# Washington

# **COMMUNITY PROFILE**

Hosted by http://www.sullivan-county.com/index.htm



### VIRGINIA EMPLOYMENT COMMISSION

ECONOMIC INFORMATION SERVICES DIVISION

LABOR MARKET INFORMATION

703 East Main Street Richmond, VA 23219

TEL: (804) 786-8223

WWW.VIRGINIALMI.COM

## **Table of Contents**

I.	Introduction	3
II.	Demographic Profile	4
	Population by Age Cohort	5
	Population by Race/Ethnicity	6
	Population by Gender	6
	Population Change	7
	Population Projections by Age and Gender	8
	Population Projections by Race/Ethnicity	8
	English Language Skills	9
	Commuting Patterns	9
	In-Commuting	10
	Out-Commuting	10
III	. Economic Profile	11
	Unemployment Rates	12
	Characteristics of the Insured Unemployed	14
	Unemployment Insurance Payments	17
	Employers by Size of Establishment	19
	Employment by Size of Establishment	19
	50 Largest Employers	20
	Employment by Industry	21
	New Startup Firms	22
	New Hires by Industry	23

	Turnover by Industry	24
	Average Weekly Wage by Industry	25
	Age of Workers by Industry	26
	Total Employment by Industry	27
	Employment by Major Occupation Group	28
	Growth Occupations	29
	Declining Occupations	30
	Consumer Price Index (CPI)	31
	Local Option Sales Tax	32
IV.	Education Profile	34
	Education Level	35
	Graduate Data Trends	36
	Training Providers	37

## I. Introduction

This report provides a community profile of Washington County. It is intended to compliment the information found in our Virginia Workforce Connection application, which can be accessed online at:

www.VirginiaLMI.com

The report is divided into three major sections. The first contains a profile of regional demographic characteristics and trends, the second supplies similar information for the regional economy, and the third provides a profile of regional education characteristics.

## II. Demographic Profile

#### Overview

The Demographic Profile is designed to assist Workforce Investment Boards (WIB), economic developers, educators, and other local planners in the development of a vibrant workforce that will continue to meet the needs of the local economy.

The social characteristics of the population that follow are age, race, and ethnicity, and gender from the 2010 Census. Also provided are the projected percentage change and absolute value for the area on a decennial basis through 2030. Of great value are the population projections by age, also through 2030. Completing this profile is a measure of the population in 2000, in Washington County that lacked English proficiency, and commuting patterns of workers in the area.



### **Related Census Terms and Definitions**

#### **Ability to speak English**

For people who speak a language other than English at home, the response represents the person's own perception of his or her ability to speak English. Because census questionnaires are usually completed by one household member, the responses may represent the perception of another household member.

#### Age

The age classification is based on the age of the person in complete years as of April 1, 2000. The age of the person usually was derived from their date of birth information. Their reported age was used only when date of birth information was unavailable.

#### Gender

The data on gender were derived from answers to a question that was asked of all people. Individuals were asked to mark either "male" or "female" to indicate their gender. For most cases in which gender was not reported, it was determined by the appropriate entry from the person's given (i.e., first) name and household relationship. Otherwise, gender was imputed according to the relationship to the householder and the age of the person.

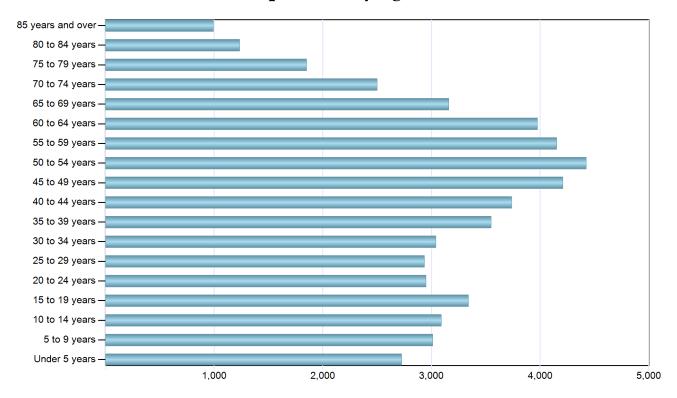
#### Race

The concept of race as used by the Census Bureau reflects self-identification by people according to the race or races with which they most closely identify. The categories are sociopolitical constructs and should not be interpreted as being scientific or anthropological in nature. Furthermore, the race categories include both racial and national-origin groups.

**Please Note:** We will be updating our 2000 Census data as soon as the U.S. Census Bureau publishes the 2010 data. For more information about the release of data from the 2010 Census, please visit the following website:

www.census.gov/population/www/cen2010/glance/

## Population by Age



	<b>Washington County</b>	Virginia	United States
Under 5 years	2,725	509,625	20,201,362
5 to 9 years	3,011	511,849	20,348,657
10 to 14 years	3,090	511,246	20,677,194
15 to 19 years	3,340	550,965	22,040,343
20 to 24 years	2,949	572,091	21,585,999
25 to 29 years	2,935	564,342	21,101,849
30 to 34 years	3,040	526,077	19,962,099
35 to 39 years	3,549	540,063	20,179,642
40 to 44 years	3,738	568,865	20,890,964
45 to 49 years	4,209	621,155	22,708,591
50 to 54 years	4,424	592,845	22,298,125
55 to 59 years	4,152	512,595	19,664,805
60 to 64 years	3,976	442,369	16,817,924
65 to 69 years	3,159	320,302	12,435,263
70 to 74 years	2,500	229,502	9,278,166
75 to 79 years	1,851	173,929	7,317,795
80 to 84 years	1,234	130,801	5,743,327
85 years and over	994	122,403	5,493,433
	54,876	8,001,024	308,745,538

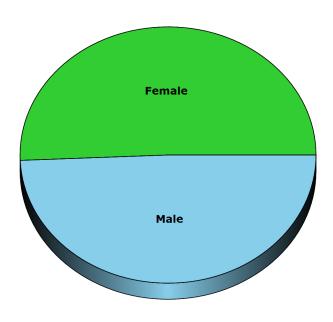
Source: 2010 Census.

## **Population by Race/Ethnicity**

	Washington County	Virginia	United States
al			
Total Population	54,876	8,001,024	308,745,538
e			
White	52,798	5,186,450	196,817,552
Black or African American	686	1,523,704	37,685,848
American Indian or Alaska Native	90	20,679	2,247,098
Asian	202	436,298	14,465,124
Native Hawaiian/Pacific Islander	6	5,061	481,576
Other	21	15,338	604,265
Multiple Races	349	181,669	5,966,481
nicity			
Hispanic or Latino (of any race)	724	631,825	50,477,594

Source: 2010 Census.

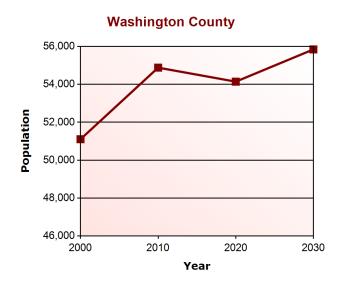
## **Population by Gender**

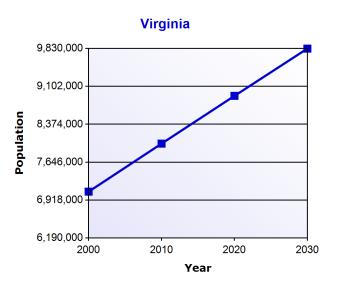


	Washington County	Virginia	United States
Male	27,070	3,925,983	151,781,326
Female	27,806	4,075,041	156,964,212
	54,876	8,001,024	308,745,538

Source: 2010 Census.

### **Population Change**





	Washington County	(% change)	Virginia	(% change)
1990	45,887		6,187,358	
2000	51,103	11.37 %	7,079,030	14.41 %
2010	54,876	7.38 %	8,001,024	13.02 %
2020	54,138	-1.34 %	8,917,396	11.45 %
2030	55,837	3.14 %	9,825,019	10.18 %

Note: We will be updating our population projections in 2012 to reflect the 2010 Census counts. Source: U.S. Census Bureau, Virginia Employment Commission.

## Did you know...

you can log on to our website today and see population counts from each Decennial Census all the way back to 1900? Looking for annual population estimates? We have those too, all the way back to the 1970s!

