



New River/Mount Rogers Skills Gap Analysis: County Data Profiles

Bland County, Virginia

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Part A: Economic and Demographic Data

Table I: Population, Employment, and Educational Attainment Trendsⁱ

Population Data		
Population	6,871	
Population between the Ages of 25 and 64	4,062	
Population Change (2002-2012)	-39	
Employment and Income Data		
Population Participating in the Labor Force	2,937 (Estimate 42.7% of Population)	
Unemployment Rate	5.1%	
Per Capita Income	\$30,495	
Education Attainment (Population Est.)		
Less than 9 th Grade	499 (12.3%)	
9 th -12 th Grade, No Diploma	486 (12.0%)	
High School Graduate	2,237 (55.1%)	
Some College, no degree	897 (22.1%)	
Associate's Degree	588 (14.5%)	
Bachelor's Degree	351 (8.6%)	
Graduate or Professional Degree	219 (5.4%)	
Employment by Educational Attainment (25-64 Years Old)		
	<i>Estimated Number in Labor Force</i>	<i>Percentage in Labor Force Who Are Employed</i>
Less than High School Graduate	68	100%
High School Graduate	963	89.9%
Some College or Associate's Degree	984	99.1%
Bachelor's Degree or Higher	402	100%

Part B: Industry Data

Figure I: Industry Employment Trends (NAICS 2-Digit)ⁱⁱ

LQ: >1= Above National Average Concentration of Employment

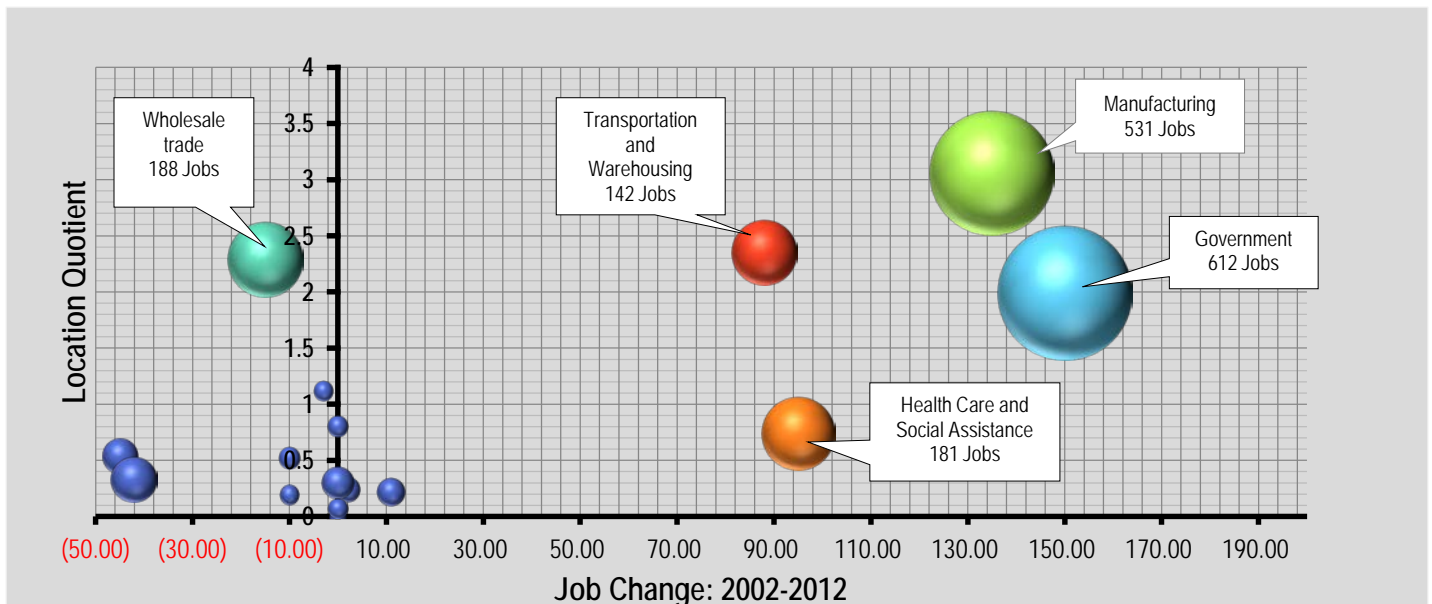


Table II: Top Ten Industries for Employment, by NAICS 3-Digitⁱⁱⁱ

	2002 Jobs	2012 Jobs	Change Jobs (2002-2012)	% of Change (2002-2012)	Average Wages, Salaries, & Proprietor Earnings
Electrical Equipment, Appliance, and Component Mfg.	393	424	31	8%	\$53,995
State Government	230	364	134	58%	\$59,633
Local Government	213	235	22	10%	\$35,502
Merchant Wholesalers, Nondurable Goods	192	173	(-19)	(-10%)	\$51,075
Support Activities for Transportation	15	131	116	773%	\$16,838
Ambulatory Health Care Services	27	81	54	200%	\$48,381
Nursing and Residential Care Facilities	13	67	54	415%	\$26,032
