

Virginia

# COMMUNITY PROFILE

Richmond MSA

Amelia County • Caroline County • Charles City County • Chesterfield County • Dinwiddie County • Goochland County • Hanover County • Henrico County • King William County • New Kent County • Powhatan County • Prince George County • Sussex County • Colonial Heights city • Hopewell city • Petersburg city • Richmond city



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## I. Introduction

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

[www.VirginiaLMI.com](http://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 Richmond MSA. 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

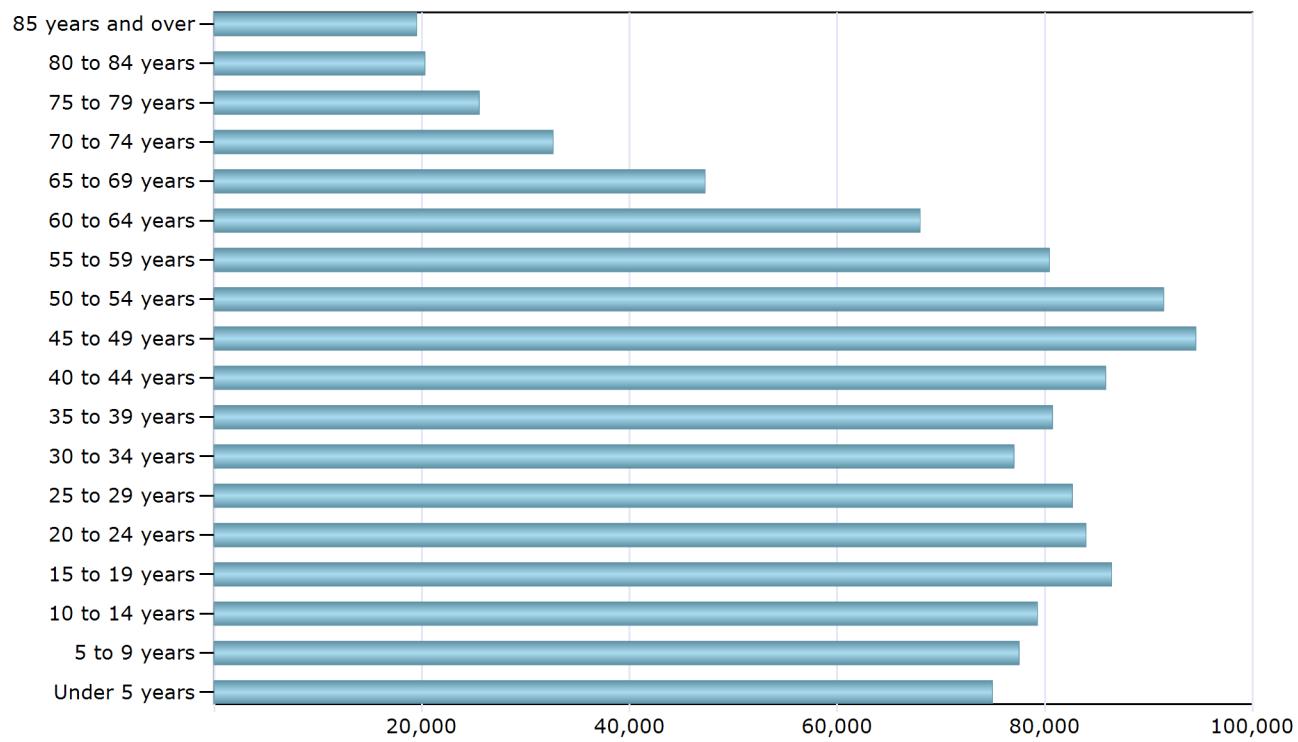
The data on gender were derived from answers to a question that was asked of all people. Individuals were asked to mark either "male" or "female" to indicate their gender. For most cases in which gender was not reported, it was determined by the appropriate entry from the person's given (i.e., first)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



	Richmond MSA	Virginia	United States
<b>Under 5 years</b>	74,955	509,625	20,201,362
<b>5 to 9 years</b>	77,520	511,849	20,348,657
<b>10 to 14 years</b>	79,288	511,246	20,677,194
<b>15 to 19 years</b>	86,433	550,965	22,040,343
<b>20 to 24 years</b>	83,958	572,091	21,585,999
<b>25 to 29 years</b>	82,660	564,342	21,101,849
<b>30 to 34 years</b>	77,027	526,077	19,962,099
<b>35 to 39 years</b>	80,736	540,063	20,179,642
<b>40 to 44 years</b>	85,857	568,865	20,890,964
<b>45 to 49 years</b>	94,540	621,155	22,708,591
<b>50 to 54 years</b>	91,448	592,845	22,298,125
<b>55 to 59 years</b>	80,444	512,595	19,664,805
<b>60 to 64 years</b>	67,992	442,369	16,817,924
<b>65 to 69 years</b>	47,277	320,302	12,435,263
<b>70 to 74 years</b>	32,644	229,502	9,278,166
<b>75 to 79 years</b>	25,526	173,929	7,317,795
<b>80 to 84 years</b>	20,286	130,801	5,743,327
<b>85 years and over</b>	19,510	122,403	5,493,433
	<b>1,208,101</b>	<b>8,001,024</b>	<b>308,745,538</b>

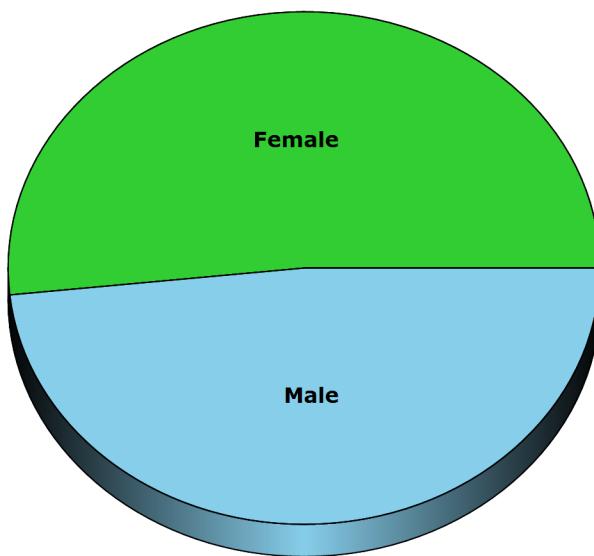
Source: 2010 Census.

## Population by Race/Ethnicity

	Richmond MSA	Virginia	United States
<b>Total</b>			
Total Population	1,208,101	8,001,024	308,745,538
<b>Race</b>			
White	742,700	5,486,852	223,553,265
Black or African American	364,304	1,551,399	38,929,319
American Indian or Alaska Native	5,206	29,225	2,932,248
Asian	39,053	439,890	14,674,252
Native Hawaiian/Pacific Islander	741	5,980	540,013
Other	28,586	254,278	19,107,368
Multiple Races	27,511	233,400	9,009,073
<b>Ethnicity</b>			
Not Hispanic or Latino (of any race)	1,145,939	7,369,199	258,267,944
Hispanic or Latino (of any race)	62,162	631,825	50,477,594

Source: 2010 Census.

## Population by Gender

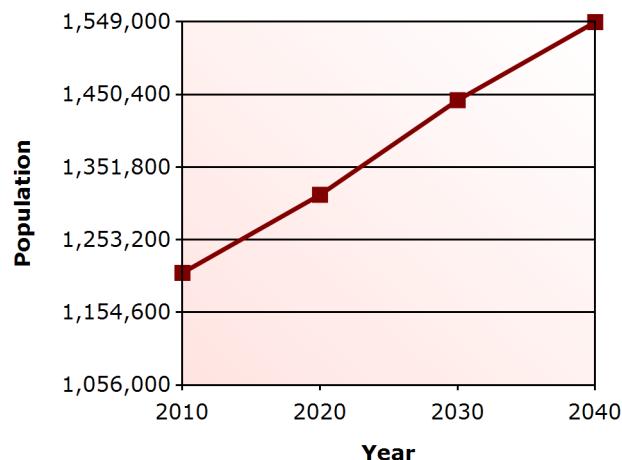


	Richmond MSA	Virginia	United States
<b>Male</b>	583,827	3,925,983	151,781,326
<b>Female</b>	624,274	4,075,041	156,964,212
	<b>1,208,101</b>	<b>8,001,024</b>	<b>308,745,538</b>

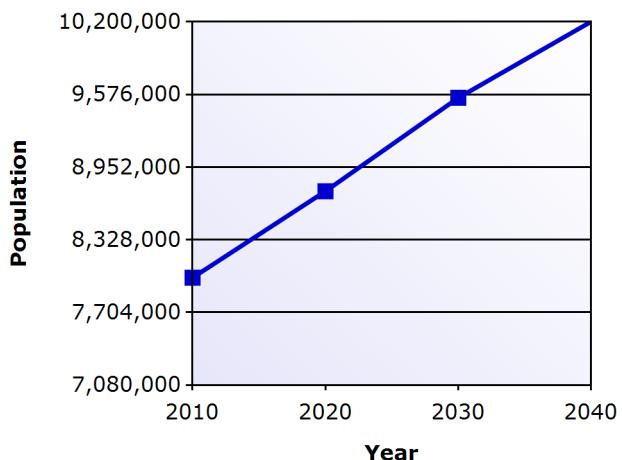
Source: 2010 Census.

