufacturing	4	11	5	e	D	D	D	D	D	D	D	536
339943	Marking device manufacturing	4	9	5	361	10 167	264	610	6 120	16 426	16 631	33 017	D
33995	Sign manufacturing	2	147	26	1 896	60 901	1 275	2 351	32 146	110 604	71 559	181 781	5 211
339950	Sign manufacturing	2	147	26	1 896	60 901	1 275	2 351	32 146	110 604	71 559	181 781	5 211
33999	All other miscellaneous manufacturing	2	98	21	2 825	77 466	2 223	4 363	50 923	202 711	148 549	351 247	4 960
339991	Gasket, packing, and sealing device manufacturing	3	8	6	1 327	36 473	1 079	2 259	25 284	109 849	66 019	176 516	1 573
339992	Musical instrument manufacturing	1	12	2	c	D	D	D	D	D	D	D	242
339994	Broom, brush, and mop manufacturing	—	5	2	166	5 794	123	252	3 554	16 867	12 124	28 360	437
339999	All other miscellaneous manufacturing	1	72	11	1 158	30 506	878	1 575	18 721	67 663	65 239	132 936	D

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

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

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

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

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	538	215	38 815	1 501 895	27 935	56 832	872 226	4 018 433	4 590 354	8 616 520	814 982
311	Food manufacturing	3	22	8	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	4	2	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
313	Textile mills	2	12	10	1 273	40 086	1 016	2 106	26 790	91 476	111 864	201 577	5 671
3132	Fabric mills	4	4	4	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	1	6	4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	6	3	2	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	6	3	2	e	D	D	D	D	D	D	D	D
31332	Fabric coating mills	-	3	2	e	D	D	D	D	D	D	D	D
313320	Fabric coating mills	-	3	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	7	11	7	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	8	6	3	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	41	11	g	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	21	6	f	D	D	D	D	D	D	D	D
32191	Millwork	-	7	3	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	-	3	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	11	9	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	e	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	3	10	8	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	3	7	6	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	61	18	h	D	D	D	D	D	D	D	51 443
3231	Printing and related support activities	-	61	18	h	D	D	D	D	D	D	D	51 443
32311	Printing	-	56	18	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	29	7	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	-	1	1	e	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	-	4	3	e	D	D	D	D	D	D	D	D
323117	Books printing	-	5	5	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	17	5	i	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	-	7	1	i	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	1	i	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	1	i	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	3	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing	-	31	20	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	23	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	15	10	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	15	10	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	8	5	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	5	4	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
327	Nonmetallic mineral product manufacturing	-	34	15	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	4	18	7	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	4	17	12	g	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	-	2	2	e	D	D	D	D	D	D	D	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	-	2	2	e	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	-	2	2	e	D	D	D	D	D	D	D	D
3315	Foundries	5	10	6	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	3	6	4	e	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	4	3	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	104	36	3 516	119 896	2 808	5 550	84 579	344 979	223 544	569 535	12 285
3321	Forging and stamping.....	-	8	5	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	-	8	5	f	D	D	D	D	D	D	D	D
332111	Iron and steel forging	-	3	2	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	17	9	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	9	5	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	54	10	f	D	D	D	D	D	D	D	D
33271	Machine shops	1	48	8	f	D	D	D	D	D	D	D	D
332710	Machine shops	1	48	8	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	7	4	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	6	4	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	1	3	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing	-	38	14	4 262	155 040	3 354	6 662	107 158	204 060	187 568	426 958	D
3331	Agriculture, construction, and mining machinery manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	-	8	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	-	8	1	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
333923	Overhead traveling crane, hoist, and monorail system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use.....	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	17	10	h	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	1	2	2	g	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	11	7	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	11	7	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	8	5	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	—	20	13	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	12	8	h	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	30	8	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	21	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	3	9	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	44	11	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	3	19	3	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	3	19	3	e	D	D	D	D	D	D	D	D
339114	Dental equipment and supplies manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	25	8	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	14	5	f	D	D	D	D	D	D	D	D
Bristol, VA Metropolitan Statistical Area													
31-33	Manufacturing	2	102	45	7 675	267 259	5 794	11 964	174 080	469 494	582 582	1 083 781	17 868
311	Food manufacturing	5	8	4	672	20 908	376	762	10 102	80 608	82 317	161 737	2 621
3119	Other food manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	8	3	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	2	1	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
32522	Artificial and synthetic fibers and filaments manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D

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)				
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.												
	Bristol, VA Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing	-	20	10	863	32 445	694	1 303	22 212	106 815	100 394	204 815	2 019
3324	Boiler, tank, and shipping container manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	10	6	2 899	108 285	2 382	4 930	79 372	32 577	109 923	180 259	2 024
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
3339	Other general purpose machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333923	Overhead traveling crane, hoist, and monorail system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	2	6	4	g	D	D	D	D	D	D	D	1 422
3352	Household appliance manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33521	Small electrical appliance manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	7	665	21 666	533	1 227	14 690	68 458	63 776	128 090	4 546
3362	Motor vehicle body and trailer manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
	Johnson City, TN Metropolitan Statistical Area												
31-33	Manufacturing	-	212	83	11 329	337 488	8 799	16 432	216 338	838 115	989 747	1 821 530	42 793
313	Textile mills	2	7	6	652	20 409	492	1 038	12 399	37 849	34 643	72 711	3 162
3133	Textile and fabric finishing and fabric coating mills	6	3	2	269	8 093	214	476	5 383	15 118	14 484	29 732	D
31331	Textile and fabric finishing mills	6	2	2	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	6	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	20	5	607	18 664	473	987	10 871	31 833	93 500	123 023	967
3219	Other wood product manufacturing	-	9	3	459	14 700	352	778	8 284	24 058	84 083	105 974	705
32191	Millwork	-	2	1	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	18	6	688	17 148	507	983	10 944	48 998	17 187	66 059	2 547
3231	Printing and related support activities	-	18	6	688	17 148	507	983	10 944	48 998	17 187	66 059	2 547
32311	Printing	-	16	6	f	D	D	D	D	D	D	D	D
323117	Books printing	-	3	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
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JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.													
Johnson City, TN Metropolitan Statistical Area—Con.													
326	Plastics and rubber products manufacturing	—	14	8	646	18 448	529	1 012	13 764	47 653	79 861	127 552	3 875
3261	Plastics product manufacturing ..	—	11	6	e	D	D	D	D	D	D	D	1 373
3262	Rubber product manufacturing ...	—	3	2	e	D	D	D	D	D	D	D	2 502
331	Primary metal manufacturing	7	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	41	15	1 511	48 360	1 242	2 496	35 665	92 719	71 165	165 111	7 464
3322	Cutlery and handtool manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	6	4	385	10 098	315	615	7 533	18 802	24 870	43 897	D
33232	Ornamental and architectural metal products manufacturing	—	6	4	385	10 098	315	615	7 533	18 802	24 870	43 897	D
332321	Metal window and door manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	22	4	270	8 359	208	414	5 875	15 425	10 736	26 149	1 141
3329	Other fabricated metal product manufacturing	3	4	3	310	12 795	255	518	9 185	25 244	23 769	50 289	2 043
33299	All other fabricated metal product manufacturing	3	4	3	310	12 795	255	518	9 185	25 244	23 769	50 289	2 043
332991	Ball and roller bearing manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	15	5	960	33 265	696	1 223	20 570	133 137	36 557	166 874	2 250
3335	Metalworking machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	7	2	350	12 418	174	259	4 764	32 489	19 967	52 089	836
33391	Pump and compressor manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333913	Measuring and dispensing pump manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	8	4	1 291	37 219	866	1 527	19 433	73 695	85 197	158 230	D
3344	Semiconductor and other electronic component manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	6	3	f	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use.....	—	2	2	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.													
	Johnson City, TN Metropolitan Statistical Area—Con.													
335	Electrical equipment, appliance, and component manufacturing	-	10	6	g	D	D	D	D	D	D	D	D	
3352	Household appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D	
33522	Major appliance manufacturing	-	1	1	f	D	D	D	D	D	D	D	D	
335228	Other major household appliance manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D	
3353	Electrical equipment manufacturing	-	8	5	f	D	D	D	D	D	D	D	D	
33531	Electrical equipment manufacturing	-	8	5	f	D	D	D	D	D	D	D	D	
335312	Motor and generator manufacturing	-	7	5	f	D	D	D	D	D	D	D	D	
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	
33634	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D	
336340	Motor vehicle brake system manufacturing	-	1	1	e	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	
337	Furniture and related product manufacturing	-	15	4		495	10 515	421	721	7 047	16 320	21 160	38 782	1 682
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	10	1		259	5 364	244	391	4 543	9 158	10 912	21 141	68
339	Miscellaneous manufacturing	1	21	7		846	22 562	719	1 490	18 034	55 090	33 225	85 095	1 711
3391	Medical equipment and supplies manufacturing	2	8	2		335	8 656	317	634	7 774	23 466	9 727	29 303	878
33911	Medical equipment and supplies manufacturing	2	8	2		335	8 656	317	634	7 774	23 466	9 727	29 303	878
339114	Dental equipment and supplies manufacturing	-	1	1	e	D	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	13	5		511	13 906	402	856	10 260	31 624	23 498	55 792	833
33999	All other miscellaneous manufacturing	-	8	3		434	11 606	349	753	8 933	27 347	22 221	50 243	D
	Kingsport-Bristol, TN-VA Metropolitan Statistical Area													
31-33	Manufacturing	-	224	87		19 811	897 148	13 342	28 436	481 808	2 710 824	3 018 025	5 711 209	754 321
313	Textile mills	2	5	4		621	19 677	524	1 068	14 391	53 627	77 221	128 866	2 509
3132	Fabric mills	6	2	2	e	D	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	3	2	e	D	D	D	D	D	D	D	D	D
31332	Fabric coating mills	-	2	2	e	D	D	D	D	D	D	D	D	D
313320	Fabric coating mills	-	2	2	e	D	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	5	4		263	5 295	228	232	4 026	9 568	9 202	18 705	D
321	Wood product manufacturing	4	17	5		420	8 433	376	729	6 784	21 916	40 963	63 058	1 022
322	Paper manufacturing	1	5	5		560	26 697	414	930	19 383	59 887	108 879	173 680	D
3221	Pulp, paper, and paperboard mills	-	1	1	e	D	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	e	D	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	e	D	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	36	12		2 343	86 755	1 895	4 331	60 773	164 922	120 881	280 974	48 854
3231	Printing and related support activities	-	36	12		2 343	86 755	1 895	4 331	60 773	164 922	120 881	280 974	48 854
32311	Printing	-	33	12		2 327	86 117	1 882	4 304	60 349	163 771	120 519	279 461	48 820
323110	Commercial lithographic printing	1	17	5		364	10 161	265	487	5 920	28 551	11 645	39 954	D
323111	Commercial gravure printing	-	1	1	e	D	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	-	4	3	e	D	D	D	D	D	D	D	D	D
323117	Books printing	-	2	2	g	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

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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)				
	JOHNSON CITY-KINGSPORT-BRISTOL, TN-VA COMBINED STATISTICAL AREA—Con.												
	Kingsport-Bristol, TN-VA Metropolitan Statistical Area—Con.												
325	Chemical manufacturing	—	10	3	8 110	509 029	4 130	9 614	211 061	1 539 165	2 060 561	3 585 515	D
3251	Basic chemical manufacturing ...	—	6	1	i	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	2	1	i	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	2	1	i	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
325412	Pharmaceutical preparation manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	12	9	1 221	40 210	996	2 025	28 422	126 774	80 385	204 695	19 933
3261	Plastics product manufacturing ..	3	7	6	625	19 394	509	1 008	13 193	57 221	37 979	93 662	D
32619	Other plastics product manufacturing	3	6	5	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	6	5	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	5	3	596	20 816	487	1 017	15 229	69 553	42 406	111 033	D
32629	Other rubber product manufacturing	—	4	3	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
327	Nonmetallic mineral product manufacturing	—	15	9	1 418	46 297	1 187	2 530	36 824	192 198	89 398	280 873	8 991
3272	Glass and glass product manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	2	10	7	687	22 790	561	1 161	16 896	44 684	68 652	114 224	D
3312	Steel product manufacturing from purchased steel	—	2	2	e	D	D	D	D	D	D	D	D
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	2	2	e	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	2	2	e	D	D	D	D	D	D	D	D
3315	Foundries	3	6	3	345	11 681	311	653	10 065	19 523	16 597	36 127	D
332	Fabricated metal product manufacturing	—	43	11	1 142	39 091	872	1 751	26 702	145 445	51 985	199 609	2 802
3321	Forging and stamping.....	—	3	3	465	16 007	377	816	11 507	37 175	23 245	60 976	841
33211	Forging and stamping.....	—	3	3	465	16 007	377	816	11 507	37 175	23 245	60 976	841
332111	Iron and steel forging	—	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	13	3	403	13 490	276	509	7 216	38 346	41 088	79 825	D
336	Transportation equipment manufacturing	—	9	4	1 904	59 943	1 372	2 572	38 080	237 519	180 250	415 692	18 322
3363	Motor vehicle parts manufacturing	—	7	3	g	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	12	4	266	7 956	206	389	4 960	50 803	36 484	87 365	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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	'4 826	'1 329	'164 337	'7 234 668	100 422	196 717	'3 524 327	'20 755 786	'17 295 811	'38 222 265	D
311	Food manufacturing	2	423	124	j	D	D	D	D	D	D	D	105 862
3111	Animal food manufacturing	3	10	4	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	3	10	4	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	1	9	6	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
311225	Fats and oils refining and blending	—	2	2	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	9	25	6	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311312	Cane sugar refining	9	1	1	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	14	4	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	8	2	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	5	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	18	12	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	9	8	g	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	6	6	g	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	4	9	4	e	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	4	9	4	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	30	13	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	30	13	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	3	13	6	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	246	55	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	3	233	52	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	164	25	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	66	25	h	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	1	66	23	h	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	1	15	10	g	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	1	10	8	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	—	34	6	g	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	—	28	5	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	39	18	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	39	18	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	18	14	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	13	12	g	D	D	D	D	D	D	D	D
31214	Distilleries	—	5	4	e	D	D	D	D	D	D	D	D
312140	Distilleries	—	5	4	e	D	D	D	D	D	D	D	D
313	Textile mills	7	33	5	f	D	D	D	D	D	D	D	D
3132	Fabric mills	7	16	3	e	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	4	4	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	8	13	2	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	8	12	2	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	8	12	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
314	Textile product mills	8	143	16	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	8	72	9	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	5	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	5	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	3	67	8	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	4	60	7	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	6	71	7	f	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	6	38	5	426	11 843	306	622	7 133	30 062	20 690	50 689	D
314912	Canvas and related product mills	6	35	4	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	15	115	20	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	4	80	18	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	7	42	5	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	4	12	6	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	8	8	4	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	4	21	7	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	159	57	i	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .	1	30	7	f	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	1	30	7	f	D	D	D	D	D	D	D	D
321113	Sawmills	1	24	4	e	D	D	D	D	D	D	D	D
321114	Wood preservation	—	6	3	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing....	1	19	13	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	1	19	13	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing.....	—	15	12	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	110	37	h	D	D	D	D	D	D	D	D
32191	Millwork	2	60	20	g	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	1	16	7	f	D	D	D	D	D	D	D	D
321912	Cut stock, resawing lumber, and planing.....	2	12	4	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring).....	4	32	9	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	3	20	7	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	3	20	7	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	30	10	g	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	4	21	6	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	48	29	h	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	2	4	4	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	44	25	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	25	14	h	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	1	20	12	g	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	—	1	1	g	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	4	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
323	Printing and related support activities	1	1 024	238	23 842	898 370	17 353	32 622	572 954	1 826 931	1 061 494	2 878 344	D
3231	Printing and related support activities	1	1 024	238	23 842	898 370	17 353	32 622	572 954	1 826 931	1 061 494	2 878 344	D
32311	Printing	1	913	210	j	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	461	146	j	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	—	9	5	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	1	66	15	g	D	D	D	D	D	D	D	D
323114	Quick printing	3	216	12	g	D	D	D	D	D	D	D	D
323115	Digital printing	1	42	5	f	D	D	D	D	D	D	D	D
323116	Manifold business forms printing	3	14	7	f	D	D	D	D	D	D	D	D
323117	Books printing	—	26	12	2 060	73 775	1 625	3 340	52 626	151 465	82 027	231 904	17 403
323119	Other commercial printing ...	5	62	6	388	12 192	267	454	7 265	25 088	14 184	40 001	D
32312	Support activities for printing...	3	111	28	g	D	D	D	D	D	D	D	D
323121	Tradebinding and related work	3	45	16	g	D	D	D	D	D	D	D	D
323122	Prepress services	2	66	12	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	39	9	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	39	9	f	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	35	8	f	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing	3	29	4	e	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing ...	—	6	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	197	72	j	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	31	14	2 455	153 249	1 421	2 911	79 551	358 447	467 535	823 045	D
32513	Synthetic dye and pigment manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	13	6	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	13	6	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	50	20	h	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	50	20	h	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	21	6	g	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	1	12	8	g	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	13	5	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	26	13	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	18	10	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	18	10	g	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	—	24	7	g	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	16	5	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	50	17	f	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing	2	10	6	e	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing ...	2	10	6	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	4	39	10	f	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	19	5	e	D	D	D	D	D	D	D	D

