Virginia

COMMUNITY PROFILE

Shenandoah County





Virginia Employment Commission

703 East Main Street • Richmond, Virginia 23219 Tel: (804) 786-8223 • www.VirginiaLMI.com

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I. Introduction

This report provides a community profile of Shenandoah County. It is intended to complement 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

This Demographic Profile provides an in-depth analysis of the population in Shenandoah County. Most of the data is produced by the U.S. Census Bureau, and includes demographic characteristics such as age, race/ethnicity, and gender.



Related 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, 2010. 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

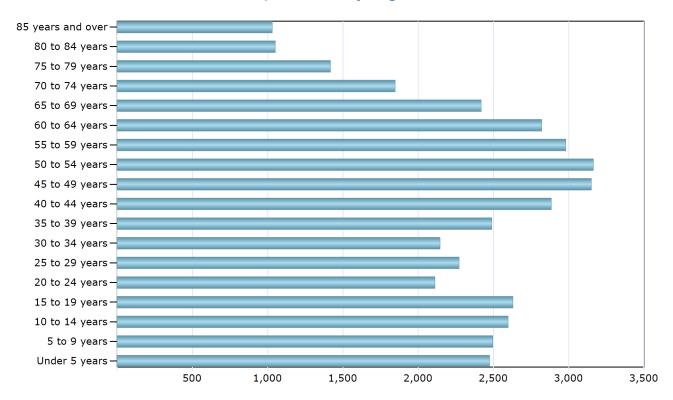
The data on gender were derived from answers to a question that was asked of all people. Individuals were asked to mark either "male" or "female" to indicate their gender. For most cases in which gender was not reported, it was determined by the appropriate entry from the person's given (i.e., first) 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: In the past, our population by race/ethnicity data has always excluded the Hispanic ethnicity from each race category. Starting in January 2013, each race category now includes all ethnicities.

Population by Age



	Shenandoah County	Virginia	United States
Under 5 years	2,475	509,625	20,201,362
5 to 9 years	2,496	511,849	20,348,657
10 to 14 years	2,598	511,246	20,677,194
15 to 19 years	2,630	550,965	22,040,343
20 to 24 years	2,112	572,091	21,585,999
25 to 29 years	2,273	564,342	21,101,849
30 to 34 years	2,146	526,077	19,962,099
35 to 39 years	2,490	540,063	20,179,642
40 to 44 years	2,885	568,865	20,890,964
45 to 49 years	3,152	621,155	22,708,591
50 to 54 years	3,165	592,845	22,298,125
55 to 59 years	2,981	512,595	19,664,805
60 to 64 years	2,822	442,369	16,817,924
65 to 69 years	2,420	320,302	12,435,263
70 to 74 years	1,848	229,502	9,278,166
75 to 79 years	1,418	173,929	7,317,795
80 to 84 years	1,051	130,801	5,743,327
85 years and over	1,031	122,403	5,493,433
	41,993	8,001,024	308,745,538

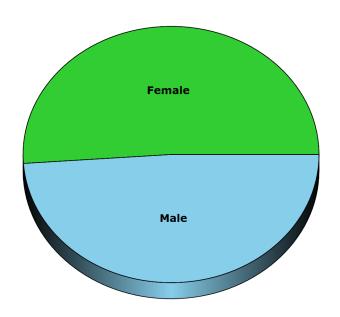
Source: 2010 Census.

Population by Race/Ethnicity

	Shenandoah County	Virginia	United States
otal			
Total Population	41,993	8,001,024	308,745,538
ace			
White	39,070	5,486,852	223,553,265
Black or African American	734	1,551,399	38,929,319
American Indian or Alaska Native	101	29,225	2,932,248
Asian	217	439,890	14,674,252
Native Hawaiian/Pacific Islander	7	5,980	540,013
Other	1,185	254,278	19,107,368
Multiple Races	679	233,400	9,009,073
thnicity			
Not Hispanic or Latino (of any race)	39,416	7,369,199	258,267,944
Hispanic or Latino (of any race)	2,577	631,825	50,477,594

Source: 2010 Census.

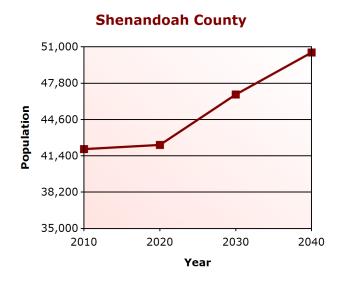
Population by Gender

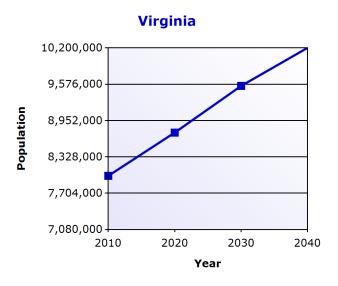


	Shenandoah County	Virginia	United States
Male	20,529	3,925,983	151,781,326
Female	21,464	4,075,041	156,964,212
	41,993	8,001,024	308,745,538

Source: 2010 Census.

Population Change





	Shenandoah County	(% change)	Number Change	Virginia	(% change)
2000	35,075			7,079,030	
2010	41,993	19.72 %		8,001,024	13.02 %
2020	42,363	0.88 %		8,744,273	9.29 %
2030	46,803	10.48 %		9,546,958	9.18 %
2040	50,507	7.91 %		10,201,530	6.86 %

Source: U.S. Census Bureau, Weldon Cooper Center for Public Service.

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!



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

www.VirginiaLMI.com

	Shenand	oah	County
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Demographic Profile

Number Change

Population Projections by Age and Gender

	2020		2030		2040	
	Female	Male	Female	Male	Female	Male
Under 5 years	1,138	1,173	1,311	1,351	1,431	1,475
5 to 9 years	1,121	1,132	1,302	1,314	1,435	1,448
10 to 14 years	1,338	1,346	1,471	1,480	1,664	1,674
15 to 19 years	1,104	1,268	1,173	1,348	1,338	1,537
20 to 24 years	966	964	1,175	1,173	1,269	1,267
25 to 29 years	1,174	1,181	1,247	1,254	1,301	1,309
30 to 34 years	1,170	1,188	1,259	1,278	1,505	1,527
35 to 39 years	1,210	1,155	1,477	1,409	1,541	1,470
40 to 44 years	1,107	1,087	1,433	1,406	1,515	1,486
45 to 49 years	1,191	1,197	1,333	1,339	1,597	1,605
50 to 54 years	1,378	1,316	1,235	1,179	1,569	1,498
55 to 59 years	1,477	1,485	1,317	1,325	1,448	1,457
60 to 64 years	1,497	1,480	1,501	1,484	1,320	1,306
65 to 69 years	1,705	1,511	1,698	1,505	1,536	1,361
70 to 74 years	1,472	1,248	1,564	1,327	1,577	1,338
75 to 79 years	1,068	927	1,403	1,219	1,383	1,201
80 to 84 years	812	481	1,173	695	1,238	734
85 years and over	881	415	1,119	527	1,460	687
	21,809	20,554	24,191	22,613	26,127	24,380
	42,363		46,804		50,507	

Source: Weldon Cooper Center for Public Service.

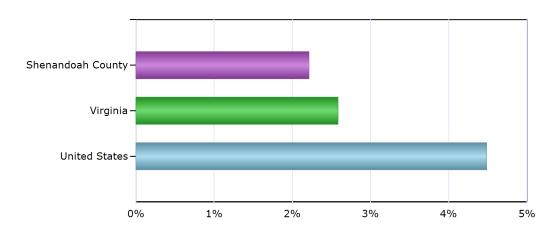
Population Projections by Race/Ethnicity

2020	2030	2040
42,363	46,803	50,507
35,819	36,144	34,287
693	694	653
307	497	817
712	817	872
4,832	8,651	13,878
	35,819 693 307 712	35,819 36,144 693 694 307 497 712 817

Source: Weldon Cooper Center for Public Service.

