

County Profiles: Manufacturing

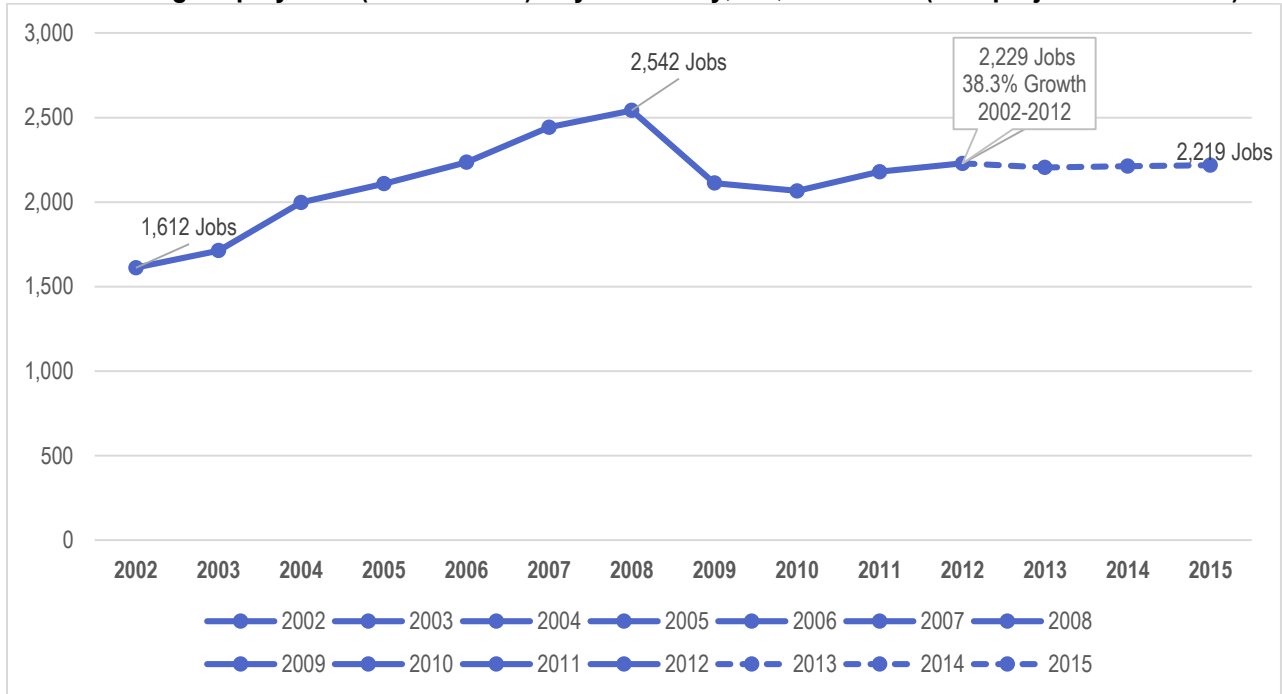


Wythe County, Virginia

Supplemental Reference Materials
Supporting:
**New River/ Mount Rogers Skills Gap
Analysis**

*Prepared by:
Virginia Tech Office of Economic
Development*

Manufacturing Employment (NAICS 31-33): Wythe County, VA, 2002-2012 (with projections to 2015)ⁱ



Manufacturing Employment (NAICS 31-33): Wythe County vs. Neighboring Regionsⁱⁱ

	2002 Jobs	2008 Jobs	2012 Jobs	Change 2002-2012 (#)	Change 2002-2012 (%)
Wythe County	1,612	2,542	2,229	617	38.3%
New River/Mount Rogers WIA 2	34,178	28,241	25,440	(8,738)	(25.6%)
Bluefield WV-VA, MSA	3,232	3,130	2,785	(447)	(13.8%)
Roanoke, VA MSA	19,196	16,719	14,758	(4,438)	(23.1%)
Kingsport-Bristol-Bristol, VA/TN (Minus WIA 2 Jurisdictions)	20,848	17,607	16,416	(4,432)	(21.3%)
Virginia	321,016	264,948	231,033	(89,983)	(28.0%)
United States	15,209,748	13,382,696	11,905,319	3,304,429	(21.7%)