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WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
326	Plastics and rubber products manufacturing	1	134	74	i	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	113	63	i	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	1	4	2	e	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing ..	—	7	6	g	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	78	43	i	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	73	41	i	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	3	21	11	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	4	11	6	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	1	9	5	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	'252	'93	i	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	2	26	4	e	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	19	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	2	29	4	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	2	29	4	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	'158	'73	i	D	D	D	D	D	D	D	D
32731	Cement manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
327310	Cement manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	90	33	g	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	1	90	33	g	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	3	22	15	f	D	D	D	D	D	D	D	D
327331	Concrete block and brick manufacturing	5	15	8	e	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	7	7	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	4	'39	'21	g	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	4	'39	'21	g	D	D	D	D	D	D	D	D
3274	Lime and gypsum product manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	1	32	10	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	31	9	f	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	3	23	6	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	31	12	h	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	4	2	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
331	Primary metal manufacturing—Con.												
3312	Steel product manufacturing from purchased steel	—	9	4	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	9	4	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	9	4	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	6	3	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	6	3	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	'556	'163	'13 158	'517 586	'9 525	'18 914	'324 290	'1 342 511	'1 105 712	'2 474 895	D
3321	Forging and stamping	1	16	10	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	1	16	10	f	D	D	D	D	D	D	D	D
332116	Metal stamping	—	6	4	326	15 394	231	454	8 476	21 582	22 270	43 820	1 065
3323	Architectural and structural metals manufacturing	2	'185	'52	'4 710	'174 910	'3 268	'6 504	'103 374	'399 504	'376 050	'781 511	D
33231	Plate work and fabricated structural product manufacturing	2	54	21	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	2	39	16	g	D	D	D	D	D	D	D	D
332313	Plate work manufacturing ...	1	10	2	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	'131	'31	h	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	1	18	3	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	2	'64	'17	g	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	1	49	11	990	43 990	621	1 277	22 470	112 888	55 946	170 553	3 308
3324	Boiler, tank, and shipping container manufacturing	1	19	10	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	1	11	7	f	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	1	6	6	f	D	D	D	D	D	D	D	D
3326	Spring and wire product manufacturing	4	22	11	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	4	22	11	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	3	19	9	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	206	49	h	D	D	D	D	D	D	D	D
33271	Machine shops	4	184	43	h	D	D	D	D	D	D	D	D
332710	Machine shops	4	184	43	h	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	—	22	6	537	22 014	399	826	15 799	45 467	13 531	58 154	D
332721	Precision turned product manufacturing	—	19	5	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	2	53	11	741	25 145	580	1 088	16 847	49 869	46 110	95 491	D
33281	Coating, engraving, heat treating, and allied activities ..	2	53	11	741	25 145	580	1 088	16 847	49 869	46 110	95 491	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	26	5	e	D	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring	5	24	6	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	45	19	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	2	39	16	g	D	D	D	D	D	D	D	D
332994	Small arms manufacturing...	—	4	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	3	27	13	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
333	Machinery manufacturing	3	'189	'57	i	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	4	33	9	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	4	31	9	g	D	D	D	D	D	D	D	D
333291	Paper industry machinery manufacturing	6	5	2	e	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	4	12	6	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	5	40	8	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	5	40	8	g	D	D	D	D	D	D	D	D
333311	Automatic vending machine manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	-	17	5	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	22	11	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	22	11	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	14	7	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	33	6	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	2	33	6	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	'50	'20	h	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	'14	'6	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	7	30	13	g	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	7	17	7	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	354	142	k	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	5	40	13	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	5	40	13	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	5	17	6	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	5	20	7	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	92	47	i	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	2	22	9	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	2	22	9	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	49	32	i	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	49	32	i	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing—Con.												
33429	Other communications equipment manufacturing	1	21	6	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing . .	1	21	6	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	4	77	32		4 106	193 808	2 394	4 825	101 920	358 820	193 011	591 566
33441	Semiconductor and other electronic component manufacturing	4	77	32		4 106	193 808	2 394	4 825	101 920	358 820	193 011	591 566
334412	Bare printed circuit board manufacturing	—	13	7	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	6	18	9	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	15	6	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	5	24	10	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	107	46	j	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	107	46	j	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing . . .	—	9	5	e	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	23	14	j	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	4	15	5	e	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	11	7	g	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing . .	—	17	6	e	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	1	21	6	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	1	28	3	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media . .	1	28	3	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	17	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	64	17	g	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	—	15	3	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	—	13	2	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	18	5	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	18	5	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing . . .	—	6	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3359	Other electrical equipment and component manufacturing.....	5	29	9	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	5	7	4	e	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing	4	6	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	99	35	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	5	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	5	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	33	18	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	3	3	3	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	3	3	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing . . .	—	3	3	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing . .	—	3	3	f	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
33639	Other motor vehicle parts manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	13	8	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	13	8	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	34	4	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	2	34	4	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing . .	2	19	3	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	364	61	i	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	260	27	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing . . .	1	158	14	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing . .	1	158	14	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	2	102	13	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	4	21	3	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	1	66	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	3	87	28	2 534	84 554	1 711	3 438	50 754	151 533	94 248	247 212	D
33721	Office furniture (including fixtures) manufacturing	3	87	28	2 534	84 554	1 711	3 438	50 754	151 533	94 248	247 212	D
337211	Wood office furniture manufacturing	3	18	4	e	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	1	41	14	g	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	4	24	7	938	32 683	693	1 359	20 819	57 555	40 394	98 049	D
3379	Other furniture related product manufacturing	—	17	6	f	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	—	10	2	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	—	10	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	554	85	i	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	3	258	29	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	3	258	29	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	3	21	6	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	3	41	9	f	D	D	D	D	D	D	D	D
339116	Dental laboratories	4	158	7	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	296	56	h	D	D	D	D	D	D	D	D
33995	Sign manufacturing	3	149	30	g	D	D	D	D	D	D	D	D
339950	Sign manufacturing	3	149	30	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	1	74	18	g	D	D	D	D	D	D	D	D
339992	Musical instrument manufacturing	—	11	3	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	1	57	13	f	D	D	D	D	D	D	D	D
Baltimore-Towson, MD Metropolitan Statistical Area													
31-33	Manufacturing	1	2 103	656	82 438	3 692 128	51 841	100 867	1 884 007	11 095 515	9 542 974	20 650 731	1 091 046
311	Food manufacturing	2	192	68	8 008	284 267	5 159	10 155	158 863	1 396 914	1 587 943	3 002 098	53 204
3112	Grain and oilseed milling	1	6	5	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
311225	Fats and oils refining and blending	—	2	2	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	9	19	6	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311312	Cane sugar refining	9	1	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	9	5	878	33 702	564	1 194	21 015	167 640	242 284	417 609	9 625
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	4	7	3	e	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	4	7	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	16	7	498	15 386	382	847	10 024	97 371	67 298	164 793	2 222
31161	Animal slaughtering and processing	1	16	7	498	15 386	382	847	10 024	97 371	67 298	164 793	2 222
3118	Bakeries and tortilla manufacturing	6	93	20	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	6	87	20	g	D	D	D	D	D	D	D	7 842
311811	Retail bakeries	6	55	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	7	30	13	1 399	45 982	709	1 431	19 766	111 759	59 328	171 596	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
311	Food manufacturing—Con.												
3119	Other food manufacturing	—	35	20	2 919	118 255	2 029	3 926	67 203	855 877	650 557	1 514 361	20 214
31191	Snack food manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	—	14	10	g	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	1	9	8	891	42 141	567	1 179	22 399	273 095	297 977	578 048	8 374
31199	All other food manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	—	8	4	f	D	D	D	D	D	D	D	5 725
312	Beverage and tobacco product manufacturing	—	16	10	1 178	46 873	647	1 204	22 531	276 964	335 617	618 597	D
3121	Beverage manufacturing	—	16	10	1 178	46 873	647	1 204	22 531	276 964	335 617	618 597	D
31211	Soft drink and ice manufacturing	—	9	7	815	30 355	380	725	12 176	119 991	278 812	398 820	D
312111	Soft drink manufacturing	—	7	6	f	D	D	D	D	D	D	D	D
31214	Distilleries	—	3	3	e	D	D	D	D	D	D	D	D
312140	Distilleries	—	3	3	e	D	D	D	D	D	D	D	D
313	Textile mills	8	17	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	6	9	2	e	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	4	3	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	8	8	2	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	8	7	2	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	8	7	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	8	73	8	1 002	26 200	800	1 574	18 494	141 845	305 864	446 319	D
3141	Textile furnishings mills	9	26	3	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	3	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	3	1	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	6	47	5	e	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills	7	30	4	352	9 704	248	487	5 919	26 751	19 558	46 264	D
314912	Canvas and related product mills	6	28	3	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	48	14	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	3	35	12	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	3	7	5	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	8	4	3	e	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	1	9	4	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	60	19	1 701	49 305	1 374	2 675	34 028	102 859	107 837	210 365	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	8	4	399	14 470	288	583	8 155	30 446	29 743	60 134	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	8	4	399	14 470	288	583	8 155	30 446	29 743	60 134	D
321214	Truss manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	45	15	1 259	33 557	1 048	2 023	24 824	70 474	72 251	142 307	D
32191	Millwork	2	19	9	815	22 043	682	1 313	16 440	45 840	50 626	96 647	D
321918	Other millwork (including flooring)	—	11	5	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
322	Paper manufacturing	-	31	21	3 000	111 799	2 515	5 218	82 064	262 449	335 716	588 890	9 835
3222	Converted paper product manufacturing	-	28	18	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	19	12	2 404	87 926	2 071	4 336	67 545	206 263	273 264	470 240	D
322211	Corrugated and solid fiber box manufacturing	-	16	10	g	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	1	3	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	350	98	7 859	274 519	5 865	10 788	177 623	610 594	335 971	939 789	35 548
3231	Printing and related support activities	2	350	98	7 859	274 519	5 865	10 788	177 623	610 594	335 971	939 789	35 548
32311	Printing	2	302	80	6 540	223 943	4 827	8 792	141 493	524 058	315 866	833 343	D
323110	Commercial lithographic printing	1	152	48	3 533	122 047	2 646	4 260	77 257	232 801	158 723	385 616	19 683
323112	Commercial flexographic printing	-	4	4	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	2	31	10	519	16 659	353	766	9 134	28 602	21 525	50 201	1 492
323114	Quick printing	3	62	2	335	10 033	225	410	6 466	25 458	8 492	33 957	D
323116	Manifold business forms printing	3	6	6	859	25 810	645	1 381	16 752	126 844	40 349	166 025	3 238
323117	Books printing	-	8	3	548	21 378	441	924	15 582	43 864	25 638	69 426	2 611
32312	Support activities for printing...	1	48	18	1 319	50 576	1 038	1 996	36 130	86 536	20 105	106 446	D
323121	Tradebinding and related work	1	20	11	f	D	D	D	D	D	D	D	2 882
323122	Prepress services	1	28	7	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	1	21	6	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	1	21	6	e	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	17	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	113	44	8 634	411 163	4 802	9 100	227 513	1 996 698	1 138 796	3 123 965	177 440
3251	Basic chemical manufacturing ...	-	26	12	2 299	144 841	1 326	2 709	75 454	326 640	437 604	763 407	D
32513	Synthetic dye and pigment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	13	6	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	-	13	6	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	20	7	2 917	143 486	1 417	2 457	72 696	468 870	111 277	557 479	D
32541	Pharmaceutical and medicine manufacturing	-	20	7	2 917	143 486	1 417	2 457	72 696	468 870	111 277	557 479	D
325412	Pharmaceutical preparation manufacturing	-	11	5	g	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	-	17	8	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	-	11	6	653	24 948	450	778	14 511	269 497	202 039	470 544	D
325510	Paint and coating manufacturing	-	11	6	653	24 948	450	778	14 511	269 497	202 039	470 544	D
32552	Adhesive manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	-	15	7	g	D	D	D	D	D	D	D	10 111
32561	Soap and cleaning compound manufacturing	-	10	5	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	5	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
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WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing	3	25	9	486	21 419	309	651	11 173	66 253	94 240	160 454	3 589
32599	All other chemical product and preparation manufacturing . . .	3	18	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	74	38	4 545	154 075	3 615	7 226	104 574	430 648	379 380	793 504	33 621
3261	Plastics product manufacturing . .	1	59	31	4 117	137 938	3 352	6 722	97 034	384 177	355 503	727 121	32 913
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	6	3	e	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing . .	—	6	5	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	38	18	2 486	81 020	1 948	3 839	51 867	185 393	121 547	302 125	19 656
326199	All other plastics product manufacturing	3	37	18	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing . . .	1	15	7	428	16 137	263	504	7 540	46 471	23 877	66 383	708
32629	Other rubber product manufacturing	1	10	5	310	13 506	176	365	5 892	25 380	13 748	40 057	D
326299	All other rubber product manufacturing	1	9	5	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	92	33	3 196	125 697	2 173	4 338	80 264	377 646	307 087	676 886	D
3271	Clay product and refractory manufacturing	1	13	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	1	13	2	e	D	D	D	D	D	D	D	942
32721	Glass and glass product manufacturing	1	13	2	e	D	D	D	D	D	D	D	942
327213	Glass container manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	49	23	1 901	74 039	1 172	2 412	43 519	190 028	152 895	339 591	D
32732	Ready-mix concrete manufacturing	3	27	10	1 011	36 454	569	1 112	20 566	64 711	81 357	146 121	D
327320	Ready-mix concrete manufacturing	3	27	10	1 011	36 454	569	1 112	20 566	64 711	81 357	146 121	D
32733	Concrete pipe, brick, and block manufacturing	1	10	7	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	5	9	4	317	12 882	204	388	7 277	30 015	15 097	44 281	D
327390	Other concrete product manufacturing	5	9	4	317	12 882	204	388	7 277	30 015	15 097	44 281	D
3274	Lime and gypsum product manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	13	4	263	10 628	165	333	6 159	62 952	20 782	83 304	D
331	Primary metal manufacturing	—	22	9	h	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	1	h	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	6	3	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	6	3	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	6	3	e	D	D	D	D	D	D	D	D

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

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WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
332	Fabricated metal product manufacturing	2	308	95	7 532	303 057	5 558	11 037	197 525	772 303	627 803	1 394 812	47 154
3321	Forging and stamping.....	1	12	8	f	D	D	D	D	D	D	D	2 478
33211	Forging and stamping.....	1	12	8	f	D	D	D	D	D	D	D	2 478
332116	Metal stamping	—	6	4		326	15 394	231	454	8 476	21 582	22 270	43 820
3323	Architectural and structural metals manufacturing	2	73	16	1 482	55 461	1 030	2 055	34 792	117 194	110 528	226 824	5 319
33231	Plate work and fabricated structural product manufacturing	1	23	6	640	22 670	431	875	14 385	27 586	54 032	83 061	1 884
332312	Fabricated structural metal manufacturing	2	16	3	e	D	D	D	D	D	D	D	1 147
332313	Plate work manufacturing ..	1	6	2	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	2	50	10	842	32 791	599	1 180	20 407	89 608	56 496	143 763	3 435
332322	Sheet metal work manufacturing	3	26	8	542	22 297	371	744	13 210	54 369	24 757	77 020	1 406
332323	Ornamental and architectural metal work manufacturing ..	1	18	2	266	9 540	200	383	6 566	32 578	28 316	60 625	1 888
3324	Boiler, tank, and shipping container manufacturing	2	14	9	f	D	D	D	D	D	D	D	D
33243	Metal can, box, and other metal container (light gauge) manufacturing	2	8	6	f	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	3	5	5	521	24 454	429	868	18 835	58 691	93 634	153 823	3 425
3326	Spring and wire product manufacturing	5	15	9	785	23 484	676	1 357	17 507	44 514	41 448	83 225	2 251
33261	Spring and wire product manufacturing	5	15	9	785	23 484	676	1 357	17 507	44 514	41 448	83 225	2 251
332618	Other fabricated wire product manufacturing	4	13	8	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	134	36	2 245	94 484	1 631	3 295	59 047	196 407	107 075	303 148	D
33271	Machine shops	4	118	30	1 751	74 311	1 262	2 537	44 762	154 780	94 433	249 709	16 445
332710	Machine shops	4	118	30	1 751	74 311	1 262	2 537	44 762	154 780	94 433	249 709	16 445
33272	Turned product and screw, nut, and bolt manufacturing	—	16	6	494	20 173	369	758	14 285	41 627	12 642	53 439	D
332721	Precision turned product manufacturing	—	13	5	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	1	33	8	572	18 808	444	803	12 524	38 216	41 369	79 098	D
33281	Coating, engraving, heat treating, and allied activities ..	1	33	8	572	18 808	444	803	12 524	38 216	41 369	79 098	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	14	4	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	21	8	1 094	51 044	729	1 365	33 608	239 028	147 583	384 622	9 760
33291	Metal valve manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	4	17	6	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	4	12	6	e	D	D	D	D	D	D	D	8 104
333	Machinery manufacturing	3	100	32	4 485	208 709	2 613	5 309	92 406	571 202	412 905	937 535	12 613
3332	Industrial machinery manufacturing	6	16	6	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	6	14	6	f	D	D	D	D	D	D	D	D
333291	Paper industry machinery manufacturing	6	4	2	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	14	3	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	14	3	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	7	2	e	D	D	D	D	D	D	D	D

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

[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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Baltimore-Towson, MD Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	7	1 292	59 900	716	1 600	21 571	143 585	85 984	228 195	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	15	7	1 292	59 900	716	1 600	21 571	143 585	85 984	228 195	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	6	30	12	1 528	69 190	864	1 702	30 274	198 606	206 215	364 599	4 573
33399	All other general purpose machinery manufacturing	9	19	9	1 268	55 568	733	1 435	24 855	120 754	104 031	226 702	3 667
333993	Packaging machinery manufacturing	8	4	2	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	9	12	6	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	118	53	j	D	D	D	D	D	D	D	195 246
3341	Computer and peripheral equipment manufacturing	5	17	5	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	5	17	5	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	5	8	3	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	28	17	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	2	16	13	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	2	16	13	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	4	27	11	899	35 701	489	935	14 176	56 391	45 807	104 345	D
33441	Semiconductor and other electronic component manufacturing	4	27	11	899	35 701	489	935	14 176	56 391	45 807	104 345	D
334413	Semiconductor and related device manufacturing	9	6	3	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	1	5	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	37	19	i	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	37	19	i	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	7	5	e	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	9	6	i	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
335	Electrical equipment, appliance, and component manufacturing	2	33	7	1 265	46 537	907	1 643	26 037	71 849	55 860	133 451	D
3353	Electrical equipment manufacturing	—	7	2	680	21 900	529	829	14 097	38 870	26 111	67 512	D
33531	Electrical equipment manufacturing	—	7	2	680	21 900	529	829	14 097	38 870	26 111	67 512	D
335313	Switchgear and switchboard apparatus manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	5	16	4	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	4	5	3	391	16 228	255	553	8 628	17 160	13 639	33 783	722
335921	Fiber optic cable manufacturing	4	5	3	391	16 228	255	553	8 628	17 160	13 639	33 783	722
336	Transportation equipment manufacturing	—	60	20	4 361	'217 601	3 430	6 038	'159 467	1 018 276	1 370 039	2 390 913	D
3361	Motor vehicle manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	18	11	1 582	67 004	1 237	1 906	46 848	214 356	305 815	516 281	D
33632	Motor vehicle electrical and electronic equipment manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	2	2	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
33639	Other motor vehicle parts manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	2	27	3	524	22 144	442	984	18 150	39 106	34 764	73 870	D
33661	Ship and boat building	2	27	3	524	22 144	442	984	18 150	39 106	34 764	73 870	D
336611	Ship building and repairing ..	1	15	3	445	19 948	382	877	16 701	34 252	30 404	64 656	D
337	Furniture and related product manufacturing	2	'145	'27	'2 532	'76 714	'1 774	'3 576	'44 022	'151 627	'114 412	'267 992	'7 652
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	97	9	1 144	26 516	860	1 713	16 808	49 474	45 273	94 854	4 597
33711	Wood kitchen cabinet and countertop manufacturing	5	56	5	424	11 170	300	565	7 139	21 465	12 974	34 443	D
337110	Wood kitchen cabinet and countertop manufacturing ..	5	56	5	424	11 170	300	565	7 139	21 465	12 974	34 443	D
33712	Household and institutional furniture manufacturing	3	41	4	720	15 346	560	1 148	9 669	28 009	32 299	60 411	D
337121	Upholstered household furniture manufacturing	8	4	1	285	4 744	241	462	3 435	9 336	10 821	20 338	D
337122	Nonupholstered wood household furniture manufacturing	1	29	2	315	7 536	220	499	3 987	13 244	17 497	30 912	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Baltimore-Towson, MD Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	1	40	15	1 024	37 378	739	1 488	22 335	67 814	46 838	116 461	D
33721	Office furniture (including fixtures) manufacturing	1	40	15	1 024	37 378	739	1 488	22 335	67 814	46 838	116 461	D
337212	Custom architectural woodwork and millwork manufacturing	—	18	6	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	1	12	4	386	14 467	292	596	9 700	27 354	20 137	47 623	D
3379	Other furniture related product manufacturing	—	8	3	364	12 820	175	375	4 879	34 339	22 301	56 677	D
33792	Blind and shade manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	226	48	2 881	112 605	1 853	3 598	56 495	240 946	155 860	390 597	D
3391	Medical equipment and supplies manufacturing	2	84	15	1 106	50 890	607	1 124	19 533	113 168	54 127	160 445	D
33911	Medical equipment and supplies manufacturing	2	84	15	1 106	50 890	607	1 124	19 533	113 168	54 127	160 445	D
339113	Surgical appliance and supplies manufacturing	2	18	7	e	D	D	D	D	D	D	D	D
339116	Dental laboratories	3	47	3	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	142	33	1 775	61 715	1 246	2 474	36 962	127 778	101 733	230 152	D
33995	Sign manufacturing	4	66	14	663	22 092	439	898	11 850	40 725	21 554	61 514	D
339950	Sign manufacturing	4	66	14	663	22 092	439	898	11 850	40 725	21 554	61 514	D
33999	All other miscellaneous manufacturing	1	41	14	779	26 802	553	1 059	16 196	63 617	38 581	101 281	D
339999	All other miscellaneous manufacturing	1	31	11	e	D	D	D	D	D	D	D	D
Lexington Park, MD Micropolitan Statistical Area													
31-33	Manufacturing	3	31	4	430	11 979	281	532	6 601	24 774	21 058	45 970	D
Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area													
31-33	Manufacturing	1	2 553	602	70 848	3 130 998	40 783	80 218	1 384 798	8 246 731	6 370 167	14 780 577	429 781
311	Food manufacturing	2	214	48	4 586	130 942	2 776	5 415	73 444	698 209	503 845	1 200 246	16 240
3115	Dairy product manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	5	4	645	29 109	418	933	17 549	167 546	249 858	417 479	2 398
311511	Fluid milk manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	11	4	506	14 241	387	893	9 308	80 029	36 255	116 262	1 298
31161	Animal slaughtering and processing	2	11	4	506	14 241	387	893	9 308	80 029	36 255	116 262	1 298
311612	Meat processed from carcasses	2	7	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	146	33	h	D	D	D	D	D	D	D	6 231
31181	Bread and bakery product manufacturing	2	140	31	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	4	105	20	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	34	11	1 104	39 899	538	1 123	17 360	256 875	58 641	315 384	4 726
3119	Other food manufacturing	9	30	3	431	12 541	320	645	7 487	91 646	84 803	174 630	3 345
312	Beverage and tobacco product manufacturing	1	22	7	664	29 487	226	469	8 868	139 199	239 911	379 974	10 645
3121	Beverage manufacturing	1	22	7	664	29 487	226	469	8 868	139 199	239 911	379 974	10 645
31211	Soft drink and ice manufacturing	—	8	6	f	D	D	D	D	D	D	D	9 899
312111	Soft drink manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
314	Textile product mills	5	67	8	588	14 826	436	837	8 056	28 009	20 806	49 641	D
3141	Textile furnishings mills	5	44	6	414	9 589	305	560	5 067	16 573	16 075	33 363	D
31412	Curtain and linen mills	5	42	6	e	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	4	37	6	e	D	D	D	D	D	D	D	D