English Language Skills

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

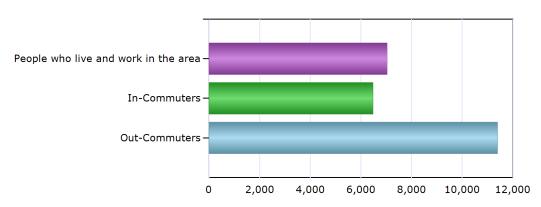


	Total	Speak English less than well	Percent
Shenandoah County	40,425	895	2.21%
Virginia	7,800,044	201,628	2.58%
United States	298,691,202	13,400,003	4.49%

Source: U.S. Census Bureau

American Community Survey, 2012-2016.

Commuting Patterns



Commuting Patterns	
People who live and work in the area	7,034
In-Commuters	6,477
Out-Commuters	11,394
Net In-Commuters (In-Commuters minus Out-Commuters)	-4,917

Source: U.S. Census Bureau,

OnTheMap Application and LEHD Origin-Destination Employment Statistics, 2014.

Top 10 Places Residents are Commuting To

Area	Workers
Winchester city, VA	1,382
Frederick County, VA	1,354
Fairfax County, VA	1,314
Warren County, VA	1,037
Loudoun County, VA	760
Rockingham County, VA	681
Prince William County, VA	468
Harrisonburg city, VA	286
Henrico County, VA	214
Page County, VA	214

Top 10 Places Workers are Commuting From

Area	Workers
Rockingham County, VA	1,246
Frederick County, VA	850
Page County, VA	547
Warren County, VA	486
Harrisonburg city, VA	400
Winchester city, VA	317
Loudoun County, VA	170
Hardy County, WV	162
Berkeley County, WV	120
Hampshire County, WV	119

Source: U.S. Census Bureau,

OnTheMap Application and LEHD Origin-Destination Employment Statistics, 2014.

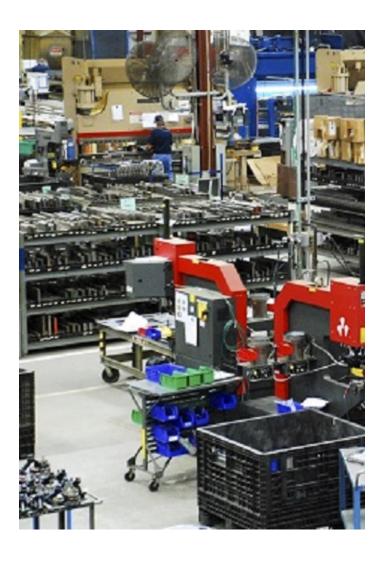
Please Note: Commuting patterns data is no longer produced from the Decennial Census. As an alternative, we are providing commuting data from the U.S. Census Bureau's OnTheMap application and LEHD Origin-Destination Employment Statistics program. Since this data is produced from an entirely different data set, it is not advisable to compare the new data with previously released commuting patterns. For more information about the OnTheMap application or the LEHD program, please visit the following website:

http://lehd.ces.census.gov

III. Economic Profile

Overview

The Economic Profile of Shenandoah County consists primarily of data produced by the Virginia Employment Commission, U.S. Census Bureau, and the Bureau of Labor Statistics.



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)

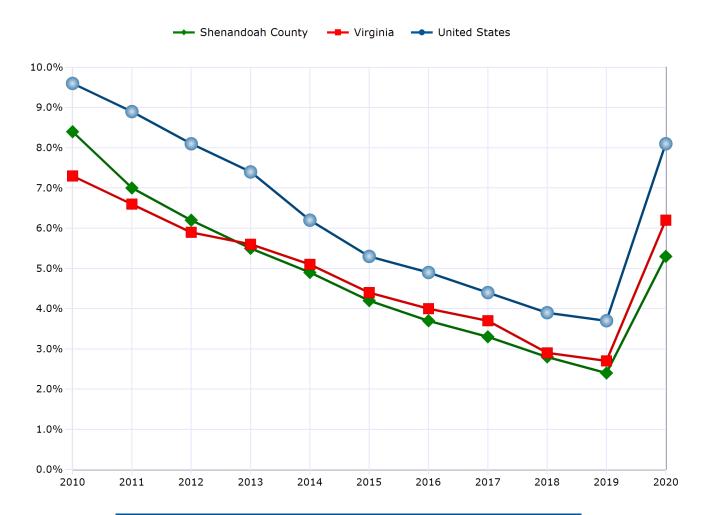
Unemployment insurance is a program for the accumulation of funds paid by employers to be used for the payment of unemployment insurance to workers during periods of unemployment which are beyond the workers' control. Unemployment insurance replaces a part of the worker's wage loss if he becomes eligible for payments.

Unemployment Rate

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

Unemployment Rates

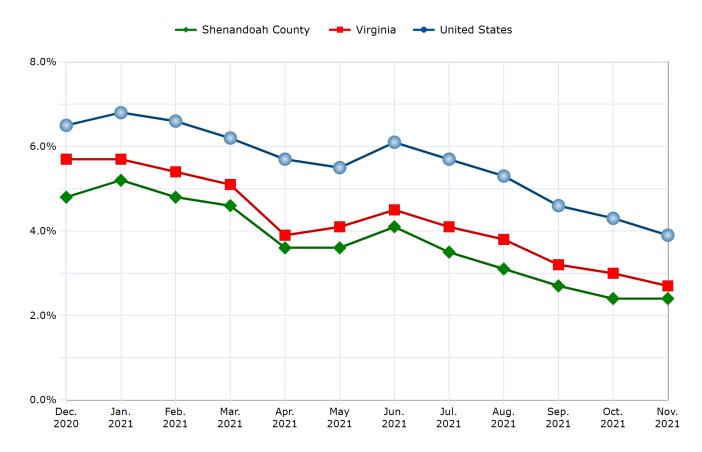
Trends



	Shenandoah County	Virginia	United States
2010	8.4%	7.3%	9.6%
2011	7.0%	6.6%	8.9%
2012	6.2%	5.9%	8.1%
2013	5.5%	5.6%	7.4%
2014	4.9%	5.1%	6.2%
2015	4.2%	4.4%	5.3%
2016	3.7%	4.0%	4.9%
2017	3.3%	3.7%	4.4%
2018	2.8%	2.9%	3.9%
2019	2.4%	2.7%	3.7%
2020	5.3%	6.2%	8.1%

Source: Virginia Employment Commission, Economic Information & Analytics, Local Area Unemployment Statistics.

Unemployment Rates Past 12 Months



	Shenandoah County	Virginia	United States
Dec. 2020	4.8%	5.7%	6.5%
Jan. 2021	5.2%	5.7%	6.8%
Feb. 2021	4.8%	5.4%	6.6%
Mar. 2021	4.6%	5.1%	6.2%
Apr. 2021	3.6%	3.9%	5.7%
May 2021	3.6%	4.1%	5.5%
Jun. 2021	4.1%	4.5%	6.1%
Jul. 2021	3.5%	4.1%	5.7%
Aug. 2021	3.1%	3.8%	5.3%
Sep. 2021	2.7%	3.2%	4.6%
Oct. 2021	2.4%	3.0%	4.3%
Nov. 2021	2.4%	2.7%	3.9%

Source: Virginia Employment Commission, Economic Information & Analytics, Local Area Unemployment Statistics.

