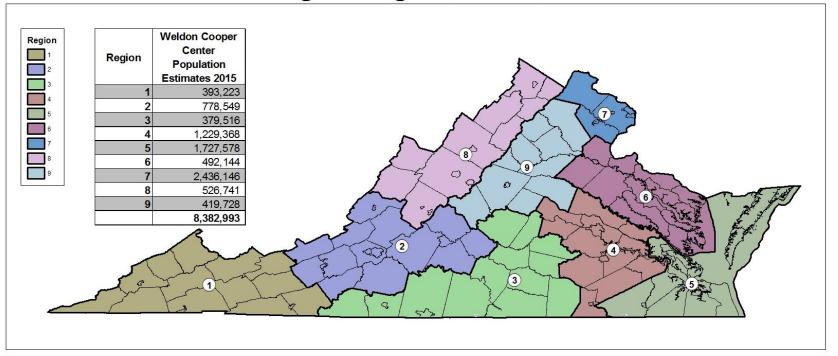


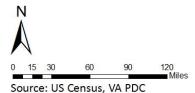
### REGIONAL BASELINE MEASURES REGION 1





#### **GO Virginia Regional Boundaries**









## Region 1

#### Counties of:

• Bland, Buchanan, Carroll, Dickenson, Grayson, Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe

#### Cities of:

• Bristol, Galax, Norton



#### **Data Included**

- Population
  - Population Trends
- Income and Wealth
  - Per Capita Income
  - Percent of Population in Poverty
- Employment
  - Total Employment
  - Unemployment Rate
- Industry
  - Employment Trends by Industry Sector
  - Relative Concentration (Location Quotients) by Sector
  - Wages by Industry Sector



#### Data Included

#### Labor Force

- Labor Force Participation Rate
- Commuting inflow/outflow
- Educational Attainment

#### Firm Growth

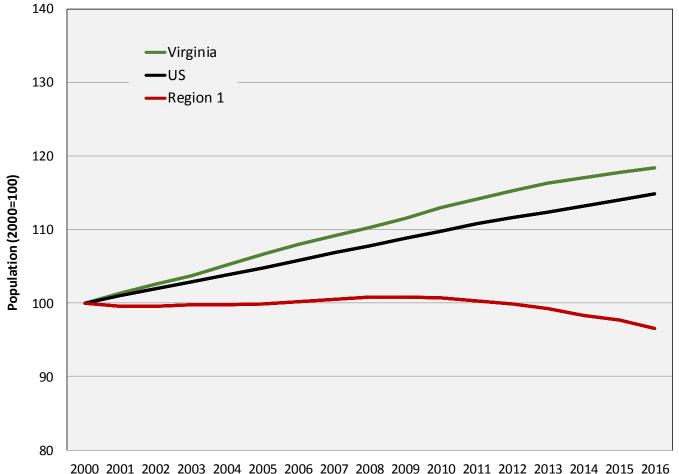
- Jobs Created by Young Companies (5 years old or less)
- Jobs Created by Small Companies (less than 20 employees)
- Sole Proprietorships



## Population



### **Population Trends**



2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2010 Source: US Census Bureau, Population Estimates Programs



### **Population Trends**

**Population Trends: Region 1** 

Topulation Frends	2000	2010	2016	Annual Growth (00-10)	Annual Growth (10-16)
United States	281,424,600	308,745,538	323,127,513	0.9%	0.8%
Virginia	7,105,817	8,025,773	8,411,808	1.2%	0.8%
Region 1	<i>398,740</i>	401,712	385,045	0.1%	-0.7%
Bland	6,833	6,811	6,513	0.0%	-0.7%
Buchanan	26,838	24,041	22,178	-1.1%	-1.3%
Carroll	29,264	30,066	29,531	0.3%	-0.3%
Dickenson	16,322	15,870	14,968	-0.3%	-1.0%
Grayson	16,782	15,499	15,107	-0.8%	-0.4%
Lee	23,548	25,530	24,179	0.8%	-0.9%
Russell	29,251	28,856	27,370	-0.1%	-0.9%
Scott	23,351	23,131	21,930	-0.1%	-0.9%
Smyth	33,079	32,187	31,062	-0.3%	-0.6%
Tazewell	44,418	45,147	42,150	0.2%	-1.1%
Washington	51,230	54,891	54,214	0.7%	-0.2%
Wise	42,077	41,617	39,228	-0.1%	-1.0%
Wythe	27,621	29,226	29,016	0.6%	-0.1%
Bristol city	17,289	17,852	16,960	0.3%	-0.9%
Galax city	6,921	7,020	6,775	0.1%	-0.6%
Norton city	3,916	3,968	3,864	0.1%	-0.4%