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

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Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.													
315	Apparel manufacturing	9	62	5	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	41	5	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	81	29	2 986	91 058	2 369	4 868	60 367	292 711	355 574	645 700	14 229
3212	Veneer, plywood, and engineered wood product manufacturing	2	8	7	328	10 268	254	583	6 153	21 800	23 909	45 633	D
32121	Veneer, plywood, and engineered wood product manufacturing	2	8	7	328	10 268	254	583	6 153	21 800	23 909	45 633	D
321214	Truss manufacturing	1	6	6	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	58	19	2 455	75 027	1 944	3 967	49 765	258 788	285 898	542 069	11 758
32191	Millwork	3	38	9	968	31 732	764	1 653	20 936	71 177	87 010	156 969	D
321911	Wood window and door manufacturing	—	11	4	582	19 188	456	1 024	12 566	44 553	49 141	92 992	1 320
321918	Other millwork (including flooring)	8	19	3	298	9 975	238	492	6 686	17 410	27 507	44 837	1 407
32199	All other wood product manufacturing	—	14	7	1 383	40 963	1 090	2 138	27 018	177 706	194 224	370 630	8 020
321992	Prefabricated wood building manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	2	15	6	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	14	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	653	134	15 306	603 105	11 017	20 897	383 470	1 162 946	669 526	1 829 505	89 074
3231	Printing and related support activities	1	653	134	15 306	603 105	11 017	20 897	383 470	1 162 946	669 526	1 829 505	89 074
32311	Printing	1	592	125	14 608	573 771	10 515	19 914	364 639	1 107 395	651 574	1 756 139	87 452
323110	Commercial lithographic printing	1	301	95	10 453	437 543	7 615	14 770	280 643	816 790	522 106	1 336 696	56 321
323113	Commercial screen printing	1	34	5	745	17 766	571	576	9 779	39 751	17 978	58 260	1 536
323114	Quick printing	3	147	8	983	30 861	621	1 141	17 525	66 156	23 921	89 937	4 071
323115	Digital printing	—	27	2	497	20 734	237	468	10 632	43 973	11 322	55 074	D
323117	Books printing	—	18	9	1 512	52 397	1 184	2 416	37 044	107 601	56 389	162 478	14 792
323119	Other commercial printing	5	45	4	280	9 284	194	351	5 592	19 469	10 414	30 594	452
32312	Support activities for printing	5	61	9	698	29 334	502	983	18 831	55 551	17 952	73 366	1 622
323121	Tradebinding and related work	6	23	4	387	13 307	313	626	9 689	27 966	11 016	38 794	855
323122	Prepress services	5	38	5	311	16 027	189	357	9 142	27 585	6 936	34 572	767
324	Petroleum and coal products manufacturing	—	17	3	451	17 910	343	699	13 169	81 235	106 443	187 322	9 491
3241	Petroleum and coal products manufacturing	—	17	3	451	17 910	343	699	13 169	81 235	106 443	187 322	9 491
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	17	3	451	17 910	343	699	13 169	81 235	106 443	187 322	9 491
324122	Asphalt shingle and coating materials manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	79	26	3 060	162 741	1 630	2 903	75 364	1 358 120	412 972	1 790 425	31 194
3254	Pharmaceutical and medicine manufacturing	—	29	12	1 560	85 509	813	1 469	35 390	828 538	94 813	937 670	21 066
32541	Pharmaceutical and medicine manufacturing	—	29	12	1 560	85 509	813	1 469	35 390	828 538	94 813	937 670	21 066
325413	In-vitro diagnostic substance manufacturing	8	8	5	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	21	7	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	6	17	5	e	D	D	D	D	D	D	D	1 116

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Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.													
326	Plastics and rubber products manufacturing	1	43	23	1 681	52 841	1 203	2 283	34 613	126 828	127 473	253 589	5 785
3261	Plastics product manufacturing ..	1	40	21	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated 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	1	31	17	1 005	30 555	644	1 270	17 476	85 905	65 546	150 951	3 982
326199	All other plastics product manufacturing	1	27	15	939	28 777	604	1 202	16 640	79 039	60 797	139 587	D
327	Nonmetallic mineral product manufacturing	1	148	54	3 176	126 741	2 485	5 231	90 306	373 658	314 198	682 105	33 623
3273	Cement and concrete product manufacturing	1	98	44	2 675	108 944	2 104	4 504	76 866	330 609	293 560	618 997	32 086
32732	Ready-mix concrete manufacturing	—	57	21	1 185	51 539	994	2 090	40 958	175 860	187 429	362 571	D
327320	Ready-mix concrete manufacturing	—	57	21	1 185	51 539	994	2 090	40 958	175 860	187 429	362 571	D
32733	Concrete pipe, brick, and block manufacturing	4	11	7	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	1	26	14	964	34 585	719	1 539	20 795	79 270	38 276	116 486	D
327390	Other concrete product manufacturing	1	26	14	964	34 585	719	1 539	20 795	79 270	38 276	116 486	D
3279	Other nonmetallic mineral product manufacturing	2	18	6	293	11 799	206	359	8 785	29 367	12 925	42 177	D
32799	All other nonmetallic mineral product manufacturing	2	18	6	293	11 799	206	359	8 785	29 367	12 925	42 177	D
327991	Cut stone and stone product manufacturing	3	15	5	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	2	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	2	1	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	228	60	4 749	185 833	3 280	6 586	105 328	456 230	308 389	798 460	17 429
3323	Architectural and structural metals manufacturing	2	105	31	2 799	107 572	1 898	3 839	59 057	226 046	197 798	430 550	8 050
33231	Plate work and fabricated structural product manufacturing	3	26	12	1 025	38 954	681	1 408	22 185	78 385	110 573	192 061	3 278
332312	Fabricated structural metal manufacturing	3	20	11	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	79	19	1 774	68 618	1 217	2 431	36 872	147 661	87 225	238 489	4 772
332321	Metal window and door manufacturing	2	11	2	427	11 992	358	673	8 302	26 008	27 723	55 041	1 309
332322	Sheet metal work manufacturing	2	37	8	623	22 176	438	864	12 666	41 343	31 872	73 520	2 043
332323	Ornamental and architectural metal work manufacturing ..	1	31	9	724	34 450	421	894	15 904	80 310	27 630	109 928	1 420
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	64	12	690	29 433	539	1 031	20 724	60 382	15 722	76 062	5 088
33271	Machine shops	2	58	12	647	27 592	509	963	19 210	56 542	14 833	71 347	4 994
332710	Machine shops	2	58	12	647	27 592	509	963	19 210	56 542	14 833	71 347	4 994
3329	Other fabricated metal product manufacturing	1	21	10	777	30 567	501	1 042	15 514	109 957	78 669	215 328	3 323
33299	All other fabricated metal product manufacturing	1	20	10	f	D	D	D	D	D	D	D	D
332994	Small arms manufacturing ...	—	3	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	2	13	7	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
333	Machinery manufacturing	4	'78	'21	'3 351	'130 306	'2 271	'4 417	'70 488	'274 147	'255 932	'533 965	'12 231
3332	Industrial machinery manufacturing	2	17	3	554	30 615	273	458	12 394	69 724	41 533	114 955	943
33329	Other industrial machinery manufacturing	2	17	3	554	30 615	273	458	12 394	69 724	41 533	114 955	943
3333	Commercial and service industry machinery manufacturing	8	24	5	1 290	38 990	1 049	2 080	27 441	102 585	101 207	204 704	D
33331	Commercial and service industry machinery manufacturing	8	24	5	1 290	38 990	1 049	2 080	27 441	102 585	101 207	204 704	D
333311	Automatic vending machine manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	3	10	3	278	9 709	230	476	6 990	10 814	7 079	17 799	367
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	5	2	281	11 430	161	323	4 887	9 383	19 929	29 007	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	5	2	281	11 430	161	323	4 887	9 383	19 929	29 007	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	6	4	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	'16	'7	'878	'35 149	'580	'1 161	'19 703	'74 431	'52 247	'126 284	D
33399	All other general purpose machinery manufacturing	1	9	4	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	233	87	18 872	1 121 230	5 209	10 494	213 048	2 246 235	2 112 964	4 437 459	142 615
3341	Computer and peripheral equipment manufacturing	5	22	7	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	5	22	7	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	4	10	4	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	64	30	6 453	378 207	1 094	2 167	34 234	570 933	1 384 280	1 982 748	65 173
33421	Telephone apparatus manufacturing	4	16	7	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	4	16	7	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	33	19	5 086	302 173	694	1 289	20 597	409 873	1 272 366	1 707 023	61 953
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	33	19	5 086	302 173	694	1 289	20 597	409 873	1 272 366	1 707 023	61 953
33429	Other communications equipment manufacturing	-	15	4	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	-	15	4	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	4	50	21	3 207	158 107	1 905	3 890	87 744	302 429	147 204	487 221	27 126
33441	Semiconductor and other electronic component manufacturing	4	50	21	3 207	158 107	1 905	3 890	87 744	302 429	147 204	487 221	27 126
334412	Bare printed circuit board manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	6	12	6	g	D	D	D	D	D	D	D	16 473
334418	Printed circuit assembly (electronic assembly) manufacturing	1	10	4	593	30 595	201	506	5 739	58 238	43 299	101 193	D
334419	Other electronic component manufacturing	5	13	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	69	26	8 204	540 304	1 739	3 485	76 702	1 267 894	500 744	1 784 569	46 823
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	69	26	8 204	540 304	1 739	3 485	76 702	1 267 894	500 744	1 784 569	46 823
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	14	8	5 096	320 736	1 048	2 097	51 109	891 627	183 793	1 096 588	24 403
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	10	6	2 121	173 932	240	514	10 061	278 386	220 805	498 386	D
334516	Analytical laboratory instrument manufacturing . .	—	12	3	e	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	2	14	4	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	1	22	3	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media . .	1	22	3	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	15	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	27	8	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	34	12	2 329	147 209	1 067	2 206	58 972	242 514	293 604	544 412	16 636
3363	Motor vehicle parts manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	9	6	1 644	113 296	497	1 077	31 005	177 994	157 095	342 382	15 196
33641	Aerospace product and parts manufacturing	—	9	6	1 644	113 296	497	1 077	31 005	177 994	157 095	342 382	15 196
336413	Other aircraft parts and auxiliary equipment manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	205	31	3 669	113 549	2 712	5 432	74 804	297 563	208 900	506 169	10 267
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	151	16	1 724	51 259	1 391	2 829	36 881	164 630	122 773	287 279	D
33711	Wood kitchen cabinet and countertop manufacturing	1	97	8	1 045	32 593	827	1 723	22 783	127 518	93 536	220 927	D
337110	Wood kitchen cabinet and countertop manufacturing . .	1	97	8	1 045	32 593	827	1 723	22 783	127 518	93 536	220 927	D
33712	Household and institutional furniture manufacturing	1	54	8	679	18 666	564	1 106	14 098	37 112	29 237	66 352	D
337121	Upholstered household furniture manufacturing	—	14	2	275	6 096	245	463	5 043	14 538	17 183	31 737	D
337122	Nonupholstered wood household furniture manufacturing	2	33	4	271	8 204	217	431	6 340	15 461	9 033	24 359	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	4	47	13	1 510	47 176	972	1 950	28 419	83 719	47 410	130 751	2 745
33721	Office furniture (including fixtures) manufacturing	4	47	13	1 510	47 176	972	1 950	28 419	83 719	47 410	130 751	2 745
337212	Custom architectural woodwork and millwork manufacturing	1	23	8	802	23 381	447	935	13 517	41 085	20 212	60 951	D
337215	Showcase, partition, shelving, and locker manufacturing	6	12	3	552	18 216	401	763	11 119	30 201	20 257	50 426	D
3379	Other furniture related product manufacturing	—	7	2	435	15 114	349	653	9 504	49 214	38 717	88 139	D
33791	Mattress manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	320	36	2 966	103 266	1 986	3 841	53 700	212 806	114 031	326 841	D
3391	Medical equipment and supplies manufacturing	4	170	14	1 163	41 817	750	1 411	21 089	96 023	40 987	136 376	D
33911	Medical equipment and supplies manufacturing	4	170	14	1 163	41 817	750	1 411	21 089	96 023	40 987	136 376	D
339116	Dental laboratories	5	108	4	490	14 787	364	658	10 637	23 809	5 561	29 288	D
3399	Other miscellaneous manufacturing	3	150	22	1 803	61 449	1 236	2 430	32 611	116 783	73 044	190 465	D
33995	Sign manufacturing	3	82	16	1 178	43 021	775	1 543	22 421	77 905	44 491	123 396	D
339950	Sign manufacturing	3	82	16	1 178	43 021	775	1 543	22 421	77 905	44 491	123 396	D
33999	All other miscellaneous manufacturing	1	31	3	368	10 271	280	539	6 142	17 562	14 400	31 551	D
Bethesda-Frederick-Gaithersburg, MD Metropolitan Division													
31-33	Manufacturing	—	707	159	22 925	1 125 598	10 865	21 145	359 826	3 234 554	2 809 544	6 090 690	170 037
311	Food manufacturing	1	53	12	1 190	36 392	739	1 502	21 600	315 372	163 190	479 184	5 564
3115	Dairy product manufacturing	—	4	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
3118	Bakeries and tortilla manufacturing	1	38	9	780	20 166	468	910	11 925	200 417	36 626	236 932	3 010
31181	Bread and bakery product manufacturing	1	38	9	780	20 166	468	910	11 925	200 417	36 626	236 932	3 010
311811	Retail bakeries	5	30	5	414	6 520	212	336	3 473	12 252	6 540	18 769	361
311812	Commercial bakeries	—	8	4	366	13 646	256	574	8 452	188 165	30 086	218 163	2 649
321	Wood product manufacturing	—	21	8	1 197	38 661	932	1 960	25 698	179 481	208 887	386 073	7 387
3219	Other wood product manufacturing	—	14	5	1 105	35 265	871	1 834	24 048	172 958	198 956	369 770	D
32199	All other wood product manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	151	25	3 090	114 505	2 183	4 163	69 184	271 549	105 660	377 581	13 034
3231	Printing and related support activities	1	151	25	3 090	114 505	2 183	4 163	69 184	271 549	105 660	377 581	13 034
32311	Printing	1	136	24	2 994	110 058	2 113	4 026	66 278	263 167	102 226	365 767	12 873
323110	Commercial lithographic printing	—	61	15	2 218	83 678	1 555	3 032	49 100	208 721	70 752	280 539	9 125
323117	Books printing	2	11	5	377	13 633	317	580	10 808	26 774	18 478	44 564	D
325	Chemical manufacturing	—	25	11	1 334	71 117	703	1 245	30 327	747 600	71 220	838 167	16 100
3254	Pharmaceutical and medicine manufacturing	—	16	8	1 161	64 331	633	1 096	27 839	733 514	56 439	809 541	15 224
32541	Pharmaceutical and medicine manufacturing	—	16	8	1 161	64 331	633	1 096	27 839	733 514	56 439	809 541	15 224
325413	In-vitro diagnostic substance manufacturing	8	7	5	e	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing ..	—	4	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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Bethesda-Frederick-Gaithersburg, MD Metropolitan Division—Con.												
326	Plastics and rubber products manufacturing	—	9	4	257	8 337	174	342	4 724	36 015	30 444	66 010	659
3261	Plastics product manufacturing ..	—	9	4	257	8 337	174	342	4 724	36 015	30 444	66 010	659
32619	Other plastics product manufacturing	—	9	4	257	8 337	174	342	4 724	36 015	30 444	66 010	659
327	Nonmetallic mineral product manufacturing	1	39	15	809	33 637	641	1 214	23 352	85 623	76 285	158 506	D
3273	Cement and concrete product manufacturing	—	19	10	558	25 196	437	853	16 773	69 937	67 858	134 854	D
331	Primary metal manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	1	1	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	1	1	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	52	12	1 105	40 635	736	1 389	24 400	77 096	62 329	139 681	3 602
3323	Architectural and structural metals manufacturing	2	19	7	813	29 524	523	1 027	17 083	55 664	52 028	107 916	2 947
33231	Plate work and fabricated structural product manufacturing	5	7	3	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	5	5	3	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	12	4	e	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	—	6	2	253	7 469	158	316	3 724	14 122	13 985	28 256	998
333	Machinery manufacturing	3	24	9	1 022	47 601	570	1 036	20 827	84 915	85 321	173 015	2 301
3332	Industrial machinery manufacturing	2	7	2	365	22 619	152	206	8 376	48 060	28 941	80 423	D
33329	Other industrial machinery manufacturing	2	7	2	365	22 619	152	206	8 376	48 060	28 941	80 423	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	4	2	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	4	2	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	6	4	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	93	38	9 881	609 547	2 033	4 047	65 406	983 094	1 641 942	2 646 688	95 701
3342	Communications equipment manufacturing	—	24	14	5 192	310 014	663	1 256	19 204	418 907	1 253 405	1 701 433	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	16	11	4 726	285 925	537	962	15 787	362 297	1 223 501	1 614 638	60 795
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	16	11	4 726	285 925	537	962	15 787	362 297	1 223 501	1 614 638	60 795
33429	Other communications equipment manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
334290	Other communications equipment 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.]

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	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Bethesda-Frederick-Gaithersburg, MD Metropolitan Division—Con.												
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing	1	26	12	1 541	68 791	745	1 564	21 590	155 286	73 284	229 101	D
33441	Semiconductor and other electronic component manufacturing	1	26	12	1 541	68 791	745	1 564	21 590	155 286	73 284	229 101	D
334413	Semiconductor and related device manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	5	2	421	23 332	89	246	2 115	42 334	25 773	68 145	D
334419	Other electronic component manufacturing	3	9	5	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	28	8	2 873	217 639	506	1 008	21 310	382 222	293 161	667 399	22 591
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	28	8	2 873	217 639	506	1 008	21 310	382 222	293 161	667 399	22 591
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	5	3	2 002	167 629	185	401	8 175	267 870	210 997	477 955	D
335	Electrical equipment, appliance, and component manufacturing	1	12	4	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	66	7	522	16 461	404	791	10 898	30 107	19 586	49 713	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	49	4	331	10 208	255	502	6 996	18 143	11 425	29 595	D
339	Miscellaneous manufacturing	6	109	8	656	22 465	435	796	11 575	47 553	18 678	66 058	D
3391	Medical equipment and supplies manufacturing	6	73	7	473	16 876	318	583	8 639	37 448	11 828	49 244	D
33911	Medical equipment and supplies manufacturing	6	73	7	473	16 876	318	583	8 639	37 448	11 828	49 244	D
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division												
31-33	Manufacturing	2	'1 846	'443	'47 923	'2 005 400	29 918	59 073	1 024 972	'5 012 177	'3 560 623	'8 689 887	'259 744
311	Food manufacturing	3	161	36	3 396	94 550	2 037	3 913	51 844	382 837	340 655	721 062	10 676
3115	Dairy product manufacturing	—	3	3	420	19 810	284	626	12 486	76 542	150 843	226 946	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	11	4	506	14 241	387	893	9 308	80 029	36 255	116 262	1 298
31161	Animal slaughtering and processing	2	11	4	506	14 241	387	893	9 308	80 029	36 255	116 262	1 298
311612	Meat processed from carcasses	2	7	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	108	24	g	D	D	D	D	D	D	D	3 221
31181	Bread and bakery product manufacturing	3	102	22	g	D	D	D	D	D	D	D	D
311811	Retail bakeries	4	75	15	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	26	7	738	26 253	282	549	8 908	68 710	28 555	97 221	2 077
3119	Other food manufacturing	9	21	2	e	D	D	D	D	D	D	D	2 631