Census 2010

For this data and more, visit us on the web at:

www.VirginiaLMI.com

<b>Population Pro</b>	piections	bv A	Age and	Gender
I obmanon I I	Jechons	Dy I.	isc and	GCHGCI

	2020		203	0
	Female	Male	Female	Male
Under 5 years	1,477	1,522	1,466	1,510
5 to 9 years	1,490	1,612	1,560	1,677
10 to 14 years	1,518	1,620	1,669	1,769
15 to 19 years	1,539	1,720	1,698	1,855
20 to 24 years	1,333	1,541	1,498	1,712
25 to 29 years	1,435	1,565	1,416	1,611
30 to 34 years	1,577	1,605	1,447	1,520
35 to 39 years	1,717	1,658	1,638	1,625
40 to 44 years	1,884	1,764	1,740	1,776
45 to 49 years	1,743	1,720	1,808	1,851
50 to 54 years	1,730	1,797	1,905	1,811
55 to 59 years	1,959	1,974	1,784	1,709
60 to 64 years	2,093	2,001	1,698	1,753
65 to 69 years	1,747	1,569	1,749	1,705
70 to 74 years	1,528	1,310	1,729	1,484
75 to 79 years	1,021	824	1,289	1,003
80 to 84 years	732	481	997	651
85 years and over	1,000	332	1,332	392
	27,523	26,615	28,423	27,414
	54,138		55,8	37

Note: We will be updating our population projections in 2012 to reflect the 2010 Census counts. Source: Virginia Employment Commission.

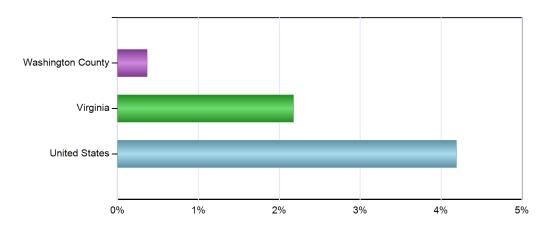
## **Population Projections by Race/Ethnicity**

	2020	2030
Total		
Total Population	54,138	55,837
Race		
White	52,462	53,870
Black or African American	864	989
American Indian or Alaska Native	41	28
Asian	222	262
Ethnicity		
Hispanic or Latino (of any race)	549	688

Note: We will be updating our population projections in 2012 to reflect the 2010 Census counts. Source: Virginia Employment Commission.

## **English Language Skills**

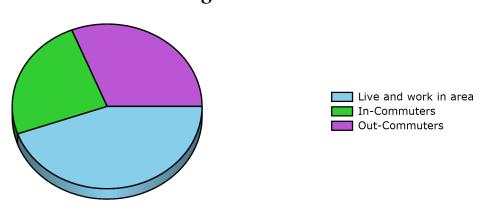
(Age 5 and over that speak English less than well)



	Total	Speak English less than well	Percent
Washington County	48,511	177	0.36%
Virginia	6,616,533	143,865	2.17%
United States	262,246,108	10,986,851	4.19%

Source: 2000 Census.

## **Commuting Patterns**



Commuting Patterns	
People who live and work in the area	13,844
In-Commuters	7,555
Out-Commuters	9,649
Net In-Commuters (In-Commuters minus Out-Commuters)	-2,094

Source: 2000 Census.

**Top 10 Places Residents are Commuting To** 

Area	Workers
Bristol city, VA	3,589
Sullivan County, TN, TN	2,471
Smyth County, VA	1,576
Russell County, VA	482
Washington County, TN, TN	240
Wise County, VA	142
Buchanan County, VA	118
Greene County, TN, TN	66
Johnson County, TN, TN	63
Tazewell County, VA	59

**Top 10 Places Workers are Commuting From** 

Area	Workers
Sullivan County, TN, TN	2,530
Bristol city, VA	1,204
Smyth County, VA	1,120
Russell County, VA	1,067
Washington County, TN, TN	238
Johnson County, TN, TN	190
Tazewell County, VA	178
Scott County, VA	168
Wise County, VA	162
Dickenson County, VA	94

Source: 2000 Census.

### III. Economic Profile

#### Overview

The Economic Profile of Washington County will provide a selection of workforce data collected and developed by the Virginia Employment Commission (VEC), along with data stemming from a partnership with the U.S. Census Bureau.

In its central concentration, economic data provides insight into the area's industrial strengths and weaknesses. Viewing our historical and current Quarterly Census of Employment and Wages (QCEW) data, one can track employment levels as industry reacts to domestic and foreign exogenous effects. Industry's need for workers will, in time, be reflected in the Local Area Unemployment Statistics (LAUS) data; this series is a useful gauge on the health of the overall economy. The Characteristics of the Insured Unemployed is an accurate depiction of the social and economic attributes of the worker that is available for hire. This data is a valuable resource for economic developers in marketing the unemployed workers to prospective companies, especially where mass layoffs have occurred. The LAUS and Characteristics of the Insured Unemployment data are useful in viewing the surpluses and shortages of labor, and also who this labor is. Unemployment Insurance Payments data is a temporal series designed to track the dollar amount of payments made to claimants of unemployment insurance. It is yet another measure of the wellness of the local workforce and area.

The Occupational Employment Statistics (OES) program is a survey of the businesses in Virginia in relation to the occupations of the people they employ. This data is a vital segment of the long-term Industry and Occupational Projections that are prepared every other year. These data are aggregated at the state and WIB levels. Recently, the VEC and the U.S. Census Bureau partnered to produce a new workforce data series that would possess a dimensional quality. The aptly named Local Employment Dynamics (LED) data describes the workforce not only by industry but also by demographic qualities such as gender and age brackets. LED also enumerates the flow of the workforce within the local and state economies. Lastly, this profile chronicles ten years of the monthly Consumer Price Index (CPI) and the Local Option Sales Tax.

### **Related Terms and Definitions**

### **Average Weekly Wage**

Computed as average quarterly wages divided by 13.

### **Consumer Price Index (CPI)**

The Consumer Price Index measures the average change over time in the prices paid by urban consumers for a representative market basket of consumer goods and services.

### **Local Employment Dynamics (LED)**

The Local Employment Dynamics Program at the Census Bureau, together with its state partners, provides employment information at the county, city, and Workforce Investment Area level. This information tracks workers in different industries by age and gender and provides statistics on job creation, separation, turnover, and wages.

### **Quarterly Census of Employment & Wages (QCEW)**

A federal/state cooperative program that collects and compiles employment and wage data for workers covered by state unemployment insurance (UI) laws and the federal civilian workers covered by Unemployment Compensation for Federal Employees (UCFE). These data are maintained at the state in micro and macro levels and also sent to BLS quarterly.

#### **Unemployment Insurance (UI)**

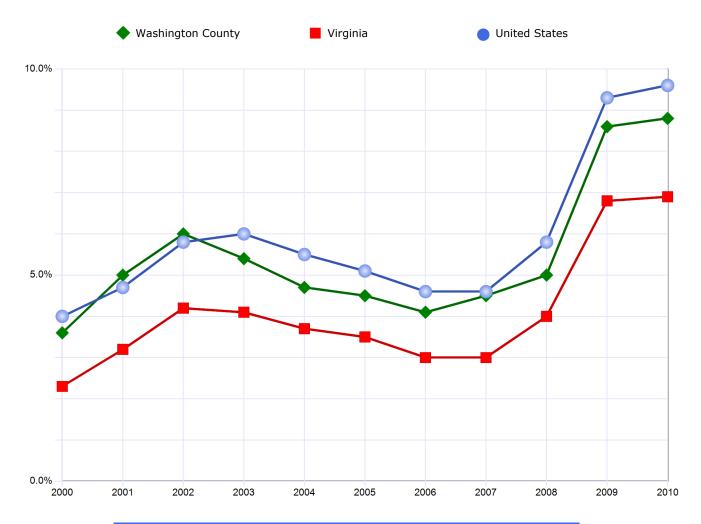
Unemployment insurance is a program for the accumulation of funds paid by employers to be used for the payment of unemployment insurance to workers during periods of unemployment which are beyond the workers' control. Unemployment insurance replaces a part of the worker's wage loss if he becomes eligible for payments. UI serves as an economic stabilizer by maintaining an individual's purchasing power when unemployed.

### **Unemployment Rate**

The number of unemployed people as a percentage of the labor force.