## Population Change

**Richmond MSA**



**Virginia**



Richmond MSA	(% change)	Number Change	Virginia	(% change)
<b>2000</b>			7,079,030	
<b>2010</b>	14.44 %	1,208,101	8,001,024	13.02 %
<b>2020</b>	8.77 %	1,314,032	8,744,273	9.29 %
<b>2030</b>	9.78 %	1,442,536	9,546,958	9.18 %
<b>2040</b>	7.35 %	1,548,513	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](http://www.VirginiaLMI.com)



<b>Number Change</b>

## Population Projections by Age and Gender

	2020		2030		2040	
	Female	Male	Female	Male	Female	Male
<b>Under 5 years</b>	39,007	39,878	42,800	43,749	45,072	46,067
<b>5 to 9 years</b>	38,732	40,537	42,998	45,038	45,926	48,124
<b>10 to 14 years</b>	40,272	42,326	43,850	46,078	48,003	50,449
<b>15 to 19 years</b>	41,261	42,594	43,883	45,217	48,248	49,849
<b>20 to 24 years</b>	40,755	39,960	44,276	43,344	47,532	46,497
<b>25 to 29 years</b>	48,797	47,063	48,064	46,280	50,742	48,740
<b>30 to 34 years</b>	49,212	47,507	49,362	47,411	53,181	51,065
<b>35 to 39 years</b>	44,714	43,327	53,137	51,255	53,131	51,063
<b>40 to 44 years</b>	40,269	38,507	51,751	49,313	52,242	49,680
<b>45 to 49 years</b>	41,703	38,438	46,976	43,250	55,221	50,726
<b>50 to 54 years</b>	43,519	39,488	41,434	37,507	52,624	47,535
<b>55 to 59 years</b>	46,391	42,002	40,805	36,932	45,486	41,141
<b>60 to 64 years</b>	43,248	39,371	40,827	37,283	38,441	35,071
<b>65 to 69 years</b>	39,089	33,722	43,108	37,314	38,447	33,324
<b>70 to 74 years</b>	32,459	26,122	39,658	31,918	37,765	30,591
<b>75 to 79 years</b>	21,823	16,045	33,357	24,552	36,407	26,896
<b>80 to 84 years</b>	14,019	8,396	24,892	15,096	30,143	18,247
<b>85 years and over</b>	16,264	7,219	20,564	9,263	30,836	14,007
	<b>681,534</b>	<b>632,502</b>	<b>751,742</b>	<b>690,800</b>	<b>809,447</b>	<b>739,072</b>
		<b>1,314,036</b>		<b>1,442,542</b>		<b>1,548,519</b>

Source: Weldon Cooper Center for Public Service.

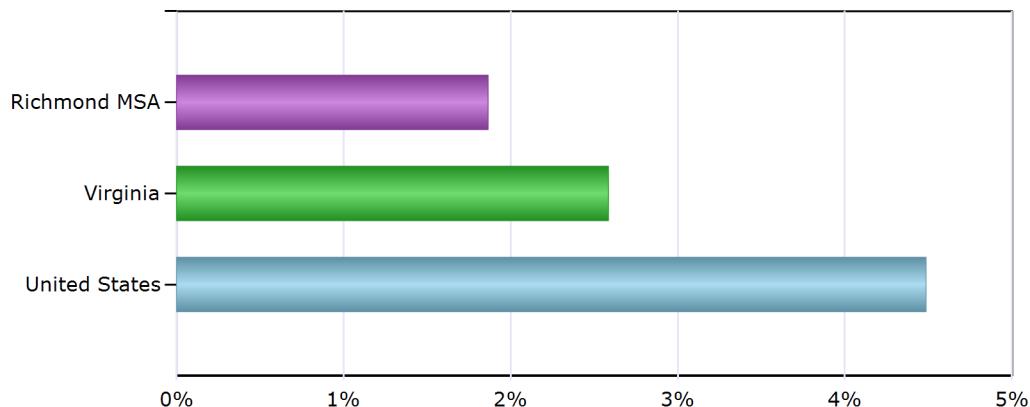
## Population Projections by Race/Ethnicity

	2020	2030	2040
<b>Total</b>			
Total Population	1,314,032	1,442,536	1,548,513
<b>Race</b>			
White	711,458	714,753	670,323
Black or African American	363,994	333,248	286,850
Asian	63,267	95,198	129,776
Other	38,888	43,454	43,778
<b>Ethnicity</b>			
Hispanic or Latino (of any race)	136,425	255,877	417,787

Source: Weldon Cooper Center for Public Service.

## English Language Skills

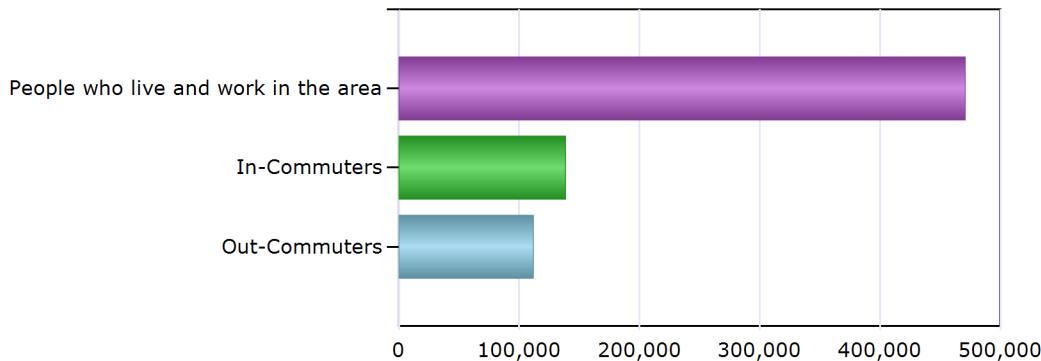
(Age 5 and over that speak English less than well)



	Total	Speak English less than well	Percent
<b>Richmond MSA</b>	1,183,482	22,066	1.86%
<b>Virginia</b>	7,800,044	201,628	2.58%
<b>United States</b>	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	470,798
In-Commuters	138,446
Out-Commuters	111,678
Net In-Commuters (In-Commuters minus Out-Commuters)	26,768

Source: U.S. Census Bureau,  
OnTheMap Application and LEHD Origin-Destination Employment Statistics, 2014.

## Top 10 Places Residents are Commuting To

Area	Workers
Fairfax County, VA	15,463
Virginia Beach city, VA	5,942
Prince William County, VA	4,222
Newport News city, VA	4,085
Norfolk city, VA	4,022
Spotsylvania County, VA	3,697
Chesapeake city, VA	3,618
Loudoun County, VA	3,265
James City County, VA	3,167
Arlington County, VA	2,832

## Top 10 Places Workers are Commuting From

Area	Workers
Fairfax County, VA	8,592
Virginia Beach city, VA	7,504
Prince William County, VA	5,873
Loudoun County, VA	4,639
Newport News city, VA	4,212
Norfolk city, VA	4,059
Chesapeake city, VA	3,780
Spotsylvania County, VA	3,356
Hampton city, VA	3,040
Albemarle County, VA	2,357

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 Richmond MSA 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)

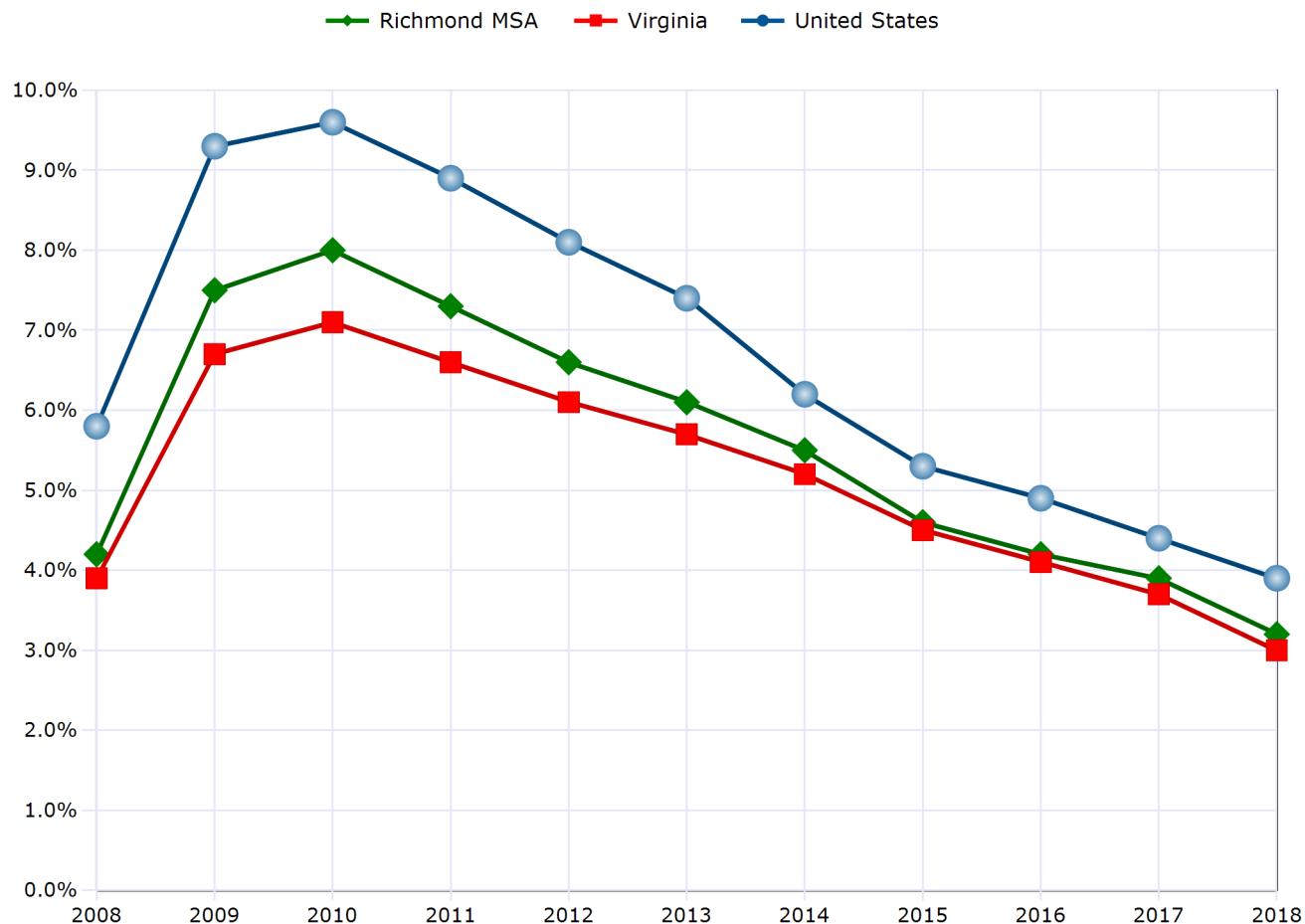
Unemployment insurance is a program for the accumulation of funds paid by employers to be used for the payment of unemployment insurance to workers during periods of unemployment which are beyond the workers' control. Unemployment insurance replaces a part of the worker's wage loss if he becomes eligible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