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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division—Con.												
312	Beverage and tobacco product manufacturing	1	16	6	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	16	6	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	4	4	e	D	D	D	D	D	D	D	D
314	Textile product mills	5	53	7	493	12 239	373	728	6 874	23 057	17 059	40 948	D
3141	Textile furnishings mills	6	34	5	331	7 407	251	469	4 159	12 323	12 842	25 886	D
31412	Curtain and linen mills	5	32	5	e	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills....	5	28	5	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	60	21	1 789	52 397	1 437	2 908	34 669	113 230	146 687	259 627	6 842
3219	Other wood product manufacturing	3	44	14	1 350	39 762	1 073	2 133	25 717	85 830	86 942	172 299	D
32191	Millwork	4	30	7	f	D	D	D	D	D	D	D	3 550
321911	Wood window and door manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	8	14	2	251	8 780	204	427	5 913	14 794	25 130	39 784	1 343
32199	All other wood product manufacturing	1	8	4	e	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	2	6	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	2	13	6	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	12	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	502	109	12 216	488 600	8 834	16 734	314 286	891 397	563 866	1 451 924	76 040
3231	Printing and related support activities	1	502	109	12 216	488 600	8 834	16 734	314 286	891 397	563 866	1 451 924	76 040
32311	Printing	1	456	101	11 614	463 713	8 402	15 888	298 361	844 228	549 348	1 390 372	74 579
323110	Commercial lithographic printing	1	240	80	8 235	353 865	6 060	11 738	231 543	608 069	451 354	1 056 157	47 196
323113	Commercial screen printing..	—	24	5	659	15 269	521	493	8 666	34 979	15 659	51 169	1 473
323114	Quick printing	3	122	5	824	25 445	537	987	15 119	55 628	19 667	75 152	3 144
323115	Digital printing	—	22	2	475	20 144	222	450	10 297	41 833	10 867	52 480	D
323117	Books printing	—	7	4	1 135	38 764	867	1 836	26 236	80 827	37 911	117 914	D
32312	Support activities for printing...	5	46	8	602	24 887	432	846	15 925	47 169	14 518	61 552	1 461
323121	Tradebinding and related work	6	19	4	377	13 061	303	608	9 450	27 594	10 985	38 391	D
325	Chemical manufacturing	—	54	15	1 726	91 624	927	1 658	45 037	610 520	341 752	952 258	15 094
3254	Pharmaceutical and medicine manufacturing	1	13	4	399	21 178	180	373	7 551	95 024	38 374	128 129	5 842
32541	Pharmaceutical and medicine manufacturing	1	13	4	399	21 178	180	373	7 551	95 024	38 374	128 129	5 842
325414	Biological product (except diagnostic) manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	3	19	6	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	34	19	1 424	44 504	1 029	1 941	29 889	90 813	97 029	187 579	5 126
3261	Plastics product manufacturing ..	1	31	17	g	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	2	22	13	748	22 218	470	928	12 752	49 890	35 102	84 941	3 323
326199	All other plastics product manufacturing	2	19	12	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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division—Con.												
327	Nonmetallic mineral product manufacturing	1	'109	'39	'2 367	'93 104	1 844	4 017	66 954	'288 035	'237 913	'523 599	D
3273	Cement and concrete product manufacturing	1	'79	'34	'2 117	'83 748	1 667	3 651	60 093	'260 672	'225 702	'484 143	D
32732	Ready-mix concrete manufacturing	1	48	16	947	41 214	796	1 762	33 627	145 902	150 698	295 866	D
327320	Ready-mix concrete manufacturing	1	48	16	947	41 214	796	1 762	33 627	145 902	150 698	295 866	D
32739	Other concrete product manufacturing	1	'22	'13	'916	'32 589	691	1 480	19 974	'75 753	'37 143	'111 829	D
327390	Other concrete product manufacturing	1	'22	'13	'916	'32 589	691	1 480	19 974	'75 753	'37 143	'111 829	D
332	Fabricated metal product manufacturing	1	'176	'48	'3 644	'145 198	'2 544	'5 197	'80 928	'379 134	'246 060	'658 779	'13 827
3323	Architectural and structural metals manufacturing	2	'86	'24	'1 986	'78 048	'1 375	'2 812	'41 974	'170 382	'145 770	'322 634	'5 103
33231	Plate work and fabricated structural product manufacturing	2	19	9	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	2	15	8	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	'2	'67	'15	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	1	9	2	e	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	'3	'31	'6	'370	'14 707	'280	'548	'8 942	'27 221	'17 887	'45 264	'1 045
332323	Ornamental and architectural metal work manufacturing ..	1	27	7	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	46	9	e	D	D	D	D	D	D	D	D
33271	Machine shops	2	42	9	469	20 561	362	729	14 124	43 775	10 038	53 727	4 745
332710	Machine shops	2	42	9	469	20 561	362	729	14 124	43 775	10 038	53 727	4 745
3329	Other fabricated metal product manufacturing	—	18	9	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	17	9	f	D	D	D	D	D	D	D	D
332994	Small arms manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	2	10	6	e	D	D	D	D	D	D	D	582
333	Machinery manufacturing	5	'54	'12	'2 329	'82 705	'1 701	'3 381	'49 661	'189 232	'170 611	'360 950	'9 930
3333	Commercial and service industry machinery manufacturing	8	21	5	1 262	37 977	1 035	2 052	27 036	100 339	100 580	202 018	D
33331	Commercial and service industry machinery manufacturing	8	21	5	1 262	37 977	1 035	2 052	27 036	100 339	100 580	202 018	D
333311	Automatic vending machine manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	3	9	3	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	'11	'4	'717	'28 682	'478	'951	'16 281	'57 402	'28 909	'86 070	D
33399	All other general purpose machinery manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	140	49	8 991	511 683	3 176	6 447	147 642	1 263 141	471 022	1 790 771	46 914
3341	Computer and peripheral equipment manufacturing	5	13	4	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	5	13	4	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	5	6	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division—Con.												
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	3	40	16	1 261	68 193	431	911	15 030	152 026	130 875	281 315	D
33421	Telephone apparatus manufacturing	3	12	6	f	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	3	12	6	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	5	17	8	360	16 248	157	327	4 810	47 576	48 865	92 385	1 158
334220	Radio and television broadcasting and wireless communications equipment manufacturing	5	17	8	360	16 248	157	327	4 810	47 576	48 865	92 385	1 158
33429	Other communications equipment manufacturing	1	11	2	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	1	11	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	7	24	9	1 666	89 316	1 160	2 326	66 154	147 143	73 920	258 120	D
33441	Semiconductor and other electronic component manufacturing	7	24	9	1 666	89 316	1 160	2 326	66 154	147 143	73 920	258 120	D
334412	Bare printed circuit board manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	9	6	3	734	50 018	703	1 305	48 025	57 929	42 969	136 589	D
334419	Other electronic component manufacturing	9	4	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	41	18	5 331	322 665	1 233	2 477	55 392	885 672	207 583	1 117 170	24 232
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	41	18	5 331	322 665	1 233	2 477	55 392	885 672	207 583	1 117 170	24 232
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	10	7	h	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	17	2	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	17	2	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	11	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	29	11	2 142	136 725	999	2 050	55 705	214 646	267 060	485 089	15 692
3363	Motor vehicle parts manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts 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)				
	WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Statistical Area—Con.												
	Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division—Con.												
337	Furniture and related product manufacturing	1	139	24	3 147	97 088	2 308	4 641	63 906	267 456	189 314	456 456	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	102	12	1 393	41 051	1 136	2 327	29 885	146 487	111 348	257 684	D
33711	Wood kitchen cabinet and countertop manufacturing	—	62	5	810	25 203	645	1 366	17 720	115 107	85 742	200 708	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	62	5	810	25 203	645	1 366	17 720	115 107	85 742	200 708	D
33712	Household and institutional furniture manufacturing	1	40	7	583	15 848	491	961	12 165	31 380	25 606	56 976	D
337121	Upholstered household furniture manufacturing	—	11	2	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	3	33	10	1 330	41 208	831	1 675	24 674	72 571	39 982	112 182	2 517
33721	Office furniture (including fixtures) manufacturing	3	33	10	1 330	41 208	831	1 675	24 674	72 571	39 982	112 182	2 517
337212	Custom architectural woodwork and millwork manufacturing	1	17	7	751	21 549	408	865	12 493	37 856	18 144	55 661	D
337215	Showcase, partition, shelving, and locker manufacturing	6	8	3	518	17 263	375	714	10 508	29 108	19 093	48 169	D
3379	Other furniture related product manufacturing	—	4	2	424	14 829	341	639	9 347	48 398	37 984	86 590	D
33791	Mattress manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	211	28	2 310	80 801	1 551	3 045	42 125	165 253	95 353	260 783	D
3391	Medical equipment and supplies manufacturing	2	97	7	690	24 941	432	828	12 450	58 575	29 159	87 132	D
33911	Medical equipment and supplies manufacturing	2	97	7	690	24 941	432	828	12 450	58 575	29 159	87 132	D
339116	Dental laboratories	5	65	2	306	9 374	227	407	6 749	15 612	3 324	18 863	D
3399	Other miscellaneous manufacturing	2	114	21	1 620	55 860	1 119	2 217	29 675	106 678	66 194	173 651	D
33995	Sign manufacturing	3	60	16	1 079	39 497	716	1 425	20 577	71 752	40 644	113 397	D
339950	Sign manufacturing	3	60	16	1 079	39 497	716	1 425	20 577	71 752	40 644	113 397	D
33999	All other miscellaneous manufacturing	1	27	2	324	9 164	250	490	5 553	15 781	12 970	28 493	D
	Winchester, VA-WV Metropolitan Statistical Area												
31-33	Manufacturing	—	139	67	10 621	399 563	7 517	15 100	248 921	1 388 766	1 361 612	2 744 987	91 877
311	Food manufacturing	—	16	8	1 126	38 263	891	1 776	27 718	230 245	411 623	631 297	36 418
3114	Fruit and vegetable preserving and specialty food manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	2	1	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	—	2	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	16	9	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .	—	7	4	420	13 343	219	480	4 477	31 756	25 709	57 990	D
32111	Sawmills and wood preservation	—	7	4	420	13 343	219	480	4 477	31 756	25 709	57 990	D
321114	Wood preservation	—	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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Winchester, VA-WV Metropolitan Statistical Area—Con.													
323	Printing and related support activities	-	15	5	481	15 895	355	739	9 618	42 012	49 229	90 809	D
3231	Printing and related support activities	-	15	5	481	15 895	355	739	9 618	42 012	49 229	90 809	D
32311	Printing	-	13	4	e	D	D	D	D	D	D	D	2 965
323110	Commercial lithographic printing	-	6	3	368	13 256	270	572	7 970	36 901	46 653	83 127	2 857
325	Chemical manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	16	12	3 112	125 203	2 016	4 067	72 137	511 052	231 993	745 907	20 551
3261	Plastics product manufacturing ..	-	13	10	2 992	120 599	1 956	3 940	70 075	499 241	221 708	723 818	20 073
32619	Other plastics product manufacturing	-	8	7	2 514	103 436	1 581	3 191	58 351	418 055	117 219	538 724	14 241
326199	All other plastics product manufacturing	-	8	7	2 514	103 436	1 581	3 191	58 351	418 055	117 219	538 724	14 241
327	Nonmetallic mineral product manufacturing	7	7	5	565	20 328	433	968	12 823	46 827	33 784	80 371	2 501
3273	Cement and concrete product manufacturing	7	6	5	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	8	846	27 758	663	1 253	20 799	113 009	168 712	279 846	3 440
3323	Architectural and structural metals manufacturing	-	7	5	429	11 877	340	610	9 525	56 264	67 724	124 137	D
333	Machinery manufacturing	-	9	4	374	13 589	245	475	6 260	35 382	29 284	64 989	519
334	Computer and electronic product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	1 237	46 855	887	1 755	29 929	86 640	70 398	156 315	D
3363	Motor vehicle parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim 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)				
WASHINGTON-BALTIMORE-NORTHERN VIRGINIA, DC-MD-VA-WV COMBINED STATISTICAL AREA—Con.													
Winchester, VA-WV Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	8	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
BLACKSBURG-CHRISTIANSBURG-RADFORD, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	148	67	13 090	468 037	10 279	21 096	317 619	1 276 446	1 560 300	2 816 123	110 618
313	Textile mills	-	5	5	734	17 702	601	1 374	12 606	41 073	112 723	151 744	D
3132	Fabric mills	-	2	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
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
321	Wood product manufacturing	6	10	3	267	7 654	215	441	5 107	22 029	31 026	53 075	2 125
325	Chemical manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325221	Cellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	5	4	418	8 843	369	699	6 347	12 517	25 740	37 958	484
3261	Plastics product manufacturing ..	-	3	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	6	3	433	20 745	327	737	14 012	66 758	30 716	96 621	12 842
331	Primary metal manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	-	2	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
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	28	7	530	19 369	420	790	13 570	31 443	47 319	70 683	2 127
3329	Other fabricated metal product manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	5	7	3	367	16 118	291	578	12 185	30 502	34 168	68 969	D
334	Computer and electronic product manufacturing	2	10	5	e	D	D	D	D	D	D	D	2 359

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)				
BLACKSBURG-CHRISTIANSBURG-RADFORD, VA METROPOLITAN STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing	2	8	6	1 642	60 456	1 265	2 586	41 843	151 652	110 337	267 977	6 185
3351	Electric lighting equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	4	5	3	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	4	5	3	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	4	4	3	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	9	8	2 517	108 101	1 618	3 390	59 166	267 294	787 181	1 046 356	36 021
3361	Motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	6	5	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
336312	Gasoline engine and engine parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	16	6	1 692	39 432	1 523	3 019	31 994	124 916	68 628	191 156	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	14	6	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	9	6	1 673	39 100	1 512	3 003	31 778	124 628	68 285	190 516	D
337121	Upholstered household furniture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
337129	Wood television, radio, and sewing machine cabinet manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	9	3	438	13 456	334	612	9 284	90 731	65 002	154 623	D
3399	Other miscellaneous manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
BLUEFIELD, WV-VA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	123	39	3 185	109 586	2 170	4 281	57 403	232 336	298 398	510 838	14 287
311	Food manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	12	5	481	12 437	416	903	8 900	30 032	49 796	76 061	1 081
3212	Veneer, plywood, and engineered wood product manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
321211	Hardwood veneer and plywood manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	32	9	f	D	D	D	D	D	D	D	1 339

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)				
BLUEFIELD, WV-VA MICROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	-	24	11	701	26 083	430	804	13 242	72 610	78 170	133 157	D
3331	Agriculture, construction, and mining machinery manufacturing	-	18	8	f	D	D	D	D	D	D	D	D
33313	Mining and oil and gas field machinery manufacturing	-	17	8	f	D	D	D	D	D	D	D	2 146
333131	Mining machinery and equipment manufacturing ..	-	17	8	f	D	D	D	D	D	D	D	2 146
334	Computer and electronic product manufacturing	5	5	2	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
CHARLOTTESVILLE, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	165	37	6 541	288 002	3 455	7 138	105 017	782 132	499 996	1 292 730	32 674
321	Wood product manufacturing	5	23	5	343	10 092	272	585	6 859	29 041	32 314	61 189	1 214
334	Computer and electronic product manufacturing	-	14	8	2 315	93 659	1 118	2 472	37 986	356 470	127 323	489 809	16 726
3342	Communications equipment manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	5	4	f	D	D	D	D	D	D	D	2 863
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	5	4	f	D	D	D	D	D	D	D	2 863
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	19	2	431	11 074	375	711	8 885	37 988	25 735	63 745	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	5	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
339	Miscellaneous manufacturing	3	19	3	386	14 375	255	510	8 187	37 222	46 431	83 933	D

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Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 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)				
DANVILLE, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	103	41	12 166	384 431	9 984	20 843	276 754	894 381	1 184 350	2 063 300	52 921
311	Food manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	-	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	-	3	2	h	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
315291	Infants' cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	21	10	969	24 295	761	1 434	14 952	63 145	100 026	161 896	2 173
3212	Veneer, plywood, and engineered wood product manufacturing	-	6	5	587	15 320	436	855	8 157	42 988	73 041	115 534	1 521
32121	Veneer, plywood, and engineered wood product manufacturing	-	6	5	587	15 320	436	855	8 157	42 988	73 041	115 534	1 521
322	Paper manufacturing	-	3	3	386	11 917	320	626	8 122	53 463	60 690	114 724	1 150
3222	Converted paper product manufacturing	-	3	3	386	11 917	320	626	8 122	53 463	60 690	114 724	1 150
323	Printing and related support activities	-	10	3	335	8 902	250	499	6 515	17 921	11 869	29 850	643
3231	Printing and related support activities	-	10	3	335	8 902	250	499	6 515	17 921	11 869	29 850	643
32311	Printing	-	10	3	335	8 902	250	499	6 515	17 921	11 869	29 850	643
326	Plastics and rubber products manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	5	3	494	22 044	396	820	16 093	79 840	34 251	114 877	9 860
3272	Glass and glass product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	10	3	295	6 151	229	394	3 886	12 925	10 831	23 791	131

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)				
HARRISONBURG, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	137	48	13 573	422 624	10 776	21 144	292 541	3 048 848	2 403 308	5 517 441	214 971
311	Food manufacturing	-	20	13	6 075	129 149	5 070	9 747	103 156	663 985	918 587	1 638 579	43 763
3116	Animal slaughtering and processing	-	10	8	5 737	116 676	4 817	9 211	94 308	588 810	689 572	1 339 582	D
31161	Animal slaughtering and processing	-	10	8	5 737	116 676	4 817	9 211	94 308	588 810	689 572	1 339 582	D
311615	Poultry processing	-	6	6	5 570	112 354	4 750	9 052	92 194	569 416	678 657	1 309 881	D
312	Beverage and tobacco product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	e	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	16	6	1 784	53 876	1 464	2 535	39 216	143 675	76 829	220 655	6 661
3231	Printing and related support activities	-	16	6	1 784	53 876	1 464	2 535	39 216	143 675	76 829	220 655	6 661
32311	Printing	-	16	6	1 784	53 876	1 464	2 535	39 216	143 675	76 829	220 655	6 661
323117	Books printing	-	2	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	5	2	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	7	3	505	15 647	402	892	10 412	41 072	22 935	63 724	2 329
3273	Cement and concrete product manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ..	-	1	1	e	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	4	2	e	D	D	D	D	D	D	D	499
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	4	2	e	D	D	D	D	D	D	D	499
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	4	2	e	D	D	D	D	D	D	D	499
336	Transportation equipment manufacturing	-	3	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
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 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)				
HARRISONBURG, VA METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	-	18	3	287	7 079	247	430	5 769	19 998	6 886	26 868	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	8	2	251	6 227	218	375	5 160	18 620	6 288	24 895	D
LYNCHBURG, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	323	107	18 533	742 351	13 359	28 173	446 955	2 416 892	1 592 817	3 873 126	138 965
311	Food manufacturing	1	19	8	1 562	56 936	1 031	2 179	37 055	361 471	220 098	552 597	D
3115	Dairy product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	7	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	7	1	e	D	D	D	D	D	D	D	D
313	Textile mills	-	4	3	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	3	3	g	D	D	D	D	D	D	D	3 442
31321	Broadwoven fabric mills	-	3	3	g	D	D	D	D	D	D	D	3 442
313210	Broadwoven fabric mills	-	3	3	g	D	D	D	D	D	D	D	3 442
321	Wood product manufacturing	2	40	6	568	15 980	477	951	12 628	46 013	91 271	137 287	2 322
322	Paper manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	1	3	3	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	1	3	3	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	1	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	2	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
323	Printing and related support activities	-	26	7	1 540	52 786	1 255	2 671	38 586	119 254	82 343	198 939	7 669
3231	Printing and related support activities	-	26	7	1 540	52 786	1 255	2 671	38 586	119 254	82 343	198 939	7 669
32311	Printing	-	26	7	1 540	52 786	1 255	2 671	38 586	119 254	82 343	198 939	7 669
323110	Commercial lithographic printing	-	14	5	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	-	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	11	7	3 078	189 145	1 479	3 517	74 479	504 490	106 451	539 834	27 577
3251	Basic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	12	5	889	31 271	680	1 361	22 268	167 215	101 700	259 178	4 578
3261	Plastics product manufacturing	-	10	4	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	18	6	295	10 022	236	488	6 721	28 441	18 255	46 723	7 579
331	Primary metal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	2	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
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	LYNCHBURG, VA METROPOLITAN STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing	2	62	21	1 953	78 386	1 466	3 125	51 932	340 057	189 960	531 473	14 185
3323	Architectural and structural metals manufacturing	4	14	6	452	17 283	332	732	11 519	72 400	62 757	135 012	D
33231	Plate work and fabricated structural product manufacturing	4	8	5	381	14 579	291	652	10 348	67 976	59 533	127 378	1 583
332312	Fabricated structural metal manufacturing	4	8	5	381	14 579	291	652	10 348	67 976	59 533	127 378	1 583
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	26	7	e	D	D	D	D	D	D	D	D
33271	Machine shops	5	24	5	322	13 079	234	471	8 483	23 513	8 607	32 290	6 624
332710	Machine shops	5	24	5	322	13 079	234	471	8 483	23 513	8 607	32 290	6 624
3329	Other fabricated metal product manufacturing	2	12	5	840	36 258	630	1 336	23 163	213 273	107 577	321 749	3 763
33291	Metal valve manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	11	4	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	28	14	1 488	59 488	949	1 935	30 286	124 495	97 975	224 318	2 503
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	14	8	665	27 975	378	713	11 427	45 465	49 465	97 244	700
33392	Material handling equipment manufacturing	1	8	5	437	20 765	222	512	8 127	33 586	43 176	78 311	585
333922	Conveyor and conveying equipment manufacturing ..	1	7	5	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	16	7	1 026	29 839	826	1 740	18 762	141 221	173 293	304 892	4 749
3342	Communications equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	11	2	362	13 912	313	672	9 751	38 485	34 049	72 252	D
3363	Motor vehicle parts manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	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.