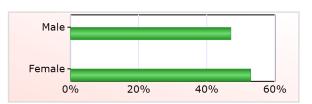
Characteristics of the Insured Unemployed

Total number of claimants:

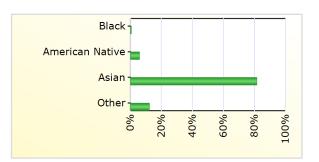
Shenandoah County - (claimants)

Virginia - (189 claimants)

Gender	Shenandoah County	Virginia
Male		89
Female		100
Unspecified		



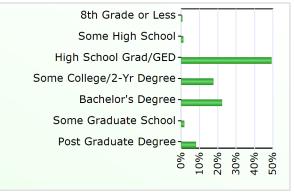
Race	Shenandoah County	Virginia
White		
Black		1
American Native		11
Asian		154
Other		23
Hispanic or Latino		



Age	Shenandoah County	Virginia
Under 22 years		3
22 to 24 years		9
25 to 34 years		50
35 to 44 years		43
45 to 54 years		46
55 to 64 years		28
65 years and over		10
Unknown		



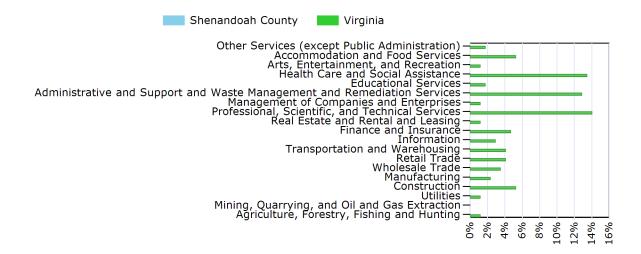
Education	Shenandoah County	Virginia
8th Grade or Less		1
Some High School		2
High School Grad/GED		93
Some College/2-Yr Degree		33
Bachelor's Degree		42
Some Graduate School		3
Post Graduate Degree		15
Unknown		



Source: Virginia Employment Commission, Economic Information & Analytics, Characteristics of the Insured Unemployed, December 2021.

Characteristics of the Insured Unemployed

Top 5 Industries With Largest Number of Claimants in Shenandoah County (excludes unclassified)



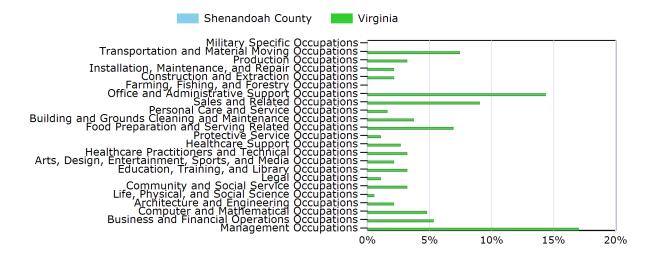
Industry	Shenandoah County	Virginia
Agriculture, Forestry, Fishing and Hunting		2
Mining, Quarrying, and Oil and Gas Extraction		
Utilities		2
Construction		9
Manufacturing		4
Wholesale Trade		6
Retail Trade		7
Transportation and Warehousing		7
Information		5
Finance and Insurance		8
Real Estate and Rental and Leasing		2
Professional, Scientific, and Technical Services		24
Management of Companies and Enterprises		2
Administrative and Support and Waste Management and Remediation Services		22
Educational Services		3
Health Care and Social Assistance		23
Arts, Entertainment, and Recreation		2
Accommodation and Food Services		9
Other Services (except Public Administration)		3
Unclassified		31

Source: Virginia Employment Commission, Economic Information & Analytics, Characteristics of the Insured Unemployed, December 2021.

Characteristics of the Insured Unemployed

Top 5 Occupation Groups With Largest Number of Claimants in Shenandoah County

(excludes unknown occupations)

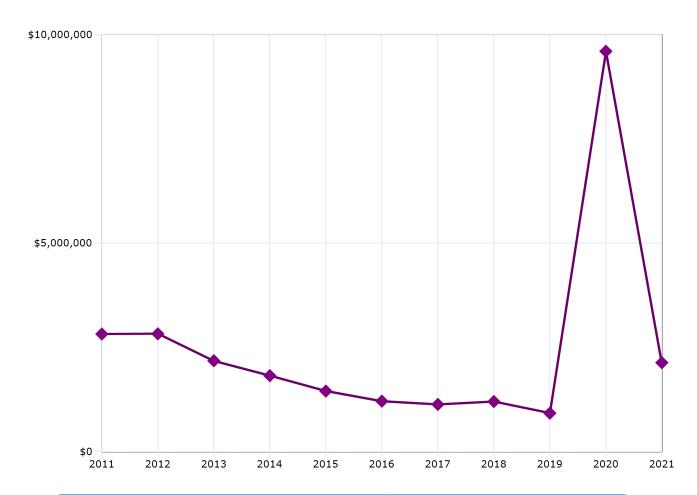


Occupation	Shenandoah County	Virginia
Management Occupations		32
Business and Financial Operations Occupations		10
Computer and Mathematical Occupations		9
Architecture and Engineering Occupations		4
Life, Physical, and Social Science Occupations		1
Community and Social Service Occupations		6
Legal Occupations		2
Education, Training, and Library Occupations		6
Arts, Design, Entertainment, Sports, and Media Occupations		4
Healthcare Practitioners and Technical Occupations		6
Healthcare Support Occupations		5
Protective Service Occupations		2
Food Preparation and Serving Related Occupations		13
Building and Grounds Cleaning and Maintenance Occupations		7
Personal Care and Service Occupations		3
Sales and Related Occupations		17
Office and Administrative Support Occupations		27
Farming, Fishing, and Forestry Occupations		
Construction and Extraction Occupations		4
Installation, Maintenance, and Repair Occupations		4
Production Occupations		6
Transportation and Material Moving Occupations		14
Military Specific Occupations		
Unknown Occupation Code		6

Source: Virginia Employment Commission, Economic Information & Analytics, Characteristics of the Insured Unemployed, December 2021.

Unemployment Insurance Payments

Trends

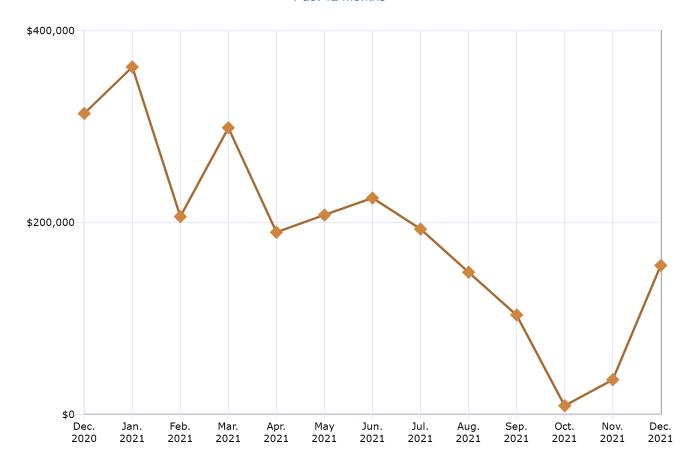


	Shenandoah County			Virgiı	nia
-	Weeks Paid	Amount Paid	Week	s Paid	Amount Paid
2011	10,918	\$2,824,553	2,2	42,341	\$612,702,314
2012	10,375	\$2,828,425	2,1	02,986	\$592,044,339
2013	8,317	\$2,183,386	1,9	99,039	\$574,074,609
2014	6,869	\$1,825,780	1,6	84,690	\$490,522,709
2015	5,061	\$1,455,511	1,1	98,476	\$351,290,100
2016	4,233	\$1,215,109	1,2	63,292	\$379,622,081
2017	3,915	\$1,136,249	1,1	14,650	\$336,664,624
2018	4,021	\$1,205,260	9	41,154	\$286,468,017
2019	3,043	\$926,128	8	67,371	\$269,014,541
2020	35,420	\$9,602,497	8,6	00,869	\$2,279,487,650
2021	7,471	\$2,137,693	1,6	01,885	\$458,078,646

Source: Virginia Employment Commission, Economic Information & Analytics, Unemployment Insurance Program.