#### Unemployment Rate

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

## Unemployment Rates

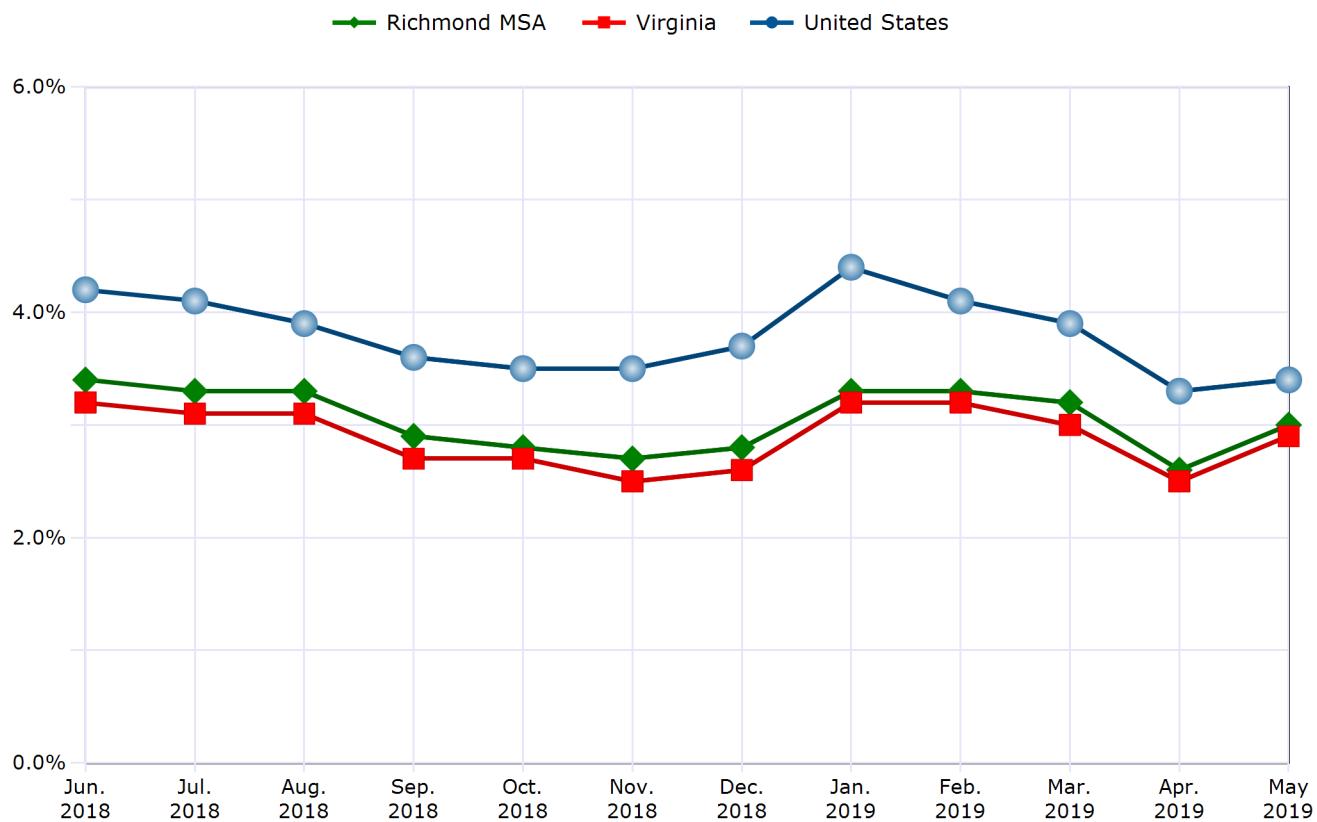
*Trends*



	Richmond MSA	Virginia	United States
<b>2008</b>	4.2%	3.9%	5.8%
<b>2009</b>	7.5%	6.7%	9.3%
<b>2010</b>	8.0%	7.1%	9.6%
<b>2011</b>	7.3%	6.6%	8.9%
<b>2012</b>	6.6%	6.1%	8.1%
<b>2013</b>	6.1%	5.7%	7.4%
<b>2014</b>	5.5%	5.2%	6.2%
<b>2015</b>	4.6%	4.5%	5.3%
<b>2016</b>	4.2%	4.1%	4.9%
<b>2017</b>	3.9%	3.7%	4.4%
<b>2018</b>	3.2%	3.0%	3.9%

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

## Unemployment Rates *Past 12 Months*



	Richmond MSA	Virginia	United States
<b>Jun. 2018</b>	3.4%	3.2%	4.2%
<b>Jul. 2018</b>	3.3%	3.1%	4.1%
<b>Aug. 2018</b>	3.3%	3.1%	3.9%
<b>Sep. 2018</b>	2.9%	2.7%	3.6%
<b>Oct. 2018</b>	2.8%	2.7%	3.5%
<b>Nov. 2018</b>	2.7%	2.5%	3.5%
<b>Dec. 2018</b>	2.8%	2.6%	3.7%
<b>Jan. 2019</b>	3.3%	3.2%	4.4%
<b>Feb. 2019</b>	3.3%	3.2%	4.1%
<b>Mar. 2019</b>	3.2%	3.0%	3.9%
<b>Apr. 2019</b>	2.6%	2.5%	3.3%
<b>May 2019</b>	3.0%	2.9%	3.4%

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

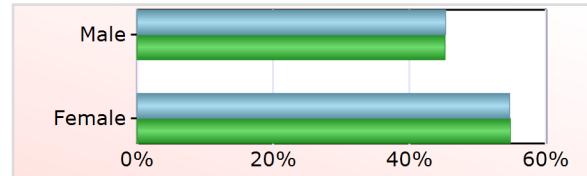
## Characteristics of the Insured Unemployed

Total number of claimants: 4,611

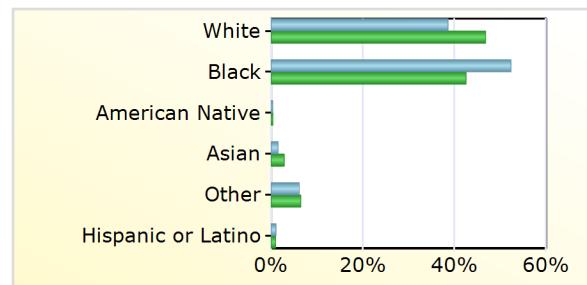
Richmond MSA - (4,611 claimants)

Virginia - (23,275 claimants)

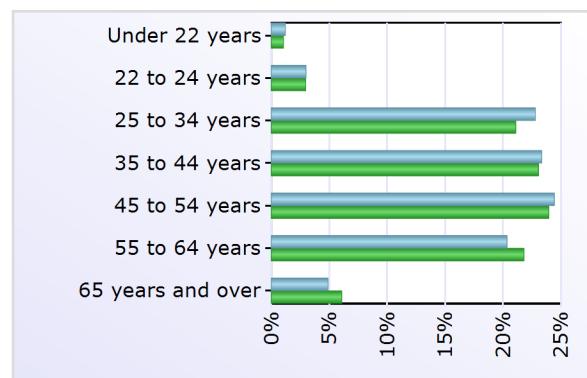
Gender	Richmond MSA	Virginia
Male	2,089	10,518
Female	2,522	12,757
Unspecified		



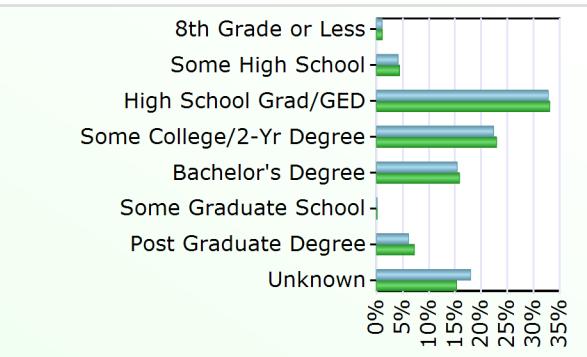
Race	Richmond MSA	Virginia
White	1,781	10,901
Black	2,415	9,908
American Native	15	77
Asian	69	660
Other	283	1,504
Hispanic or Latino	48	225



Age	Richmond MSA	Virginia
Under 22 years	56	244
22 to 24 years	138	693
25 to 34 years	1,051	4,910
35 to 44 years	1,076	5,366
45 to 54 years	1,126	5,573
55 to 64 years	938	5,074
65 years and over	226	1,415
Unknown		



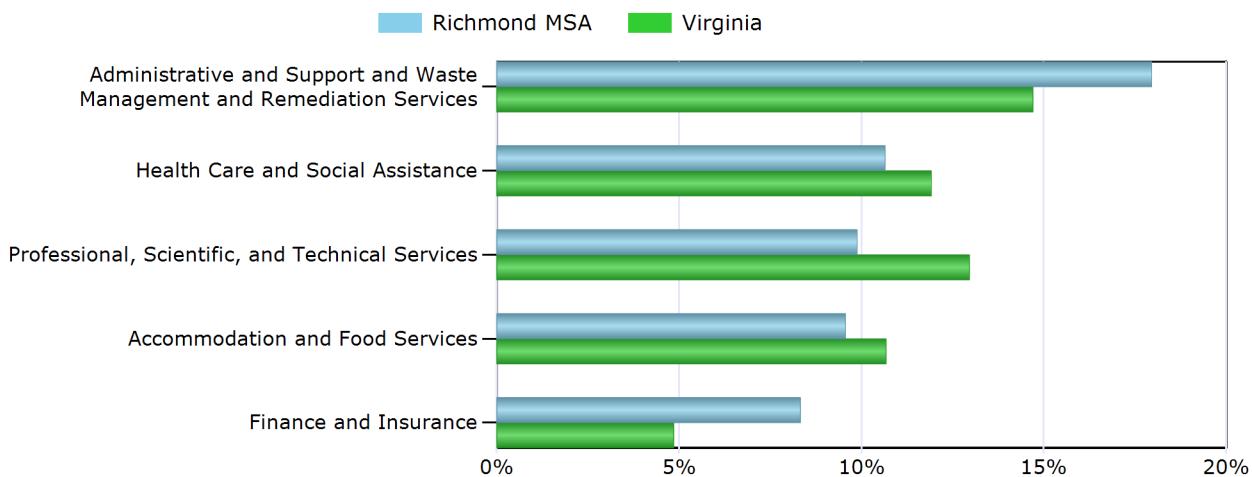
Education	Richmond MSA	Virginia
8th Grade or Less	49	254
Some High School	190	1,024
High School Grad/GED	1,513	7,699
Some College/2-Yr Degree	1,031	5,335
Bachelor's Degree	710	3,689
Some Graduate School	5	32
Post Graduate Degree	283	1,677
Unknown	830	3,565



Source: Virginia Employment Commission, Economic Information & Analytics, Characteristics of the Insured Unemployed, June 2019.