Manufacturing Employment: Wythe County, VA, by NAICS 3-Digit Industryⁱⁱⁱ

LQ>1 = Above National Average Concentration of Employment

NAICS Code	Description	2008 Jobs	2009 Jobs	2010 Jobs	2011 Jobs	2012 Jobs	Change 2008-2012	2012 National Location Quotient
326	Plastics and Rubber Products Manufacturing	877	695	682	692	701	(176)	12.40
312	Beverage and Tobacco Product Manufacturing	558	560	582	633	619	61	36.90
336	Transportation Equipment Manufacturing	365	293	330	386	446	81	3.48
333	Machinery Manufacturing	181	141	149	176	193	12	2.00
335	Electrical Equipment, Appliance, and Component Manufacturing	89	119	108	120	113	24	3.47
332	Fabricated Metal Product Manufacturing	268	129	62	59	54	(214)	0.44
323	Printing and Related Support Activities	32	33	25	23	21	(11)	0.51
321	Wood Product Manufacturing	13	13	22	17	19	6	0.65
327	Nonmetallic Mineral Product Manufacturing	33	27	21	22	15	(18)	0.46
315	Apparel Manufacturing	55	52	25	24	14	(41)	1.06
314	Textile Product Mills	22	17	16	12	11	(11)	1.09
334	Computer and Electronic Product Manufacturing	0	0	0	0	<10	--	--
337	Furniture and Related Product Manufacturing	<10	<10	<10	<10	<10	--	--
339	Miscellaneous Manufacturing	0	0	<10	<10	<10	--	--
311	Food Manufacturing	0	0	0	0	<10	--	--
325	Chemical Manufacturing	33	11	<10	<10	<10	--	--
331	Primary Metal Manufacturing	13	22	35	0	0	(13)	0.00
Total		2,542	2,113	2,066	2,180	2,229	(313)	2.06

Manufacturing Earnings, by NAICS 3-Digit Industry: Wythe County, VA^{iv}

NAICS Code	Description	2013 Average Earnings Per Job (Bland)	2013 Average Earnings Per Job (Wythe)	2013 Average Earnings Per Job (New River/Mount Rogers WIA)	2013 Average Earnings Per Job (Bluefield VA-WV, MSA)	2013 Average Earnings Per Job (Virginia)	2013 Average Earnings Per Job (United States)
326	Plastics and Rubber Products Manufacturing	\$0	\$57,005	\$55,090	\$42,231	\$71,492	\$60,497
312	Beverage and Tobacco Product Manufacturing	--	\$70,825	\$62,515	\$53,501	\$88,801	\$77,328
336	Transportation Equipment Manufacturing	\$0	\$43,987	\$61,329	\$63,682	\$77,640	\$87,081
333	Machinery Manufacturing	\$0	\$50,496	\$56,073	\$65,276	\$72,122	\$79,734
335	Electrical Equipment, Appliance, and Component Manufacturing	\$74,226	\$40,090	\$74,867	\$52,755	\$78,739	\$85,017
332	Fabricated Metal Product Manufacturing	\$28,224	\$42,340	\$53,921	\$52,087	\$66,359	\$63,732
323	Printing and Related Support Activities	\$0	\$27,547	\$48,506	\$30,430	\$51,949	\$55,221
321	Wood Product Manufacturing	\$0	\$32,433	\$36,199	\$39,217	\$45,046	\$48,510
327	Nonmetallic Mineral Product Manufacturing	--	\$30,900	\$49,709	\$57,542	\$55,363	\$64,593
315	Apparel Manufacturing	\$0	\$15,266	\$26,538	\$0	\$33,649	\$45,352
314	Textile Product Mills	\$0	\$27,362	\$42,150	\$27,967	\$39,788	\$46,010
334	Computer and Electronic Product Manufacturing	\$92,058	--	\$67,258	\$35,733	\$105,679	\$119,790
337	Furniture and Related Product Manufacturing	\$0	\$23,085	\$37,127	--	\$43,443	\$49,025
339	Miscellaneous Manufacturing	\$58,561	--	\$46,827	\$47,408	\$71,120	\$82,536
311	Food Manufacturing	\$0	--	\$49,448	--	\$47,473	\$52,522
325	Chemical Manufacturing	\$0	--	\$77,672	\$74,937	\$95,670	\$117,339
331	Primary Metal Manufacturing	--	\$0	\$59,173	\$54,064	\$75,257	\$79,745
Total		\$72,214	\$55,487	\$57,919	\$54,859	\$68,357	\$77,540