Unemployment Insurance Payments

Past 12 Months



	Shenandoah County		Virgi	nia
	Weeks Paid	Amount Paid	Weeks Paid	Amount Paid
Dec. 2020	1,178	\$313,799	264,721	\$72,517,142
Jan. 2021	1,257	\$362,343	206,663	\$58,627,142
Feb. 2021	721	\$206,409	128,393	\$35,675,688
Mar. 2021	1,094	\$298,941	213,920	\$60,192,022
Apr. 2021	695	\$189,984	164,763	\$47,371,016
May 2021	753	\$207,947	172,687	\$48,509,239
Jun. 2021	818	\$225,715	165,442	\$46,213,815
Jul. 2021	653	\$193,283	143,303	\$40,341,532
Aug. 2021	495	\$148,336	115,346	\$33,627,145
Sep. 2021	390	\$103,807	85,447	\$25,371,568
Oct. 2021	30	\$9,196	55,216	\$16,476,374
Nov. 2021	117	\$36,338	75,491	\$19,892,797
Dec. 2021	448	\$155,394	75,214	\$25,780,308

Source: Virginia Employment Commission, Unemployment Insurance Program.

Employers by Size of Establishment

	Shenandoah County	Virginia
0 to 4 employees	698	187,825
5 to 9 employees	197	40,073
10 to 19 employees	116	29,228
20 to 49 employees	72	21,372
50 to 99 employees	25	7,260
100 to 249 employees	9	3,648
250 to 499 employees	4	1,071
500 to 999 employees	***	358
1000 and over employees	***	244
	1,124	291,079

Employment by Size of Establishment

	Shenandoah County	Virginia
0 to 4 employees	968	248,371
5 to 9 employees	1,300	265,269
10 to 19 employees	1,575	397,754
20 to 49 employees	2,089	643,674
50 to 99 employees	1,783	499,801
100 to 249 employees	1,478	543,891
250 to 499 employees	1,561	365,074
500 to 999 employees	***	244,751
1000 and over employees	***	644,456
	13,167	3,853,041

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

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

Source: Virginia Employment Commission, Economic Information & Analytics,

Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2021.

50 Largest Employers

- 1. Shenandoah County School Board
- 2. George's Chicken
- 3. Shentel Management Company
- 4. Bowman Andros Products
- 5. Valley Health System
- 6. County of Shenandoah
- 7. Masco Builder Cabinet Gro
- 8. Wal Mart
- 9. Iac Strasburg LLC
- 10. Mercury Paper Inc
- 11. Food Lion
- 12. New Market Poultry LLC
- 13. Holtzman Oil Corporation
- 14. Lowes' Home Centers, Inc.
- 15. Forrest L. Preston
- 16. Howell Metal Company
- 17. Holtzman Propane LC
- 18. Administaff
- 19. Stat Nursing LLC
- 20. Cracker Barrel Old Country Store
- 21. Skyline Terrace Nursing Home
- 22. Town of Strasburg
- 23. Bryce Resort
- 24. McDonalds
- 25. First Bank

- 26. TOMS King
- 27. Kennametal, Inc.
- 28. Lazerspot Inc
- 29. Postal Service
- 30. Pilot Travel Centers LLC
- 31. Loves Travel Stops & Coun Inc
- 32. Town of Woodstock
- 33. Appalachian Freight Carriers Inc
- 34. VDOT
- 35. Kickin' Asphalt Paving & Sealing
- 36. Americold Logistics LLC
- 37. Criswell Ford
- 38. Good Life Corporation
- 39. Jackson Travel
- 40. Shenvalee Lodge, Inc.
- 41. George's Foods
- 42. Massautten Military Academy
- 43. Shenandoah County Department of Social Services
- 44. Northwest Community Mental Health and Retardation Services
- 45. Shen Paco Industries
- 46. Holtzman Transport
- 47. Southern Kitchen
- 48. Deangelo Brothers Inc.
- 49. Route 11 Potato Chips
- 50. Ability Home Care, LLC

Source: Virginia Employment Commission, Economic Information & Analytics, Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2021.

Did you know...

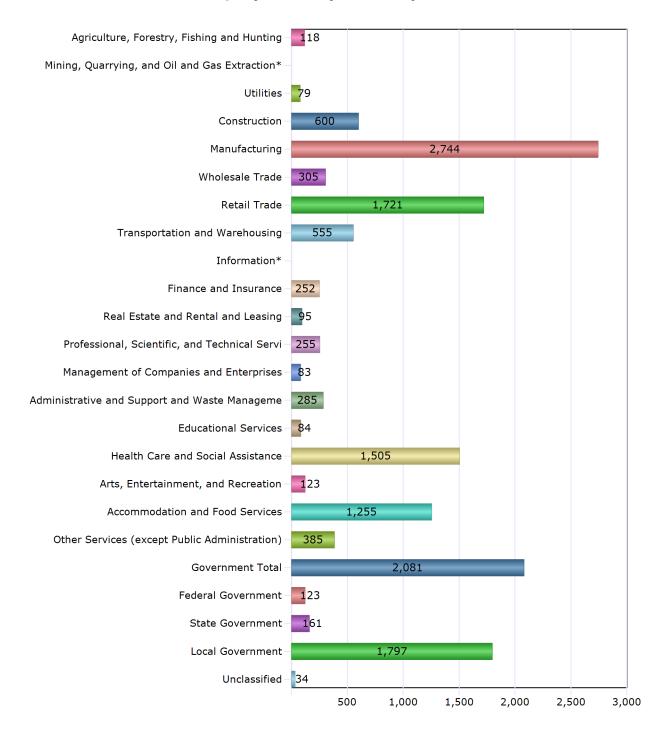
you can search over 300,000 employer listings on our website provided by Infogroup? This easy-to-use feature lets you search for employers by keyword, industry, sales volume, size range, and more!



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

www.VirginiaLMI.com

Employment by Industry

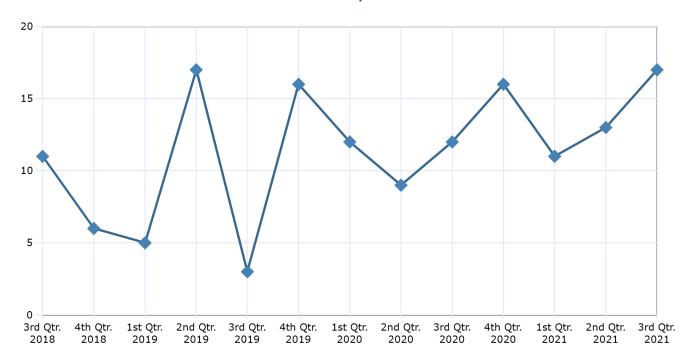


Total: 13,166

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

Source: Virginia Employment Commission, Economic Information & Analytics, Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2021.