## **Unemployment Rates**

### **Trends**

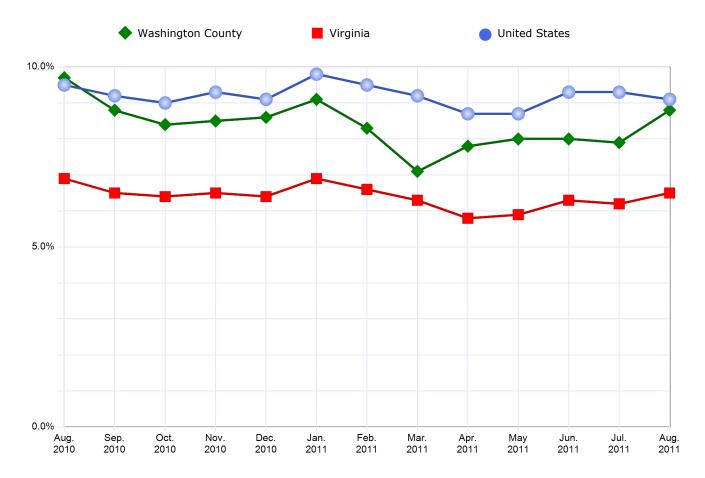


	Washington County	Virginia	United States
2000	3.6%	2.3%	4.0%
2001	5.0%	3.2%	4.7%
2002	6.0%	4.2%	5.8%
2003	5.4%	4.1%	6.0%
2004	4.7%	3.7%	5.5%
2005	4.5%	3.5%	5.1%
2006	4.1%	3.0%	4.6%
2007	4.5%	3.0%	4.6%
2008	5.0%	4.0%	5.8%
2009	8.6%	6.8%	9.3%
2010	8.8%	6.9%	9.6%

Source: Virginia Employment Commission, Local Area Unemployment Statistics.

## **Unemployment Rates**

### Past 12 Months



	Washington County	Virginia	United States
Aug. 2010	9.7%	6.9%	9.5%
Sep. 2010	8.8%	6.5%	9.2%
Oct. 2010	8.4%	6.4%	9.0%
Nov. 2010	8.5%	6.5%	9.3%
Dec. 2010	8.6%	6.4%	9.1%
Jan. 2011	9.1%	6.9%	9.8%
Feb. 2011	8.3%	6.6%	9.5%
Mar. 2011	7.1%	6.3%	9.2%
Apr. 2011	7.8%	5.8%	8.7%
May 2011	8.0%	5.9%	8.7%
Jun. 2011	8.0%	6.3%	9.3%
Jul. 2011	7.9%	6.2%	9.3%
Aug. 2011	8.8%	6.5%	9.1%

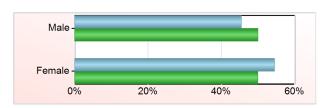
Source: Virginia Employment Commission, Local Area Unemployment Statistics.

## **Characteristics of the Insured Unemployed**

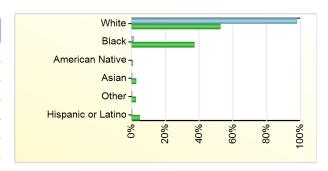
Washington County - (343 claimants)

Virginia - (54,043 claimants)

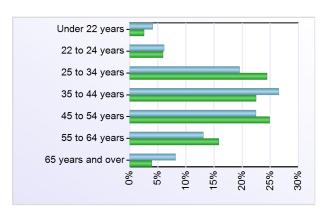
Gender	Washington County	Virginia
Male	156	27,036
Female	187	27,007
Unspecified		



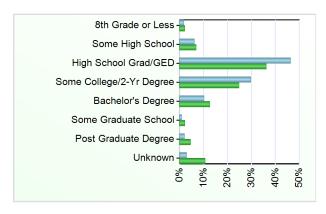
Race	Washington County	Virginia
White	336	28,397
Black	4	20,063
American Native		320
Asian	1	1,403
Other	1	1,306
Hispanic or Latino	1	2,554



Age	Washington County	Virginia
Under 22 years	14	1,376
22 to 24 years	21	3,196
25 to 34 years	67	13,202
35 to 44 years	91	12,149
45 to 54 years	77	13,449
55 to 64 years	45	8,558
65 years and over	28	2,113
Unknown		



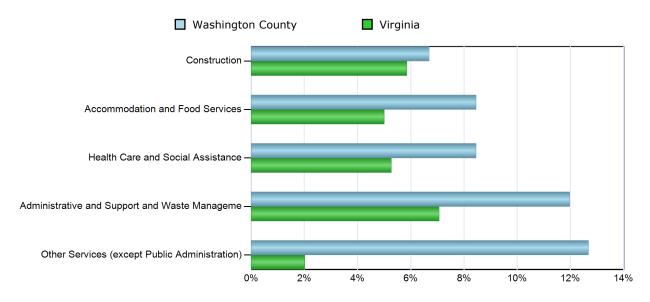
Education	Washington County	Virginia
8th Grade or Less	6	1,155
Some High School	21	3,725
High School Grad/GED	159	19,571
Some College/2-Yr Degree	102	13,420
Bachelor's Degree	35	6,792
Some Graduate School	3	1,177
Post Graduate Degree	7	2,450
Unknown	10	5,753



Source: Virginia Employment Commission, Characteristics of the Insured Unemployed, August 2011.

## **Characteristics of the Insured Unemployed**

Top 5 Industries With Largest Number of Claimaints in Washington County (excludes unclassified)



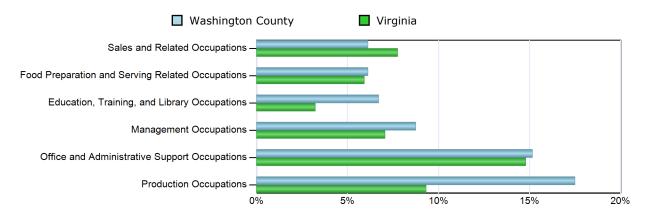
Industry	Washington County	Virginia
Agriculture, Forestry, Fishing and Hunting		76
Mining, Quarrying, and Oil and Gas Extraction	2	83
Utilities	1	17
Construction	19	2,896
Manufacturing	6	639
Wholesale Trade	10	876
Retail Trade	12	1,345
Transportation and Warehousing	3	626
Information	2	320
Finance and Insurance	4	503
Real Estate and Rental and Leasing	4	401
Professional, Scientific, and Technical Servi	8	1,689
Management of Companies and Enterprises		84
Administrative and Support and Waste Manageme	34	3,497
Educational Services	2	327
Health Care and Social Assistance	24	2,608
Arts, Entertainment, and Recreation	6	192
Accommodation and Food Services	24	2,475
Other Services (except Public Administration)	36	997
Unclassified	87	29,851

Source: Virginia Employment Commission,

Characteristics of the Insured Unemployed, August 2011.

## **Characteristics of the Insured Unemployed**

Top 5 Occupation Groups With Largest Number of Claimaints in Washington County (excludes unclassified)



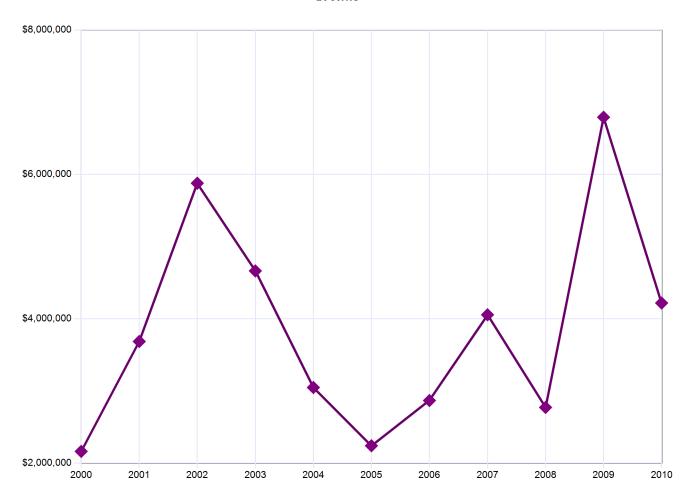
Occupation	Washington County	Virginia
Management Occupations	30	3,813
Business and Financial Operations Occupations	3	1,955
Computer and Mathematical Occupations		109
Architecture and Engineering Occupations	3	756
Life, Physical, and Social Science Occupations	1	178
Community and Social Service Occupations	8	693
Legal Occupations	1	290
Education, Training, and Library Occupations	23	1,745
Arts, Design, Entertainment, Sports, and Media Occ	7	746
Healthcare Practitioners and Technical Occupations	5	846
Healthcare Support Occupations	2	991
Protective Service Occupations	9	642
Food Preparation and Serving Related Occupations	21	3,200
Building and Grounds Cleaning and Maintenance Occu	5	1,129
Personal Care and Service Occupations	12	857
Sales and Related Occupations	21	4,191
Office and Administrative Support Occupations	52	7,989
Farming, Fishing, and Forestry Occupations	1	132
Construction and Extraction Occupations	17	4,363
Installation, Maintenance, and Repair Occupations	11	1,640
Production Occupations	60	5,036
Transportation and Material Moving Occupations	18	2,659
Military Specific Occupations	2	704
Unknown Occupation Code	31	9,379

Source: Virginia Employment Commission,

Characteristics of the Insured Unemployed, August 2011.