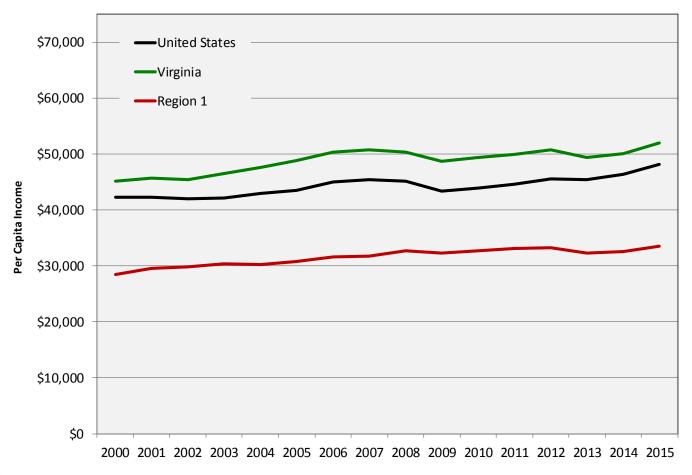
Source: US Census Bureau, Population Estimates Programs



### Income and Wealth



### Per Capita Income



Source: US Bureau of Economic Analysis, PCI adjusted for 2015 dollars



### Per Capita Income

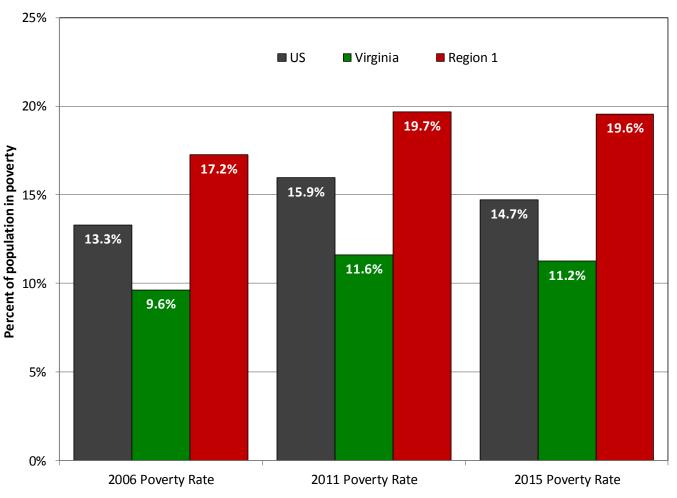
Per Capita Income: Region 1

·	2000	2010	2015	Annual Growth (00-10)	Annual Growth (10-15)
United States	\$42,231	\$43,902	\$48,112	0.4%	1.5%
Virginia	\$45,144	\$49,421	\$52,052	0.9%	0.9%
Region 1	\$28,453	\$32,637	\$33,475	1.4%	0.4%
Bland	\$25,405	\$30,344	\$32,752	1.8%	1.3%
Buchanan	\$28,196	\$32,699	\$32,032	1.5%	-0.3%
Carroll + Galax, VA*	\$28,816	\$30,885	\$32,642	0.7%	0.9%
Dickenson	\$24,261	\$31,048	\$28,443	2.5%	-1.4%
Grayson	\$26,492	\$29,609	\$29,627	1.1%	0.0%
Lee	\$25,271	\$28,311	\$27,219	1.1%	-0.7%
Russell	\$26,513	\$31,840	\$32,047	1.8%	0.1%
Scott	\$25,605	\$29,338	\$30,767	1.4%	0.8%
Smyth	\$28,490	\$30,603	\$34,090	0.7%	1.8%
Tazewell	\$28,905	\$34,150	\$34,121	1.7%	0.0%
Washington + Bristol, VA*	\$33,702	\$37,603	\$40,787	1.1%	1.4%
Wise + Norton, VA*	\$26,622	\$32,697	\$29,829	2.1%	-1.5%
Wythe	\$29,082	\$32,434	\$35,120	1.1%	1.3%

Source: US Bureau of Economic Analysis, PCI adjusted for 2015 dollars 2015.