New Startup Firms



	Shenandoah County	Virginia
3rd Qtr. 2018	11	4,028
4th Qtr. 2018	6	3,641
1st Qtr. 2019	5	4,381
2nd Qtr. 2019	17	4,302
3rd Qtr. 2019	3	1,093
4th Qtr. 2019	16	4,219
1st Qtr. 2020	12	4,299
2nd Qtr. 2020	9	3,279
3rd Qtr. 2020	12	4,309
4th Qtr. 2020	16	4,433
1st Qtr. 2021	11	5,190
2nd Qtr. 2021	13	4,866
3rd Qtr. 2021	17	4,967

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

- 1.) Setup and liability date both occurred during 3rd Quarter (July, August, September) 2021
- 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, Economic Information & Analytics, Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2021.

New Hires by Industry



Total:

Source: U.S. Census Bureau,

Local Employment Dynamics (LED) Program, , all ownerships.

Turnover by Industry

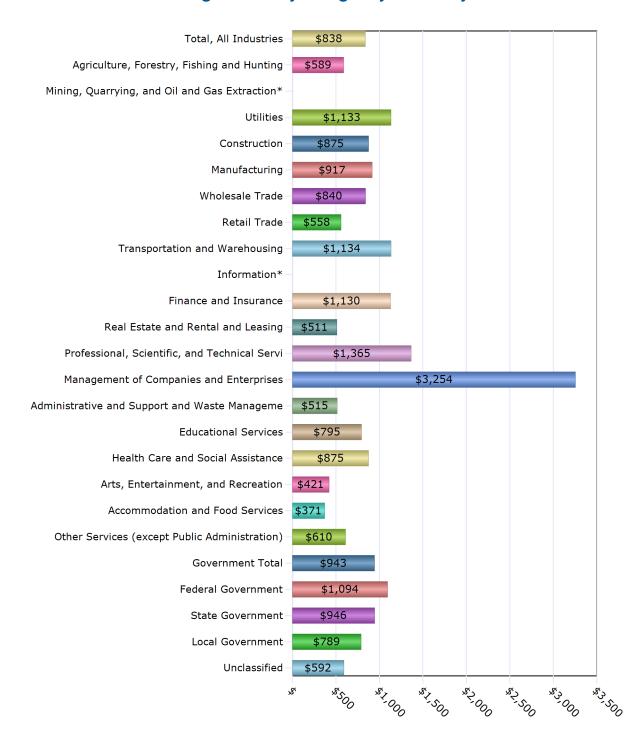


Average:

Source: U.S. Census Bureau,

Local Employment Dynamics (LED) Program, , all ownerships.

Average Weekly Wage by Industry



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

Source: Virginia Employment Commission, Economic Information & Analytics, Quarterly Census of Employment and Wages (QCEW), 3rd Quarter (July, August, September) 2021.

Age of Workers by Industry

	14-18	19-21	22-24	25-34	35-44	45-54	55-64	65+
Total, All Industries								
Agriculture, Forestry, Fishing and Hunting								
Mining, Quarrying, and Oil and Gas Extraction								
Utilities								
Construction								
Manufacturing								
Wholesale Trade		'						
Retail Trade								
Transportation and Warehousing								
Information								
Finance and Insurance								
Real Estate and Rental and Leasing								
Professional, Scientific, and Technical Servi								
Management of Companies and Enterprises								
Administrative and Support and Waste Manageme	,	'	,					
Educational Services								
Health Care and Social Assistance		,						
Arts, Entertainment, and Recreation	·	,						
Accommodation and Food Services	Accommodation and Food Services							
Other Services (except Public Administration)			,					
Public Administration								

Source: U.S. Census Bureau,

Local Employment Dynamics (LED) Program, , all ownerships.

What is LED?

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



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

Industry Employment and Projections

Long Term

		Employment		Percent		
	Estimated 2014	Projected 2024	Change	Total	Annual	
Total, All Industries	220,023	238,946	18,923	8.6%	.83%	
Agriculture, Forestry, Fishing and Hunting	491	561	70	14.26%	1.34%	
Mining, Quarrying, and Oil and Gas Extraction	281	280	-1	36%	04%	
Utilities	612	546	-66	-10.78%	-1.13%	
Construction	10,419	11,636	1,217	11.68%	1.11%	
Manufacturing	31,099	29,256	-1,843	-5.93%	61%	
Wholesale Trade	5,787	5,895	108	1.87%	.19%	
Retail Trade	26,114	27,872	1,758	6.73%	.65%	
Transportation and Warehousing	10,233	11,270	1,037	10.13%	.97%	
Information	2,686	2,606	-80	-2.98%	3%	
Finance and Insurance	4,906	5,290	384	7.83%	.76%	
Real Estate and Rental and Leasing	2,194	2,282	88	4.01%	.39%	
Professional, Scientific, and Technical Servi	5,683	6,582	899	15.82%	1.48%	
Management of Companies and Enterprises	2,881	2,995	114	3.96%	.39%	
Administrative and Support and Waste Manageme	7,871	8,593	722	9.17%	.88%	
Educational Services	25,370	28,703	3,333	13.14%	1.24%	
Health Care and Social Assistance	27,211	33,047	5,836	21.45%	1.96%	
Arts, Entertainment, and Recreation	2,509	2,769	260	10.36%	.99%	
Accommodation and Food Services	22,117	24,743	2,626	11.87%	1.13%	
Other Services (except Public Administration)	5,521	6,031	510	9.24%	.89%	

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

Projections data is for Shenandoah Valley (LWDA IV). No data available for Shenandoah County.

Source: Virginia Employment Commission, Economic Information & Analytics,

Long Term Industry and Occupational Projections, 2014-2024.

Industry Employment and Projections

Short Term

		Employment		Percent		
	Estimated 2015	Projected 2017	Change	Total	Annual	
Total, All Industries	3,977,496	4,093,656	116,160	2.92%	1.45%	
Agriculture, Forestry, Fishing and Hunting	4,210	4,433	223	5.3%	2.61%	
Mining, Quarrying, and Oil and Gas Extraction	6,805	5,869	-936	-13.75%	-7.13%	
Utilities	10,717	10,695	-22	21%	1%	
Construction	185,026	195,598	10,572	5.71%	2.82%	
Manufacturing	232,632	233,073	441	.19%	.09%	
Wholesale Trade	110,001	111,188	1,187	1.08%	.54%	
Retail Trade	412,345	421,889	9,544	2.31%	1.15%	
Transportation and Warehousing	112,837	117,619	4,782	4.24%	2.1%	
Information	69,554	68,654	-900	-1.29%	65%	
Finance and Insurance	131,712	136,266	4,554	3.46%	1.71%	
Real Estate and Rental and Leasing	52,593	53,535	942	1.79%	.89%	
Professional, Scientific, and Technical Servi	394,584	409,625	15,041	3.81%	1.89%	
Management of Companies and Enterprises	74,086	75,252	1,166	1.57%	.78%	
Administrative and Support and Waste Manageme	224,339	236,780	12,441	5.55%	2.74%	
Educational Services	365,350	372,071	6,721	1.84%	.92%	
Health Care and Social Assistance	427,570	446,476	18,906	4.42%	2.19%	
Arts, Entertainment, and Recreation	56,096	57,991	1,895	3.38%	1.68%	
Accommodation and Food Services	334,516	349,857	15,341	4.59%	2.27%	
Other Services (except Public Administration)	133,850	136,332	2,482	1.85%	.92%	

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

Projections data is for Virginia Statewide. No data available for Shenandoah County.

Source: Virginia Employment Commission, Economic Information & Analytics,

Short Term Industry and Occupational Projections, 2015-2017.