## **Unemployment Insurance Payments**

Trends

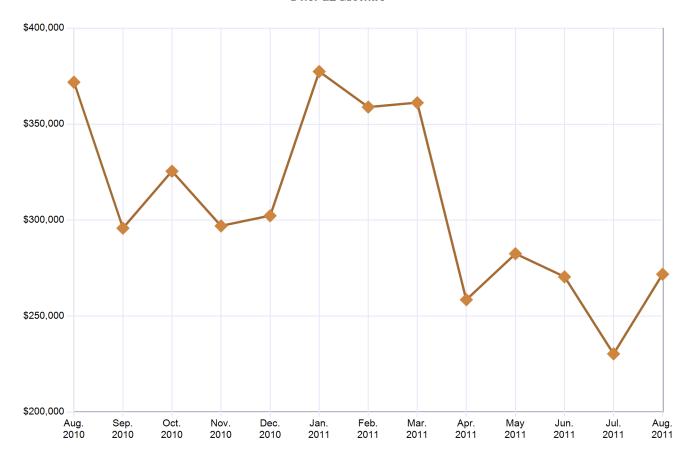


	Washington County		Virgi	nia
	Weeks Paid	Amount Paid	Weeks Paid	Amount Paid
2000	11,017	\$2,163,737	937,805	\$187,330,159
2001	16,311	\$3,686,363	1,556,117	\$377,609,910
2002	22,625	\$5,878,419	2,494,138	\$741,502,766
2003	19,264	\$4,663,362	2,320,260	\$608,250,060
2004	14,830	\$3,048,755	1,632,841	\$376,193,745
2005	10,359	\$2,241,935	1,382,659	\$327,192,126
2006	12,184	\$2,868,401	1,334,848	\$334,996,815
2007	15,372	\$4,056,004	1,384,335	\$364,789,088
2008	11,150	\$2,772,769	1,699,923	\$468,544,246
2009	26,500	\$6,791,990	3,782,630	\$1,069,206,277
2010	17,815	\$4,218,914	2,727,738	\$748,174,724

Source: Virginia Employment Commission, Unemployment Insurance Program.

## **Unemployment Insurance Payments**

### Past 12 Months



	Washington County		Virginia	
	Weeks Paid	Amount Paid	Weeks Paid	Amount Paid
Aug. 2010	1,578	\$371,921	226,637	\$61,409,847
Sep. 2010	1,226	\$295,819	185,846	\$50,893,789
Oct. 2010	1,364	\$325,507	179,450	\$48,991,848
Nov. 2010	1,232	\$296,981	211,716	\$57,336,865
Dec. 2010	1,285	\$302,311	197,294	\$52,609,736
Jan. 2011	1,647	\$377,467	218,926	\$57,878,601
Feb. 2011	1,501	\$358,947	215,045	\$57,417,781
Mar. 2011	1,499	\$361,194	245,941	\$66,152,979
Apr. 2011	1,036	\$258,552	180,075	\$49,060,815
May 2011	1,117	\$282,532	170,093	\$46,488,654
Jun. 2011	1,094	\$270,463	175,997	\$47,667,362
Jul. 2011	935	\$230,338	160,910	\$44,009,434
Aug. 2011	1,137	\$271,833	205,468	\$56,704,964

Source: Virginia Employment Commission, Unemployment Insurance Program.

## **Employers by Size of Establishment**

	Washington County	Virginia
0 to 4 employees	860	135,711
5 to 9 employees	256	36,637
10 to 19 employees	182	26,039
20 to 49 employees	103	18,571
50 to 99 employees	27	6,461
100 to 249 employees	20	3,520
250 to 499 employees	6	951
500 to 999 employees	4	371
1000 and over employees	1	233
	1,459	228,494

## **Employment by Size of Establishment**

	Washington County	Virginia
0 to 4 employees	1,424	208,068
5 to 9 employees	1,726	243,306
10 to 19 employees	2,462	353,231
20 to 49 employees	3,118	562,839
50 to 99 employees	1,788	441,650
100 to 249 employees	2,709	525,747
250 to 499 employees	1,897	327,746
500 to 999 employees	2,820	253,467
1000 and over employees	1,345	598,027
	19,289	3,514,081

Note: Asterisks (\*\*\*) indicate non-disclosable data.

'Zero; no employment' typically represents new startup firms or sole-proprietorships.

Source: Virginia Employment Commission,

Quarterly Census of Employment and Wages (QCEW), 1st Quarter (January, February, March) 2011.

### **50 Largest Employers**

- 1. Washington County Schools
- 2. Food City
- 3. Bristol Compressors International
- 4. Mountain States Health Al
- 5. Camac Corporation
- 6. Wal Mart
- 7. Utility Trailer Manufacturing
- 8. Emory and Henry College
- 9. Washington County
- 10. Virginia Highlands Community College
- 11. Columbus McKinnon Corporation
- 12. Lowes' Home Centers, Inc.
- 13. People, Inc.
- 14. Town of Abingdon
- 15. Alpha Natural Resources Service
- 16. Professional Employment Services
- 17. Steel Fab
- 18. Atwork Personnel Service
- 19. Highlands Union Bank
- 20. Paramont Manufacturing
- 21. Kearney National, Inc.
- 22. Sw Virginia Regional Jail Auth
- 23. Barter Foundation, Inc.
- 24. Target Corp
- 25. General Engineering Company of Virginia

- 26. Abingdon Physician Partners
- 27. The Gates Corp
- 28. Universal Companies
- 29. Grace Healthcare of Abingdon
- 30. McDonald's
- 31. Technisource Inc
- 32. Cardinal Travel Center
- 33. Cracker Barrel Old Country Store
- 34. Sandvik Mining & Construction
- 35. The First Bank and Trust Company
- 36. Kroger
- 37. Food Country U.S.A.
- 38. Kmart
- 39. VDOT
- 40. Dutt & Wagner of Virginia, Inc.
- 41. Virginia Department of Forestry
- 42. Washington County Service
- 43. Virginia Department of Social Services
- 44. Camberley's Martha Washington
- 45. Carolina Steel Group LLC
- 46. Quick Stop Markets
- 47. Wendy's
- 48. Postal Service
- 49. Afg Coating
- 50. Family Preservation Services

Source: Virginia Employment Commission,

Quarterly Census of Employment and Wages (QCEW), 1st Quarter (January, February, March) 2011.