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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)
LYNCHBURG, VA METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	2	27	8	1 448	41 490	1 159	2 223	28 744	79 930	53 739	134 334	1 899
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	23	7	1 297	37 086	1 051	2 012	26 480	72 462	50 533	123 564	D
33712	Household and institutional furniture manufacturing	—	13	6	1 147	33 028	930	1 799	23 717	63 999	44 630	109 159	1 476
337121	Upholstered household furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	8	23	3	764	22 119	622	1 362	15 410	51 332	24 524	75 776	D
3399	Other miscellaneous manufacturing	8	16	3	748	21 526	609	1 337	15 032	50 122	24 030	74 067	D
33999	All other miscellaneous manufacturing	9	8	3	700	20 376	571	1 289	14 445	47 841	22 270	70 046	1 146
339991	Gasket, packing, and sealing device manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
MARTINSVILLE, VA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	105	47	9 795	259 287	8 168	16 279	187 378	641 914	760 707	1 433 145	33 769
313	Textile mills	6	6	4	1 248	29 741	1 101	2 318	24 742	103 400	80 889	186 035	D
3132	Fabric mills	8	3	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	4	4	2	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	7	12	6	881	27 106	693	1 387	18 266	55 951	54 966	110 630	5 477
3219	Other wood product manufacturing	8	8	3	642	19 924	485	964	12 745	36 874	39 689	78 110	1 497
32199	All other wood product manufacturing	8	4	3	602	19 017	454	908	12 148	33 396	37 542	72 320	D
321992	Prefabricated wood building manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	3	7	7	641	25 314	520	1 114	17 434	53 228	92 203	144 992	3 395
3222	Converted paper product manufacturing	3	7	7	641	25 314	520	1 114	17 434	53 228	92 203	144 992	3 395
32221	Paperboard container manufacturing	3	6	6	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	3	6	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	11	4	262	7 174	217	359	4 124	9 660	22 204	31 887	1 441
3231	Printing and related support activities	—	11	4	262	7 174	217	359	4 124	9 660	22 204	31 887	1 441
32311	Printing	—	11	4	262	7 174	217	359	4 124	9 660	22 204	31 887	1 441
326	Plastics and rubber products manufacturing	—	6	5	735	23 696	599	1 192	16 959	100 959	75 328	180 406	7 186
3261	Plastics product manufacturing	—	5	5	f	D	D	D	D	D	D	D	7 186
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	2	2	e	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)				
MARTINSVILLE, VA MICROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	-	7	4	422	11 105	315	598	6 141	38 836	48 182	81 906	D
3272	Glass and glass product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	3	3	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	18	9	3 230	76 511	2 839	5 457	59 112	147 524	156 995	320 579	4 432
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	15	8	h	D	D	D	D	D	D	D	4 268
33712	Household and institutional furniture manufacturing	-	10	8	2 957	71 173	2 581	5 039	54 413	146 261	152 261	300 678	4 262
337122	Nonupholstered wood household furniture manufacturing	-	5	4	2 050	48 926	1 831	3 477	39 054	97 102	105 188	204 709	D
337127	Institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	3	1	e	D	D	D	D	D	D	D	164
33721	Office furniture (including fixtures) manufacturing	-	3	1	e	D	D	D	D	D	D	D	164
RICHMOND, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	1 064	356	49 685	2 123 986	35 583	71 925	1 299 527	16 784 211	7 545 272	24 314 240	508 666
311	Food manufacturing	1	55	22	4 206	125 909	3 509	6 634	95 031	734 055	466 825	1 201 194	42 134
3116	Animal slaughtering and processing	2	5	3	1 863	42 320	1 715	3 300	35 413	142 420	84 864	226 363	3 312
31161	Animal slaughtering and processing	2	5	3	1 863	42 320	1 715	3 300	35 413	142 420	84 864	226 363	3 312
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	31	11	1 618	60 562	1 254	2 280	44 074	523 468	206 454	730 282	D
31181	Bread and bakery product manufacturing	1	28	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	8	5	365	9 328	234	387	4 469	15 947	11 153	27 057	D
31182	Cookie, cracker, and pasta manufacturing	-	3	3	g	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	3	9	4	e	D	D	D	D	D	D	D	712
31199	All other food manufacturing	-	4	2	264	5 372	205	345	3 895	12 010	18 038	30 041	286
312	Beverage and tobacco product manufacturing	-	15	11	i	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	8	7	i	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying	-	2	2	e	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying	-	2	2	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	6	5	i	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	3	3	i	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
313	Textile mills	-	8	3	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	6	2	g	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
314	Textile product mills	2	28	6	370	7 818	307	540	4 950	15 994	14 684	30 336	304
315	Apparel manufacturing	4	16	5	e	D	D	D	D	D	D	D	D

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RICHMOND, VA METROPOLITAN STATISTICAL AREA—Con.													
321	Wood product manufacturing	2	92	37	2 209	59 441	1 824	3 629	41 888	121 500	184 565	307 083	9 148
3211	Sawmills and wood preservation .	2	33	14	670	18 786	569	1 173	13 885	37 520	69 397	107 033	4 308
32111	Sawmills and wood preservation	2	33	14	670	18 786	569	1 173	13 885	37 520	69 397	107 033	4 308
321113	Sawmills	2	32	14	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	11	7	501	13 224	390	694	9 007	30 609	33 806	64 203	1 963
32121	Veneer, plywood, and engineered wood product manufacturing	—	11	7	501	13 224	390	694	9 007	30 609	33 806	64 203	1 963
3219	Other wood product manufacturing	4	48	16	1 038	27 431	865	1 762	18 996	53 371	81 362	135 847	2 877
32191	Millwork	4	24	8	548	15 282	447	940	10 469	30 597	38 959	69 800	1 377
321911	Wood window and door manufacturing	6	7	5	334	9 455	273	602	6 325	18 863	21 908	40 760	879
32192	Wood container and pallet manufacturing	4	15	8	436	10 663	375	739	7 398	17 990	37 872	56 330	991
321920	Wood container and pallet manufacturing	4	15	8	436	10 663	375	739	7 398	17 990	37 872	56 330	991
322	Paper manufacturing	—	50	34	5 158	242 526	4 060	8 691	168 392	758 973	796 159	1 557 851	26 443
3221	Pulp, paper, and paperboard mills	—	6	6	1 450	90 888	1 132	2 595	66 569	421 421	290 064	708 736	10 279
32212	Paper mills	1	2	e	D	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	4	g	D	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	4	g	D	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	44	28	3 708	151 638	2 928	6 096	101 823	337 552	506 095	849 115	16 164
32221	Paperboard container manufacturing	1	26	15	1 902	81 002	1 484	3 170	54 350	171 727	289 845	460 824	9 631
322211	Corrugated and solid fiber box manufacturing	2	17	10	1 065	45 506	812	1 825	28 678	107 367	178 593	286 349	8 030
322212	Folding paperboard box manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing .	—	9	8	g	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
322225	Laminated aluminum foil manufacturing for flexible packaging uses	—	1	1	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	2	4	2	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	5	3	458	20 275	339	661	12 275	46 845	55 197	103 150	D
322299	All other converted paper product manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	149	43	3 733	140 942	2 997	5 751	105 741	356 510	238 181	595 701	15 157
3231	Printing and related support activities	2	149	43	3 733	140 942	2 997	5 751	105 741	356 510	238 181	595 701	15 157
32311	Printing	2	131	34	3 286	123 154	2 652	5 073	92 095	316 994	230 168	548 546	12 893
323110	Commercial lithographic printing	1	55	16	1 623	63 301	1 314	2 509	46 878	113 270	81 958	196 111	7 418
323111	Commercial gravure printing	2	4	4	575	25 419	499	949	22 597	69 843	70 835	140 494	1 828
323118	Blankbook, looseleaf binders, and devices manufacturing .	1	3	3	e	D	D	D	D	D	D	D	641
32312	Support activities for printing...	1	18	9	447	17 788	345	678	13 646	39 516	8 013	47 155	2 264
323122	Prepress services	—	12	6	e	D	D	D	D	D	D	D	2 020
325	Chemical manufacturing	—	53	25	5 381	264 213	3 438	7 144	147 940	1 230 079	1 055 642	2 258 718	116 086
3251	Basic chemical manufacturing ...	—	13	7	1 572	90 301	1 099	2 356	60 671	481 526	443 699	916 795	33 570
32519	Other basic organic chemical manufacturing	—	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
325199	All other basic organic chemical manufacturing	—	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	RICHMOND, VA METROPOLITAN STATISTICAL AREA—Con.												
325	Chemical manufacturing—Con.												
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	18	9	543	24 722	313	666	10 285	50 074	36 177	86 253	12 810
32591	Printing ink manufacturing	1	11	5	254	13 924	121	258	4 513	27 203	27 391	54 934	D
325910	Printing ink manufacturing	1	11	5	254	13 924	121	258	4 513	27 203	27 391	54 934	D
32599	All other chemical product and preparation manufacturing	2	7	4	289	10 798	192	408	5 772	22 871	8 786	31 319	D
325991	Custom compounding of purchased resins	2	3	3	262	9 739	182	395	5 463	20 199	3 008	22 869	D
326	Plastics and rubber products manufacturing	—	32	23	4 254	140 859	3 484	6 321	100 667	551 427	422 749	971 071	51 082
3261	Plastics product manufacturing	—	29	22	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	8	5	1 754	64 431	1 404	2 339	44 047	234 143	216 210	447 884	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	14	12	1 339	40 692	1 119	2 411	30 424	144 617	97 790	241 517	8 316
326199	All other plastics product manufacturing	—	12	10	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	54	23	1 392	47 847	997	1 969	31 888	231 417	97 569	330 357	11 280
3273	Cement and concrete product manufacturing	1	38	17	1 041	34 060	776	1 519	22 700	127 313	70 988	197 584	9 566
32732	Ready-mix concrete manufacturing	—	22	7	335	11 887	273	580	9 449	36 134	37 052	73 148	5 388
327320	Ready-mix concrete manufacturing	—	22	7	335	11 887	273	580	9 449	36 134	37 052	73 148	5 388
32739	Other concrete product manufacturing	3	8	5	464	16 032	331	635	9 005	59 247	22 111	81 164	2 516
327390	Other concrete product manufacturing	3	8	5	464	16 032	331	635	9 005	59 247	22 111	81 164	2 516
3279	Other nonmetallic mineral product manufacturing	—	10	5	295	11 757	174	358	7 614	98 920	20 410	121 509	1 499
331	Primary metal manufacturing	—	11	7	1 820	79 882	1 456	3 246	59 664	191 437	603 940	791 178	14 734
3311	Iron and steel mills and ferroalloy manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	1	1	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	5	4	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing	—	5	4	g	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	146	37	2 912	117 006	2 176	4 379	78 923	254 769	234 660	492 338	43 608
3323	Architectural and structural metals manufacturing	2	42	12	814	30 764	555	1 154	18 611	89 994	60 567	151 904	2 489
33231	Plate work and fabricated structural product manufacturing	—	21	6	455	17 562	294	639	10 496	64 931	44 840	110 845	1 219
332312	Fabricated structural metal manufacturing	1	14	3	283	11 708	172	378	6 062	44 751	18 450	64 002	545
33232	Ornamental and architectural metal products manufacturing	6	21	6	359	13 202	261	515	8 115	25 063	15 727	41 059	1 270

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)				
RICHMOND, VA METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing—Con.												
3324	Boiler, tank, and shipping container manufacturing	3	7	5	513	24 420	366	717	16 590	47 224	103 286	150 876	D
33241	Power boiler and heat exchanger manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	1	2	2	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	6	5	3	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	6	5	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	61	9	829	34 116	660	1 309	24 730	61 883	27 996	90 103	5 983
33271	Machine shops	2	57	7	739	31 491	588	1 148	22 887	56 377	26 267	82 959	5 804
332710	Machine shops	2	57	7	739	31 491	588	1 148	22 887	56 377	26 267	82 959	5 804
3329	Other fabricated metal product manufacturing	1	12	4	412	16 463	338	703	12 050	30 115	29 088	59 806	D
33299	All other fabricated metal product manufacturing	1	12	4	412	16 463	338	703	12 050	30 115	29 088	59 806	D
332991	Ball and roller bearing manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	4	70	21	2 287	96 442	1 487	3 019	49 032	246 062	197 074	442 486	7 882
3332	Industrial machinery manufacturing	1	21	8	557	26 895	310	569	11 043	57 681	39 129	95 837	3 161
33329	Other industrial machinery manufacturing	1	20	8	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	9	3	806	31 310	622	1 401	22 065	87 649	71 317	159 250	2 531
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	8	9	3	806	31 310	622	1 401	22 065	87 649	71 317	159 250	2 531
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	8	4	3	771	30 041	596	1 348	21 407	84 769	69 050	154 103	2 458
3339	Other general purpose machinery manufacturing	2	22	8	736	30 563	434	790	12 036	71 147	65 857	137 214	1 668
33399	All other general purpose machinery manufacturing	3	14	6	549	24 443	304	591	8 771	60 827	57 984	118 581	1 541
333993	Packaging machinery manufacturing	—	5	3	301	14 713	143	284	5 069	35 968	35 521	71 959	D
334	Computer and electronic product manufacturing	—	16	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	19	8	585	23 422	396	825	10 311	49 147	43 814	89 177	1 722
3359	Other electrical equipment and component manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	1	4	3	336	14 559	226	465	6 362	29 151	29 045	54 738	1 400
335999	All other miscellaneous electrical equipment and component manufacturing ..	1	4	3	336	14 559	226	465	6 362	29 151	29 045	54 738	1 400
336	Transportation equipment manufacturing	7	26	6	508	16 629	421	848	12 523	57 782	118 199	178 288	2 560
3363	Motor vehicle parts manufacturing	3	17	4	340	11 300	283	565	8 433	29 321	32 249	63 752	1 236

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)
RICHMOND, VA METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	3	109	21	2 052	61 114	1 680	3 298	42 558	175 680	124 226	299 391	5 782
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	86	8	641	16 495	513	941	10 895	33 445	25 818	59 291	D
33711	Wood kitchen cabinet and countertop manufacturing	3	51	2	315	8 977	248	464	6 124	17 073	11 497	28 509	678
337110	Wood kitchen cabinet and countertop manufacturing ..	3	51	2	315	8 977	248	464	6 124	17 073	11 497	28 509	678
33712	Household and institutional furniture manufacturing	1	35	6	326	7 518	265	477	4 771	16 372	14 321	30 782	D
3372	Office furniture (including fixtures) manufacturing	2	14	7	947	29 387	820	1 684	22 507	98 420	67 167	165 166	2 075
33721	Office furniture (including fixtures) manufacturing	2	14	7	947	29 387	820	1 684	22 507	98 420	67 167	165 166	2 075
337214	Office furniture (except wood) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	8	5	2	e	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	8	9	6	464	15 232	347	673	9 156	43 815	31 241	74 934	D
33791	Mattress manufacturing	8	5	4	e	D	D	D	D	D	D	D	2 148
337910	Mattress manufacturing	8	5	4	e	D	D	D	D	D	D	D	2 148
339	Miscellaneous manufacturing	4	107	20	2 187	78 817	1 290	2 607	36 126	244 922	176 829	417 677	10 211
3391	Medical equipment and supplies manufacturing	8	37	6	859	31 540	495	1 016	13 773	110 429	111 177	221 166	6 252
33911	Medical equipment and supplies manufacturing	8	37	6	859	31 540	495	1 016	13 773	110 429	111 177	221 166	6 252
339113	Surgical appliance and supplies manufacturing	9	6	2	e	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	7	4	2	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	70	14	1 328	47 277	795	1 591	22 353	134 493	65 652	196 511	3 959
33992	Sporting and athletic goods manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33995	Sign manufacturing	1	38	5	361	12 424	231	458	6 653	24 285	14 647	38 649	1 694
339950	Sign manufacturing	1	38	5	361	12 424	231	458	6 653	24 285	14 647	38 649	1 694
33999	All other miscellaneous manufacturing	-	23	6	e	D	D	D	D	D	D	D	D
ROANOKE, VA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	350	122	17 484	614 189	12 273	23 596	367 047	1 957 109	1 583 565	3 564 598	79 690
311	Food manufacturing	3	17	6	1 068	31 911	779	1 763	20 446	156 712	125 913	280 100	7 375
3115	Dairy product manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	1	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
3118	Bakeries and tortilla manufacturing	-	8	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	8	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	3	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
312111	Soft drink 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)				
ROANOKE, VA METROPOLITAN STATISTICAL AREA—Con.													
313	Textile mills	-	4	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	2	2	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	2	2	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	2	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	10	6	654	13 462	490	876	8 825	45 451	68 663	116 286	429
3152	Cut and sew apparel manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	19	11	1 238	37 839	886	1 711	22 461	70 531	125 328	195 556	5 510
3211	Sawmills and wood preservation	-	8	4	294	9 130	246	510	6 723	24 319	68 700	93 012	1 328
32111	Sawmills and wood preservation	-	8	4	294	9 130	246	510	6 723	24 319	68 700	93 012	1 328
3212	Veneer, plywood, and engineered wood product manufacturing	-	3	3	322	10 227	183	391	4 921	17 514	20 095	37 563	1 230
32121	Veneer, plywood, and engineered wood product manufacturing	-	3	3	322	10 227	183	391	4 921	17 514	20 095	37 563	1 230
3219	Other wood product manufacturing	-	8	4	622	18 482	457	810	10 817	28 698	36 533	64 981	2 952
32199	All other wood product manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	-	3	2	327	9 340	232	437	5 839	19 751	15 109	34 554	2 673
322	Paper manufacturing	2	6	5	339	13 434	249	445	7 389	30 884	32 600	61 732	D
3222	Converted paper product manufacturing	2	6	5	339	13 434	249	445	7 389	30 884	32 600	61 732	D
32221	Paperboard container manufacturing	1	4	4	e	D	D	D	D	D	D	D	868
323	Printing and related support activities	2	35	3	e	D	D	D	D	D	D	D	650
3231	Printing and related support activities	2	35	3	e	D	D	D	D	D	D	D	650
32311	Printing	2	33	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	18	6	548	26 334	356	770	12 436	104 092	85 878	193 950	8 475
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	4	2	272	9 016	216	470	4 949	44 828	12 748	57 484	D
326	Plastics and rubber products manufacturing	-	16	9	3 226	108 445	2 407	4 273	75 598	246 617	159 807	406 647	11 857
3261	Plastics product manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	9	5	1 796	50 611	1 263	2 542	32 856	109 015	70 402	179 498	D
326199	All other plastics product manufacturing	-	9	5	1 796	50 611	1 263	2 542	32 856	109 015	70 402	179 498	D
3262	Rubber product manufacturing	-	5	3	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
32629	Other rubber product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	-	3	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)				
ROANOKE, VA METROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	—	23	9	1 003	34 397	736	1 487	20 754	122 455	108 806	229 908	10 964
3271	Clay product and refractory manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	3	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	18	5	481	17 280	318	652	9 688	67 988	71 775	138 382	D
331	Primary metal manufacturing	1	6	5	901	41 548	722	1 480	31 524	111 191	118 783	227 955	2 647
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	1	62	17	1 426	52 114	1 013	1 862	30 217	127 435	75 153	204 024	2 899
3323	Architectural and structural metals manufacturing	1	14	6	484	17 624	362	722	11 940	42 071	38 107	81 067	725
33231	Plate work and fabricated structural product manufacturing	1	8	4	378	14 339	267	544	9 189	30 016	33 178	64 235	620
332312	Fabricated structural metal manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	19	9	915	29 023	521	1 064	15 177	74 048	51 960	126 077	3 074
3332	Industrial machinery manufacturing	—	3	3	503	12 188	259	555	6 132	28 420	21 620	50 447	485
33322	Plastics and rubber industry machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333220	Plastics and rubber industry machinery manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	10	4	1 168	51 028	658	1 373	20 763	109 240	88 181	208 190	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	3	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
335	Electrical equipment, appliance, and component manufacturing	—	10	4	g	D	D	D	D	D	D	D	6 529
3353	Electrical equipment manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	11	5	490	19 621	343	661	12 168	67 080	82 770	147 689	4 389
3363	Motor vehicle parts manufacturing	1	6	3	356	14 833	269	527	10 158	58 740	74 473	130 503	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)				
ROANOKE, VA METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	-	29	6	626	16 725	537	1 074	13 039	40 165	19 622	59 934	1 714
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	26	4	561	15 022	489	987	11 969	36 633	18 385	55 204	D
33712	Household and institutional furniture manufacturing	-	10	1	343	7 906	325	634	7 369	23 815	10 973	34 432	D
337122	Nonupholstered wood household furniture manufacturing	-	5	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	44	10	861	27 468	620	1 183	15 240	58 572	58 013	116 007	D
3399	Other miscellaneous manufacturing	-	25	7	657	20 645	478	900	11 724	35 866	49 841	85 154	D
33999	All other miscellaneous manufacturing	3	9	3	293	7 756	247	452	5 341	12 458	8 924	21 828	D
339999	All other miscellaneous manufacturing	2	7	3	e	D	D	D	D	D	D	D	590
STAUNTON-WAYNESBORO, VA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	119	45	8 114	320 748	6 358	12 719	220 094	1 240 137	846 274	2 083 711	47 819
311	Food manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	5	4	806	24 271	726	1 373	19 815	63 510	81 058	143 153	1 013
3132	Fabric mills	-	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	7	3	325	8 975	271	575	6 043	10 239	30 614	39 497	633
325	Chemical manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	2	f	D	D	D	D	D	D	D	1 774
3261	Plastics product manufacturing	-	6	2	f	D	D	D	D	D	D	D	1 774
32619	Other plastics product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	1	4	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	34	13	1 859	67 151	1 414	2 374	38 839	169 960	125 505	297 487	11 725
3322	Cutlery and handtool manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting 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)				
STAUNTON-WAYNESBORO, VA MICROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	1	9	4	806	31 673	622	1 206	21 270	75 546	79 032	154 000	2 011
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	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	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	1 054	296	58 008	2 348 321	41 469	83 611	1 490 395	8 196 363	8 090 404	16 238 009	531 255
311	Food manufacturing	2	100	33	8 170	261 185	6 200	13 616	181 092	1 024 961	1 250 589	2 268 782	47 010
3115	Dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	15	8	i	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	15	8	i	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	3	2	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	1	9	6	712	20 872	589	1 361	16 888	135 991	37 797	174 883	D
3117	Seafood product preparation and packaging	5	12	5	565	17 377	431	742	8 962	47 984	116 178	164 412	3 229
31171	Seafood product preparation and packaging	5	12	5	565	17 377	431	742	8 962	47 984	116 178	164 412	3 229
311712	Fresh and frozen seafood processing	5	10	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	47	10	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	45	9	f	D	D	D	D	D	D	D	1 925
311811	Retail bakeries	1	28	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	16	7	640	13 063	317	546	5 571	31 841	17 073	48 428	1 456
3119	Other food manufacturing	3	13	6	1 048	41 649	770	1 428	25 524	451 501	407 492	861 808	D
31191	Snack food manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	6	3	3	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	6	3	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	8	4	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	8	4	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	5	3	293	11 617	96	187	2 452	S	113 791	55 881	3 710
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	4	42	4	334	6 939	244	428	3 968	12 566	10 358	23 627	302
315	Apparel manufacturing	4	27	4	251	6 167	208	398	4 207	14 334	13 660	27 562	531