Occupation Employment and Projections

Long Term

		Employment			Openings	
	Estimated 2014	Projected 2024	% Change	Replace -ments	Growth	Total
Total, All Occupations	220,023	238,946	8.6%	5,301	2,102	7,403
Management Occupations	7,157	7,704	7.64%	167	57	224
Business and Financial Operations Occupations	7,279	7,964	9.41%	148	69	217
Computer and Mathematical Occupations	3,393	3,757	10.73%	48	38	86
Architecture and Engineering Occupations	2,020	2,068	2.38%	48	8	56
Life, Physical, and Social Science Occupations	1,187	1,304	9.86%	35	14	49
Community and Social Service Occupations	2,702	3,076	13.84%	59	37	96
Legal Occupations	985	1,079	9.54%	18	10	28
Education, Training, and Library Occupations	14,918	17,019	14.08%	314	210	524
Arts, Design, Entertainment, Sports, and Media Occupations	2,968	3,177	7.04%	74	24	98
Healthcare Practitioners and Technical Occupations	11,930	14,088	18.09%	260	216	476
Healthcare Support Occupations	6,429	8,223	27.9%	140	180	320
Protective Service Occupations	4,094	4,625	12.97%	106	53	159
Food Preparation and Serving Related Occupations	19,642	22,275	13.4%	724	274	998
Building and Grounds Cleaning and Maintenance Occupations	9,264	10,059	8.58%	187	80	267
Personal Care and Service Occupations	8,629	9,833	13.95%	176	121	297
Sales and Related Occupations	24,134	25,530	5.78%	763	141	904
Office and Administrative Support Occupations	30,763	32,264	4.88%	692	198	890
Farming, Fishing, and Forestry Occupations	765	772	.92%	18	3	21
Construction and Extraction Occupations	10,178	11,130	9.35%	152	97	249
Installation, Maintenance, and Repair Occupations	10,213	11,075	8.44%	241	90	331
Production Occupations	21,100	20,191	-4.31%	469	36	505
Transportation and Material Moving Occupations	20,273	21,733	7.2%	464	146	610

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

Projections data is for Shenandoah Valley (LWDA IV). No data available for Shenandoah County.

Source: Virginia Employment Commission, Economic Information & Analytics,

Long Term Industry and Occupational Projections, 2014-2024.

Occupation Employment and Projections

Short Term

		Employment			Openings	
	Estimated 2015	Projected 2017	% Change	Replace -ments	Growth	Total
Total, All Occupations	3,977,496	4,093,656	2.92%	92,736	59,171	151,907
Management Occupations	211,684	216,918	2.47%	4,446	2,618	7,064
Business and Financial Operations Occupations	276,201	284,397	2.97%	4,962	4,098	9,060
Computer and Mathematical Occupations	203,891	212,732	4.34%	2,536	4,451	6,987
Architecture and Engineering Occupations	78,184	79,032	1.08%	1,861	488	2,349
Life, Physical, and Social Science Occupations	33,613	34,156	1.62%	820	278	1,098
Community and Social Service Occupations	53,847	56,057	4.1%	1,101	1,105	2,206
Legal Occupations	43,892	44,747	1.95%	712	428	1,140
Education, Training, and Library Occupations	243,781	249,029	2.15%	5,092	2,624	7,716
Arts, Design, Entertainment, Sports, and Media Occupations	61,233	62,553	2.16%	1,408	678	2,086
Healthcare Practitioners and Technical Occupations	205,158	211,360	3.02%	4,160	3,102	7,262
Healthcare Support Occupations	90,672	94,357	4.06%	1,859	1,842	3,701
Protective Service Occupations	105,361	107,514	2.04%	2,354	1,081	3,435
Food Preparation and Serving Related Occupations	327,173	342,449	4.67%	14,249	7,644	21,893
Building and Grounds Cleaning and Maintenance Occupations	151,649	157,036	3.55%	2,839	2,694	5,533
Personal Care and Service Occupations	155,803	163,251	4.78%	3,230	3,728	6,958
Sales and Related Occupations	423,418	432,998	2.26%	13,691	4,790	18,481
Office and Administrative Support Occupations	554,516	566,160	2.1%	11,737	5,962	17,699
Farming, Fishing, and Forestry Occupations	6,868	7,147	4.06%	168	141	309
Construction and Extraction Occupations	187,792	195,659	4.19%	2,884	4,098	6,982
Installation, Maintenance, and Repair Occupations	152,257	156,081	2.51%	3,384	2,080	5,464
Production Occupations	181,313	183,120	1%	3,937	1,364	5,301
Transportation and Material Moving Occupations	229,190	236,903	3.37%	5,304	3,878	9,182

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

Projections data is for Virginia Statewide. No data available for Shenandoah County.

Source: Virginia Employment Commission, Economic Information & Analytics,

Short Term Industry and Occupational Projections, 2015-2017.

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Declining Occupations

		Employment			Openings			
	Estimated 2014	Projected 2024	% Change	Replace -ments	Growth	Total		
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	***	***	***	***	***	***		
Sewing Machine Operators	372	262	-29.57%	2	0	2		
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	271	195	-28.04%	4	0	4		
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	300	217	-27.67%	7	0	7		
Prepress Technicians and Workers	139	107	-23.02%	2	0	2		
Postal Service Clerks	144	112	-22.22%	2	0	2		
Postal Service Mail Carriers	439	342	-22.1%	8	0	8		
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	***	***	***	***	***	***		
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	417	331	-20.62%	5	0	5		
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	117	93	-20.51%	5	0	5		
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	***	***	***	***	***	***		
Mail Clerks and Mail Machine Operators, Except Postal Service	105	87	-17.14%	2	0	2		
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	***	***	***	***	***	***		
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	281	240	-14.59%	10	0	10		
Electrical and Electronic Equipment Assemblers	163	141	-13.5%	2	0	2		
Adhesive Bonding Machine Operators and Tenders	562	497	-11.57%	15	0	15		
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	118	105	-11.02%	3	0	3		
Chemical Equipment Operators and Tenders	***	***	***	***	***	***		
Procurement Clerks	107	96	-10.28%	4	0	4		
Cooks, Fast Food	1,068	964	-9.74%	28	0	28		

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

Projections data is for Shenandoah Valley (LWDA IV). No data available for Shenandoah County.

Source: Virginia Employment Commission, Economic Information & Analytics, Long Term Industry and Occupational Projections, 2014-2024.

Consumer Price Index (CPI)

All Urban Consumers (CPI-U)

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ann.	% chg
2011	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545	226.889	226.421	226.230	225.672	224.939	3.2
2012	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379	231.407	231.317	230.221	229.601	229.594	2.1
2013	230.280	232.166	232.773	232.531	232.945	233.504	233.596	233.877	234.149	233.546	233.069	233.049	232.957	1.5
2014	233.916	234.781	236.293	237.072	237.900	238.343	238.250	237.852	238.031	237.433	236.151	234.812	236.736	1.6
2015	233.707	234.722	236.119	236.599	237.805	238.638	238.654	238.316	237.945	237.838	237.336	236.525	237.017	0.1
2016	236.916	237.111	238.132	239.261	240.229	241.018	240.628	240.849	241.428	241.729	241.353	241.432	240.007	1.3
2017	242.839	243.603	243.801	244.524	244.733	244.955	244.786	245.519	246.819	246.663	246.669	246.524	245.120	2.1
2018	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	252.885	252.038	251.233	251.107	2.4
2019	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974	255.657	1.8
2020	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.918	260.280	260.388	260.229	260.474	258.811	1.2
2021	261.582	263.014	264.877	267.054	269.195	271.696	273.003	273.567	274.310	276.589	277.948			