## Characteristics of the Insured Unemployed

Top 5 Industries With Largest Number of Claimants in Richmond MSA  
*(excludes unclassified)*

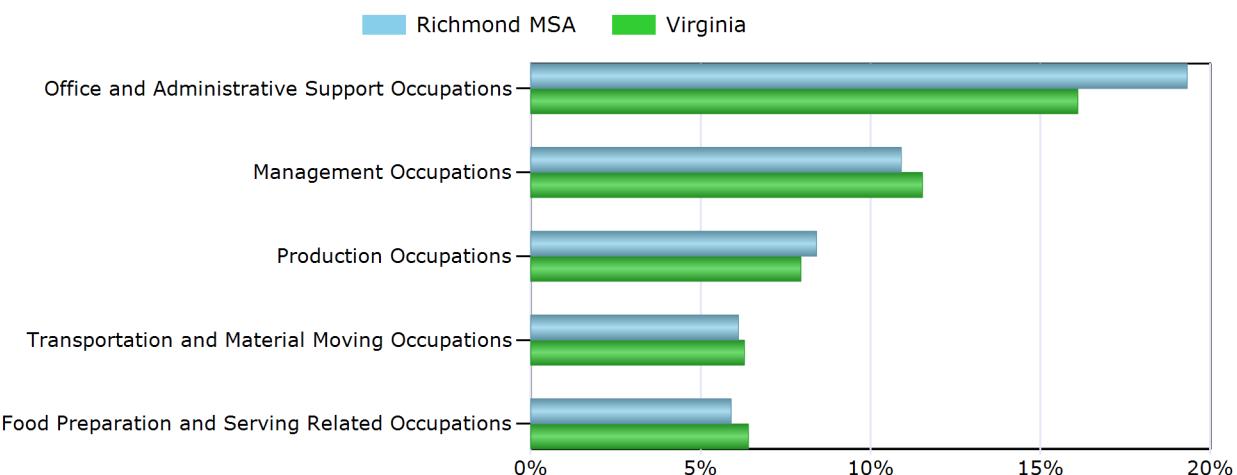


Industry	Richmond MSA	Virginia
Administrative and Support and Waste Management and Remediation Services	727	3,004
Health Care and Social Assistance	431	2,435
Professional, Scientific, and Technical Services	400	2,648
Accommodation and Food Services	387	2,181
Finance and Insurance	337	991
Construction	302	1,498
Unclassified	267	1,762
Wholesale Trade	233	845
Retail Trade	214	1,160
Other Services (except Public Administration)	127	882
Educational Services	126	616
Transportation and Warehousing	117	611
Management of Companies and Enterprises	98	212
Real Estate and Rental and Leasing	82	395
Information	74	475
Manufacturing	60	409
Arts, Entertainment, and Recreation	53	169
Agriculture, Forestry, Fishing and Hunting	6	71
Utilities	5	22
Mining, Quarrying, and Oil and Gas Extraction	2	48

Source: Virginia Employment Commission, Economic Information & Analytics,  
*Characteristics of the Insured Unemployed, June 2019.*

## Characteristics of the Insured Unemployed

Top 5 Occupation Groups With Largest Number of Claimants in Richmond MSA  
*(excludes unknown occupations)*

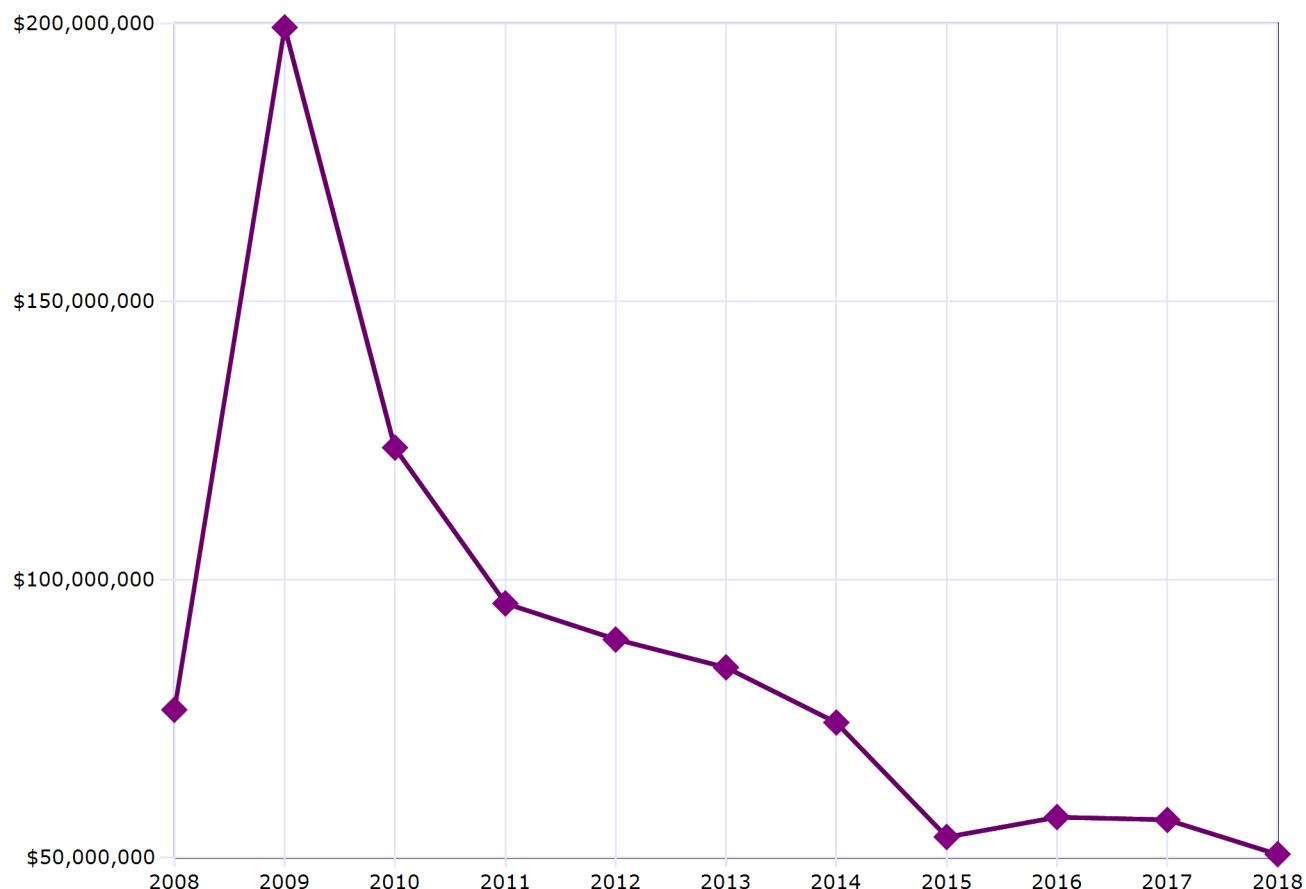


Occupation	Richmond MSA	Virginia
Office and Administrative Support Occupations	891	3,748
Management Occupations	503	2,684
Unknown Occupation Code	436	2,489
Production Occupations	388	1,851
Transportation and Material Moving Occupations	282	1,464
Food Preparation and Serving Related Occupations	272	1,491
Business and Financial Operations Occupations	261	1,125
Sales and Related Occupations	253	1,247
Construction and Extraction Occupations	201	1,115
Computer and Mathematical Occupations	191	1,106
Installation, Maintenance, and Repair Occupations	122	679
Healthcare Support Occupations	115	553
Building and Grounds Cleaning and Maintenance Occupations	106	429
Healthcare Practitioners and Technical Occupations	95	451
Education, Training, and Library Occupations	86	644
Personal Care and Service Occupations	84	456
Arts, Design, Entertainment, Sports, and Media Occupations	81	486
Community and Social Service Occupations	65	320
Life, Physical, and Social Science Occupations	52	204
Architecture and Engineering Occupations	44	322
Legal Occupations	37	140
Protective Service Occupations	37	193
Military Specific Occupations	6	29
Farming, Fishing, and Forestry Occupations	3	49

*Source: Virginia Employment Commission, Economic Information & Analytics,  
Characteristics of the Insured Unemployed, June 2019.*