# Percent of Population in Poverty



Source: US Census Bureau, Small Area Income and Poverty Estimates



# Percent of Population in Poverty

**Poverty Trends: Region 1** 

	2006	2011	2015
	Poverty	Poverty	Poverty
	Rate	Rate	Rate
United States	13.3%	15.9%	14.7%
Virginia	9.6%	11.6%	11.2%
Region 1	17.2%	19.7%	19.6%
Bland	13.0%	14.4%	13.6%
Buchanan	22.9%	24.3%	28.8%
Carroll	13.9%	19.9%	15.0%
Dickenson	19.2%	21.8%	25.0%
Grayson	15.9%	18.6%	20.1%
Lee	22.4%	27.6%	25.9%
Russell	17.4%	23.5%	21.2%
Scott	17.7%	18.7%	19.2%
Smyth	15.5%	19.4%	18.1%
Tazewell	16.5%	17.6%	17.2%
Washington	12.9%	12.8%	16.3%
Wise	20.1%	22.8%	22.7%
Wythe	14.6%	14.3%	14.4%
Bristol city	21.4%	25.8%	19.3%
Galax city	23.0%	22.9%	24.2%
Norton city	20.3%	20.5%	23.7%

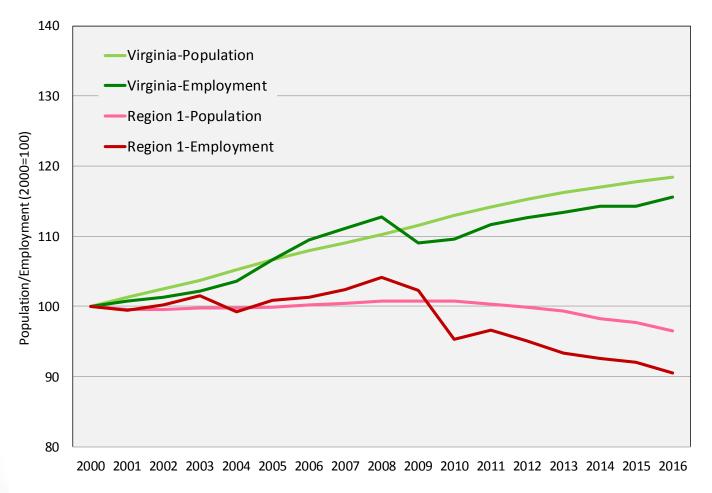
Source: US Census Bureau, Small Area Income and Poverty Estimates



## Employment



### **Total Employment**



Source: US Census Bureau Population Estimates, US Bureau of Labor Statistics Local Area Unemployment Statistics (2016 preliminary)



### **Total Employment**

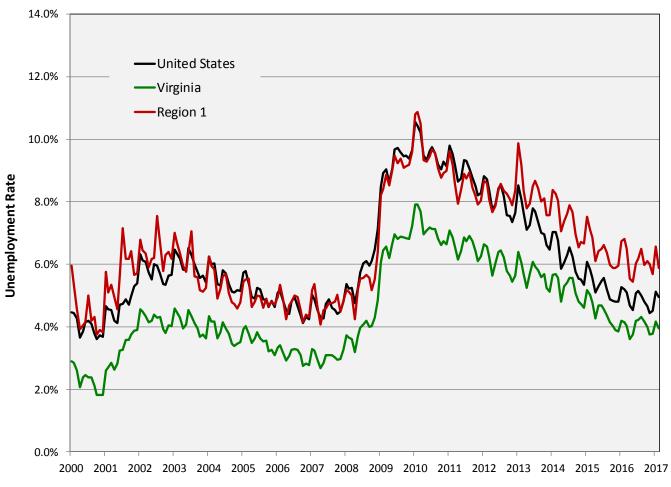
**Employment Trends: Region 1** 

·	2000	2010	2016	Annual Growth (00-10)	Annual Growth (10-16)
United States	136,891,000	139,064,000	151,436,000	0.2%	1.4%
Virginia	3,522,865	3,860,386	4,070,260	0.9%	0.9%
Region 1	165,380	157,649	149,694	-0.5%	-0.9%
Bland	2,779	2,646	2,616	-0.5%	-0.2%
Buchanan	8,223	7,497	6,228	-0.9%	-3.0%
Carroll	14,215	12,390	12,364	-1.4%	0.0%
Dickenson	5,052	4,934	4,226	-0.2%	-2.5%
Grayson	7,678	6,455	6,592	-1.7%	0.4%
Lee	8,456	9,325	7,905	1.0%	-2.7%
Russell	11,248	10,844	10,573	-0.4%	-0.4%
Scott	9,394	9,219	9,135	-0.2%	-0.2%
Smyth	15,171	12,046	12,911	-2.3%	1.2%
Tazewell	18,022	16,779	14,874	-0.7%	-2.0%
Washington	24,240	25,239	25,835	0.4%	0.4%
Wise	15,467	15,561	12,121	0.1%	-4.1%
Wythe	13,546	12,687	12,828	-0.7%	0.2%
Bristol city	7,273	7,274	7,153	0.0%	-0.3%
Galax city	3,189	2,825	2,774	-1.2%	-0.3%
Norton city	1,427	1,928	1,559	3.1%	-3.5%