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)				
	VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.												
321	Wood product manufacturing	—	38	14	859	24 115	641	1 143	14 704	91 269	76 522	165 608	6 278
3211	Sawmills and wood preservation	—	9	6	308	8 430	250	490	5 983	27 624	35 702	61 202	1 836
32111	Sawmills and wood preservation	—	9	6	308	8 430	250	490	5 983	27 624	35 702	61 202	1 836
3212	Veneer, plywood, and engineered wood product manufacturing	—	5	4	314	9 655	217	370	5 444	49 695	27 942	77 939	3 720
32121	Veneer, plywood, and engineered wood product manufacturing	—	5	4	314	9 655	217	370	5 444	49 695	27 942	77 939	3 720
322	Paper manufacturing	4	11	8	777	30 229	594	1 315	21 357	77 797	116 383	191 985	7 769
3222	Converted paper product manufacturing	4	10	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	6	4	336	13 397	247	542	8 650	31 463	61 030	90 794	D
32229	Other converted paper product manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	5	129	22	1 870	55 136	1 382	2 585	33 945	224 832	85 049	310 712	8 627
3231	Printing and related support activities	5	129	22	1 870	55 136	1 382	2 585	33 945	224 832	85 049	310 712	8 627
32311	Printing	5	122	22	1 827	54 164	1 352	2 539	33 302	223 119	84 609	308 549	8 596
323110	Commercial lithographic printing	6	65	13	1 133	35 565	845	1 519	22 193	187 603	59 004	247 039	6 690
323113	Commercial screen printing	2	18	6	316	7 728	248	520	4 404	11 972	9 568	21 789	410
324	Petroleum and coal products manufacturing	—	7	1	e	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	7	1	e	D	D	D	D	D	D	D	D
32411	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
324110	Petroleum refineries	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	24	9	1 030	48 623	633	1 334	26 413	140 629	233 757	375 064	7 146
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
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	31	18	1 480	49 822	1 128	2 419	28 672	194 602	153 435	347 469	9 454
3261	Plastics product manufacturing	1	23	14	1 208	40 948	950	2 030	23 902	169 494	116 746	285 571	8 710
32619	Other plastics product manufacturing	—	17	10	986	34 152	761	1 660	18 911	151 537	93 628	244 536	7 452
326199	All other plastics product manufacturing	—	13	9	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	8	4	272	8 874	178	389	4 770	25 108	36 689	61 898	744
327	Nonmetallic mineral product manufacturing	1	64	24	1 825	63 325	1 385	2 878	41 799	198 699	174 494	375 184	17 331
3272	Glass and glass product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	43	14	763	22 645	607	1 296	16 615	79 803	72 180	150 877	9 570
32732	Ready-mix concrete manufacturing	1	26	5	356	10 380	285	585	7 985	41 672	52 026	93 704	6 658
327320	Ready-mix concrete manufacturing	1	26	5	356	10 380	285	585	7 985	41 672	52 026	93 704	6 658
3279	Other nonmetallic mineral product manufacturing	2	10	6	443	15 717	313	592	9 126	47 473	26 302	73 393	1 907
32791	Abrasive product manufacturing	2	3	3	309	11 826	209	374	6 410	37 347	17 282	54 293	664
327910	Abrasive product manufacturing	2	3	3	309	11 826	209	374	6 410	37 347	17 282	54 293	664

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)				
	VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.												
331	Primary metal manufacturing	-	7	3	1 277	54 112	971	1 871	34 452	137 263	94 070	241 217	D
3315	Foundries	-	3	2	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	3	2	g	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	160	40	2 846	103 183	2 100	4 216	65 668	251 210	236 242	481 282	10 227
3323	Architectural and structural metals manufacturing	1	59	21	1 253	44 766	870	1 748	24 887	90 001	70 811	160 944	4 917
33231	Plate work and fabricated structural product manufacturing	2	26	13	736	25 702	510	1 067	14 725	54 741	43 050	97 846	1 937
332312	Fabricated structural metal manufacturing	2	18	8	448	15 311	293	586	7 460	36 455	34 959	71 683	1 580
332313	Plate work manufacturing ...	3	6	4	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	33	8	517	19 064	360	681	10 162	35 260	27 761	63 098	2 980
332322	Sheet metal work manufacturing	-	27	8	e	D	D	D	D	D	D	D	2 935
3324	Boiler, tank, and shipping container manufacturing	-	5	4	370	17 767	298	613	13 253	82 099	129 522	207 435	2 117
33243	Metal can, box, and other metal container (light gauge) manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	62	8	631	21 768	466	968	14 978	38 325	15 442	52 540	1 120
33271	Machine shops	2	59	7	573	19 963	421	882	13 704	35 675	14 040	48 495	1 073
332710	Machine shops	2	59	7	573	19 963	421	882	13 704	35 675	14 040	48 495	1 073
333	Machinery manufacturing	-	62	27	4 192	148 613	2 694	5 363	76 851	431 445	517 648	959 953	29 199
3331	Agriculture, construction, and mining machinery manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	5	2	254	10 161	182	333	6 534	17 639	16 099	34 394	D
33329	Other industrial machinery manufacturing	1	5	2	254	10 161	182	333	6 534	17 639	16 099	34 394	D
3333	Commercial and service industry machinery manufacturing	5	10	4	948	22 800	647	1 257	11 126	44 074	29 128	72 276	1 552
33331	Commercial and service industry machinery manufacturing	5	10	4	948	22 800	647	1 257	11 126	44 074	29 128	72 276	1 552
333319	Other commercial and service industry machinery manufacturing	9	5	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	-	14	6	520	20 211	298	598	9 797	50 358	19 123	72 125	D
33351	Metalworking machinery manufacturing	-	14	6	520	20 211	298	598	9 797	50 358	19 123	72 125	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	5	2	e	D	D	D	D	D	D	D	765
33361	Engine, turbine, and power transmission equipment manufacturing	-	5	2	e	D	D	D	D	D	D	D	765
3339	Other general purpose machinery manufacturing	1	17	9	809	30 558	435	860	13 328	89 103	74 258	168 758	6 616
33391	Pump and compressor manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	3	1	e	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	-	6	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)				
	VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing	-	40	17	2 944	91 316	2 200	4 041	49 254	504 352	848 939	1 359 058	53 308
3341	Computer and peripheral equipment manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	7	4	g	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	4	12	7	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	4	12	7	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	18	5	426	19 016	219	447	6 458	56 779	17 902	74 103	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	3	18	5	426	19 016	219	447	6 458	56 779	17 902	74 103	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	5	3	e	D	D	D	D	D	D	D	305
335	Electrical equipment, appliance, and component manufacturing	2	11	7	411	14 959	300	529	8 241	46 109	53 193	92 549	977
336	Transportation equipment manufacturing	-	55	26	24 532	1 208 334	16 930	34 190	786 572	3 821 006	3 129 245	6 945 160	120 850
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	37	17	20 302	927 582	13 628	26 447	571 643	2 600 298	550 096	3 150 394	40 703
33661	Ship and boat building	-	37	17	20 302	927 582	13 628	26 447	571 643	2 600 298	550 096	3 150 394	40 703
336611	Ship building and repairing ..	-	28	15	20 045	920 102	13 419	26 041	566 183	2 591 674	539 297	3 130 971	40 305
336612	Boat building	-	9	2	257	7 480	209	406	5 460	8 624	10 799	19 423	398
337	Furniture and related product manufacturing	4	107	13	1 044	30 305	798	1 349	18 895	61 285	44 487	105 936	1 885
3371	Household and institutional furniture and kitchen cabinet manufacturing	3	88	8	761	20 291	577	1 029	12 639	37 994	25 901	64 114	D
33711	Wood kitchen cabinet and countertop manufacturing	3	64	7	616	17 527	458	836	10 515	29 458	19 602	49 279	711
337110	Wood kitchen cabinet and countertop manufacturing ..	3	64	7	616	17 527	458	836	10 515	29 458	19 602	49 279	711
339	Miscellaneous manufacturing	3	121	20	2 355	62 131	1 814	3 383	38 479	153 039	80 469	226 925	D
3391	Medical equipment and supplies manufacturing	3	50	8	916	28 146	685	1 258	17 354	74 126	25 362	93 588	D
33911	Medical equipment and supplies manufacturing	3	50	8	916	28 146	685	1 258	17 354	74 126	25 362	93 588	D
339115	Ophthalmic goods manufacturing	5	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	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)
	VIRGINIA BEACH-NORFOLK-NEWPORT NEWS, VA-NC METROPOLITAN STATISTICAL AREA—Con.												
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	3	71	12	1 439	33 985	1 129	2 125	21 125	78 913	55 107	133 337	D
33995	Sign manufacturing	2	31	5	374	11 863	231	401	5 801	18 303	17 196	34 436	D
339950	Sign manufacturing	2	31	5	374	11 863	231	401	5 801	18 303	17 196	34 436	D
33999	All other miscellaneous manufacturing	—	13	3	602	12 602	496	960	8 742	34 288	24 436	58 798	D
339991	Gasket, packing, and sealing device manufacturing	—	2	2	e	D	D	D	D	D	D	D	D

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

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

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

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

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Industry Statistics for Counties: 2002

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

NAICS code	Geographic area and industry	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)				
ACCOMACK													
31-33	Manufacturing	-	36	11	3 187	66 034	2 938	5 939	55 028	426 183	175 756	601 018	10 896
311	Food manufacturing	-	15	5	2 885	58 576	2 703	5 506	49 841	406 642	164 336	569 944	10 067
3116	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	2	h	D	D	D	D	D	D	D	D
ALBEMARLE													
31-33	Manufacturing	3	46	14	1 399	47 568	915	1 838	25 179	106 304	146 872	252 193	D
ALLEGHANY													
31-33	Manufacturing	2	13	6	791	21 652	631	1 228	14 544	63 158	67 233	120 288	5 422
AMHERST													
31-33	Manufacturing	1	41	12	1 689	71 391	1 358	2 850	55 757	272 244	214 856	478 009	8 079
APPOMATTOX													
31-33	Manufacturing	-	18	2	678	20 947	552	1 020	15 196	39 374	24 689	64 153	919
337	Furniture and related product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ARLINGTON													
31-33	Manufacturing	2	54	8	585	16 490	398	684	10 247	35 868	27 451	63 311	1 044
AUGUSTA													
31-33	Manufacturing	-	52	25	4 631	174 441	3 791	7 250	124 813	765 880	542 981	1 305 651	22 717
311	Food manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	16	8	1 618	59 591	1 242	2 108	34 792	153 826	119 014	275 030	10 903
3322	Cutlery and handtool manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	2	2	f	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
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
BEDFORD													
31-33	Manufacturing	1	68	16	1 677	68 025	1 076	2 108	32 983	275 241	209 942	485 632	23 773
BOTETOURT													
31-33	Manufacturing	-	28	18	1 878	60 939	1 123	2 013	30 888	143 746	231 709	373 305	15 951
BRUNSWICK													
31-33	Manufacturing	1	19	7	527	13 989	416	813	9 652	39 913	31 176	73 840	3 427

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)				
CAMPBELL													
31-33	Manufacturing	-	57	18	3 618	122 588	3 033	6 629	92 472	578 642	389 457	922 542	52 415
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	3	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
CARROLL													
31-33	Manufacturing	-	27	10	1 429	34 995	1 266	2 578	29 280	110 008	94 829	202 230	8 146
313	Textile mills	-	4	4	814	21 683	723	1 513	18 469	81 420	71 707	150 941	D
CHARLOTTE													
31-33	Manufacturing	1	15	9	999	26 478	880	1 766	20 934	51 920	87 775	138 832	2 900
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
CHESTERFIELD													
31-33	Manufacturing	-	176	53	9 674	431 871	7 254	15 597	288 364	1 484 825	1 629 766	3 125 438	113 108
311	Food manufacturing	2	12	5	690	19 564	546	1 019	14 021	85 454	131 102	216 555	D
312	Beverage and tobacco product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	-	3	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	-	2	2	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	8	5	725	27 829	627	1 259	21 881	59 002	62 361	125 000	1 663
3222	Converted paper product manufacturing	-	8	5	725	27 829	627	1 259	21 881	59 002	62 361	125 000	1 663
325	Chemical manufacturing	-	10	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	6	18	4	890	36 623	607	1 331	22 044	98 857	89 484	188 334	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	26	8	516	17 878	374	782	10 299	48 627	29 037	75 944	1 701

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
CLARKE													
31-33	Manufacturing	-	16	5	1 201	39 218	940	1 946	27 716	158 250	99 879	257 003	D
323	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	1	1	f	D	D	D	D	D	D	D	D
323117	Books printing	-	1	1	f	D	D	D	D	D	D	D	D
CULPEPER													
31-33	Manufacturing	-	33	15	1 406	49 419	1 074	1 900	32 452	176 829	179 508	359 106	11 462
DINWIDDIE													
31-33	Manufacturing	-	10	5	f	D	D	D	D	D	D	D	3 803
ESSEX													
31-33	Manufacturing	4	15	5	727	18 755	580	1 214	13 602	26 086	42 354	68 519	1 091
FAIRFAX													
31-33	Manufacturing	2	437	89	10 525	468 279	5 677	11 377	198 977	1 017 563	672 662	1 699 740	46 223
311	Food manufacturing	-	40	10	836	24 355	422	783	11 054	82 901	100 338	182 159	1 649
3118	Bakeries and tortilla manufacturing	3	33	9	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	3	33	9	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	123	21	3 070	123 963	2 201	4 291	79 001	207 252	131 215	338 577	16 914
3231	Printing and related support activities	1	123	21	3 070	123 963	2 201	4 291	79 001	207 252	131 215	338 577	16 914
32311	Printing	1	114	19	2 969	118 556	2 163	4 210	77 077	201 439	130 269	331 834	16 671
323110	Commercial lithographic printing	-	53	14	2 299	100 067	1 679	3 264	66 204	159 218	114 751	273 784	14 238
334	Computer and electronic product manufacturing	3	47	17	3 262	189 349	846	1 798	38 033	402 380	208 876	617 365	13 051
3342	Communications equipment manufacturing	4	13	7	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	16	8	2 319	143 615	565	1 193	28 030	285 968	115 781	404 335	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	16	8	2 319	143 615	565	1 193	28 030	285 968	115 781	404 335	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	73	7	781	27 996	486	917	13 306	55 566	28 412	85 344	3 568
FAUQUIER													
31-33	Manufacturing	1	47	9	871	32 080	617	1 091	18 639	56 358	64 921	120 842	2 424
FRANKLIN													
31-33	Manufacturing	-	55	16	3 099	96 448	2 242	4 599	60 436	198 894	234 022	427 304	9 069
321	Wood product manufacturing	-	14	7	793	24 462	580	1 093	14 870	41 576	90 790	132 031	D
3219	Other wood product manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	2	1	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	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]

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)				
FREDERICK													
31-33	Manufacturing	-	76	40	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	8	5	591	19 907	423	874	12 921	137 946	321 128	448 578	D
321	Wood product manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	6	530	16 188	409	682	11 064	61 586	71 724	133 670	D
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
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
GILES													
31-33	Manufacturing	-	13	7	1 443	61 211	1 118	2 428	41 246	228 391	161 417	381 542	15 015
325	Chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325221	Cellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
GRAYSON													
31-33	Manufacturing	3	17	8	737	27 249	541	1 228	14 982	135 184	63 505	196 604	16 203
GREENE													
31-33	Manufacturing	-	10	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
GREENSVILLE													
31-33	Manufacturing	-	7	4	1 506	36 508	1 413	2 725	32 476	173 251	102 402	274 968	7 172
311	Food manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
HALIFAX													
31-33	Manufacturing	-	42	16	3 254	91 739	2 716	4 755	64 076	320 981	243 110	570 302	26 944
326	Plastics and rubber products manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
HANOVER													
31-33	Manufacturing	3	143	42	3 107	114 056	2 054	3 999	62 123	353 736	315 393	668 117	14 710
339	Miscellaneous manufacturing	-	10	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	8	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
HENRICO													
31-33	Manufacturing	1	209	75	9 800	357 660	7 235	14 293	223 853	1 713 776	1 169 489	2 899 674	103 770
311	Food manufacturing	1	12	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
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	9	1	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
322	Paper manufacturing	1	13	9	1 133	48 925	860	1 878	30 331	130 766	181 381	313 442	7 213
3222	Converted paper product manufacturing	1	13	9	1 133	48 925	860	1 878	30 331	130 766	181 381	313 442	7 213
32221	Paperboard container manufacturing	1	6	5	802	34 257	620	1 349	21 971	85 245	134 320	220 861	D
322211	Corrugated and solid fiber box manufacturing	2	5	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	43	18	g	D	D	D	D	D	D	D	8 057
3231	Printing and related support activities	1	43	18	g	D	D	D	D	D	D	D	8 057
32311	Printing	1	39	15	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	9	913	29 026	735	1 603	22 016	104 890	105 213	212 450	6 117
3261	Plastics product manufacturing ..	1	10	9	913	29 026	735	1 603	22 016	104 890	105 213	212 450	6 117
334	Computer and electronic product manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
HENRY													
31-33	Manufacturing	2	72	32	6 484	166 449	5 608	11 244	126 774	474 391	518 846	1 017 410	25 463
313	Textile mills	6	4	4	g	D	D	D	D	D	D	D	D
3132	Fabric mills	8	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	7	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	7	6	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
ISLE OF WIGHT													
31-33	Manufacturing	-	21	4	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	2	h	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)				
JAMES CITY													
31-33	Manufacturing	-	37	11	2 325	108 994	1 713	3 502	69 102	996 692	474 476	1 472 341	56 173
312	Beverage and tobacco product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
KING WILLIAM													
31-33	Manufacturing	-	16	6	981	53 281	741	1 561	39 941	313 596	191 229	504 382	3 745
322	Paper manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
LOUDOUN													
31-33	Manufacturing	2	161	51	5 523	262 727	3 229	6 623	118 298	524 480	412 092	929 862	33 721
321	Wood product manufacturing	-	8	4	652	19 518	506	1 028	12 153	34 446	35 119	69 632	2 358
3219	Other wood product manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	7	31	6	893	43 523	665	1 307	27 976	84 872	30 590	115 457	2 629
3231	Printing and related support activities	7	31	6	893	43 523	665	1 307	27 976	84 872	30 590	115 457	2 629
32311	Printing	7	26	6	879	42 840	654	1 288	27 537	83 581	30 302	113 879	2 593
323110	Commercial lithographic printing	7	14	5	792	39 848	592	1 184	25 774	77 706	27 223	104 847	2 312
334	Computer and electronic product manufacturing	2	31	15	1 391	64 147	760	1 599	28 472	126 683	98 906	220 514	6 846
336	Transportation equipment manufacturing	-	5	3	1 125	80 685	260	550	16 228	133 828	143 077	277 982	D
3364	Aerospace product and parts manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
LOUISA													
31-33	Manufacturing	4	23	8	612	19 317	498	970	12 395	51 918	46 544	98 863	2 942
LUNENBURG													
31-33	Manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
MECKLENBURG													
31-33	Manufacturing	-	38	20	2 538	61 308	2 046	3 552	41 700	135 812	190 550	348 808	7 885
313	Textile mills	-	6	6	990	22 266	780	1 069	13 940	26 289	94 272	141 626	D
3131	Fiber, yarn, and thread mills	-	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	3	3	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	2	2	f	D	D	D	D	D	D	D	D
MONTGOMERY													
31-33	Manufacturing	-	65	21	3 568	122 792	2 747	5 411	79 721	369 607	272 932	642 551	47 109
335	Electrical equipment, appliance, and component manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	-	1	1	f	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
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts 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.