## Unemployment Insurance Payments

*Trends*

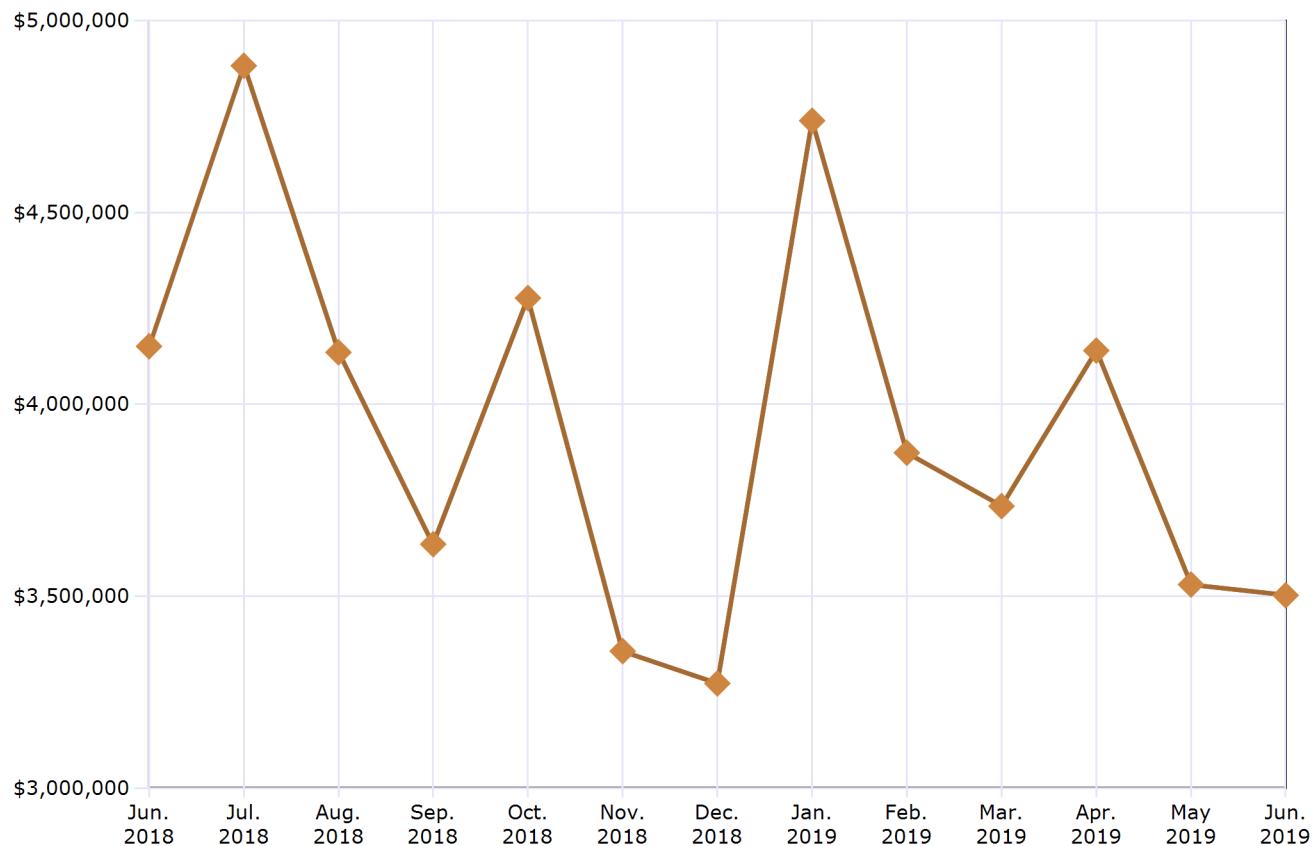


Richmond MSA		Virginia	
	Weeks Paid		Amount Paid
<b>2008</b>	274,418	\$76,578,880	1,699,923
<b>2009</b>	680,254	\$199,276,389	3,782,630
<b>2010</b>	447,964	\$123,724,641	2,727,738
<b>2011</b>	353,083	\$95,703,268	2,242,341
<b>2012</b>	327,575	\$89,217,108	2,102,986
<b>2013</b>	307,229	\$84,208,964	1,999,039
<b>2014</b>	264,474	\$74,294,928	1,684,690
<b>2015</b>	188,466	\$53,720,950	1,198,476
<b>2016</b>	196,835	\$57,300,846	1,263,292
<b>2017</b>	191,832	\$56,778,679	1,114,650
<b>2018</b>	167,736	\$50,620,172	941,154

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

## Unemployment Insurance Payments

*Past 12 Months*



	Richmond MSA		Virginia	
	Weeks Paid	Amount Paid	Weeks Paid	Amount Paid
<b>Jun. 2018</b>	13,944	\$4,151,238	73,754	\$22,086,756
<b>Jul. 2018</b>	16,485	\$4,882,284	90,439	\$26,886,361
<b>Aug. 2018</b>	13,789	\$4,135,582	74,098	\$22,384,827
<b>Sep. 2018</b>	11,938	\$3,635,670	61,952	\$19,216,174
<b>Oct. 2018</b>	13,901	\$4,277,037	72,260	\$22,542,117
<b>Nov. 2018</b>	10,980	\$3,357,142	60,694	\$18,826,798
<b>Dec. 2018</b>	10,714	\$3,273,001	64,240	\$19,714,142
<b>Jan. 2019</b>	15,523	\$4,739,103	98,010	\$29,806,485
<b>Feb. 2019</b>	12,599	\$3,873,986	81,195	\$24,927,631
<b>Mar. 2019</b>	12,129	\$3,734,854	75,787	\$23,424,325
<b>Apr. 2019</b>	13,411	\$4,140,147	78,072	\$24,364,992
<b>May 2019</b>	11,420	\$3,530,543	63,383	\$19,723,851
<b>Jun. 2019</b>	11,532	\$3,502,592	65,011	\$19,781,667

Source: Virginia Employment Commission,  
Unemployment Insurance Program.

## Employers by Size of Establishment

	Richmond MSA	Virginia
<b>0 to 4 employees</b>	23,601	169,709
<b>5 to 9 employees</b>	5,786	38,499
<b>10 to 19 employees</b>	4,459	28,539
<b>20 to 49 employees</b>	3,497	21,247
<b>50 to 99 employees</b>	1,174	7,442
<b>100 to 249 employees</b>	711	3,964
<b>250 to 499 employees</b>	192	1,113
<b>500 to 999 employees</b>	77	380
<b>1000 and over employees</b>	40	254
	<b>39,537</b>	<b>271,147</b>

## Employment by Size of Establishment

	Richmond MSA	Virginia
<b>0 to 4 employees</b>	33,967	238,671
<b>5 to 9 employees</b>	38,698	256,341
<b>10 to 19 employees</b>	60,927	388,596
<b>20 to 49 employees</b>	106,165	642,029
<b>50 to 99 employees</b>	80,315	509,225
<b>100 to 249 employees</b>	105,466	587,171
<b>250 to 499 employees</b>	66,093	381,863
<b>500 to 999 employees</b>	51,598	258,183
<b>1000 and over employees</b>	103,159	665,152
	<b>646,388</b>	<b>3,927,231</b>

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), 4th Quarter (October, November, December) 2018.

## 50 Largest Employers

1. Virginia Commonwealth University
2. MCV Hospital
3. Capital One Bank
4. Henrico County School Board
5. Chesterfield County School Board
6. Bon Secours Richmond Health System
7. HCA Virginia Health System
8. U.S. Department of Defense
9. Wal Mart
10. Amazon Com KYDC Inc
11. County of Henrico
12. Richmond City Public Schools
13. City of Richmond
14. County of Chesterfield
15. U.S. Department of Veterans Affairs
16. Food Lion
17. Kroger
18. Hanover County School Board
19. SunTrust Bank
20. U.P.S.
21. Postal Service
22. Dominion Resources
23. E.I. DuPont De Nemours Company
24. Wells Fargo Bank NA
25. Anthem
26. University of Richmond
27. YMCA
28. VDOT
29. MCV Physicians
30. Capital One Na
31. Philip Morris U.S.A., Inc.
32. Target Corp
33. Dominion Virginia Power
34. Federal Reserve Bank, Richmond
35. Integrity Staffing Solutions
36. Lowes' Home Centers, Inc.
37. Bank of America
38. Publix Nc Employee Services, LLC
39. County of Prince George
40. ALCS Llc
41. Alliance Group Rock Tenn
42. Apex Systems Inc
43. Virginia State Department of Health
44. Kings Dominion
45. Carmax Auto Superstores S Inc
46. County of Hanover
47. Southside Regional Medical Ctr
48. WaWa
49. AdvanSix Inc.
50. GNA Corporation

Source: Virginia Employment Commission, Economic Information & Analytics,  
Quarterly Census of Employment and Wages (QCEW), 4th Quarter (October, November, December) 2018.

### Did you know...

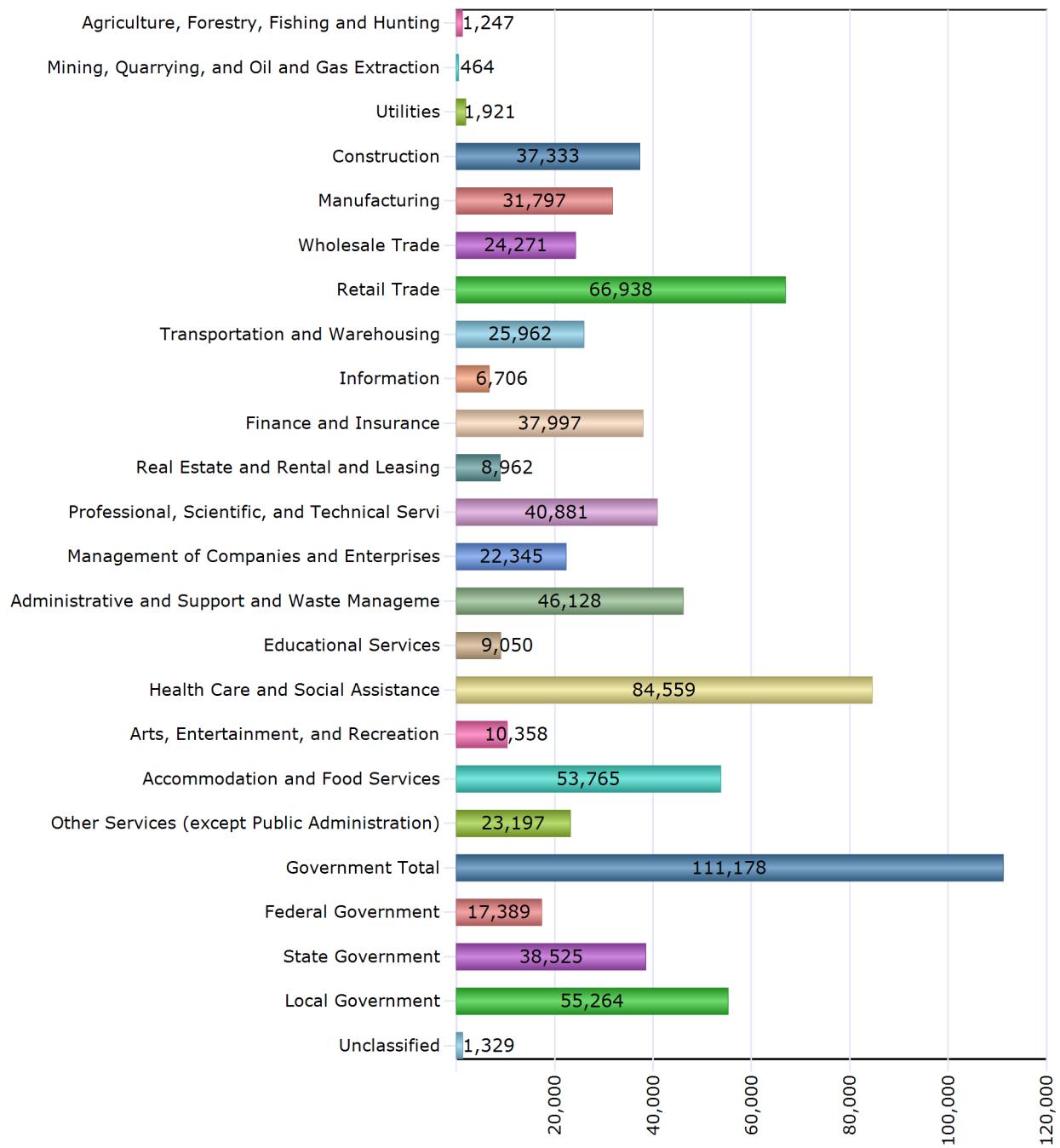
you can search over 300,000 employer listings on our website provided by Infogroup? This easy-to-use feature lets you search for employers by keyword, industry, sales volume, size range, and more!