Source: US Census Bureau Population Estimates, US BLS Local Area Unemployment Statistics (2016 prelin



### **Unemployment Rate**



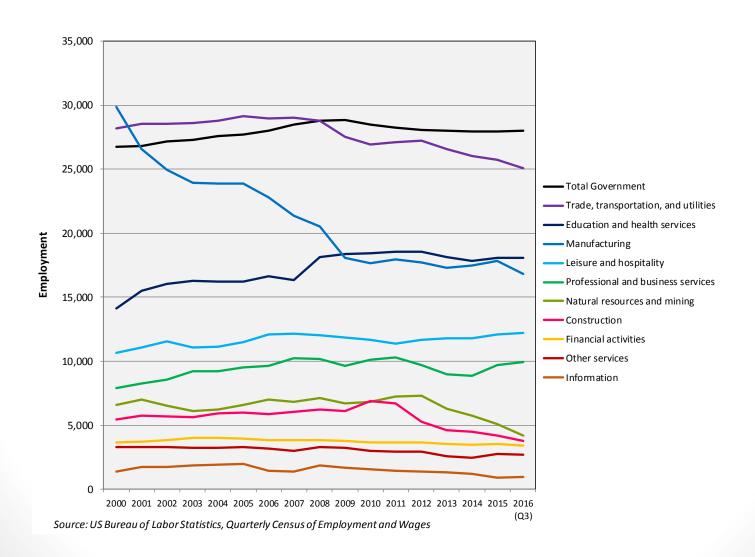
Source: US Bureau of Labor Statistics, Local Area Unemployment Statistics



## Industry



# Employment Trends by Industry Sector





# Employment Trends by Industry Sector

Region 1: Industry Sectors, 2015\*

Sector	Employment#	LQ	Region 1 Avg Wage	US Avg Wage
Trade, transportation, and utilities	25,731	1.04	\$28,125	\$44,321
Local government	18,941	1.47	\$31,280	\$47,573
Education and health services	18,088	0.93	\$36,628	\$47,383
Manufacturing	17,859	1.57	\$42,236	\$64,305
Leisure and hospitality	12,109	0.87	\$14,242	\$21,807
Professional and business services	9,718	0.53	\$40,762	\$69,270
State government	7,577	1.79	\$37,777	\$55,878
Natural resources and mining	5,109	2.76	\$64,625	\$58,461
Construction	4,213	0.71	\$38,412	\$57,009
Financial activities	3,530	0.49	\$38,101	\$87,915
Other services	2,771	0.69	\$30,665	\$35,116
Federal government	1,450	0.57	\$57,494	\$77,900
Information	918	0.36	\$43,195	\$95,098

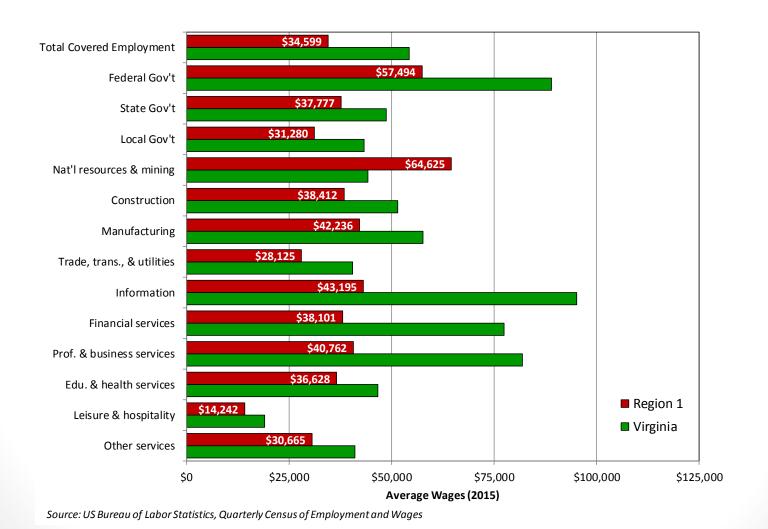
Source: US Bureau of Labor Statistics, Quarterly Census of Employment and Wages