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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)				
MONTGOMERY—Con.													
337	Furniture and related product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
NOTTOWAY													
31-33	Manufacturing	1	20	11	675	16 626	584	1 199	12 143	67 586	74 025	141 143	D
ORANGE													
31-33	Manufacturing	—	24	10	1 891	65 497	1 475	2 894	41 334	332 653	282 371	614 860	23 710
326	Plastics and rubber products manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
PAGE													
31-33	Manufacturing	—	22	8	2 442	55 438	1 971	4 007	42 938	459 182	139 954	607 832	3 190
315	Apparel manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	2	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
PATRICK													
31-33	Manufacturing	3	30	10	1 537	40 272	1 368	2 419	31 417	71 843	77 061	149 344	4 295
PITTSYLVANIA													
31-33	Manufacturing	—	57	22	3 142	84 849	2 525	4 999	60 846	254 315	432 378	673 496	13 098
313	Textile mills	—	1	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	1	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	1	1	f	D	D	D	D	D	D	D	D
PRINCE EDWARD													
31-33	Manufacturing	—	22	5	559	13 874	462	895	9 507	41 606	26 383	68 209	3 114
PRINCE GEORGE													
31-33	Manufacturing	—	23	9	2 095	66 090	1 677	3 209	45 787	216 015	197 377	416 133	34 512
311	Food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) 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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PRINCE WILLIAM													
31-33	Manufacturing	2	98	25	2 329	91 034	1 704	3 573	58 498	181 760	169 116	354 324	10 257
PULASKI													
31-33	Manufacturing	-	49	29	6 014	210 737	4 643	9 374	137 649	489 190	967 597	1 445 901	42 336
325	Chemical manufacturing	1	4	4	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	6	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
ROANOKE													
31-33	Manufacturing	-	62	15	3 251	118 972	2 259	4 313	64 302	287 453	265 155	568 537	8 207
332	Fabricated metal product manufacturing	-	9	4	678	26 317	456	767	12 617	55 736	33 816	90 044	1 610
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	-	3	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	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
ROCKBRIDGE													
31-33	Manufacturing	-	23	11	1 887	53 334	1 616	3 379	39 741	123 908	268 700	386 947	9 450
314	Textile product mills	-	2	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	-	1	1	g	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	1	1	g	D	D	D	D	D	D	D	D
ROCKINGHAM													
31-33	Manufacturing	-	78	28	8 799	280 942	6 799	13 206	186 740	2 641 962	2 043 653	4 748 421	184 993
311	Food manufacturing	-	14	9	5 557	116 816	4 619	8 890	93 321	641 449	812 610	1 511 332	41 114
3116	Animal slaughtering and processing	-	9	7	i	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	9	7	i	D	D	D	D	D	D	D	D
311615	Poultry processing	-	5	5	i	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
RUSSELL													
31-33	Manufacturing	2	20	5	1 575	49 700	1 178	2 278	32 902	90 809	120 796	210 574	3 264
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product 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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SCOTT													
31-33	Manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
SHENANDOAH													
31-33	Manufacturing	-	40	20	4 599	145 690	3 641	7 624	104 669	316 633	383 271	698 953	26 983
311	Food manufacturing	-	6	5	1 316	30 880	1 183	2 564	26 571	51 149	198 102	249 140	3 552
3116	Animal slaughtering and processing	-	3	3	1 078	24 660	981	2 136	22 269	35 116	119 983	154 651	D
31161	Animal slaughtering and processing	-	3	3	1 078	24 660	981	2 136	22 269	35 116	119 983	154 651	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	4	2	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	4	2	f	D	D	D	D	D	D	D	D
32311	Printing	-	4	2	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	2	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SMYTH													
31-33	Manufacturing	-	48	22	4 568	135 505	3 806	7 523	99 832	267 171	381 407	661 696	15 641
321	Wood product manufacturing	-	8	5	1 064	31 326	969	1 801	26 841	56 915	82 677	137 783	2 983
3219	Other wood product manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
32191	Millwork	-	4	4	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
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics 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	-	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	931	25 526	812	1 504	22 781	47 759	136 685	188 677	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
336212	Truck trailer manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
SOUTHAMPTON													
31-33	Manufacturing	-	18	10	2 526	128 379	2 061	4 526	101 401	551 472	373 759	880 773	51 238
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
SPOTSYLVANIA													
31-33	Manufacturing	-	42	17	1 753	63 924	1 368	2 744	45 879	163 292	178 553	340 932	9 536
STAFFORD													
31-33	Manufacturing	1	40	6	674	19 538	503	1 022	13 838	58 615	60 139	119 964	7 539

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)				
TAZEWELL													
31-33	Manufacturing	1	62	20	1 412	43 459	988	1 867	24 329	105 766	136 832	245 506	D
WARREN													
31-33	Manufacturing	-	27	5	892	33 971	696	1 424	24 264	368 078	260 175	657 422	4 767
WASHINGTON													
31-33	Manufacturing	2	62	25	2 212	68 249	1 724	3 492	44 125	212 007	198 268	403 184	9 802
WYTHE													
31-33	Manufacturing	2	41	15	1 577	48 019	1 282	2 666	34 981	156 068	131 468	283 431	6 950
YORK													
31-33	Manufacturing	-	39	7	f	D	D	D	D	D	D	D	D
ALEXANDRIA (IC)													
31-33	Manufacturing	3	98	19	1 504	56 520	1 036	2 057	32 601	161 756	114 825	272 232	6 150
323	Printing and related support activities	2	34	7	555	23 737	387	727	13 680	44 622	22 249	62 439	2 229
3231	Printing and related support activities	2	34	7	555	23 737	387	727	13 680	44 622	22 249	62 439	2 229
32311	Printing	2	30	7	520	22 418	361	673	12 805	42 779	21 537	59 911	2 211
BEDFORD (IC)													
31-33	Manufacturing	1	21	11	1 304	36 180	1 007	1 812	23 349	65 193	99 680	164 655	4 692
337	Furniture and related product manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
BRISTOL (IC)													
31-33	Manufacturing	2	40	20	5 463	199 010	4 070	8 472	129 955	257 487	384 314	680 597	8 066
311	Food manufacturing	4	4	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	3	h	D	D	D	D	D	D	D	1 752
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
335	Electrical equipment, appliance, and component manufacturing	3	3	3	f	D	D	D	D	D	D	D	D
BUENA VISTA (IC)													
31-33	Manufacturing	-	15	11	1 325	44 379	1 013	2 156	28 178	153 027	430 012	584 818	2 800
CHARLOTTESVILLE (IC)													
31-33	Manufacturing	2	68	15	3 630	189 798	1 501	3 072	47 600	377 564	251 361	640 428	11 952
334	Computer and electronic product manufacturing	2	5	3	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	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
335	Electrical equipment, appliance, and component manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	1	1	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)				
CHESAPEAKE (IC)													
31-33	Manufacturing	1	145	51	4 651	185 450	3 213	6 470	112 254	460 428	655 514	1 139 760	23 771
333	Machinery manufacturing	-	14	7	998	44 302	522	962	18 147	102 212	97 821	227 723	D
336	Transportation equipment manufacturing	-	13	7	1 265	56 466	992	2 019	43 279	127 827	176 275	301 201	D
3366	Ship and boat building	-	8	5	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	8	5	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	7	5	f	D	D	D	D	D	D	D	D
COLONIAL HEIGHTS (IC)													
31-33	Manufacturing	1	11	5	1 156	40 629	939	1 502	27 200	145 606	117 079	264 985	5 782
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
COVINGTON (IC)													
31-33	Manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
DANVILLE (IC)													
31-33	Manufacturing	-	46	19	9 024	299 582	7 459	15 844	215 908	640 066	751 972	1 389 804	39 823
312	Beverage and tobacco product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	-	2	1	h	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	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
EMPORIA (IC)													
31-33	Manufacturing	-	13	8	1 145	37 541	986	2 141	30 646	87 130	108 507	194 526	2 619
FREDERICKSBURG (IC)													
31-33	Manufacturing	2	46	15	943	34 665	653	1 354	20 843	73 302	83 295	157 675	2 717
GALAX (IC)													
31-33	Manufacturing	1	21	12	3 573	75 741	3 141	5 859	62 763	143 523	181 918	328 280	6 328
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
33712	Household and institutional furniture manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
337122	Nonupholstered wood household furniture manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873

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)				
HAMPTON (IC)													
31-33	Manufacturing	-	85	26	4 133	137 099	3 193	6 259	84 223	581 677	763 530	1 350 118	26 796
331	Primary metal manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3315	Foundries	-	1	1	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	1	1	g	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	18	6	620	22 392	451	923	15 191	43 105	22 995	64 613	D
334	Computer and electronic product manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
HARRISONBURG (IC)													
31-33	Manufacturing	-	59	20	4 774	141 682	3 977	7 938	105 801	406 886	359 655	769 020	29 978
311	Food manufacturing	2	6	4	518	12 333	451	857	9 835	22 536	105 977	127 247	2 649
323	Printing and related support activities	-	7	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	7	2	g	D	D	D	D	D	D	D	D
32311	Printing	-	7	2	g	D	D	D	D	D	D	D	D
323117	Books printing	-	2	2	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
HOPEWELL (IC)													
31-33	Manufacturing	-	17	6	1 892	112 283	1 376	3 070	77 209	569 553	484 736	1 045 853	36 156
325	Chemical manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	6	5	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
325199	All other basic organic chemical manufacturing	-	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
LYNCHBURG (IC)													
31-33	Manufacturing	1	118	48	9 567	423 220	6 333	13 754	227 198	1 186 198	654 193	1 758 135	49 087
311	Food manufacturing	3	8	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	11	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	11	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	11	1	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing .	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	8	6	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	2	2	2	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	-	2	2	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	2	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
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	26	9	1 008	40 244	765	1 640	27 200	133 068	60 525	193 970	4 150
333	Machinery manufacturing	-	11	7	895	40 302	485	1 065	17 408	82 360	62 273	146 357	1 506
334	Computer and electronic product manufacturing	-	9	4	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)				
LYNCHBURG (IC)—Con.													
339	Miscellaneous manufacturing	9	12	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	9	8	2	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
MANASSAS (IC)													
31-33	Manufacturing	2	43	14	2 790	162 211	1 243	2 336	66 436	558 690	106 475	699 007	19 557
334	Computer and electronic product manufacturing	2	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
MARTINSVILLE (IC)													
31-33	Manufacturing	2	33	15	3 311	92 838	2 560	5 035	60 604	167 523	241 861	415 735	8 306
315	Apparel manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	—	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	4	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
33712	Household and institutional furniture manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
NEWPORT NEWS (IC)													
31-33	Manufacturing	—	121	42	22 213	989 026	14 270	27 520	563 297	2 730 794	1 091 929	3 827 696	109 990
311	Food manufacturing	4	11	4	645	21 581	416	726	9 969	51 111	133 280	184 558	D
333	Machinery manufacturing	1	8	5	531	19 356	284	553	8 522	47 740	30 523	79 245	727
334	Computer and electronic product manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing	—	3	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
NEWPORT NEWS (IC)—Con.													
336	Transportation equipment manufacturing	—	6	4	j	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	3	2	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	3	2	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	—	2	1	j	D	D	D	D	D	D	D	D
NORFOLK (IC)													
31-33	Manufacturing	—	194	70	9 752	418 413	7 738	16 215	320 779	1 564 248	2 743 752	4 294 111	92 479
311	Food manufacturing	—	14	10	771	18 895	462	790	9 114	85 215	87 559	173 108	3 782
332	Fabricated metal product manufacturing	1	32	10	608	20 016	438	920	11 796	42 351	34 315	76 406	1 535
333	Machinery manufacturing	4	10	4	1 120	29 374	760	1 579	16 119	69 325	41 131	109 466	2 102
3333	Commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	17	8	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	13	7	g	D	D	D	D	D	D	D	9 864
33661	Ship and boat building	—	13	7	g	D	D	D	D	D	D	D	9 864
336611	Ship building and repairing ..	—	11	6	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	21	7	774	19 469	634	1 219	14 435	51 139	15 021	60 528	D
3391	Medical equipment and supplies manufacturing	4	10	5	525	14 017	418	751	9 780	40 273	9 666	43 986	D
33911	Medical equipment and supplies manufacturing	4	10	5	525	14 017	418	751	9 780	40 273	9 666	43 986	D
PETERSBURG (IC)													
31-33	Manufacturing	3	41	20	2 416	106 728	1 755	3 592	60 840	328 090	344 577	660 096	42 986
PORTSMOUTH (IC)													
31-33	Manufacturing	—	66	17	1 864	71 878	1 374	2 877	48 739	263 282	171 072	435 737	D
311	Food manufacturing	—	9	4	739	21 574	570	1 273	16 665	130 424	50 491	181 610	3 081
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
RADFORD (IC)													
31-33	Manufacturing	2	21	10	2 065	73 297	1 771	3 883	59 003	189 258	158 354	346 129	6 158
331	Primary metal manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	—	2	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
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	5	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	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)				
RICHMOND (IC)													
31-33	Manufacturing	-	297	97	15 417	748 994	9 995	20 121	410 812	11 347 830	2 600 073	13 923 842	138 524
311	Food manufacturing	-	18	9	f	D	D	D	D	D	D	D	2 389
3118	Bakeries and tortilla manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	4	2	h	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	3	2	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	20	14	1 489	59 740	1 167	2 443	40 116	104 861	207 744	311 839	5 891
3222	Converted paper product manufacturing	1	17	11	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	12	7	f	D	D	D	D	D	D	D	2 743
323	Printing and related support activities	1	55	16	g	D	D	D	D	D	D	D	4 718
3231	Printing and related support activities	1	55	16	g	D	D	D	D	D	D	D	4 718
32311	Printing	1	48	13	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	21	7	f	D	D	D	D	D	D	D	2 721
325	Chemical manufacturing	-	13	6	1 536	55 982	735	1 114	15 448	382 895	146 370	507 783	31 871
3254	Pharmaceutical and medicine manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	6	f	D	D	D	D	D	D	D	5 916
3261	Plastics product manufacturing ..	-	8	6	f	D	D	D	D	D	D	D	5 916
331	Primary metal manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	2	2	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	2	2	f	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	39	10	f	D	D	D	D	D	D	D	2 897
337	Furniture and related product manufacturing	8	34	8	f	D	D	D	D	D	D	D	2 622
ROANOKE (IC)													
31-33	Manufacturing	2	126	45	4 579	160 293	3 341	6 557	98 048	556 855	471 997	1 026 999	16 983
311	Food manufacturing	6	7	4	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
SALEM (IC)													
31-33	Manufacturing	-	76	28	4 671	177 326	3 304	6 105	113 237	769 741	380 444	1 167 795	29 463
326	Plastics and rubber products manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	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
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
335314	Relay and industrial control 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]

NAICS code	Geographic area and industry	All establishments ²			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E1	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUFFOLK (IC)													
31-33	Manufacturing	3	55	21	2 229	89 939	1 586	3 117	56 111	573 164	577 071	1 155 828	27 169
311	Food manufacturing	4	10	3	896	37 173	668	1 257	23 458	438 696	394 748	837 231	D
3119	Other food manufacturing	3	6	3	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
VIRGINIA BEACH (IC)													
31-33	Manufacturing	2	225	40	5 067	152 780	3 748	7 065	90 682	605 058	592 649	1 171 374	34 609
323	Printing and related support activities	8	40	6	687	19 052	540	908	13 370	146 919	32 238	179 296	4 087
3231	Printing and related support activities	8	40	6	687	19 052	540	908	13 370	146 919	32 238	179 296	4 087
32311	Printing	8	38	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	9	4	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
33311	Agricultural implement manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	37	5	928	23 020	737	1 353	13 184	59 831	43 058	101 868	D
3399	Other miscellaneous manufacturing	2	23	5	864	20 906	689	1 252	11 770	55 713	41 572	96 270	D
WAYNESBORO (IC)													
31-33	Manufacturing	-	39	14	3 149	134 931	2 335	5 047	89 028	451 836	279 666	731 581	23 733
313	Textile mills	-	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
WINCHESTER (IC)													
31-33	Manufacturing	-	45	24	i	D	D	D	D	D	D	D	46 593
311	Food manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	6	2 582	109 015	1 607	3 385	61 073	449 466	160 269	612 237	D
3261	Plastics product manufacturing ..	-	5	5	h	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	4	g	D	D	D	D	D	D	D	14 148
326199	All other plastics product manufacturing	-	4	4	g	D	D	D	D	D	D	D	14 148

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	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)
ALEXANDRIA (IC)													
31-33	Manufacturing	3	98	19	1 504	56 520	1 036	2 057	32 601	161 756	114 825	272 232	6 150
323	Printing and related support activities	2	34	7	555	23 737	387	727	13 680	44 622	22 249	62 439	2 229
3231	Printing and related support activities	2	34	7	555	23 737	387	727	13 680	44 622	22 249	62 439	2 229
32311	Printing	2	30	7	520	22 418	361	673	12 805	42 779	21 537	59 911	2 211
ALTAVISTA													
31-33	Manufacturing	-	9	7	2 045	75 893	1 721	3 847	58 194	504 913	272 167	733 952	47 789
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
ASHLAND													
31-33	Manufacturing	3	39	14	755	25 262	477	969	13 246	60 623	52 438	112 732	3 879
BEDFORD (IC)													
31-33	Manufacturing	1	21	11	1 304	36 180	1 007	1 812	23 349	65 193	99 680	164 655	4 692
337	Furniture and related product manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
BERRYVILLE													
31-33	Manufacturing	-	9	3	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	1	1	f	D	D	D	D	D	D	D	D
323117	Books printing	-	1	1	f	D	D	D	D	D	D	D	D
BLACKSBURG													
31-33	Manufacturing	-	28	8	1 447	53 202	1 141	2 161	36 444	187 357	98 828	282 207	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
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BLUEFIELD													
31-33	Manufacturing	2	15	7	f	D	D	D	D	D	D	D	D
BRIDGEWATER													
31-33	Manufacturing	-	9	5	g	D	D	D	D	D	D	D	2 183
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	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)				
BRISTOL (IC)													
31-33	Manufacturing	2	40	20	5 463	199 010	4 070	8 472	129 955	257 487	384 314	680 597	8 066
311	Food manufacturing	4	4	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	3	h	D	D	D	D	D	D	D	1 752
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
335	Electrical equipment, appliance, and component manufacturing	3	3	3	f	D	D	D	D	D	D	D	D
BUENA VISTA (IC)													
31-33	Manufacturing	-	15	11	1 325	44 379	1 013	2 156	28 178	153 027	430 012	584 818	2 800
CHARLOTTESVILLE (IC)													
31-33	Manufacturing	2	68	15	3 630	189 798	1 501	3 072	47 600	377 564	251 361	640 428	11 952
334	Computer and electronic product manufacturing	2	5	3	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	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
335	Electrical equipment, appliance, and component manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
CHESAPEAKE (IC)													
31-33	Manufacturing	1	145	51	4 651	185 450	3 213	6 470	112 254	460 428	655 514	1 139 760	23 771
333	Machinery manufacturing	-	14	7	998	44 302	522	962	18 147	102 212	97 821	227 723	D
336	Transportation equipment manufacturing	-	13	7	1 265	56 466	992	2 019	43 279	127 827	176 275	301 201	D
3366	Ship and boat building	-	8	5	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	8	5	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing	-	7	5	f	D	D	D	D	D	D	D	D
CHRISTIANSBURG													
31-33	Manufacturing	1	24	9	1 287	47 569	893	1 784	26 699	128 277	124 285	256 347	13 945
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
COLONIAL HEIGHTS (IC)													
31-33	Manufacturing	1	11	5	1 156	40 629	939	1 502	27 200	145 606	117 079	264 985	5 782
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product 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)				
COVINGTON (IC)													
31-33	Manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
CULPEPER													
31-33	Manufacturing	-	12	6	769	26 536	673	1 294	21 255	107 034	87 310	197 224	2 150
DANVILLE (IC)													
31-33	Manufacturing	-	46	19	9 024	299 582	7 459	15 844	215 908	640 066	751 972	1 389 804	39 823
312	Beverage and tobacco product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31221	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
312210	Tobacco stemming and redrying	-	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	-	2	1	h	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	h	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	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
EMPORIA (IC)													
31-33	Manufacturing	-	13	8	1 145	37 541	986	2 141	30 646	87 130	108 507	194 526	2 619
FREDERICKSBURG (IC)													
31-33	Manufacturing	2	46	15	943	34 665	653	1 354	20 843	73 302	83 295	157 675	2 717
FRONT ROYAL													
31-33	Manufacturing	-	15	2	f	D	D	D	D	D	D	D	D
GALAX (IC)													
31-33	Manufacturing	1	21	12	3 573	75 741	3 141	5 859	62 763	143 523	181 918	328 280	6 328
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
33712	Household and institutional furniture manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873
337122	Nonupholstered wood household furniture manufacturing	2	5	5	2 372	45 586	2 136	4 014	39 777	88 263	78 946	168 932	2 873

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)				
HAMPTON (IC)													
31-33	Manufacturing	-	85	26	4 133	137 099	3 193	6 259	84 223	581 677	763 530	1 350 118	26 796
331	Primary metal manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3315	Foundries	-	1	1	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	1	1	g	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	18	6	620	22 392	451	923	15 191	43 105	22 995	64 613	D
334	Computer and electronic product manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
HARRISONBURG (IC)													
31-33	Manufacturing	-	59	20	4 774	141 682	3 977	7 938	105 801	406 886	359 655	769 020	29 978
311	Food manufacturing	2	6	4	518	12 333	451	857	9 835	22 536	105 977	127 247	2 649
323	Printing and related support activities	-	7	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	7	2	g	D	D	D	D	D	D	D	D
32311	Printing	-	7	2	g	D	D	D	D	D	D	D	D
323117	Books printing	-	2	2	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
HILLSVILLE													
31-33	Manufacturing	-	13	9	1 369	33 737	1 214	2 486	28 303	107 505	92 700	197 597	8 060
313	Textile mills	-	4	4	814	21 683	723	1 513	18 469	81 420	71 707	150 941	D
HOPEWELL (IC)													
31-33	Manufacturing	-	17	6	1 892	112 283	1 376	3 070	77 209	569 553	484 736	1 045 853	36 156
325	Chemical manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	6	5	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
325199	All other basic organic chemical manufacturing	-	4	3	1 425	82 443	1 042	2 237	57 181	434 645	425 680	851 882	32 253
LEBANON													
31-33	Manufacturing	2	9	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
LEESBURG													
31-33	Manufacturing	4	16	4	511	19 873	315	733	9 690	34 315	31 896	66 222	1 686
LURAY													
31-33	Manufacturing	-	9	3	g	D	D	D	D	D	D	D	2 224
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean 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)				
LYNCHBURG (IC)													
31-33	Manufacturing	1	118	48	9 567	423 220	6 333	13 754	227 198	1 186 198	654 193	1 758 135	49 087
311	Food manufacturing	3	8	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	11	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	11	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	11	1	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	8	6	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3315	Foundries	-	2	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
331511	Iron foundries	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	26	9	1 008	40 244	765	1 640	27 200	133 068	60 525	193 970	4 150
333	Machinery manufacturing	-	11	7	895	40 302	485	1 065	17 408	82 360	62 273	146 357	1 506
334	Computer and electronic product manufacturing	-	9	4	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	9	12	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	9	8	2	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
MANASSAS (IC)													
31-33	Manufacturing	2	43	14	2 790	162 211	1 243	2 336	66 436	558 690	106 475	699 007	19 557
334	Computer and electronic product manufacturing	2	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
MARION													
31-33	Manufacturing	-	8	3	915	24 959	677	1 371	12 507	73 951	37 491	115 550	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)				
MARTINSVILLE (IC)													
31-33	Manufacturing	2	33	15	3 311	92 838	2 560	5 035	60 604	167 523	241 861	415 735	8 306
315	Apparel manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills	-	2	1	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	-	2	1	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	-	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	4	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
33712	Household and institutional furniture manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
NEWPORT NEWS (IC)													
31-33	Manufacturing	-	121	42	22 213	989 026	14 270	27 520	563 297	2 730 794	1 091 929	3 827 696	109 990
311	Food manufacturing	4	11	4	645	21 581	416	726	9 969	51 111	133 280	184 558	D
333	Machinery manufacturing	1	8	5	531	19 356	284	553	8 522	47 740	30 523	79 245	727
334	Computer and electronic product manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	6	4	j	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	3	2	j	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	3	2	j	D	D	D	D	D	D	D	D
336611	Ship building and repairing	-	2	1	j	D	D	D	D	D	D	D	D
NORFOLK (IC)													
31-33	Manufacturing	-	194	70	9 752	418 413	7 738	16 215	320 779	1 564 248	2 743 752	4 294 111	92 479
311	Food manufacturing	-	14	10	771	18 895	462	790	9 114	85 215	87 559	173 108	3 782
332	Fabricated metal product manufacturing	1	32	10	608	20 016	438	920	11 796	42 351	34 315	76 406	1 535
333	Machinery manufacturing	4	10	4	1 120	29 374	760	1 579	16 119	69 325	41 131	109 466	2 102
3333	Commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	17	8	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	13	7	g	D	D	D	D	D	D	D	9 864
33661	Ship and boat building	-	13	7	g	D	D	D	D	D	D	D	9 864
336611	Ship building and repairing	-	11	6	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NORFOLK (IC)—Con.													
339	Miscellaneous manufacturing	5	21	7	774	19 469	634	1 219	14 435	51 139	15 021	60 528	D
3391	Medical equipment and supplies manufacturing	4	10	5	525	14 017	418	751	9 780	40 273	9 666	43 986	D
33911	Medical equipment and supplies manufacturing	4	10	5	525	14 017	418	751	9 780	40 273	9 666	43 986	D
PETERSBURG (IC)													
31-33	Manufacturing	3	41	20	2 416	106 728	1 755	3 592	60 840	328 090	344 577	660 096	42 986
PORTSMOUTH (IC)													
31-33	Manufacturing	—	66	17	1 864	71 878	1 374	2 877	48 739	263 282	171 072	435 737	D
311	Food manufacturing	—	9	4	739	21 574	570	1 273	16 665	130 424	50 491	181 610	3 081
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
PULASKI													
31-33	Manufacturing	2	15	9	1 787	47 003	1 586	3 427	39 234	117 610	116 050	237 919	D
337	Furniture and related product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
RADFORD (IC)													
31-33	Manufacturing	2	21	10	2 065	73 297	1 771	3 883	59 003	189 258	158 354	346 129	6 158
331	Primary metal manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	—	2	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
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	5	2	2	f	D	D	D	D	D	D	D	D
RICHMOND (IC)													
31-33	Manufacturing	—	297	97	15 417	748 994	9 995	20 121	410 812	11 347 830	2 600 073	13 923 842	138 524
311	Food manufacturing	—	18	9	f	D	D	D	D	D	D	D	2 389
3118	Bakeries and tortilla manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	20	14	1 489	59 740	1 167	2 443	40 116	104 861	207 744	311 839	5 891
3222	Converted paper product manufacturing	1	17	11	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	12	7	f	D	D	D	D	D	D	D	2 743
323	Printing and related support activities	1	55	16	g	D	D	D	D	D	D	D	4 718
3231	Printing and related support activities	1	55	16	g	D	D	D	D	D	D	D	4 718
32311	Printing	1	48	13	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	21	7	f	D	D	D	D	D	D	D	2 721