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

[www.VirginiaLMI.com](http://www.VirginiaLMI.com)

## Employment by Industry

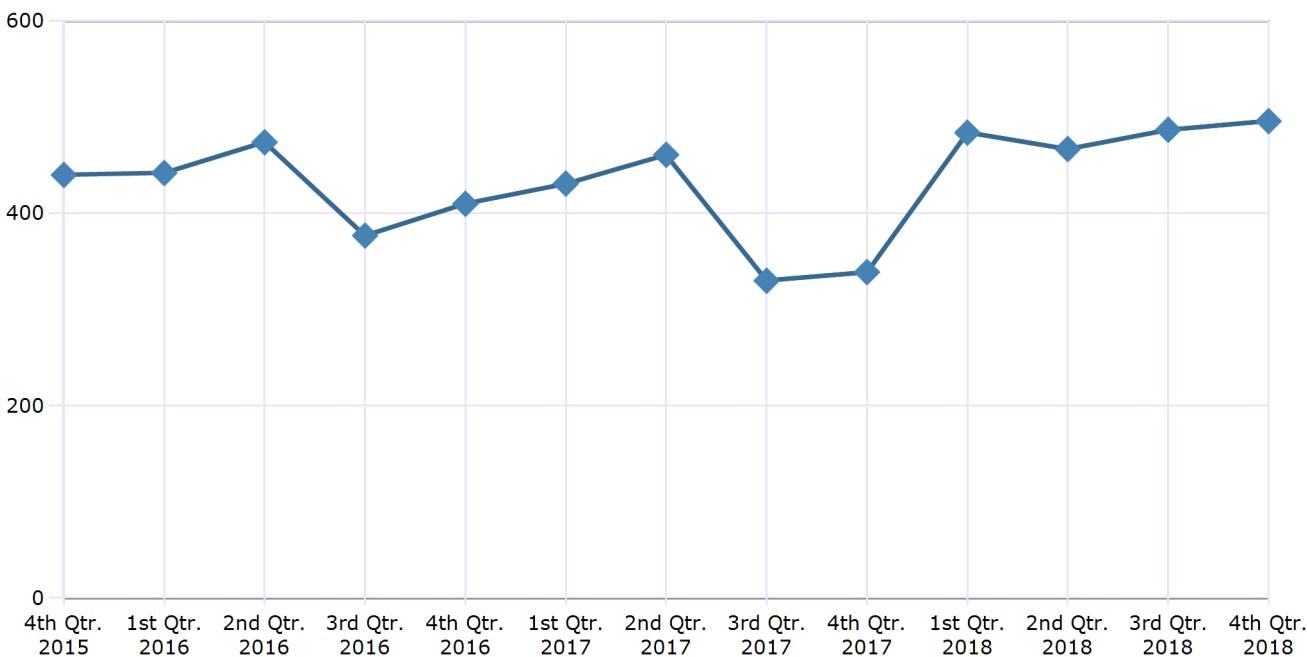


**Total: 646,387**

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

Source: Virginia Employment Commission, Economic Information & Analytics, Quarterly Census of Employment and Wages (QCEW), 4th Quarter (October, November, December) 2018.

## New Startup Firms



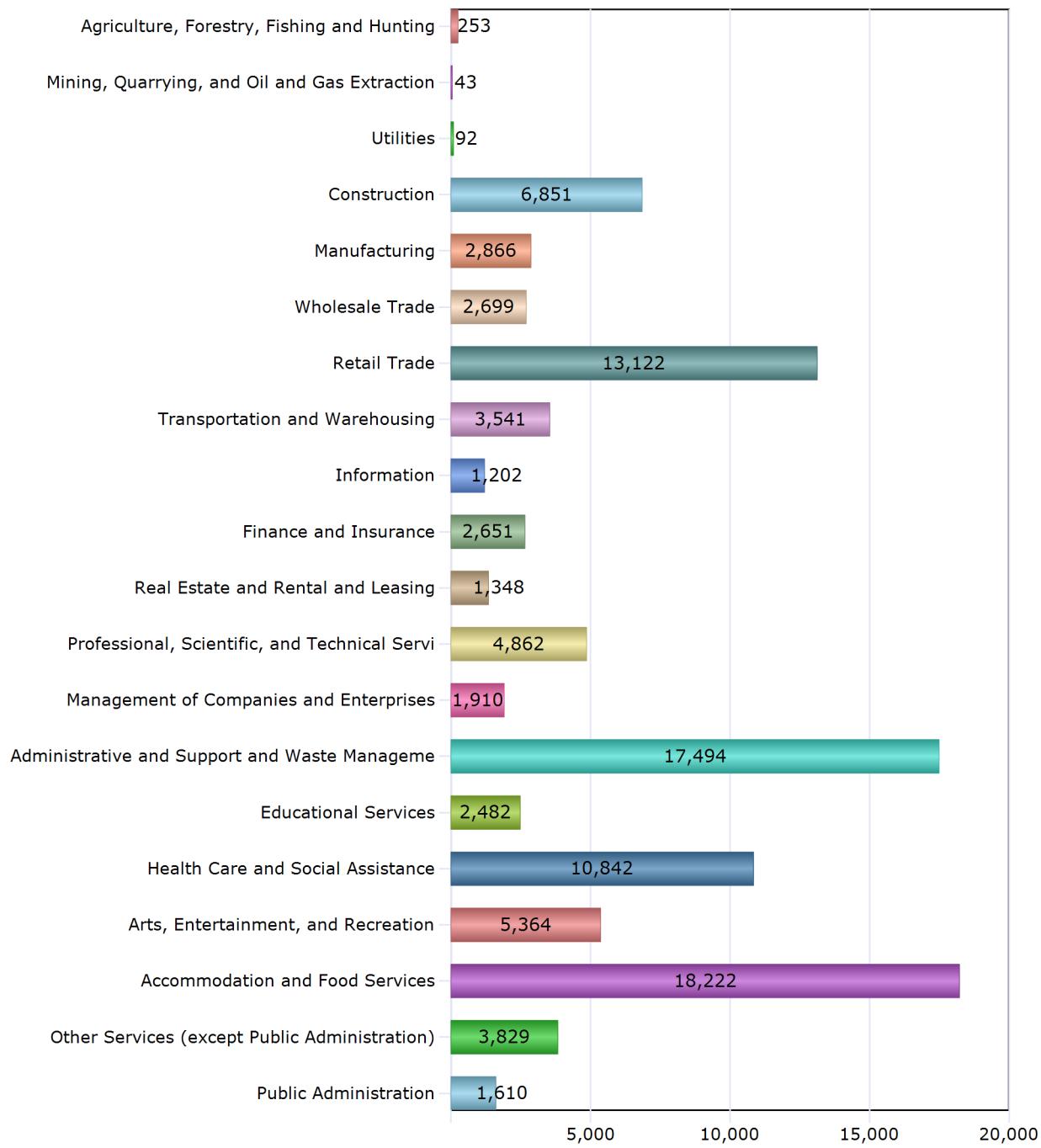
	Richmond MSA	Virginia
<b>4th Qtr. 2015</b>	440	3,000
<b>1st Qtr. 2016</b>	442	3,802
<b>2nd Qtr. 2016</b>	474	4,283
<b>3rd Qtr. 2016</b>	377	3,398
<b>4th Qtr. 2016</b>	410	3,426
<b>1st Qtr. 2017</b>	431	3,838
<b>2nd Qtr. 2017</b>	461	3,961
<b>3rd Qtr. 2017</b>	330	2,736
<b>4th Qtr. 2017</b>	339	3,058
<b>1st Qtr. 2018</b>	484	3,973
<b>2nd Qtr. 2018</b>	467	3,982
<b>3rd Qtr. 2018</b>	487	4,028
<b>4th Qtr. 2018</b>	496	3,779

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

- 1.) Setup and liability date both occurred during 4th Quarter (October, November, December) 2018
- 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), 4th Quarter (October, November, December) 2018.