#Does not include suppressed employment

<sup>\*2015</sup> is the most recently available complete year



### Industry Wages by Sector

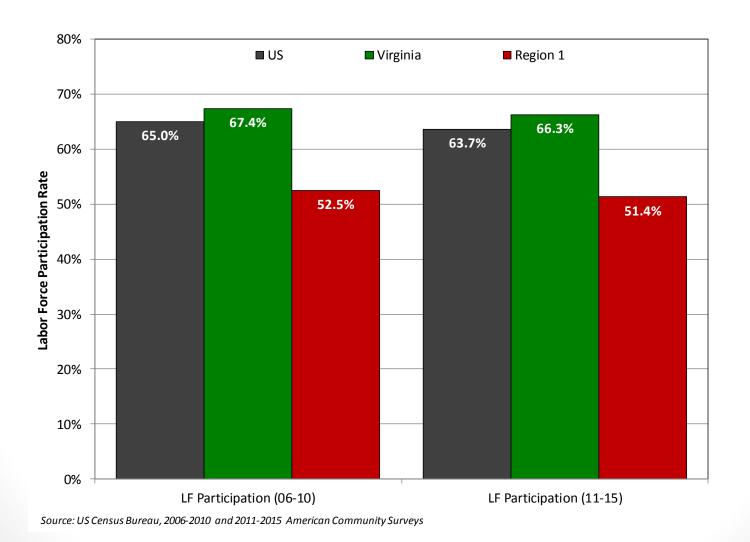




### Labor Force



## Labor Force Participation Rate







## Labor Force Participation Rate

**Labor Force Participation Rate: Region 1** 

	LF Participation (06-10)	LF Participation (11-15)
United States	65.0%	63.7%
Virginia	67.4%	66.3%
Region 1	52.5%	51.4%
Bland	50.1%	48.1%
Buchanan	41.2%	40.1%
Carroll	56.9%	56.6%
Dickenson	40.3%	43.6%
Grayson	54.1%	52.4%
Lee	48.8%	43.3%
Russell	51.6%	47.5%
Scott	52.1%	50.1%
Smyth	53.5%	54.3%
Tazewell	51.2%	50.3%
Washington	57.7%	57.6%
Wise	49.0%	46.6%
Wythe	61.4%	58.7%
Bristol city	57.0%	57.5%
Galax city	53.0%	54.2%
Norton city	60.6%	62.0%

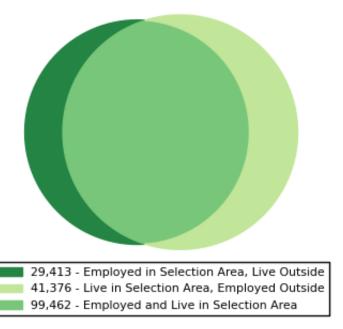
Source: US Census Bureau, 2006-2010 and 2011-2015 American Community Surveys 2





#### Commuting (Inflow/Outflow)

Inflow/Outflow Job Counts in 2014



#### Inflow/Outflow Job Counts (Primary Jobs): Region 1

	20	14
	Count	Share
Employed in the Selection Area	128,875	100.00%
Employed in the Selection Area but Living Outside	29,413	22.80%
Employed and Living in the Selection Area	99,462	77.20%
Living in the Selection Area	140,838	100.00%
Living in the Selection Area but Employed Outside	41,376	29.40%
Living and Employed in the Selection Area	99,462	70.60%

Source: US Census Bureau, Longitudinal Employer-Household Dynamics OnTheMap, 2014