## Did you know...

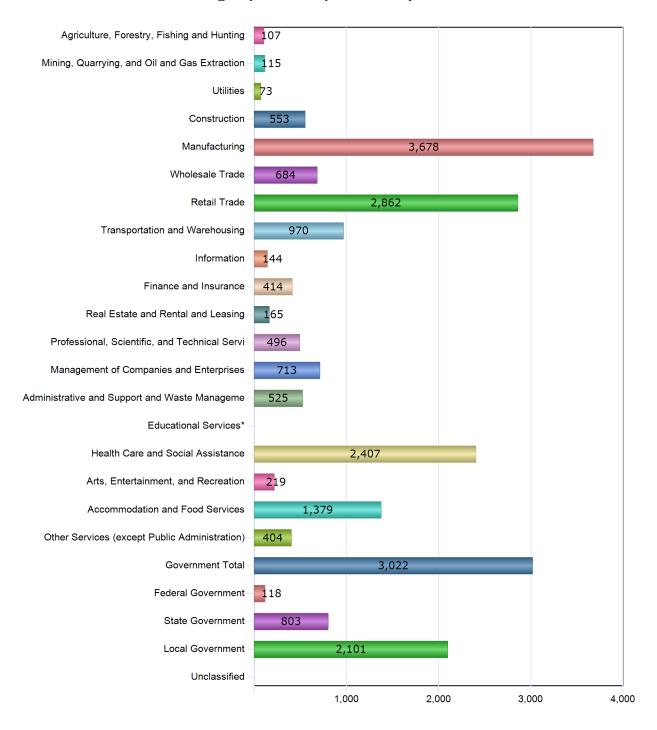
you can search over 300,000 employer listings on our website provided by Infogroup? This easy-to- use feature lets you search for employers by keyword, industry, sales volume, size range, and more!



For this data and more, visit us on the web at:

www.VirginiaLMI.com

### **Employment by Industry**



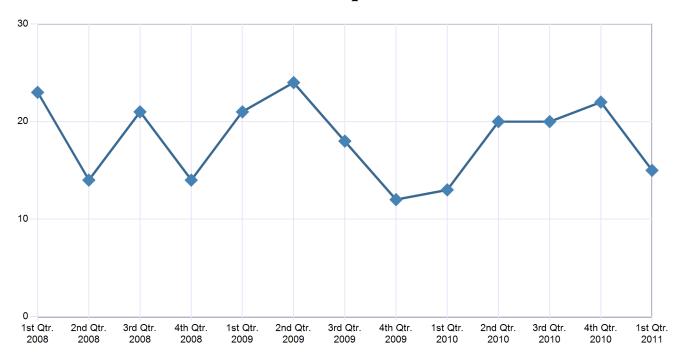
Total: 19,290

Note: Asterisk (\*) indicates non-disclosable data.

Source: Virginia Employment Commission,

Quarterly Census of Employment and Wages (QCEW), 1st Quarter (January, February, March) 2011.

### **New Startup Firms**



	Washington County	Virginia
1st Qtr. 2008	23	4,786
2nd Qtr. 2008	14	1,885
3rd Qtr. 2008	21	2,298
4th Qtr. 2008	14	2,159
1st Qtr. 2009	21	2,440
2nd Qtr. 2009	24	2,440
3rd Qtr. 2009	18	2,445
4th Qtr. 2009	12	2,144
1st Qtr. 2010	13	2,646
2nd Qtr. 2010	20	2,488
3rd Qtr. 2010	20	2,776
4th Qtr. 2010	22	2,592
1st Qtr. 2011	15	3,161

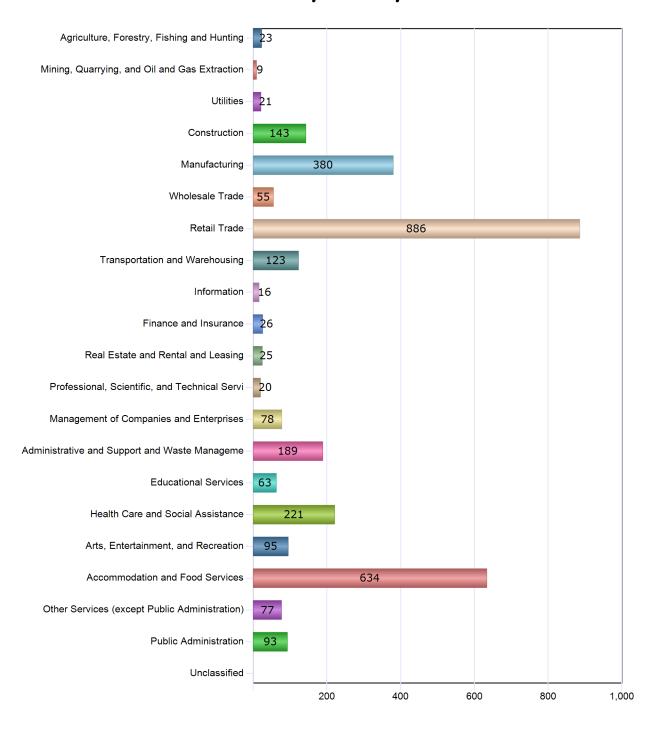
Note: The following criteria was used to define new startup firms:

- 1.) Setup and liability date both occurred during 1st Quarter (January, February, March) 2011
- 2.) Establishment had no predecessor UI Account Number
- 3.) Private Ownership
- 4.) Average employment is less than 250
- 5.) For multi-unit establishments, the parent company must also meet the above criteria.

Source: Virginia Employment Commission,

Quarterly Census of Employment and Wages (QCEW), 1st Quarter (January, February, March) 2011.

### **New Hires by Industry**

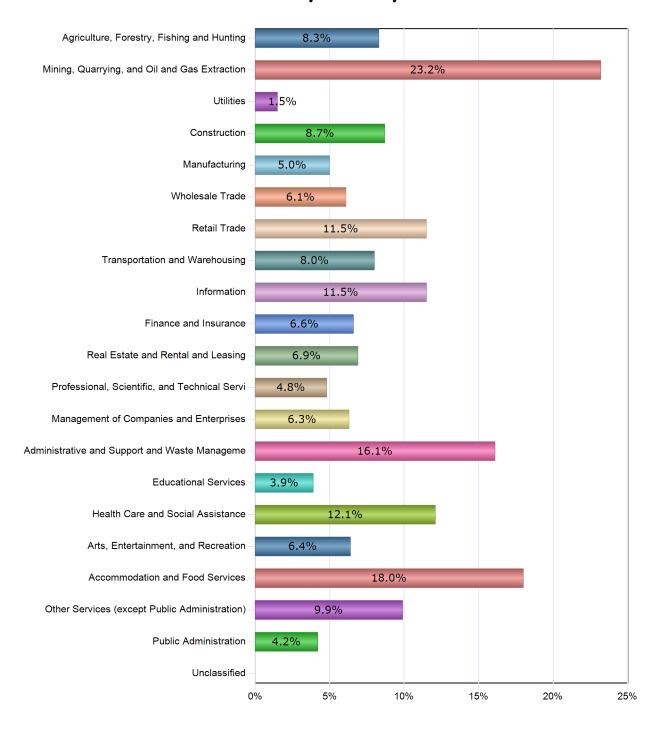


Total: 3,177

Source: U.S. Census Bureau,

Local Employment Dynamics (LED) Program, 2nd Quarter (April, May, June) 2010, all ownerships.

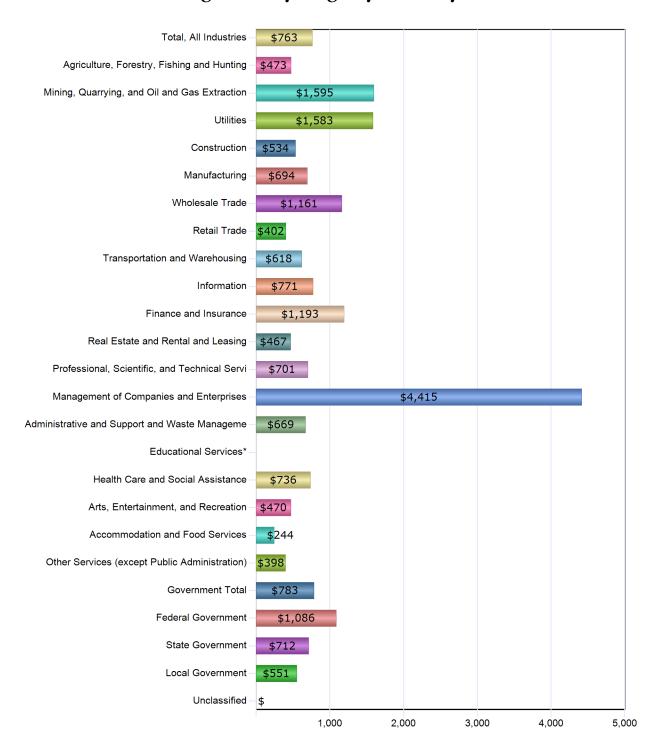
## **Turnover by Industry**



Average: 8.5%

Source: U.S. Census Bureau, Local Employment Dynamics (LED) Program, 1st Quarter (January, February, March) 2010, all ownerships.