Manufacturing Age Demographics, by NAICS 3-Digit Industry: Wythe County, VA^v

NAICS Code	Description	Age 14-18	Age 19-21	Age 22-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65-99
326	Plastics and Rubber Products Manufacturing	0	<10	13	108	202	236	136	12
312	Beverage and Tobacco Product Manufacturing	<10	<10	21	173	199	165	57	<10
336	Transportation Equipment Manufacturing	0	17	31	105	119	118	54	<10
333	Machinery Manufacturing	0	<10	<10	29	55	63	16	<10
335	Electrical Equipment, Appliance, and Component Manufacturing	0	<10	<10	15	26	20	<10	<10
332	Fabricated Metal Product Manufacturing	<10	<10	<10	<10	11	12	14	<10
323	Printing and Related Support Activities	0	0	0	<10	<10	<10	<10	0
321	Wood Product Manufacturing	0	0	0	<10	<10	<10	<10	0
327	Nonmetallic Mineral Product Manufacturing	0	0	0	0	<10	<10	0	0
315	Apparel Manufacturing	0	0	<10	<10	<10	<10	<10	<10
314	Textile Product Mills	0	0	0	<10	<10	<10	<10	0
334	Computer and Electronic Product Manufacturing	0	0	0	<10	<10	<10	<10	0
337	Furniture and Related Product Manufacturing	0	<10	0	<10	<10	<10	<10	0
339	Miscellaneous Manufacturing	0	0	0	0	0	<10	0	0
311	Food Manufacturing	0	0	0	<10	<10	<10	<10	0
325	Chemical Manufacturing	0	0	0	0	0	0	<10	0
331	Primary Metal Manufacturing	--	--	--	--	--	--	--	--
Total		<10	37	81	449	646	655	296	39

Staffing Patterns for Manufacturing Employers: Wythe County, Virginia (SOC: 2-Digit)^{vi}

SOC	Occupation Group	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
51-0000	Production Occupations	1,389	1,165	(224)	52.4%	\$14.94
53-0000	Transportation and Material Moving Occupations	259	249	(10)	11.3%	\$12.81
43-0000	Office and Administrative Support Occupations	252	215	(37)	9.5%	\$12.19
49-0000	Installation, Maintenance, and Repair Occupations	178	181	3	8.2%	\$14.63
41-0000	Sales and Related Occupations	125	122	(3)	5.5%	\$11.95
17-0000	Architecture and Engineering Occupations	89	81	(8)	3.5%	\$31.18
11-0000	Management Occupations	103	80	(23)	3.6%	\$30.79
13-0000	Business and Financial Operations Occupations	49	41	(8)	1.8%	\$21.13
47-0000	Construction and Extraction Occupations	21	22	1	1.0%	\$14.75
35-0000	Food Preparation and Serving Related Occupations	16	17	1	0.8%	\$9.25
37-0000	Building and Grounds Cleaning and Maintenance Occupations	16	15	(1)	0.7%	\$8.85
15-0000	Computer and Mathematical Occupations	15	12	(3)	0.5%	\$24.76
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	11	10	(1)	0.5%	\$19.71
45-0000	Farming, Fishing, and Forestry Occupations	<10	<10	--	0.3%	--
29-0000	Healthcare Practitioners and Technical Occupations	<10	<10	--	0.2%	--
19-0000	Life, Physical, and Social Science Occupations	<10	<10	--	0.1%	--
33-0000	Protective Service Occupations	<10	<10	--	0.1%	--
39-0000	Personal Care and Service Occupations	<10	<10	--	0.0%	--
Total		2,542	2,229	(313)	100.0%	--

Top Ten Production Occupations for Manufacturing: Wythe County, VA (SOC: 5-Digit)^{vii}

	SOC	Description	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
1.	51-2092	Team Assemblers	128	115	(13)	5.2%	\$10.70
2.	51-1011	First-Line Supervisors of Production and Operating Workers	121	109	(12)	4.9%	\$22.35
3.	51-9111	Packaging and Filling Machine Operators and Tenders	84	88	4	4.0%	\$13.63
4.	51-9197	Tire Builders	108	76	(32)	3.6%	\$17.04
5.	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	85	73	(12)	3.3%	\$12.82
6.	51-9198	Helpers-Production Workers	64	60	(4)	2.7%	\$9.58
7.	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	77	53	(24)	2.5%	\$13.23
8.	51-4041	Machinists	93	51	(42)	2.2%	\$14.14
9.	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders (Metal and Plastic)	47	49	2	1.2%	\$15.73
10.	51-4121	Welders, Cutters, Solderers, and Brazers	28	29	1	1.3%	\$14.19

Top Transportation and Material Moving Occupations for Manufacturing: Wythe County, VA (SOC: 5-Digit)^{viii}