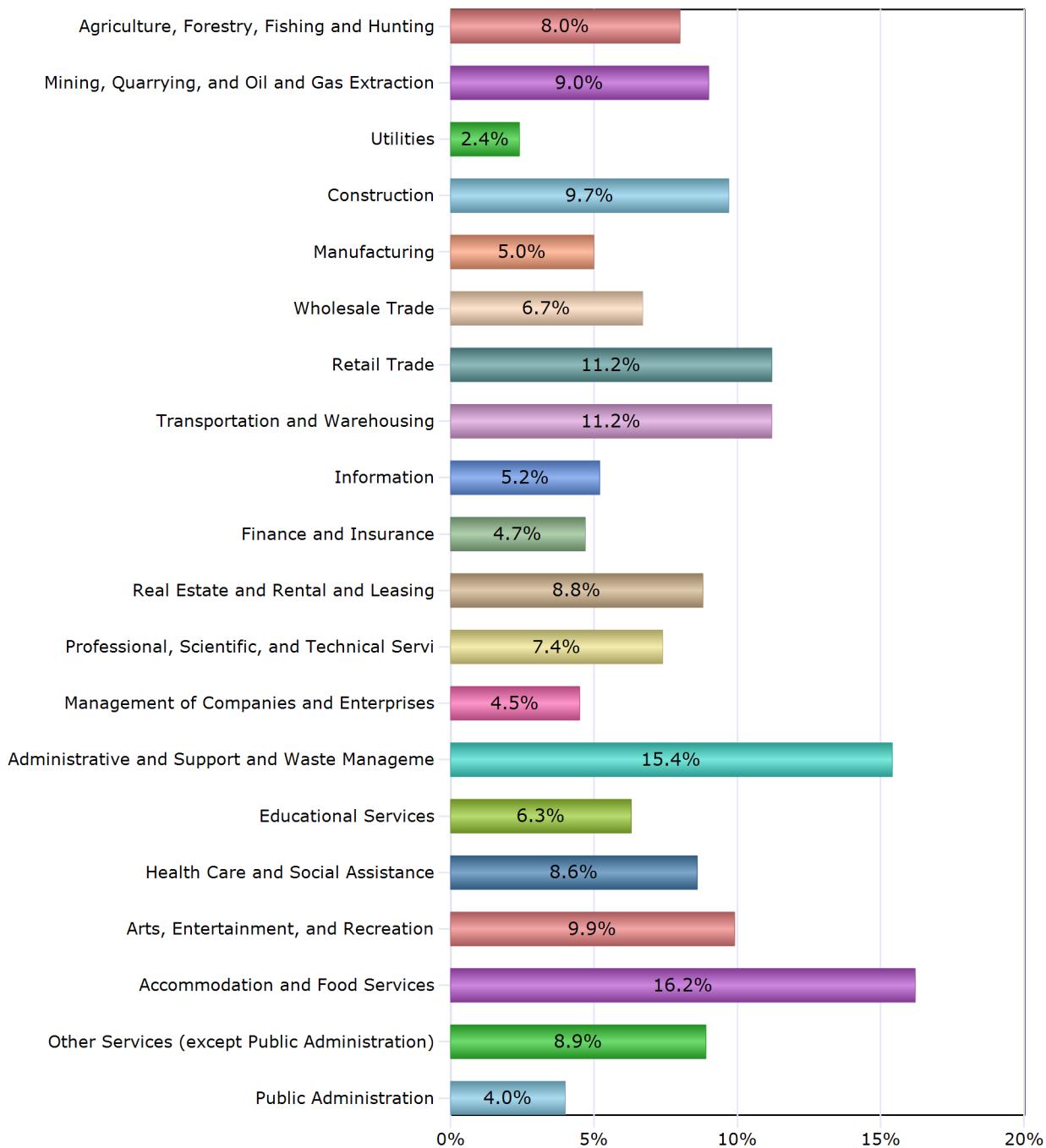
## New Hires by Industry



**Total: 101,283**

Source: U.S. Census Bureau,  
Local Employment Dynamics (LED) Program, 2nd Quarter (April, May, June) 2016, all ownerships.

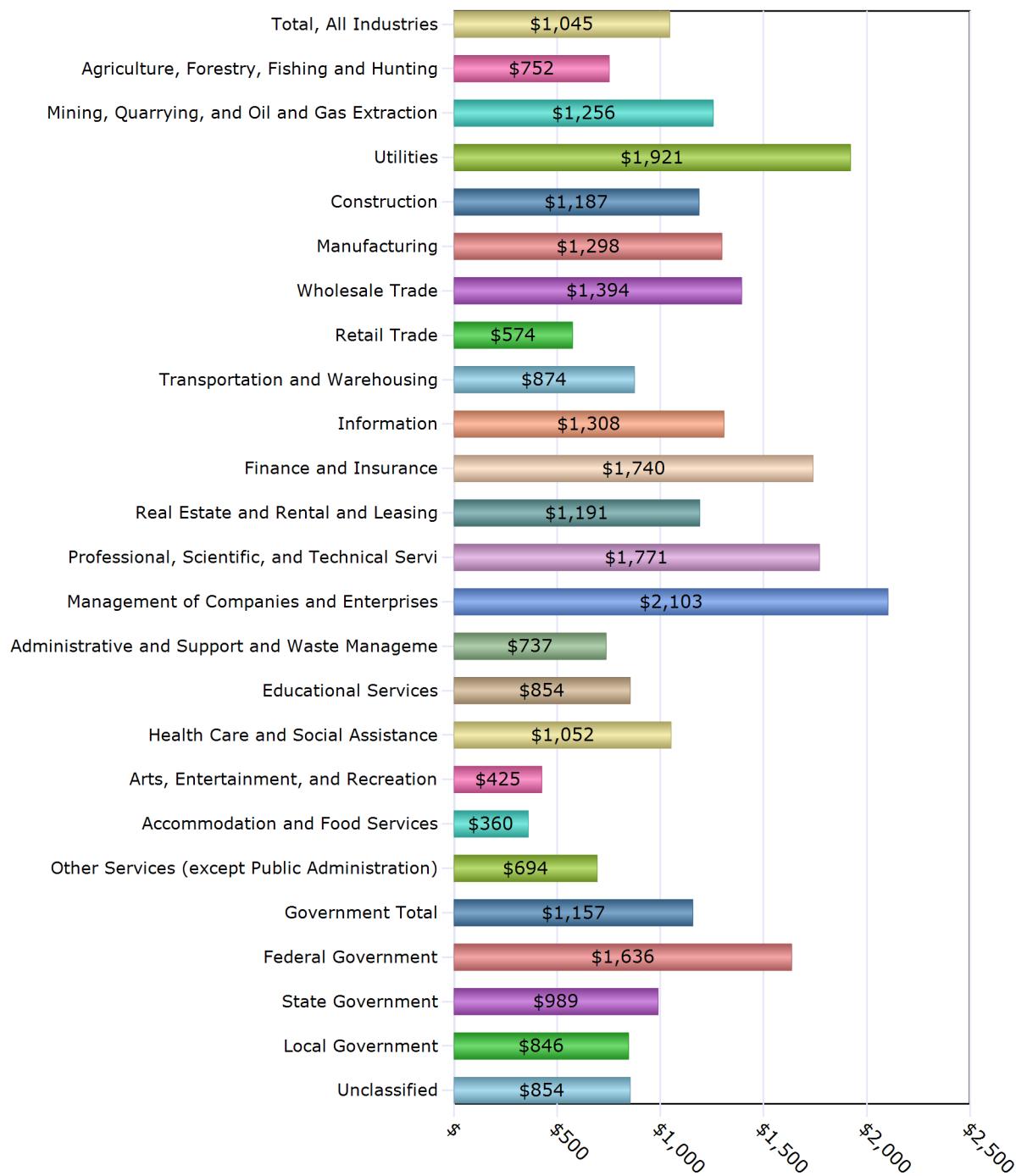
## Turnover by Industry



**Average: 8.2%**

Source: U.S. Census Bureau,  
Local Employment Dynamics (LED) Program, 1st Quarter (January, February, March) 2016, 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), 4th Quarter (October, November, December) 2018.

## Age of Workers by Industry

	14–18	19–21	22–24	25–34	35–44	45–54	55–64	65+
Total, All Industries	12,159	25,127	37,861	140,161	131,814	144,087	112,170	37,173
Agriculture, Forestry, Fishing and Hunting	24	40	67	199	198	265	224	101
Mining, Quarrying, and Oil and Gas Extraction		8	19	87	132	153	125	28
Utilities		12	66	637	728	929	857	99
Construction	224	1,158	1,843	8,102	8,492	9,248	6,659	2,122
Manufacturing	124	473	949	5,202	6,476	9,773	7,882	1,565
Wholesale Trade	91	427	1,086	5,758	6,533	8,096	6,126	1,709
Retail Trade	2,611	6,359	6,551	15,915	11,216	12,577	10,639	4,622
Transportation and Warehousing	100	1,041	1,738	5,556	4,831	6,090	4,246	1,217
Information	158	217	450	1,847	2,427	2,400	1,527	358
Finance and Insurance	64	295	1,601	9,638	11,859	11,497	6,985	1,568
Real Estate and Rental and Leasing	31	164	450	2,048	1,795	2,007	1,583	743
Professional, Scientific, and Technical Services	180	562	1,913	10,120	10,066	9,992	7,428	2,548
Management of Companies and Enterprises	126	305	744	4,474	5,572	6,780	5,268	1,035
Administrative and Support and Waste Management	262	1,706	3,564	12,020	10,311	10,779	7,814	3,026
Educational Services	432	1,359	2,285	10,085	11,421	12,612	11,820	4,804
Health Care and Social Assistance	448	1,964	4,575	21,642	19,038	19,088	15,581	5,018
Arts, Entertainment, and Recreation	1,456	1,134	1,134	2,725	1,853	1,959	1,560	819
Accommodation and Food Services	5,246	6,675	6,468	13,760	7,946	6,542	4,085	1,789
Other Services (except Public Administration)	536	1,025	1,473	4,680	4,009	4,564	3,572	1,725
Public Administration	44	202	884	5,667	6,912	8,736	8,188	2,277

Source: U.S. Census Bureau,  
Local Employment Dynamics (LED) Program, 2nd Quarter (April, May, June) 2016, 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	3,977,869	4,345,923	368,054	9.25%	.89%
Agriculture, Forestry, Fishing and Hunting	58,935	54,824	-4,111	-6.98%	-.72%
Mining, Quarrying, and Oil and Gas Extraction	7,470	7,259	-211	-2.82%	-.29%
Utilities	10,631	9,516	-1,115	-10.49%	-1.1%
Construction	178,203	200,963	22,760	12.77%	1.21%
Manufacturing	231,497	219,778	-11,719	-5.06%	-.52%
Wholesale Trade	110,804	114,430	3,626	3.27%	.32%
Retail Trade	413,395	442,557	29,162	7.05%	.68%
Transportation and Warehousing	107,989	113,524	5,535	5.13%	.5%
Information	71,474	69,426	-2,048	-2.87%	-.29%
Finance and Insurance	129,981	141,636	11,655	8.97%	.86%
Real Estate and Rental and Leasing	51,535	53,346	1,811	3.51%	.35%
Professional, Scientific, and Technical Services	389,128	459,829	70,701	18.17%	1.68%
Management of Companies and Enterprises	74,283	77,075	2,792	3.76%	.37%
Administrative and Support and Waste Management	214,758	234,450	19,692	9.17%	.88%
Educational Services	352,778	395,156	42,378	12.01%	1.14%
Health Care and Social Assistance	418,602	515,689	97,087	23.19%	2.11%
Arts, Entertainment, and Recreation	49,367	55,167	5,800	11.75%	1.12%
Accommodation and Food Services	321,040	352,330	31,290	9.75%	.93%
Other Services (except Public Administration)	131,382	143,824	12,442	9.47%	.91%

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

Projections data is for Virginia. No data available for Richmond MSA.