### **Average Weekly Wage by Industry**



Note: Asterisk (\*) indicates non-disclosable data.

Source: Virginia Employment Commission,

Quarterly Census of Employment and Wages (QCEW), 1st Quarter (January, February, March) 2011.

## Age of Workers by Industry

	14 - 18	19 - 21	22 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65+
Total, All Industries	508	1,194	1,229	4,112	4,986	5,039	3,536	1,116
Agriculture, Forestry, Fishing and Hunting			2	15	12	15	16	4
Mining, Quarrying, and Oil and Gas Extraction			10	28	32	27	13	
Utilities			7	60	83	106	56	12
Construction	6	23	34	133	186	203	105	33
Manufacturing	7	65	95	546	1,016	1,062	786	103
Wholesale Trade	8	26	35	104	152	175	91	30
Retail Trade	154	491	423	960	823	782	496	215
Transportation and Warehousing	88	116	79	191	218	229	135	55
Information	4	5	17	39	30	34	23	9
Finance and Insurance		8	26	94	105	115	87	18
Real Estate and Rental and Leasing		5	8	28	30	42	34	28
Professional, Scientific, and Technical Servi	4	14	21	100	131	140	96	44
Management of Companies and Enterprises	46	62	57	134	171	188	137	47
Administrative and Support and Waste Manageme	5	24	25	146	148	114	73	37
Educational Services		27	65	361	539	585	564	168
Health Care and Social Assistance	8	69	111	457	631	571	358	121
Arts, Entertainment, and Recreation	6	8	25	77	38	40	32	20
Accommodation and Food Services	155	211	141	367	266	207	131	59
Other Services (except Public Administration)	7	12	12	73	87	112	83	58
Public Administration	8	22	36	202	287	294	219	53

Source: U.S. Census Bureau,

Local Employment Dynamics (LED) Program, 2nd Quarter (April, May, June) 2010, all ownerships.

### What is LED?

Developed by the U.S. Census Bureau, the Local Employment Dynamics (LED) program merges Virginia's Unemployment Compesnation wage and employer records with Census demographic data. Read more about LED on the following website:



http://lehd.did.census.gov/led/

## **Total Employment by Industry**

		Employment		Percent		
_	Estimated 2008	Projected 2018	Change	Total	Annual	
Total, All Industries	151,426	167,270	15,844	10.46%	1%	
Agriculture, Forestry, Fishing and Hunting	59	57	-2	-3.39%	34%	
Mining, Quarrying, and Oil and Gas Extraction	398	383	-15	-3.77%	38%	
Utilities	443	413	-30	-6.77%	7%	
Construction	5,823	6,948	1,125	19.32%	1.78%	
Manufacturing	28,241	25,988	-2,253	-7.98%	83%	
Wholesale Trade	3,406	3,690	284	8.34%	.8%	
Retail Trade	18,778	19,825	1,047	5.58%	.54%	
Transportation and Warehousing	3,200	3,408	208	6.5%	.63%	
Information	1,414	1,438	24	1.7%	.17%	
Finance and Insurance	2,608	2,758	150	5.75%	.56%	
Real Estate and Rental and Leasing	1,326	1,494	168	12.67%	1.2%	
Professional, Scientific, and Technical Servi	4,033	5,029	996	24.7%	2.23%	
Management of Companies and Enterprises	1,291	1,362	71	5.5%	.54%	
Administrative and Support and Waste Manageme	5,896	7,161	1,265	21.46%	1.96%	
Educational Services	20,913	24,883	3,970	18.98%	1.75%	
Health Care and Social Assistance	14,621	19,372	4,751	32.49%	2.85%	
Arts, Entertainment, and Recreation	1,154	1,411	257	22.27%	2.03%	
Accommodation and Food Services	13,417	14,959	1,542	11.49%	1.09%	
Other Services (except Public Administration)	3,397	3,763	366	10.77%	1.03%	

Note: Asterisks (\*\*\*) indicate non-disclosable data.

Projections data is for New River/Mt. Rogers (LWIA II). No data available for Washington County.

Source: Virginia Employment Commission, Industry and Occupational Projections, 2008-2018.

## **Employment by Major Occupation Group**

		Employment			Openings			
	Estimated 2008	Projected 2018	% Change	Replace -ments	Growth	Total		
Total, All Occupations	151,426	167,270	10.46%	3,493	1,829	5,322		
Management Occupations	5,567	5,920	6.34%	136	41	177		
Business and Financial Operations Occupations	4,232	4,941	16.75%	87	72	159		
Computer and Mathematical Occupations	2,111	2,619	24.06%	37	51	88		
Architecture and Engineering Occupations	2,764	2,890	4.56%	60	18	78		
Life, Physical, and Social Science Occupations	1,644	1,836	11.68%	52	23	75		
Community and Social Service Occupations	2,544	3,105	22.05%	56	56	112		
Legal Occupations	488	586	20.08%	8	10	18		
Education, Training, and Library Occupations	11,180	13,564	21.32%	234	238	472		
Arts, Design, Entertainment, Sports, and Media Occupations	1,598	1,886	18.02%	39	31	70		
Healthcare Practitioners and Technical Occupations	7,546	9,335	23.71%	165	179	344		
Healthcare Support Occupations	3,323	4,528	36.26%	37	122	159		
Protective Service Occupations	2,441	2,771	13.52%	70	33	103		
Food Preparation and Serving Related Occupations	13,961	15,788	13.09%	474	183	657		
Building and Grounds Cleaning and Maintenance Occupations	5,143	5,525	7.43%	84	38	122		
Personal Care and Service Occupations	3,901	5,271	35.12%	88	137	225		
Sales and Related Occupations	18,018	19,162	6.35%	555	117	672		
Office and Administrative Support Occupations	21,253	23,540	10.76%	460	266	726		
Farming, Fishing, and Forestry Occupations	290	287	-1.03%	8	1	9		
Construction and Extraction Occupations	6,867	7,785	13.37%	118	94	212		
Installation, Maintenance, and Repair Occupations	6,614	7,091	7.21%	127	51	178		
Production Occupations	21,070	19,705	-6.48%	396	24	420		
Transportation and Material Moving Occupations	8,871	9,135	2.98%	203	45	248		

Note: Asterisks (\*\*\*) indicate non-disclosable data.

Projections data is for New River/Mt. Rogers (LWIA II). No data available for Washington County.

Source: Virginia Employment Commission, Industry and Occupational Projections, 2008-2018.

## **Growth Occupations**

		Employment		Average	ings		
	Estimated 2008	Projected 2018	% Change	Replace -ments	Growth	Total	Average Annual Salary
Personal Care Aides	912	1,740	90.79%	11	83	94	\$18,502
Environmental Science and Protection Technicians, Including Health	43	74	72.09%	2	3	5	\$21,140
Physical Therapist Assistants	90	130	44.44%	1	4	5	\$51,284
Substance Abuse and Behavioral Disorder Counselors	235	338	43.83%	5	10	15	\$36,396
Self-Enrichment Education Teachers	174	250	43.68%	3	8	11	\$41,964
Veterinarians	123	175	42.28%	2	5	7	\$101,610
Physician Assistants	19	27	42.11%	0	1	1	\$65,555
Commercial Pilots	28	39	39.29%	1	1	2	\$58,430
Fitness Trainers and Aerobics Instructors	215	298	38.6%	4	8	12	\$24,920
Personal Financial Advisors	41	56	36.59%	0	2	2	\$63,480
Dental Hygienists	192	262	36.46%	4	7	11	\$63,287
Medical Assistants	259	353	36.29%	3	9	12	\$25,694
Physical Therapists	208	283	36.06%	3	8	11	\$70,469
Veterinary Technologists and Technicians	39	53	35.9%	1	1	2	\$29,524
Medical Equipment Repairers	20	27	35%	1	1	2	\$39,067
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	359	484	34.82%	6	13	19	\$32,664
Occupational Therapists	84	113	34.52%	2	3	5	\$75,065
Dental Assistants	236	317	34.32%	4	8	12	\$31,759
Coaches and Scouts	375	502	33.87%	7	13	20	\$47,698
Preschool Teachers, Except Special Education	301	401	33.22%	6	10	16	\$26,095

Note: Asterisks (\*\*\*) indicate non-disclosable data.