Urban Wage Earners and Clerical Workers (CPI-W)

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ann.	% chg
2011	216.400	217.535	220.024	221.743	222.954	222.522	222.686	223.326	223.688	223.043	222.813	222.166	221.575	3.6
2012	223.216	224.317	226.304	227.012	226.600	226.036	225.568	227.056	228.184	227.974	226.595	225.889	226.229	2.1
2013	226.520	228.677	229.323	228.949	229.399	230.002	230.084	230.359	230.537	229.735	229.133	229.174	229.324	1.4
2014	230.040	230.871	232.560	233.443	234.216	234.702	234.525	234.030	234.170	233.229	231.551	229.909	232.771	1.5
2015	228.294	229.421	231.055	231.520	232.908	233.804	233.806	233.366	232.661	232.373	231.721	230.791	231.810	-0.4
2016	231.061	230.972	232.209	233.438	234.436	235.289	234.771	234.904	235.495	235.732	235.215	235.390	234.076	1.0
2017	236.854	237.477	237.656	238.432	238.609	238.813	238.617	239.448	240.939	240.573	240.666	240.526	239.051	2.1
2018	241.919	242.988	243.463	244.607	245.770	246.196	246.155	246.336	246.565	247.038	245.933	244.786	245.146	2.5
2019	245.133	246.218	247.768	249.332	249.871	249.747	250.236	250.112	250.251	250.894	250.644	250.452	249.222	1.7
2020	251.361	251.935	251.375	249.515	249.521	251.054	252.636	253.597	254.004	254.076	253.826	254.081	252.248	1.2
2021	255.296	256.843	258.935	261.237	263.612	266.412	267.789	268.387	269.086	271.552	273.042			

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



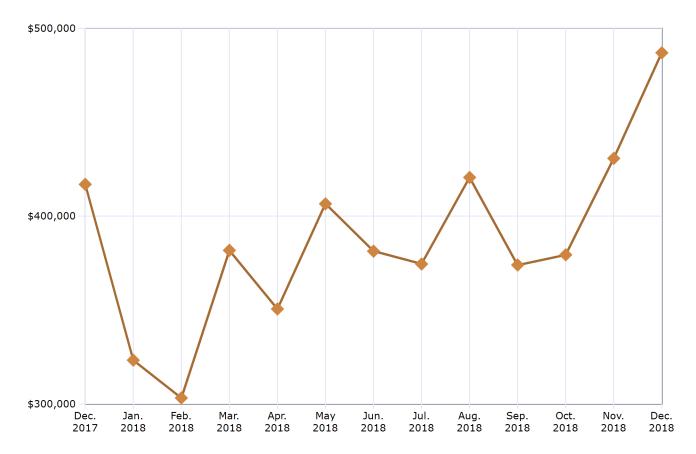
	Shenandoah County	Virginia
2008	\$4,225,220	\$1,032,815,078
2009	\$3,622,578	\$979,594,664
2010	\$3,683,191	\$992,820,512
2011	\$3,867,061	\$1,035,981,229
2012	\$3,932,490	\$1,080,663,042
2013	\$4,128,785	\$1,093,292,668
2014	\$4,077,963	\$1,131,194,860
2015	\$3,955,859	\$1,179,611,271
2016	\$4,422,661	\$1,202,257,995
2017	\$4,630,609	\$1,232,981,515
2018	\$4,614,132	\$1,282,022,261

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



	Shenandoah County	Virginia
Dec. 2017	\$417,002	\$123,193,863
Jan. 2018	\$323,436	\$90,794,207
Feb. 2018	\$303,345	\$90,576,093
Mar. 2018	\$381,900	\$107,834,402
Apr. 2018	\$350,691	\$102,372,977
May 2018	\$406,636	\$110,211,496
Jun. 2018	\$381,429	\$112,529,037
Jul. 2018	\$374,608	\$107,211,401
Aug. 2018	\$420,675	\$109,428,585
Sep. 2018	\$374,087	\$105,468,340
Oct. 2018	\$379,506	\$107,742,243
Nov. 2018	\$430,819	\$112,348,128
Dec. 2018	\$487,000	\$125,505,352

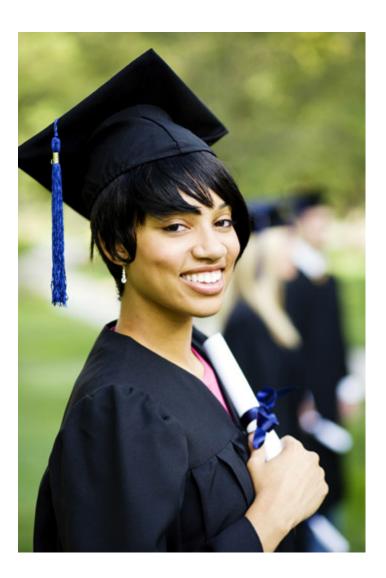
Note: This data is based on Virginia sales tax revenues deposited, rather than the actual taxable sales figures as reported on a dealer's return.

Source: Virginia Department of Taxation, Revenue Forecasting.

IV. Education Profile

Overview

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



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

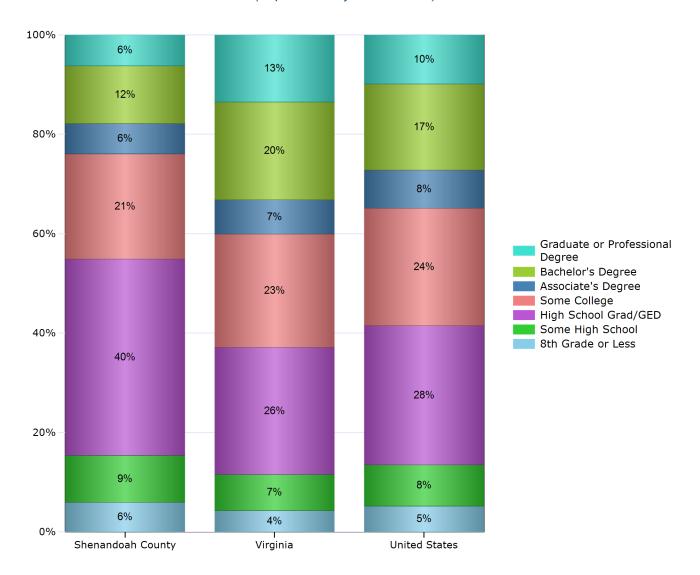
The highest award a student can earn for graduate study.

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.

Educational Attainment

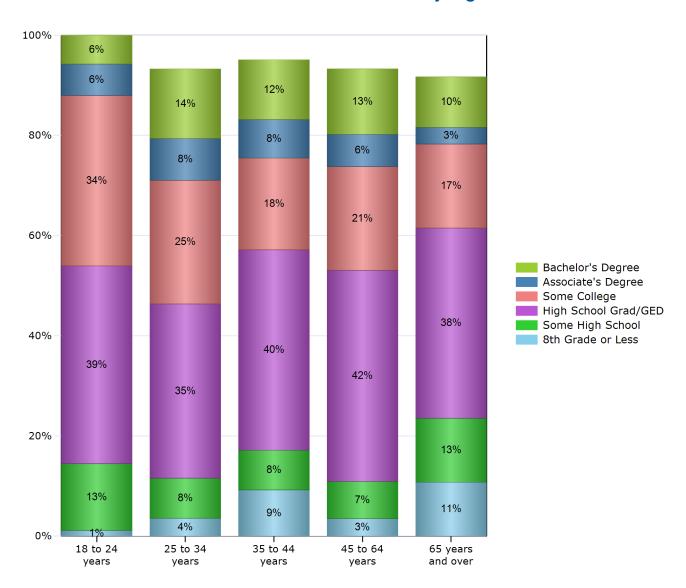
(Population 18 years and over)