### Commuting (Inflow/Outflow)

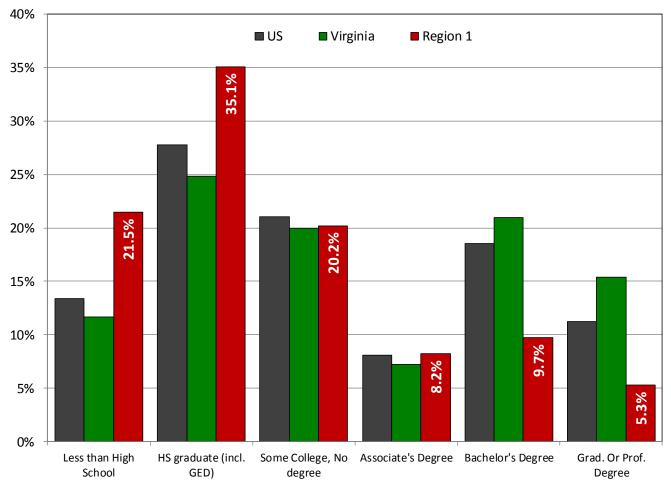
**Commuting Patterns: Region 1** 

	Employed in Selection Area	Selection	ed in the n Area but Outside	Employed and Living in the Selection Area		Living in the		Living in the Selection Area	Living in the Selection Area but Employed Outside		Employe	g and ed in the on Area
Virginia	3,313,939	286,033	8.6%	3,027,906	91.4%	3,377,666	349,760	10.4%	3,027,906	89.6%		
Region 1	128,875	29,413	22.8%	99,462	77.2%	140,838	41,376	29.4%	99,462	70.6%		
Bland	2,016	1,313	65.1%	703	34.9%	2,865	2,162	75.5%	703	24.5%		
Buchanan	6,989	3,702	53.0%	3,287	47.0%	7,525	4,238	56.3%	3,287	43.7%		
Carroll	6,054	2,840	46.9%	3,214	53.1%	10,886	7,672	70.5%	3,214	29.5%		
Dickenson	1,196	701	58.6%	495	41.4%	3,965	3,470	87.5%	495	12.5%		
Grayson	2,199	1,014	46.1%	1,185	53.9%	5,829	4,644	79.7%	1,185	20.3%		
Lee	4,360	1,830	42.0%	2,530	58.0%	8,559	6,029	70.4%	2,530	29.6%		
Russell	6,270	3,755	59.9%	2,515	40.1%	9,318	6,803	73.0%	2,515	27.0%		
Scott	4,493	2,621	58.3%	1,872	41.7%	7,986	6,114	76.6%	1,872	23.4%		
Smyth	11,403	5,186	45.5%	6,217	54.5%	11,596	5,379	46.4%	6,217	53.6%		
Tazewell	15,591	8,485	54.4%	7,106	45.6%	15,916	8,810	55.4%	7,106	44.6%		
Washington	21,259	12,425	58.4%	8,834	41.6%	20,425	11,591	56.7%	8,834	43.3%		
Wise	12,992	7,793	60.0%	5,199	40.0%	11,866	6,667	56.2%	5,199	43.8%		
Wythe	10,731	5,445	50.7%	5,286	49.3%	11,541	6,255	54.2%	5,286	45.8%		
Bristol city	11,165	9,234	82.7%	1,931	17.3%	6,515	4,584	70.4%	1,931	29.6%		
Galax city	5,699	4,731	83.0%	968	17.0%	2,466	1,498	60.7%	968	39.3%		
Norton city	3,982	3,535	88.8%	447	11.2%	1,361	914	67.2%	447	32.8%		

Source: US Census Bureau, Longitudinal Employer-Household Dynamics OnTheMap, 2014



#### **Educational Attainment**



Source: US Census Bureau, 2011-2015 American Community Survey



#### **Educational Attainment**

**Educational Attainment: Region 1** 

2006-2010 2011-2015

				0-2010			2011-2013					
		HS	Some					HS	Some			
	Less than	graduate	College,			Grad. Or	Less than	graduate	College,			Grad. Or
	High	(incl.	No	Associate's	Bachelor's	Prof.	High	(incl.	No	Associate's	Bachelor's	Prof.
	School	GED)	degree	Degree	Degree	Degree	School	GED)	degree	Degree	Degree	Degree
United States	14.9%	29.0%	20.6%	7.5%	17.6%	10.3%	13.3%	27.8%	21.1%	8.1%	18.5%	11.2%
Virginia	13.9%	26.0%	19.6%	6.7%	19.9%	13.9%	11.7%	24.8%	19.9%	7.3%	21.0%	15.4%
Region 1	26.1%	34.1%	18.7%	7.7%	9.2%	4.4%	21.5%	35.1%	20.2%	8.2%	9.7%	5.3%
Bland	17.0%	40.5%	18.3%	12.1%	7.6%	4.4%	14.7%	39.5%	23.8%	7.9%	10.6%	3.5%
Buchanan	36.3%	31.5%	17.2%	6.1%	5.5%	3.3%	30.2%	34.4%	19.2%	6.4%	6.7%	3.2%
Carroll	27.6%	35.5%	17.4%	7.8%	8.1%	3.6%	20.2%	34.5%	19.9%	10.9%	10.5%	4.0%
Dickenson	35.8%	36.6%	14.5%	4.5%	5.1%	3.5%	24.9%	35.6%	20.8%	7.7%	6.5%	4.6%
Grayson	26.6%	35.4%	19.4%	8.3%	8.2%	2.1%	21.4%	41.1%	18.0%	9.5%	7.1%	2.8%
Lee	28.6%	32.1%	20.1%	7.3%	8.2%	3.8%	25.5%	33.6%	22.6%	6.3%	7.6%	4.5%
Russell	28.6%	35.4%	17.3%	7.9%	7.7%	3.0%	23.4%	36.7%	19.5%	8.0%	8.0%	4.4%
Scott	26.4%	39.4%	14.9%	9.0%	6.4%	3.9%	23.5%	36.2%	21.8%	6.7%	8.1%	3.6%
Smyth	24.3%	36.4%	16.5%	8.1%	10.0%	4.6%	18.2%	38.8%	20.6%	7.3%	9.2%	5.8%
Tazewell	24.4%	33.1%	20.3%	7.8%	10.1%	4.2%	20.8%	35.8%	20.5%	9.4%	8.5%	5.0%
Washington	19.6%	32.6%	19.6%	7.6%	13.4%	7.1%	15.9%	32.9%	19.0%	8.8%	14.4%	8.9%
Wise	29.7%	34.4%	18.8%	5.8%	7.9%	3.5%	26.0%	32.4%	20.7%	6.9%	9.0%	5.0%
Wythe	22.9%	33.3%	20.5%	9.3%	9.3%	4.6%	18.8%	36.4%	19.4%	9.4%	9.8%	6.1%
Bristol city	20.2%	29.8%	21.7%	8.5%	13.6%	6.1%	17.6%	32.8%	18.7%	7.6%	16.1%	7.3%
Galax city	26.5%	30.1%	23.2%	7.6%	8.6%	4.1%	27.7%	33.7%	20.3%	6.8%	8.2%	3.4%
Norton city	22.4%	23.7%	23.9%	9.4%	13.0%	7.6%	18.0%	19.4%	29.0%	14.0%	14.3%	5.3%