Projections and OES wage data are for New River/Mt. Rogers (LWIA II). No data available for Washington County.

Source: Virginia Employment Commission, Industry and Occupational Projections, 2008-2018 Occupational Employment Statistics (OES) Survey, 2010.

## **Declining Occupations**

		Employment			Openings	
	Estimated 2008	Projected 2018	% Change	Replace -ments	Growth	Total
Shoe and Leather Workers and Repairers	2	1	-50%	0	0	0
Postal Service Mail Sorters, Processors, and Processing Machine Operators	87	58	-33.33%	1	0	1
Sewing Machine Operators	628	420	-33.12%	4	0	4
Order Clerks	155	105	-32.26%	4	0	4
Computer Operators	48	34	-29.17%	1	0	1
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	32	23	-28.13%	0	0	0
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	599	441	-26.38%	10	0	10
File Clerks	120	89	-25.83%	3	0	3
Machine Feeders and Offbearers	194	146	-24.74%	2	0	2
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	65	49	-24.62%	1	0	1
Cutters and Trimmers, Hand	30	23	-23.33%	1	0	1
Tailors, Dressmakers, and Custom Sewers	186	144	-22.58%	2	0	2
Postal Service Clerks	77	60	-22.08%	2	0	2
Chemical Engineers	43	34	-20.93%	1	0	1
Paper Goods Machine Setters, Operators, and Tenders	20	16	-20%	0	0	0
Coil Winders, Tapers, and Finishers	213	173	-18.78%	3	0	3
Postmasters and Mail Superintendents	55	45	-18.18%	1	0	1
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	240	198	-17.5%	4	0	4
Reporters and Correspondents	45	38	-15.56%	1	0	1
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	510	433	-15.1%	10	0	10

Note: Asterisks (\*\*\*) indicate non-disclosable data.

Projections data is for New River/Mt. Rogers (LWIA II). No data available for Washington County.

Source: Virginia Employment Commission, Industry and Occupational Projections, 2008-2018.

## **Consumer Price Index (CPI)**

### All Urban Consumers (CPI-U)

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ann.	% chg
2001	175.100	175.800	176.200	176.900	177.700	178.000	177.500	177.500	178.300	177.700	177.400	176.700	177.100	2.8
2002	177.100	177.800	178.800	179.800	179.800	179.900	180.100	180.700	181.000	181.300	181.300	180.900	179.900	1.6
2003	181.700	183.100	184.200	183.800	183.500	183.700	183.900	184.600	185.200	185.000	184.500	184.300	184.000	2.3
2004	185.200	186.200	187.400	188.000	189.100	189.700	189.400	189.500	189.900	190.900	191.000	190.300	188.900	2.7
2005	190.700	191.800	193.300	194.600	194.400	194.500	195.400	196.400	198.800	199.200	197.600	196.800	195.300	3.4
2006	198.300	198.700	199.800	201.500	202.500	202.900	203.500	203.900	202.900	201.800	201.500	201.800	201.600	3.2
2007	202.416	203.499	205.352	206.686	207.949	208.352	208.299	207.917	208.490	208.936	210.177	210.036	207.342	2.8
2008	211.080	211.693	213.528	214.823	216.632	218.815	219.964	219.086	218.783	216.573	212.425	210.228	215.303	3.8
2009	211.143	212.193	212.709	213.240	213.856	215.693	215.351	215.834	215.969	216.177	216.330	215.949	214.537	-0.4
2010	216.687	216.741	217.631	218.009	218.178	217.965	218.011	218.312	218.439	218.711	218.803	219.179	218.056	1.6
2011	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545						

### Urban Wage Earners and Clerical Workers (CPI-W)

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ann.	% chg
2001	171.700	172.400	172.600	173.500	174.400	174.600	173.800	173.800	174.800	174.000	173.700	172.900	173.500	2.7
2002	173.200	173.700	174.700	175.800	175.800	175.900	176.100	176.600	177.000	177.300	177.400	177.000	175.900	1.4
2003	177.700	179.200	180.300	179.800	179.400	179.600	179.600	180.300	181.000	180.700	180.200	179.900	179.800	2.2
2004	180.900	181.900	182.900	183.500	184.700	185.300	184.900	185.000	185.400	186.500	186.800	186.000	184.500	2.6
2005	186.300	187.300	188.600	190.200	190.000	190.100	191.000	192.100	195.000	195.200	193.400	192.500	191.000	3.5
2006	194.000	194.200	195.300	197.200	198.200	198.600	199.200	199.600	198.400	197.000	196.800	197.200	197.100	3.2
2007	197.559	198.544	200.612	202.130	203.661	203.906	203.700	203.199	203.889	204.338	205.891	205.777	202.767	2.9
2008	206.744	207.254	209.147	210.698	212.788	215.223	216.304	215.247	214.935	212.182	207.296	204.813	211.053	4.1
2009	205.700	206.708	207.218	207.925	208.774	210.972	210.526	211.156	211.322	211.549	212.003	211.703	209.630	-0.7
2010	212.568	212.544	213.525	213.958	214.124	213.839	213.898	214.205	214.306	214.623	214.750	215.262	213.967	2.1
2011	216.400	217.535	220.024	221.743	222.954	222.522	222.686	223.326						

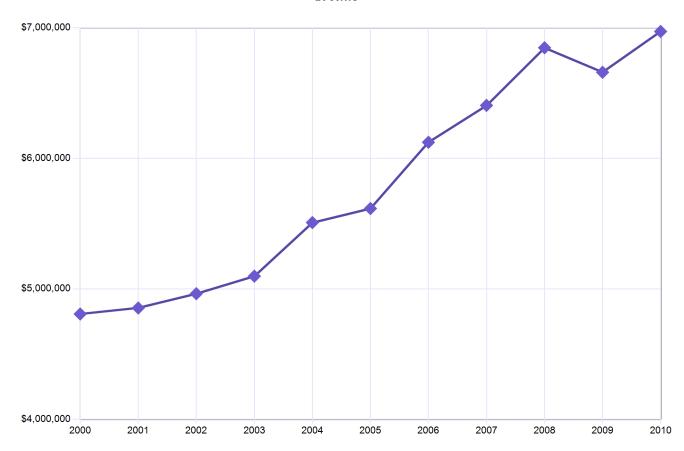
Note: CPI data is for the United States only. No data available for Washington County.

The CPI-U includes expenditures by urban wage earners and clerical workers, professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, retirees and others not in the labor force. The CPI-W only includes expenditures by those in hourly wage earning or clerical jobs.

Source: Bureau of Labor Statistics, Consumer Price Indexes (CPI) Program.

## **Local Option Sales Tax**

### Trends



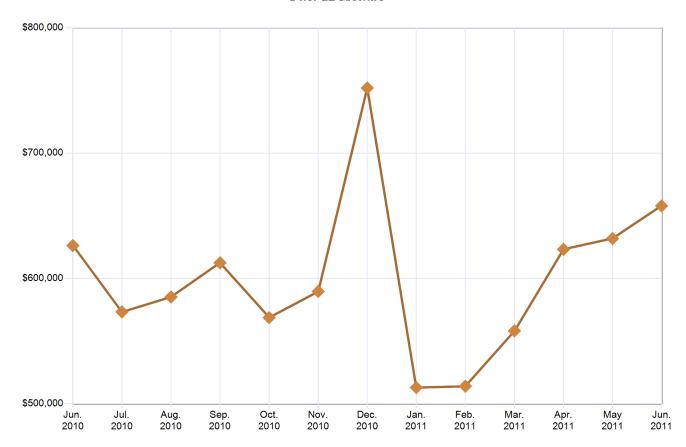
	Washington County	Virginia
2000	\$4,807,274	\$777,850,960
2001	\$4,853,228	\$777,241,737
2002	\$4,962,977	\$789,905,170
2003	\$5,097,384	\$838,275,059
2004	\$5,507,847	\$914,499,686
2005	\$5,615,540	\$976,923,577
2006	\$6,123,141	\$1,028,544,074
2007	\$6,405,711	\$1,056,766,678
2008	\$6,847,456	\$1,032,815,078
2009	\$6,659,332	\$979,594,664
2010	\$6,972,101	\$992,820,512

Note: This data is based on Virginia sales tax revenues deposited, rather than the actual taxable sales figures as reported on a dealer's return.