Computer and Electronic Product Mfg.	<10	52	+ At least 43 Jobs	--	\$76,123
Specialty Trade Contractors	78	44	(-34)	(-44%)	\$31,630
Gasoline Stations	77	42	(-35)	(-45%)	\$15,591

Table III: Worker Age Demographics (Manufacturing and Health Care and Social Assistance)^{iv}

	Manufacturing		Health Care & Social Assistance	
	Jobs (2013)	% of Total	Jobs (2013)	% of Total
14-18 Years	<10	0.3%	<10	.7%
19-21 Years	<10	0.5%	<10	4.3%
22-24 Years	15	2.9%	<10	3.2%
25-34 Years	105	20.5%	42	21.2%
35-44 Years	138	27.0%	48	24.4%
45-54 Years	140	27.4%	39	19.7%
55-64 Years	102	20.1%	39	19.8%
65+ Years	<10	1.3%	13	6.7%

Part C: Occupation Data

Table IV: Top Ten Occupations (SOC 5-Digit)^v

Occupation		Jobs (2012)	Job Change (2002-2012)	% of All Jobs in County	Median Hourly Earnings (Region)	Educational Attainment (National)
1.	Correctional Officers and Jailers	84	42	4.38%	\$16.12	Moderate-term on-the-job training
2.	Heavy and Tractor-Trailer Truck Drivers	71	36	3.70%	\$14.50	Short-term on-the-job training
3.	Office Clerks, General	58	15	3.02%	\$12.12	Short-term on-the-job training
4.	Electrical and Electronic Equipment Assemblers	57	7	2.97%	\$15.01	Short-term on-the-job training
5.	Coil Winders, Tapers, and Finishers	42	4	2.19%	\$16.69	Short-term on-the-job training
6.	Cashiers	41	(-22)	2.14%	\$8.40	Short-term on-the-job training
7.	Team Assemblers	34	7	1.77%	\$11.89	Moderate-term on-the-job training
8.	Laborers and Freight, Stock, and Material Movers, Hand	33	9	1.72%	\$11.40	Short-term on-the-job training
9.	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29	1	1.51%	\$23.56	Moderate-term on-the-job training
10.	Bookkeeping, Accounting, and Auditing Clerks	29	7	1.51%	\$15.49	Moderate-term on-the-job training
	Total for top 10 Jobs	478	106	24.91%	**	**
	Total for County All Jobs	1,919	399	**	\$18.12	**

Table V: Industry Staffing Patterns for County's Top Ten Occupations for Employment (2012)^{vi}