Source: US Census Bureau, 2006-2010 and 2011-2015 American Community Surveys

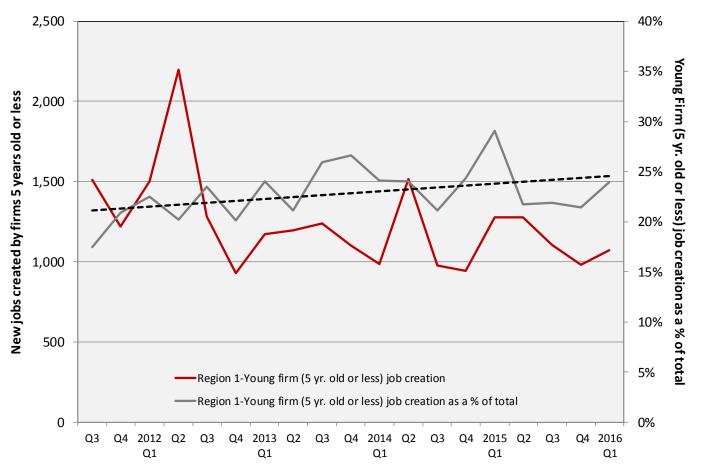


### Firm Growth



# Jobs Created by Young Companies

(5 years old or less)



Source: Source: US Census Bureau, Longitudinal Employer-Household Dynamics, Quarterly Workforce Indicators



# Jobs Created by Young Companies

(5 years old or less)

Region 1: Young firm (5 yrs old or less) job creation

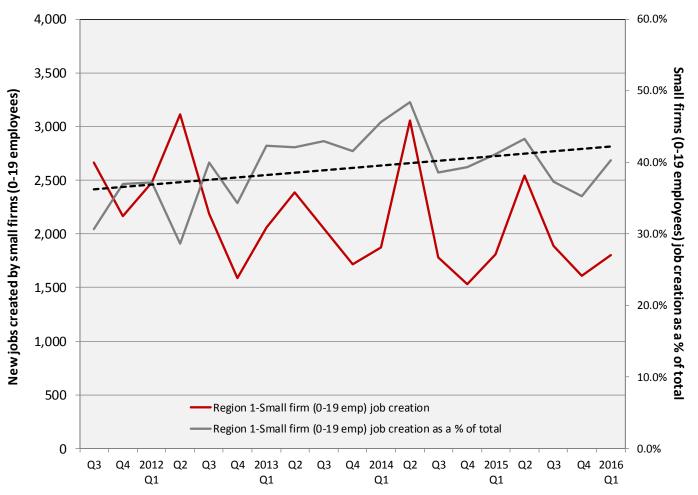
negion in roung in in (	y is old of	, ,	2012 as a	2015 as a
	2012	2015	% of	% of
	Average	Average	Total	Total
US	1,542,135	1,674,953	25.2%	26.7%
Virginia	42,118	39,288	19.4%	26.2%
Region 1	1,478	1,161	21.4%	23.3%
Bland	9	14	10.7%	21.9%
Buchanan	62	39	20.1%	16.0%
Carroll	86	92	23.7%	32.1%
Dickenson	49	24	24.9%	18.5%
Grayson	35	31	27.8%	32.5%
Lee	35	48	13.9%	22.6%
Russell	74	67	16.1%	25.1%
Scott	43	51	17.9%	32.5%
Smyth	105	105	24.6%	22.7%
Tazewell	162	144	21.5%	26.7%
Washington	270	146	21.8%	16.4%
Wise	106	73	17.3%	21.0%
Wythe	113	137	21.5%	29.4%
Bristol city	233	99	26.3%	21.6%
Galax city	53	70	21.8%	34.2%
Norton city	43	23	22.5%	14.5%