	SOC	Description	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
1.	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	58	53	(5)	2.4%	\$10.84
2.	53-7051	Industrial Truck and Tractor Operators	42	41	(1)	1.9%	\$14.32
3.	53-3031	Driver/Sales Workers	35	39	4	1.8%	\$14.74
4.	53-3032	Heavy and Tractor-Trailer Truck Drivers	39	36	(3)	1.6%	\$17.90
5.	53-7064	Packers and Packagers, Hand	31	30	(1)	1.4%	\$9.86
6.	53-3033	Light Truck or Delivery Services Drivers	28	28	0	1.3%	\$11.30
7.	Other Titles (Each with <10 Employees): Machine Feeders and Offbearers; First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators; Cleaners of Vehicles and Equipment; First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand; Crane and Tower Operators; Conveyor Operators and Tenders; Taxi Drivers and Chauffeurs						

Top Office and Administrative Support Occupations for Manufacturing: Wythe County, VA (SOC: 5-Digit)^{ix}

	SOC	Description	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
1.	43-5071	Shipping, Receiving, and Traffic Clerks	50	42	(8)	1.8%	\$10.22
2.	43-9061	Office Clerks, General	41	35	(6)	1.5%	\$10.35
3.	43-5081	Stock Clerks and Order Fillers	32	32	0	1.4%	\$9.86
4.	43-4031	Bookkeeping, Accounting, and Auditing Clerks	29	25	(4)	1.1%	\$13.28
5.	43-4051	Customer Service Representatives	26	22	(4)	1.0%	\$11.82
6.	43-5061	Production, Planning, and Expediting Clerks	14	12	(2)	.5%	\$16.82
7.	43-1011	First-Line Supervisors of Office and Administrative Support Workers	13	11	(2)	.5%	\$17.82
8.	Other Titles (Each with <10 Employees): Secretaries and Administrative Assistants; Receptionists and Information Clerks; Executive Secretaries and Executive Administrative Assistants; Payroll and Timekeeping Clerks; Billing and Posting Clerks; Human Resources Assistants; Order Clerks; Weighers, Measurers, Checkers, and Samplers, Recordkeeping; Procurement Clerks; Dispatchers; Bill and Account Collectors; Mail Clerks; Data Entry Keyers						

Top Installation, Maintenance, and Repair Occupations for Manufacturing: Wythe County, VA (SOC: 5-Digit)*

	SOC	Description	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
1.	49-9041	Industrial Machinery Mechanics	63	69	6	3.2%	\$15.41
2.	49-9071	Maintenance and Repair Workers, General	51	49	(2)	2.2%	\$13.16
3.	49-9043	Maintenance Workers, Machinery	19	18	(1)	.8%	\$15.55
4.	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	17	17	0	.7%	\$22.35
5.	Other Titles (Each with <10 Employees): Bus and Truck Mechanics and Diesel Engine Specialists; Coin, Vending, and Amusement Machine Services and Repairers; Tire Repairers and Changers; Electrical and Electronics Repairers (Commercial and Industrial Equipment); Helpers-Installation, Maintenance, and Repair Workers; Heating, Air-Conditioning, and Refrigeration Mechanics and Installers; Automotive Service Technicians and Mechanics; Millwrights; Electrical and Electronics Installers and Repairers, Transportation Equipment; Installation, Maintenance, and Repair Workers-All Other; Mobile Heavy Equipment Mechanics; Electric Motor, Power Tool, and Related Repairers; Electronic Equipment Installers and Repairers- Motor Vehicles; Recreation Vehicle Service Technicians						

Top Architecture and Engineering Occupations for Manufacturing: Wythe County, VA (SOC: 5-Digit)^{xi}

	SOC	Description	2008 Jobs	2012 Jobs	Change Jobs 2008-2012 (#)	% of Total Jobs in Wythe County Manufacturing	Median Hourly Earnings (All Industries)
1.	17-2141	Mechanical Engineers	35	36	1	1.5%	\$35.19
2.	17-2112	Industrial Engineers	22	19	(3)	.8%	\$30.24
3.	Other Titles (Each with <10 Employees): Industrial Engineering Technicians; Electrical Engineers; Mechanical Engineering Technicians; Electrical and Electronics Engineering Technicians; Mechanical Drafters; Engineers-All Other; Electronics Engineers; Chemical Engineers; Materials Engineers; Electrical and Electronics Drafters; Architectural Engineers; Environmental Engineers; Electro-Mechanical Technicians						

References

- i Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- ii Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- iii Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- iv Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- v Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- vi Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- vii Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- viii Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- ix Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- x Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)
- xi Source: EmsiAnalyst. Version 2013.4 Class of Worker. QCEW Employment only. (QCEW: 2013 Q1)