Source: Virginia Department of Taxation, Revenue Forecasting.

## **Local Option Sales Tax**

Past 12 Months



	Washington County	Virginia
Jun. 2010	\$626,237	\$87,187,573
Jul. 2010	\$573,285	\$82,551,043
Aug. 2010	\$585,192	\$81,354,444
Sep. 2010	\$612,486	\$86,940,858
Oct. 2010	\$568,729	\$83,031,897
Nov. 2010	\$589,617	\$82,342,664
Dec. 2010	\$752,020	\$102,695,881
Jan. 2011	\$512,923	\$74,641,844
Feb. 2011	\$513,984	\$74,941,174
Mar. 2011	\$558,180	\$84,495,493
Apr. 2011	\$623,162	\$86,985,262
May 2011	\$631,855	\$85,406,955
Jun. 2011	\$657,925	\$92,135,494

Note: This data is based on Virginia sales tax revenues deposited, rather than the actual taxable sales figures as reported on a dealer's return.

Source: Virginia Department of Taxation, Revenue Forecasting.

## IV. Education Profile

#### Overview

The Education Profile for Washington County provides an assortment of data collected from the National Center for Education Statistics (NCES) and the United States Census Bureau.

Education levels for individuals ages 25 and over are broken down by the following categories: high school graduate/GED, some college, associate's degree, bachelor's degree, post-graduate degree. Also provided are the annual graduate data trends for the past 10 years. The program completion data is taken from a database that includes information from over 2,300 schools across the Commonwealth of Virginia and is broken down into 10 degree/certificate levels. Completing this profile is a sample of the various training providers in Washington County offering post-secondary instructional programs. The sample includes the top 10 schools with the largest number of graduates for the 2006-2007 academic year.



### **Related Terms and Definitions**

#### Associate's degree

An award that normally requires at least two but less than four years of full-time equivalent college work.

#### Bachelor's degree

An award that normally requires at least four but not more than five years of full-time equivalent college-level work.

#### Post-baccalaureate certificate

An award that requires completion of an organized program of study equivalent to 18 semester credit hours beyond the bachelor's. It is designed for persons who have completed a bachelor's degree, but do not meet the requirements of a master's degree.

### Master's degree

An award that requires the successful completion of a program of study of at least the full-time equivalent of one but not more than two academic years of work beyond the bachelor's degree.

#### Post-master's certificate

An award that requires completion of an organized program of study equivalent to 24 semester credit hours beyond the master's degree, but does not meet the requirements of academic degrees at the doctor's level.

### Doctor's degree

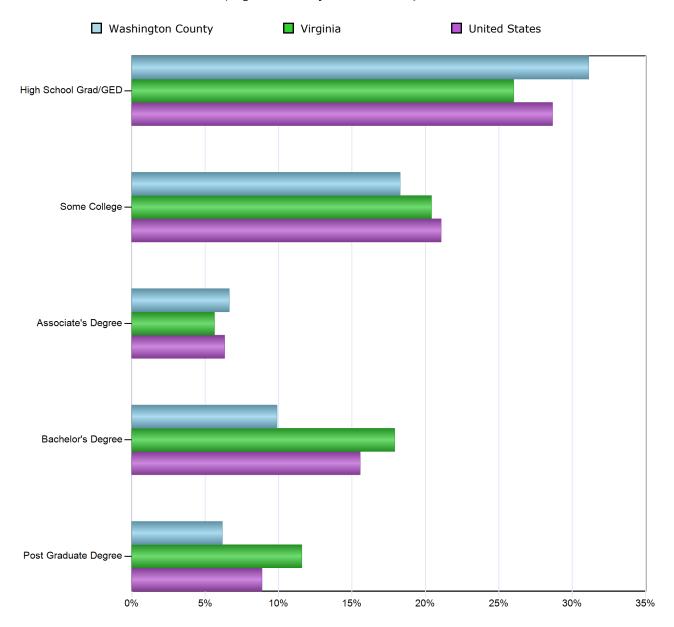
The highest award a student can earn for graduate study.

### First-professional degree

An award that requires completion of a program that meets all of the following criteria: (1) completion of the academic requirements to begin practice in the profession; (2) at least two years of college work prior to entering the program; and (3) a total of at least six academic years of college work to complete the degree program, including prior required college work plus the length of the professional program itself.

### **Education Level**

(Population 25 years and over)



	Washington County	Virginia	United States
High School Grad/GED	11,216	1,212,463	52,168,981
Some College	6,590	951,700	38,351,595
Associate's Degree	2,395	262,813	11,512,833
Bachelor's Degree	3,566	835,011	28,317,792
Post Graduate Degree	2,224	539,977	16,144,813

Source: 2000 Census.

### **Graduate Data Trends**

### **Washington County**

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.		Cert. Post-BA		Cert. Post-MA	Ph.D.	1st Prof.
1997	212	104	163		162					
1998	193	88	166		161					
2000	157	86	134		171					
2001	100	51	175		173		9			
2002	165	40	150		188		2			
2003	158	69	150		157		1			
2004	167	62	189		153		42			
2005	130	70	163		186					
2006	134	49	155		228		51			
2007	87	122	160		218		68			

Note: This table only reflects the degrees completed from institutions within Washington County.

### Virginia Statewide

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.	ВА	Cert. Post-BA	МА	Cert. Post-MA	Ph.D.	1st Prof.
1997	2,904	2,269	9,242	158	26,416	261	9,800	184	945	1,902
1998	3,319	2,440	8,969	259	26,648	185	9,560	184	886	1,919
2000	3,804	2,368	9,223	212	28,948	451	9,431	113	917	2,181
2001	4,710	2,419	9,581	175	30,709	339	9,424	104	871	2,134
2002	4,970	2,730	10,241	134	30,653	441	9,303	95	954	2,213
2003	5,245	3,079	11,174	97	32,635	178	9,948	447	974	2,133
2004	4,465	3,772	11,400	76	33,392	247	10,487	360	1,033	2,407
2005	3,983	3,831	11,833	77	34,615	476	11,255	251	1,268	2,496
2006	4,213	4,298	14,431	102	39,247	608	12,429	225	1,440	2,490
2007	4,478	3,686	15,519	116	40,381	650	12,781	252	1,516	2,626

Source: U.S. Department of Education, Institute of Education Sciences (IES).

## Did you know...

you can search over 2,300 school listings online provided by the U.S. Department of Education?

For this data and more, visit us on the web at:

www.VirginiaLMI.com



### **Training Providers**

### Virginia Polytechnic Institute and State

Blacksburg, VA 24061-0131

Phone: (540) 023-6000

www.vt.edu

Number of 2007 graduates: 6,948

**Radford University** 

East Main Street

Radford, VA 24141-0672

Phone: (540) 083-5000

www.radford.edu

Number of 2007 graduates: 2,268

**Virginia Intermont College** 

1013 Moore Street Bristol, VA 24201-

Phone: (276) 666-6101

www.vic.edu

Number of 2007 graduates: 465

**New River Community College** 

5251 College Drive

Dublin, VA 24084-1127

Phone: (540) 067-3600

www.nr.edu

Number of 2007 graduates: 338

**Virginia Highlands Community College** 

100 Vhcc Drive

Abingdon, VA 24212-0828

Phone: (276) 673-2400

www.vhcc.edu

Number of 2007 graduates: 309

Source: U.S. Department of Education, Institute of Education Sciences (IES), 2007.

#### **Wytheville Community College**

1000 E Main St

Wytheville, VA 24382-3308

Phone: (276) 622-4700 www.wcc.vccs.edu

Number of 2007 graduates: 287

**Emory and Henry College** 

1 Garnand Drive

Emory, VA 24327-0947

Phone: (276) 694-4121

www.ehc.edu

Number of 2007 graduates: 286

**VA College of Osteopathic Medicine** 

2265 Kraft Dr

Blacksburg, VA 24060-

Phone: (540) 023-4000

www.vcom.vt.edu

Number of 2007 graduates: 120

**Washington County Adult Skill Center** 

848 Thompson Dr

Abingdon, VA 24210-

Phone: (276) 667-1948

wcsc.wcs.k12.va.us

Number of 2007 graduates: 60