Source: US Census Bureau, LEHD, QWI



# Jobs Created by Small Companies

(less than 20 employees)





# Jobs Created by Small Companies

(less than 20 employees)

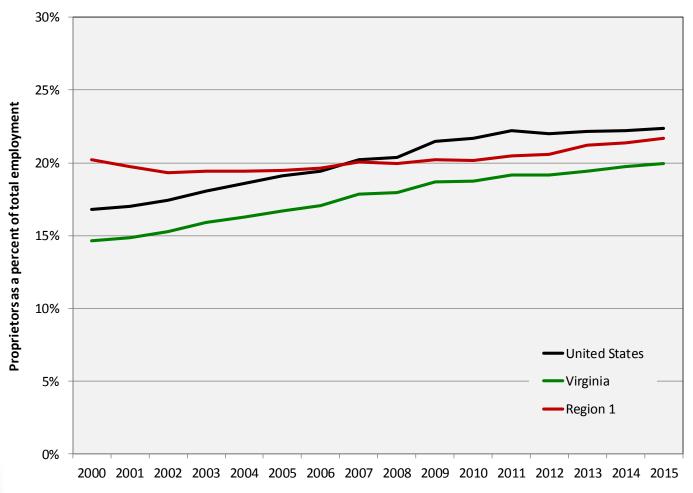
Region 1: Small firm (0-19 Emp.) job creation

				2015 as a
	2012 Average	2015 Average	% of Total	% of Total
US	2,203,129			36.2%
Virginia	58,797	54,683		36.4%
Region 1	2,342	1,963	33.9%	39.4%
Bland	23	20	29.2%	31.6%
Buchanan	149	103	48.7%	41.9%
Carroll	142	163	38.9%	57.0%
Dickenson	89	66	44.9%	50.4%
Grayson	76	66	60.3%	69.1%
Lee	87	93	34.6%	43.8%
Russell	148	122	32.0%	45.6%
Scott	73	59	30.3%	37.6%
Smyth	161	156	37.7%	33.9%
Tazewell	302	226	39.9%	41.9%
Washington	378	302	30.5%	33.9%
Wise	213	147	34.8%	42.4%
Wythe	193	190	36.7%	40.8%
Bristol city	148	125	16.7%	27.3%
Galax city	81	89	33.1%	43.5%
Norton city	82	37	43.0%	23.5%

Source: US Census Bureau, LEHD, QWI



# Sole Proprietorships as a percent of total employment



Source: US Bureau of Economic Analysis



### Sole Proprietorships

Proprietors as a percent of total employment: Region 1

	2000 Proprietors	2010 Proprietors	2015 Proprietors	Annual Growth (00-10)	Annual Growth (10-15)	Proprietors as a % of total employment
United States	27,760,800	37,508,700	42,561,400	3.1%	2.1%	22.4%
Virginia	644,573	890,602	1,008,978	3.3%	2.1%	19.9%
Region 1	38,467	36,962	38,356	-0.4%	0.6%	21.7%
Bland	1,037	770	808	-2.9%	0.8%	28.0%
Buchanan	2,099	1,216	1,259	-5.3%	0.6%	14.6%
Carroll + Galax, VA*	4,688	3,328	3,493	-3.4%	0.8%	21.0%
Dickenson	1,174	856	803	-3.1%	-1.1%	16.9%
Grayson	1,928	2,025	1,989	0.5%	-0.3%	41.1%
Lee	3,324	2,241	2,459	-3.9%	1.6%	33.2%
Russell	3,261	2,576	2,609	-2.3%	0.2%	25.1%
Scott	2,723	2,670	2,706	-0.2%	0.2%	33.9%
Smyth	3,696	3,269	3,251	-1.2%	-0.1%	19.8%
Tazewell	3,065	3,622	3,871	1.7%	1.1%	19.0%
Washington + Bristol, VA*	6,899	8,232	8,628	1.8%	0.8%	21.2%
Wise + Norton, VA*	1,876	2,970	2,941	4.7%	-0.2%	14.7%
Wythe	2,697	3,187	3,539	1.7%	1.8%	22.3%

Source: US Bureau of Economic Analysis



### Thank You

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