Occupation		Jobs (2012)	Top Regional Subsectors for Occupation Employment		
			Sector (NAICS 3-Digit)	% of Occupation Employed in this Industry Subsector	% of Jobs in Industry Sector
1.	Correctional Officers and Jailers	84	State Government	93.0%	21.2%
			Local Government	7.0%	2.5%
2.	Heavy and Tractor-Trailer Truck Drivers	71	Support Activities for Transportation	81.7%	43.7%
			Truck Transportation	7.9%	55.5%
			Merchant Wholesalers, Nondurable Goods	2.8%	1.2%
3.	Office Clerks, General	58	State Government	24.4%	3.8%
			Support Activities for Transportation	12.9%	5.5%
			Electrical Equipment, Appliance, and Component Manufacturing	11.9%	1.7%
4.	Electrical and Electronic Equipment Assemblers	57	Electrical Equipment, Appliance, and Component Manufacturing	92.0%	12.6%
			Computer and Electronic Product Manufacturing.	7.7%	8.1%
5.	Coil Winders, Tapers, and Finishers	42	Electrical Equipment, Appliance and Component Manufacturing.	99.1%	9.5%
			Computer and Electronic Product Manufacturing	0.8%	0.6%
6.	Cashiers	41	Gasoline Stations	71.5%	69.7%
			General Merchandise Stores	8.8%	26.1%
			Support Activities for Transportation	6.7%	2.0%
7.	Team Assemblers	34	Electrical Equipment, Appliance, and Component Manufacturing	77.5%	6.4%
			Computer and Electronic Product Manufacturing	9.5%	6.0%
			Merchant Wholesalers, Nondurable Goods	4.0%	0.8%
8.	Laborers and Freight, Stock, and Material Movers, Hand	33	Support Activities for Transportation	34.0%	8.3%
			Merchant Wholesalers, Nondurable Goods	31.5%	6.1%
			Electrical Equipment, Appliance and Component Manufacturing	16.8%	1.4%
9.	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	29	Merchant Wholesalers, Nondurable Goods	56.3%	9.7%
			Electrical Equipment, Appliance, and Component Manufacturing	21.7%	1.6%
			Merchant Wholesalers, Durable Goods	10.5%	1.2%
10.	Bookkeeping, Accounting, and Auditing Clerks	29	Electrical Equipment, Appliance, and Component Manufacturing	20.6%	1.5%
			Merchant Wholesalers, Nondurable Goods	17.0%	2.8%
			State Government	14.0%	1.1%

Part D: Education Data

Section I: Primary and Secondary School Data

Table VI: SOL Pass/Fail Rates for Elementary and Middle School – Bland County (All)^{vii}

Grade	English: Reading		English: Writing		Mathematics		Science		History and Social Science	
	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
Grade 3	53	47	N/A	N/A	30	70	70	30	82	18
<i>Virginia Average</i>	72	28	N/A	N/A	65	35	84	16	87	13
Grade 5	74	26	78	22	59	41	76	24	<	<
<i>Virginia Average</i>	73	27	71	29	69	31	75	25	82	18
Grade 8	60	40	52	48	37	63	62	38	<	<
<i>Virginia Average</i>	71	29	70	30	61	39	76	24	81	19

Table VII: SOL Pass/Fail Rates, by High School^{viii}

	Virginia		Bland County (County-Wide)		Bland High School		Rocky Gap High School	
	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail
English Reading	89	11	91	9	90	10	92	8
English Writing	87	13	81	19	82	18	80	20
Algebra I	76	24	68	32	66	34	73	27
Geometry I	76	24	69	31	73	27	66	34
Algebra II	76	24	60	40	37	63	74	26
Biology	83	17	81	19	90	10	76	24
Chemistry	86	14	77	23	79	21	76	24
Earth Science	83	17	88	12	89	11	88	13

Table VIII: Four-Year Virginia On-Time Graduation Rate (AY: 2012-2013)^{ix}

	Cohort Size	Advanced Studies Diploma	Standard Diploma	Modified Standard Diploma	Special Diploma	General Achievement Diploma	Virginia On-Time Graduation Rate
All Students	77	12	58	0	<	0	94.8
<i>Economically Disadvantaged anytime</i>	40	<	31	0	<	0	90
<i>Homeless anytime</i>	<	0	0	0	0	0	<
Virginia On-Time Graduation Rate (All Students)							89.1%

Table IX: Trends for Program Completion (AY: 2010-2011 to AY: 2012-2013)^x

Count/ Percentage	2010-2011	2011-2012	2012-2013	Virginia (%) for 2011-2012*
	Advanced Diploma	20 / 28.17%	25 / 35.21%	12 / 15.79%
GED/ISAEP	-	<	<	2.02%
Modified Standard Diploma	<	<	<	2.01%
Special Diploma	<	<	<	2.56%
Standard Diploma	46 / 64.79%	40 / 56.34%	58 / 76.32%	39.77%