	Shenandoah County	Virginia	United States
8th Grade or Less	2,006	275,329	12,639,425
Some High School	3,189	464,075	20,093,117
High School Grad/GED	13,319	1,633,105	68,044,371
Some College	7,131	1,457,887	57,431,237
Associate's Degree	2,058	440,219	18,586,866
Bachelor's Degree	3,917	1,258,661	42,027,629
Graduate or Professional Degree	2,098	862,686	24,008,551
·	33,718	6,391,962	242,831,196

Source: U.S. Census Bureau

Educational Attainment by Age

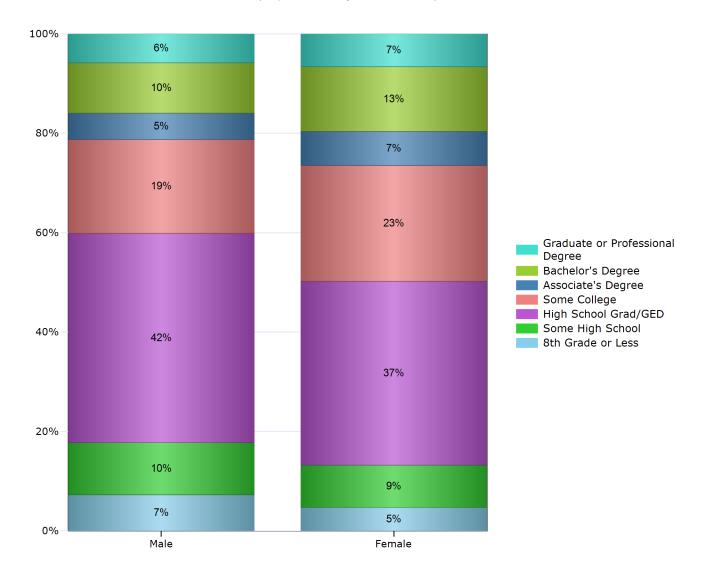


	18 - 24	25 - 34	35 - 44	45 - 64	65+	Total
8th Grade or Less	35	172	459	434	906	2,006
Some High School	406	388	396	924	1,075	3,189
High School Grad/GED	1,204	1,683	1,993	5,245	3,194	13,319
Some College	1,038	1,195	913	2,574	1,411	7,131
Associate's Degree	191	403	383	800	281	2,058
Bachelor's Degree	175	672	595	1,627	848	3,917
Graduate or Professional Degree		325	243	833	697	2,098
	3,049	4,838	4,982	12,437	8,412	33,718

Source: U.S. Census Bureau

Educational Attainment by Gender

(Population 18 years and over)

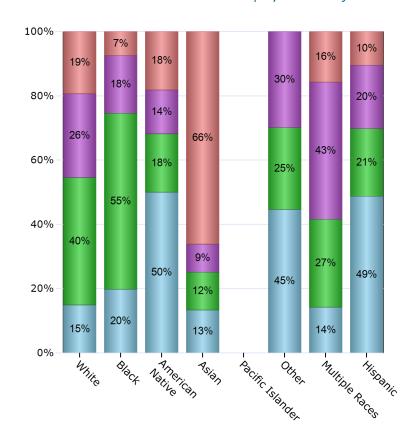


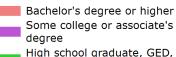
	Male	Female	Total
8th Grade or Less	1,182	824	2,006
Some High School	1,704	1,485	3,189
High School Grad/GED	6,861	6,458	13,319
Some College	3,068	4,063	7,131
Associate's Degree	864	1,194	2,058
Bachelor's Degree	1,648	2,269	3,917
Graduate or Professional Degree	946	1,152	2,098
	16,273	17,445	33,718

Source: U.S. Census Bureau

Educational Attainment by Race/Ethnicity

(Population 25 years and over)





High school graduate, GED, or alternative

Less than high school diploma

	Less than high school diploma	High school grad, GED, or alternative	Some college or associate's degree	Bachelor's degree or higher	Total
Race					
White	4,320	11,508	7,553	5,613	28,994
Black or African American	138	381	125	52	696
American Indian or Alaska Native	11	4	3	4	22
Asian	26	23	17	129	195
Native Hawaiian/Pacific Islander	0	0	0	0	0
Other	221	126	148	0	495
Multiple Races	38	73	114	42	267
Ethnicity					
Hispanic or Latino (of any race)	875	378	354	188	1,795
	5,629	12,493	8,314	6,028	32,464

Source: U.S. Census Bureau

Graduate Data Trends

Shenandoah County

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.	ВА	Cert. Post-BA	MA	Cert. Post-MA	Ph.D.	1st Prof.
2006										
2007										
2008	178	19	366							
2009	'		'					'		
2010										
2011										
2012	'		'							
2013										
2016										

Note: This table only reflects degrees completed from institutions within Shenandoah County

Virginia Statewide

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.	ВА	Cert. Post-BA	MA	Cert. Post-MA	Ph.D.	1st Prof.
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
2008	5,197	3,813	16,207	134	39,160	725	13,802	334	1,080	2,168
2009	6,259	4,587	17,179	85	40,233	756	15,445	300	925	2,064
2010	7,648	8,158	21,014	374	45,361	915	18,889	601	2,100	2,598
2011	6,972	12,557	24,306	473	49,109	1,055	20,697	727	2,329	2,658
2012	8,825	12,801	26,199	620	53,051	1,215	21,516	686	2,095	3,298
2013	8,153	12,179	25,854	484	54,778	1,067	22,782	706	2,230	2,963
2016	8,643	11,912	25,125	608	61,852	2,032	24,717	640	2,328	2,931

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

James Madison University

800 South Main Street Harrisonburg, VA 22807 Phone: (540) 568-6211 http://www.jmu.edu/

Number of 2016 graduates: 5,551

Lord Fairfax Community College

173 Skirmisher Lane Middletown, VA 22645 Phone: (540) 868-7000 http://https://www.lfcc.edu

Number of 2016 graduates: 1,536

Blue Ridge Community College

1 College Lane

Weyers Cave, VA 24486 Phone: (540) 234-9261 http://www.brcc.edu

Number of 2016 graduates: 1,273

Shenandoah University

1460 University Dr Winchester, VA 22601 Phone: (540) 665-4500

http://www.su.edu

Number of 2016 graduates: 1,128

Eastern Mennonite University

1200 Park Rd

Harrisonburg, VA 22802 Phone: (540) 432-4000 http://www.emu.edu

Number of 2016 graduates: 556

Bridgewater College

402 E College St Bridgewater, VA 22812 Phone: (540) 828-8000

http://https://www.bridgewater.edu/about-us

Number of 2016 graduates: 447

Virginia Military Institute

Vmi Parade

Lexington, VA 24450
Phone: (540) 464-7207
http://www.vmi.edu

Number of 2016 graduates: 382

Mary Baldwin College

318 Prospect Street Staunton, VA 24401

Phone: (540) 887-7000 http://www.marybaldwin.edu Number of 2016 graduates: 353

Washington and Lee University

204 West Washington Street Lexington, VA 24450

Phone: (540) 458-8400 http://www.wlu.edu/

Number of 2016 graduates: 716

Source: U.S. Department of Education, Institute of Education Sciences (IES), 2016.

Woodrow Wilson Rehabilitation Center

64 James Anderson Road Fishersville, VA 22939

Phone: (540) 332-7390 http://wwrc.virginia.gov

Number of 2016 graduates: 183