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
RICHMOND (IC)—Con.													
325	Chemical manufacturing	-	13	6	1 536	55 982	735	1 114	15 448	382 895	146 370	507 783	31 871
3254	Pharmaceutical and medicine manufacturing	-	1	g	D	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	1	g	D	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	1	g	D	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	6	f	D	D	D	D	D	D	D	5 916
3261	Plastics product manufacturing ..	-	8	6	f	D	D	D	D	D	D	D	5 916
331	Primary metal manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	2	2	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	2	2	f	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	39	10	f	D	D	D	D	D	D	D	2 897
337	Furniture and related product manufacturing	8	34	8	f	D	D	D	D	D	D	D	2 622
ROANOKE (IC)													
31-33	Manufacturing	2	126	45	4 579	160 293	3 341	6 557	98 048	556 855	471 997	1 026 999	16 983
311	Food manufacturing	6	7	4	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
ROCKY MOUNT													
31-33	Manufacturing	-	20	9	2 268	70 774	1 622	3 464	45 889	144 738	172 003	311 053	7 328
326	Plastics and rubber products manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
SALEM (IC)													
31-33	Manufacturing	-	76	28	4 671	177 326	3 304	6 105	113 237	769 741	380 444	1 167 795	29 463
326	Plastics and rubber products manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	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
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
335314	Relay and industrial control manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SMITHFIELD													
31-33	Manufacturing	-	9	4	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	5	4	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	4	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	2	h	D	D	D	D	D	D	D	D
SOUTH BOSTON													
31-33	Manufacturing	-	20	5	828	29 828	616	1 142	17 711	118 058	25 100	142 005	8 770
SOUTH HILL													
31-33	Manufacturing	1	17	9	956	24 562	812	1 620	17 506	59 376	61 494	123 424	5 172

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
STRASBURG													
31-33	Manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	2	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	2	1	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SUFFOLK (IC)													
31-33	Manufacturing	3	55	21	2 229	89 939	1 586	3 117	56 111	573 164	577 071	1 155 828	27 169
311	Food manufacturing	4	10	3	896	37 173	668	1 257	23 458	438 696	394 748	837 231	D
3119	Other food manufacturing	3	6	3	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	6	2	2	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
VIRGINIA BEACH (IC)													
31-33	Manufacturing	2	225	40	5 067	152 780	3 748	7 065	90 682	605 058	592 649	1 171 374	34 609
323	Printing and related support activities	8	40	6	687	19 052	540	908	13 370	146 919	32 238	179 296	4 087
3231	Printing and related support activities	8	40	6	687	19 052	540	908	13 370	146 919	32 238	179 296	4 087
32311	Printing	8	38	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	9	4	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
33311	Agricultural implement manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	37	5	928	23 020	737	1 353	13 184	59 831	43 058	101 868	D
3399	Other miscellaneous manufacturing	2	23	5	864	20 906	689	1 252	11 770	55 713	41 572	96 270	D
WAYNESBORO (IC)													
31-33	Manufacturing	-	39	14	3 149	134 931	2 335	5 047	89 028	451 836	279 666	731 581	23 733
313	Textile mills	-	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
WEST POINT													
31-33	Manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WINCHESTER (IC)													
31-33	Manufacturing	-	45	24	i	D	D	D	D	D	D	D	46 593
311	Food manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	6	2 582	109 015	1 607	3 385	61 073	449 466	160 269	612 237	D
3261	Plastics product manufacturing ..	-	5	5	h	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	4	g	D	D	D	D	D	D	D	14 148
326199	All other plastics product manufacturing	-	4	4	g	D	D	D	D	D	D	D	14 148
WYTHEVILLE													
31-33	Manufacturing	2	27	13	1 439	43 818	1 171	2 443	32 126	148 008	122 291	266 202	4 803
BALANCE OF ACCOMACK COUNTY													
31-33	Manufacturing	-	34	11	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	13	5	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	2	h	D	D	D	D	D	D	D	D
BALANCE OF ALBEMARLE COUNTY													
31-33	Manufacturing	3	46	14	1 399	47 568	915	1 838	25 179	106 304	146 872	252 193	D
BALANCE OF ALLEGHANY COUNTY													
31-33	Manufacturing	2	10	5	748	20 232	593	1 154	13 383	56 519	61 988	108 441	5 149
BALANCE OF AMHERST COUNTY													
31-33	Manufacturing	1	41	12	1 689	71 391	1 358	2 850	55 757	272 244	214 856	478 009	8 079
BALANCE OF APPOMATTOX COUNTY													
31-33	Manufacturing	-	18	2	678	20 947	552	1 020	15 196	39 374	24 689	64 153	919
337	Furniture and related product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ARLINGTON COUNTY													
31-33	Manufacturing	2	54	8	585	16 490	398	684	10 247	35 868	27 451	63 311	1 044
BALANCE OF AUGUSTA COUNTY													
31-33	Manufacturing	-	52	25	4 631	174 441	3 791	7 250	124 813	765 880	542 981	1 305 651	22 717
311	Food manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	-	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	16	8	1 618	59 591	1 242	2 108	34 792	153 826	119 014	275 030	10 903
3322	Cutlery and handtool manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	2	2	f	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
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	4	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
31-33	BALANCE OF BEDFORD COUNTY Manufacturing	1	68	16	1 677	68 025	1 076	2 108	32 983	275 241	209 942	485 632	23 773
31-33	BALANCE OF BOTETOURT COUNTY Manufacturing	—	28	18	1 878	60 939	1 123	2 013	30 888	143 746	231 709	373 305	15 951
31-33	BALANCE OF BRUNSWICK COUNTY Manufacturing	1	19	7	527	13 989	416	813	9 652	39 913	31 176	73 840	3 427
31-33	BALANCE OF CAMPBELL COUNTY Manufacturing	2	48	11	1 573	46 695	1 312	2 782	34 278	73 729	117 290	188 590	4 626
31-33	BALANCE OF CHARLOTTE COUNTY Manufacturing	1	15	9	999	26 478	880	1 766	20 934	51 920	87 775	138 832	2 900
313	Textile mills	—	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
31-33	BALANCE OF CHESTERFIELD COUNTY Manufacturing	—	176	53	9 674	431 871	7 254	15 597	288 364	1 484 825	1 629 766	3 125 438	113 108
311	Food manufacturing	2	12	5	690	19 564	546	1 019	14 021	85 454	131 102	216 555	D
312	Beverage and tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	—	3	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills	—	2	2	g	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	—	2	2	g	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	—	2	2	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	8	5	725	27 829	627	1 259	21 881	59 002	62 361	125 000	1 663
3222	Converted paper product manufacturing	—	8	5	725	27 829	627	1 259	21 881	59 002	62 361	125 000	1 663
325	Chemical manufacturing	—	10	4	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	6	18	4	890	36 623	607	1 331	22 044	98 857	89 484	188 334	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	26	8	516	17 878	374	782	10 299	48 627	29 037	75 944	1 701
31-33	BALANCE OF CULPEPER COUNTY Manufacturing	—	21	9	637	22 883	401	606	11 197	69 795	92 198	161 882	9 312
31-33	BALANCE OF DINWIDDIE COUNTY Manufacturing	—	10	5	f	D	D	D	D	D	D	D	3 803

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF ESSEX COUNTY													
31-33	Manufacturing	4	15	5	727	18 755	580	1 214	13 602	26 086	42 354	68 519	1 091
BALANCE OF FAIRFAX COUNTY													
31-33	Manufacturing	2	388	82	9 952	448 905	5 276	10 634	186 449	976 258	652 230	1 636 623	45 043
311	Food manufacturing	-	31	8	714	22 353	359	703	10 120	79 007	98 393	176 319	1 541
323	Printing and related support activities	-	109	20	2 908	118 254	2 083	4 071	75 418	197 508	124 353	321 975	16 570
3231	Printing and related support activities	-	109	20	2 908	118 254	2 083	4 071	75 418	197 508	124 353	321 975	16 570
32311	Printing	-	101	18	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	48	13	2 184	95 945	1 592	3 104	63 565	152 354	109 078	261 251	D
334	Computer and electronic product manufacturing	3	42	15	3 110	181 268	736	1 543	32 488	382 580	200 710	587 957	12 473
3342	Communications equipment manufacturing	4	12	7	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	13	7	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	1	13	7	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	64	7	743	26 942	456	869	12 692	53 578	27 562	82 505	3 494
BALANCE OF FAUQUIER COUNTY													
31-33	Manufacturing	1	33	8	792	29 421	555	981	16 861	50 276	60 688	110 556	2 324
BALANCE OF FRANKLIN COUNTY													
31-33	Manufacturing	-	35	7	831	25 674	620	1 135	14 547	54 156	62 019	116 251	1 741
BALANCE OF FREDERICK COUNTY													
31-33	Manufacturing	-	76	40	h	D	D	D	D	D	D	D	D
311	Food manufacturing	-	8	5	591	19 907	423	874	12 921	137 946	321 128	448 578	D
321	Wood product manufacturing	-	9	6	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	6	530	16 188	409	682	11 064	61 586	71 724	133 670	D
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
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF GILES COUNTY													
31-33	Manufacturing	-	10	5	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325221	Cellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF GRAYSON COUNTY													
31-33	Manufacturing	3	17	8	737	27 249	541	1 228	14 982	135 184	63 505	196 604	16 203

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 GREENE COUNTY													
31-33	Manufacturing	-	10	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF GREENSVILLE COUNTY													
31-33	Manufacturing	-	7	4	1 506	36 508	1 413	2 725	32 476	173 251	102 402	274 968	7 172
311	Food manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF HALIFAX COUNTY													
31-33	Manufacturing	-	22	11	2 426	61 911	2 100	3 613	46 365	202 923	218 010	428 297	18 174
326	Plastics and rubber products manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF HANOVER COUNTY													
31-33	Manufacturing	3	104	28	2 352	88 794	1 577	3 030	48 877	293 113	262 955	555 385	10 831
339	Miscellaneous manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
BALANCE OF HENRICO COUNTY													
31-33	Manufacturing	1	209	75	9 800	357 660	7 235	14 293	223 853	1 713 776	1 169 489	2 899 674	103 770
311	Food manufacturing	1	12	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
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	9	1	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
322	Paper manufacturing	1	13	9	1 133	48 925	860	1 878	30 331	130 766	181 381	313 442	7 213
3222	Converted paper product manufacturing	1	13	9	1 133	48 925	860	1 878	30 331	130 766	181 381	313 442	7 213
32221	Paperboard container manufacturing	1	6	5	802	34 257	620	1 349	21 971	85 245	134 320	220 861	D
322211	Corrugated and solid fiber box manufacturing	2	5	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	43	18	g	D	D	D	D	D	D	D	8 057
3231	Printing and related support activities	1	43	18	g	D	D	D	D	D	D	D	8 057
32311	Printing	1	39	15	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)				
BALANCE OF HENRICO COUNTY—Con.													
326	Plastics and rubber products manufacturing	1	10	9	913	29 026	735	1 603	22 016	104 890	105 213	212 450	6 117
3261	Plastics product manufacturing ..	1	10	9	913	29 026	735	1 603	22 016	104 890	105 213	212 450	6 117
334	Computer and electronic product manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
334413	Semiconductor and related device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF HENRY COUNTY													
31-33	Manufacturing	2	72	32	6 484	166 449	5 608	11 244	126 774	474 391	518 846	1 017 410	25 463
313	Textile mills	6	4	4	g	D	D	D	D	D	D	D	D
3132	Fabric mills	8	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	4	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	14	7	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	11	6	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
BALANCE OF JAMES CITY COUNTY													
31-33	Manufacturing	—	37	11	2 325	108 994	1 713	3 502	69 102	996 692	474 476	1 472 341	56 173
312	Beverage and tobacco product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31212	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LOUDOUN COUNTY													
31-33	Manufacturing	2	138	44	4 788	235 007	2 781	5 596	104 691	476 369	367 768	837 324	30 963
323	Printing and related support activities	7	29	6	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	7	29	6	f	D	D	D	D	D	D	D	D
32311	Printing	7	24	6	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	7	13	5	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	26	12	1 249	57 218	733	1 545	27 429	114 672	87 558	197 157	D
336	Transportation equipment manufacturing	—	5	3	1 125	80 685	260	550	16 228	133 828	143 077	277 982	D
3364	Aerospace product and parts manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LOUISA COUNTY													
31-33	Manufacturing	4	23	8	612	19 317	498	970	12 395	51 918	46 544	98 863	2 942

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 LUNENBURG COUNTY													
31-33	Manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
BALANCE OF MECKLENBURG COUNTY													
31-33	Manufacturing	-	21	11	1 582	36 746	1 234	1 932	24 194	76 436	129 056	225 384	2 713
313	Textile mills	-	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF MONTGOMERY COUNTY													
31-33	Manufacturing	-	13	4	834	22 021	713	1 466	16 578	53 973	49 819	103 997	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 ORANGE COUNTY													
31-33	Manufacturing	-	16	7	1 526	55 084	1 151	2 251	32 652	303 937	251 280	555 022	22 647
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF PAGE COUNTY													
31-33	Manufacturing	-	13	5	g	D	D	D	D	D	D	D	966
BALANCE OF PATRICK COUNTY													
31-33	Manufacturing	3	30	10	1 537	40 272	1 368	2 419	31 417	71 843	77 061	149 344	4 295
BALANCE OF PITTSYLVANIA COUNTY													
31-33	Manufacturing	-	57	22	3 142	84 849	2 525	4 999	60 846	254 315	432 378	673 496	13 098
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF PRINCE GEORGE COUNTY													
31-33	Manufacturing	-	23	9	2 095	66 090	1 677	3 209	45 787	216 015	197 377	416 133	34 512
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF PRINCE WILLIAM COUNTY													
31-33	Manufacturing	2	92	24	2 221	87 584	1 617	3 371	56 103	172 181	162 754	338 404	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	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 PULASKI COUNTY													
31-33	Manufacturing	-	34	20	4 227	163 734	3 057	5 947	98 415	371 580	851 547	1 207 982	D
325	Chemical manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32592	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325920	Explosives manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	6	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF ROANOKE COUNTY													
31-33	Manufacturing	-	50	13	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	9	4	678	26 317	456	767	12 617	55 736	33 816	90 044	1 610
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	-	3	1	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	3	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
BALANCE OF ROCKBRIDGE COUNTY													
31-33	Manufacturing	-	23	11	1 887	53 334	1 616	3 379	39 741	123 908	268 700	386 947	9 450
314	Textile product mills	-	2	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	-	1	1	g	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF ROCKINGHAM COUNTY													
31-33	Manufacturing	-	69	23	i	D	D	D	D	D	D	D	182 810
311	Food manufacturing	-	13	8	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	8	6	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	8	6	h	D	D	D	D	D	D	D	D
311615	Poultry processing	-	4	4	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF SCOTT COUNTY													
31-33	Manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
BALANCE OF SHENANDOAH COUNTY													
31-33	Manufacturing	-	28	13	2 487	69 752	2 126	4 404	54 734	138 087	245 582	381 899	20 812
311	Food manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	3	1 078	24 660	981	2 136	22 269	35 116	119 983	154 651	D
31161	Animal slaughtering and processing	-	3	3	1 078	24 660	981	2 136	22 269	35 116	119 983	154 651	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

[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 SMYTH COUNTY													
31-33	Manufacturing	-	40	19	3 653	110 546	3 129	6 152	87 325	193 220	343 916	546 146	D
321	Wood product manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
32191	Millwork	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	931	25 526	812	1 504	22 781	47 759	136 685	188 677	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
336212	Truck trailer manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF SOUTHAMPTON COUNTY													
31-33	Manufacturing	-	18	10	2 526	128 379	2 061	4 526	101 401	551 472	373 759	880 773	51 238
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF SPOTSYLVANIA COUNTY													
31-33	Manufacturing	-	42	17	1 753	63 924	1 368	2 744	45 879	163 292	178 553	340 932	9 536
BALANCE OF STAFFORD COUNTY													
31-33	Manufacturing	1	40	6	674	19 538	503	1 022	13 838	58 615	60 139	119 964	7 539
BALANCE OF TAZEWELL COUNTY													
31-33	Manufacturing	1	30	9	526	18 084	347	654	9 214	46 183	47 062	93 430	D
BALANCE OF WASHINGTON COUNTY													
31-33	Manufacturing	1	54	23	2 068	63 095	1 608	3 254	40 267	193 849	181 178	367 936	D
BALANCE OF YORK COUNTY													
31-33	Manufacturing	-	39	7	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 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
VIRGINIA	
Companies ¹	number.. N
All establishments ²	number.. '5 909
Establishments with 1 to 19 employees	number.. 4 008
Establishments with 20 to 99 employees	number.. '1 273
Establishments with 100 employees or more	number.. 628
All employees ³	number.. '311 787
Total compensation	\$1,000.. '14 865 560
Annual payroll	\$1,000.. '11 632 963
Total fringe benefits	\$1,000.. '3 232 597
Production workers, average for year	number.. 229 590
Production workers on March 12	number.. 227 141
Production workers on May 12	number.. 231 781
Production workers on August 12	number.. 229 749
Production workers on November 12	number.. 229 237
Production worker hours1,000.. 462 114
Production worker wages	\$1,000.. 7 293 991
Total cost of materials	\$1,000.. '35 696 427
Materials, parts, containers, packaging, etc., used	\$1,000.. '31 829 483
Resales	\$1,000.. '1 839 689
Purchased fuels	\$1,000.. '593 865
Purchased electricity	\$1,000.. '768 513
Contract work	\$1,000.. '664 877
Quantity of electricity purchased for heat and power	1,000 kWh.. '18 650 255
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. '83 952 547
Value of resales	\$1,000.. '2 391 130
Value added	\$1,000.. '48 261 833
Total inventories, beginning of year	\$1,000.. '9 144 380
Finished goods inventories	\$1,000.. '2 864 472
Work-in-process inventories	\$1,000.. '1 765 634
Materials and supplies inventories	\$1,000.. '4 514 274
Total inventories, end of year	\$1,000.. '8 986 690
Finished goods inventories	\$1,000.. '2 823 284
Work-in-process inventories	\$1,000.. '1 744 050
Materials and supplies inventories	\$1,000.. '4 419 356
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '37 288 101
Total capital expenditures (new and used)	\$1,000.. '2 384 729
Buildings and other structures (new and used)	\$1,000.. '383 475
Machinery and equipment (new and used)	\$1,000.. '2 001 254
Automobiles, trucks, etc., for highway use	\$1,000.. '69 077
Computers and peripheral data processing equipment	\$1,000.. '140 817
All other expenditures for machinery and equipment	\$1,000.. '1 791 360
Total retirements	\$1,000.. '1 126 382
Gross value of depreciable assets at end of year	\$1,000.. '38 546 448
Depreciation charges during year	\$1,000.. '2 259 625
Total rental payments	\$1,000.. 568 606
Buildings and other structures	\$1,000.. 284 083
Machinery and equipment	\$1,000.. 284 523

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.