Table X: Advanced Program Information^{xi}

Program type	2010-2011	2011-2012	2012-2013	Virginia (%) for 2011-2012
Advanced Placement Course Enrollment	<	<	<	20.38%
Dual Enrollment Courses Taken	40 / 13.33%	28 / 9.09%	37 / 12.29%	6.73%

Table XI: Career and Technical Education Trends (AY 2010-2011 to AY: 2012-2013)^{xii}

Count		2010-2011	2011-2012	2012-2013
NOCTI Assessments	Bland County	17	24	15
	State	4,664	4,250	4,577
State Licensures	Bland County	4	1	1
	State	880	707	673
Industry Certification	Bland County	20	29	14
	State	28,586	32,582	39,658
Workplace Readiness	Bland County	0	10	25
	State	2,589	13,653	21,312
Total Credentials Earned	Bland County	41	64	55
	State	36,719	51,192	66,220
Students Earning One or More Credentials	Bland County	38	59	50
	State	30,613	42,218	56,247
CTE Completers	Bland County	59	50	70
	State	41,329	41,677	40,761

Table XII: Trends for Teacher Education Attainment, by % (All Bland County School Division)^{xiii}

	2010-2011	2011-2012	2012-2013
Bland County			
Bachelor's Degree	53%	51%	55%
Master's Degree	46%	48%	44%
Doctoral Degree	1%	1%	1%
Virginia			
Bachelor's Degree	42%	42%	42%
Master's Degree	56%	55%	55%
Doctoral Degree	1%	1%	1%

Section II: Postsecondary Education Completion Data

Table XIII: Completions at Regional Community College Institutions During AY: 2012-2013, by Student County/City of Origin (Bland County)^{xiv}

Type of Credential	New River Community College	Wytheville Community College	Virginia Highlands College
Less than 1 Year	0	3	0
1-2 Years	0	30	0
Associate's (Bachelor's Credit)	0	16	0
Associate's (Technical Credit)	5	8	0
# of County/City Students Transferring from Institution to a Public/Private Non-Profit Institution in Virginia	Data Update Forthcoming		

Table XIV: Completions at Regional 4-Year Public and Non-Profit Institutions During AY: 2012-2013, by Student County/City of Origin (Bland County)^{xv}

Type of Credential	Virginia Tech	Radford University	Emory and Henry College	Virginia Intermont	All Virginia Public 4+ Year Institutions	All Virginia Private Non-Profit 4+ Year Institutions
Associate's Degree	0	N/A	N/A	N/A	Data Update Forthcoming	
Bachelor's 4-Year	5	3	0	0	11	4
Bachelor's 5-Year	0	N/A	N/A	N/A	0	N/A
Master's Degree	0	1	0	N/A	Data Update Forthcoming	
Doctoral Degree	0	N/A	N/A	N/A	Data Update Forthcoming	

ⁱ Source: U.S. Census Bureau. American Community Survey. 5-Year Estimates (2007-2011).

ⁱⁱ Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.

ⁱⁱⁱ Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.

^{iv} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.

^v Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.

^{vi} Source: emsiAnalyst. 2013.4 Class of Worker Data. QCEW.

^{vii} Source: Virginia Department of Education School Report Cards.

^{viii} Source: Virginia Department of Education School Report Cards.

^{ix} Source: Virginia Department of Education School Report Cards.

^x Source: Virginia Department of Education School Report Cards. Data not available for AY: 2012-2013.

^{xi} Source: Virginia Department of Education School Report Cards. Data not available for AY: 2012-2013.

^{xii} Source: Virginia Department of Education School Report Cards.

^{xiii} Source: Virginia Department of Education School Report Cards.

^{xiv} Source: State Council of Higher Education for Virginia. Virginia College Navigator. Data for Localities and College to University.

^{xv} Source: State Council of Higher Education for Virginia. Virginia College Navigator. Data for Localities and College to University.