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 Services	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 Management	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 Richmond MSA.*

*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	3,977,869	4,345,923	9.25%	91,873	39,696	131,569
Management Occupations	245,713	260,353	5.96%	5,341	1,643	6,984
Business and Financial Operations Occupations	272,943	304,041	11.39%	5,310	3,135	8,445
Computer and Mathematical Occupations	199,588	234,513	17.5%	2,856	3,613	6,469
Architecture and Engineering Occupations	77,469	80,679	4.14%	1,898	382	2,280
Life, Physical, and Social Science Occupations	33,772	37,033	9.66%	869	331	1,200
Community and Social Service Occupations	52,465	60,234	14.81%	1,130	777	1,907
Legal Occupations	43,393	46,695	7.61%	785	356	1,141
Education, Training, and Library Occupations	235,652	265,508	12.67%	5,024	2,986	8,010
Arts, Design, Entertainment, Sports, and Media Occupations	60,392	65,726	8.83%	1,444	563	2,007
Healthcare Practitioners and Technical Occupations	202,439	239,735	18.42%	4,463	3,731	8,194
Healthcare Support Occupations	88,809	114,202	28.59%	1,946	2,539	4,485
Protective Service Occupations	104,345	116,523	11.67%	2,450	1,230	3,680
Food Preparation and Serving Related Occupations	314,694	349,577	11.08%	11,703	3,621	15,324
Building and Grounds Cleaning and Maintenance Occupations	146,794	157,362	7.2%	2,944	1,058	4,002
Personal Care and Service Occupations	148,432	171,914	15.82%	3,107	2,353	5,460
Sales and Related Occupations	421,043	447,037	6.17%	12,435	2,627	15,062
Office and Administrative Support Occupations	549,417	576,971	5.02%	11,542	3,762	15,304
Farming, Fishing, and Forestry Occupations	39,772	37,134	-6.63%	1,027	47	1,074
Construction and Extraction Occupations	183,368	201,618	9.95%	2,794	1,840	4,634
Installation, Maintenance, and Repair Occupations	151,233	163,586	8.17%	3,482	1,310	4,792
Production Occupations	179,752	175,957	-2.11%	3,946	438	4,384
Transportation and Material Moving Occupations	226,384	239,525	5.8%	5,378	1,351	6,729

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

Projections data is for Virginia. No data available for Richmond MSA.

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 Richmond MSA.

Source: Virginia Employment Commission, Economic Information & Analytics, Short Term Industry and Occupational Projections, 2015-2017.

## Growth Occupations

	Employment			Average Annual Openings			Average Annual Salary
	Estimated 2014	Projected 2024	% Change	Replace -ments	Growth	Total	
Occupational Therapy Assistants	795	1,217	53.08%	23	42	65	\$68,366
Physical Therapist Aides	1,130	1,674	48.14%	33	54	87	\$29,012
Home Health Aides	9,928	14,494	45.99%	224	457	681	\$24,192
Personal Financial Advisors	5,568	8,021	44.06%	140	245	385	\$123,599
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	276	396	43.48%	5	12	17	\$25,011
Nurse Practitioners	3,522	5,045	43.24%	83	152	235	\$107,001
Physical Therapist Assistants	2,085	2,979	42.88%	60	89	149	\$62,039
Hearing Aid Specialists	141	201	42.55%	1	6	7	\$44,776
Audiologists	428	605	41.36%	10	18	28	\$81,271
Physician Assistants	2,070	2,901	40.14%	46	83	129	\$101,070
Interpreters and Translators	2,381	3,325	39.65%	38	94	132	\$72,002
Nurse Midwives	119	166	39.5%	3	5	8	\$91,435
Statisticians	945	1,313	38.94%	17	37	54	\$89,227
Commercial Divers	165	229	38.79%	2	6	8	\$51,607
Industrial-Organizational Psychologists	140	191	36.43%	3	5	8	\$128,418
Physical Therapists	4,905	6,673	36.04%	131	177	308	\$93,297
Operations Research Analysts	5,560	7,505	34.98%	99	194	293	\$106,808
Forensic Science Technicians	656	885	34.91%	28	23	51	\$71,514
Arbitrators, Mediators, and Conciliators	***	***	***	***	***	***	N/A
Phlebotomists	3,465	4,658	34.43%	72	119	191	\$37,114

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

Projections and OES wage data are for Virginia. No data available for Richmond MSA.

Source: Virginia Employment Commission, Economic Information & Analytics,  
Long Term Industry and Occupational Projections, 2014-2024  
Occupational Employment Statistics (OES) Survey, 2018.

## Declining Occupations

	Employment			Openings		
	Estimated 2014	Projected 2024	% Change	Replace- ments	Growth	Total
Locomotive Firers	***	***	***	***	***	***
Electronic Equipment Installers and Repairers, Motor Vehicles	316	160	-49.37%	6	0	6
Telephone Operators	183	112	-38.8%	4	0	4
Postal Service Mail Sorters, Processors, and Processing Machine Operators	2,660	1,761	-33.8%	31	0	31
Switchboard Operators, Including Answering Service	2,189	1,521	-30.52%	26	0	26
Photographic Process Workers and Processing Machine Operators	2,494	1,785	-28.43%	48	0	48
Postmasters and Mail Superintendents	***	***	***	***	***	***
Postal Service Clerks	1,898	1,399	-26.29%	23	0	23
Postal Service Mail Carriers	7,053	5,199	-26.29%	136	0	136
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,636	1,208	-26.16%	40	0	40
Textile Knitting and Weaving Machine Setters, Operators, and Tenders	1,316	980	-25.53%	22	0	22
Textile Bleaching and Dyeing Machine Operators and Tenders	288	215	-25.35%	3	0	3
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,979	1,489	-24.76%	29	0	29
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	***	***	***	***	***	***
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	470	362	-22.98%	12	0	12
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	521	405	-22.26%	22	0	22
Textile Cutting Machine Setters, Operators, and Tenders	248	193	-22.18%	4	0	4
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,067	1,615	-21.87%	26	0	26
Motion Picture Projectionists	203	159	-21.67%	8	0	8
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	248	195	-21.37%	6	0	6

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

Projections data is for Virginia. No data available for Richmond MSA.

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
<b>2009</b>	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
<b>2010</b>	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
<b>2011</b>	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
<b>2012</b>	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
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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
<b>2016</b>	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
<b>2017</b>	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
<b>2018</b>	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
<b>2019</b>	251.712	252.776	254.202	255.548	256.092	256.143								

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

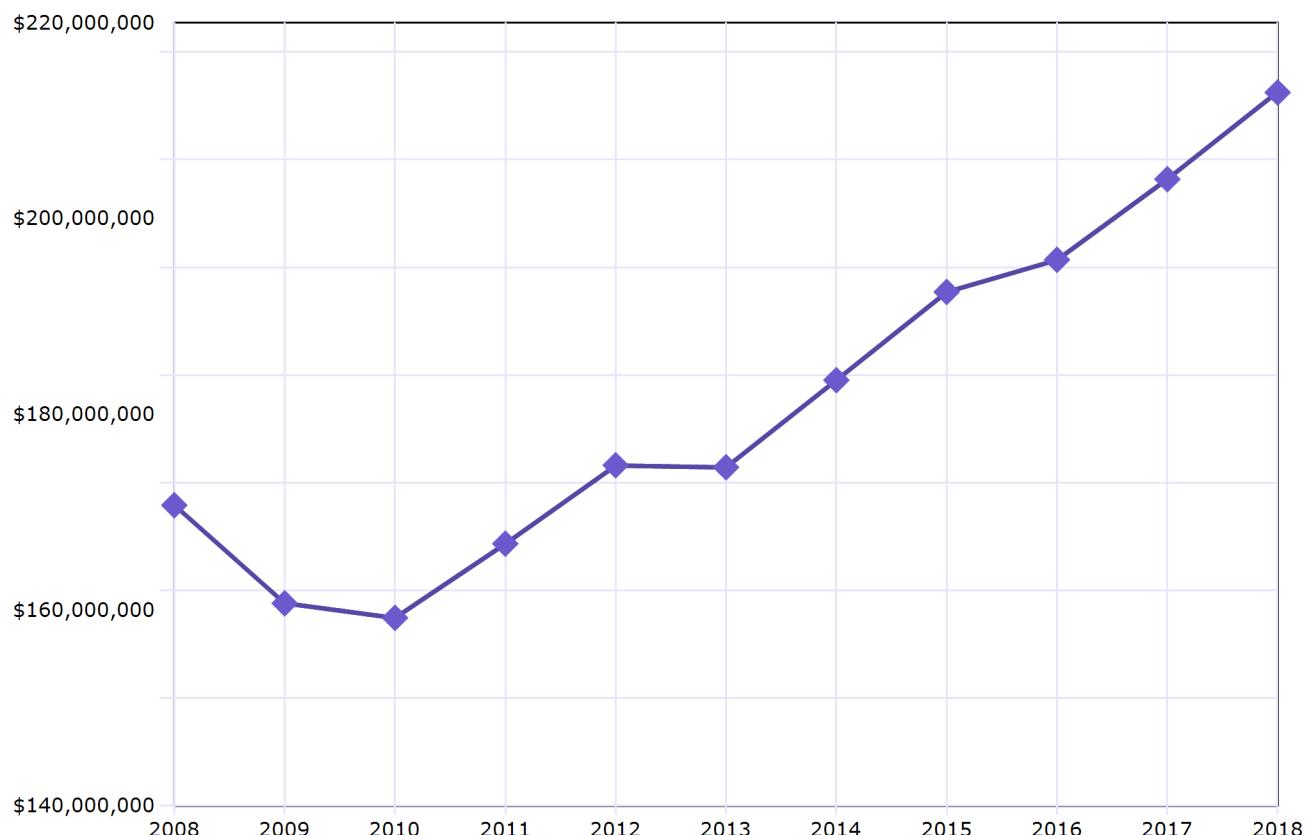
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Ann.	% chg
<b>2009</b>	205.700	206.708	207.218	207.925	208.774	210.972	210.526	211.156	211.322	211.549	212.003	211.703	209.630	-0.7
<b>2010</b>	212.568	212.544	213.525	213.958	214.124	213.839	213.898	214.205	214.306	214.623	214.750	215.262	213.967	2.1
<b>2011</b>	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
<b>2012</b>	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
<b>2013</b>	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
<b>2014</b>	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
<b>2015</b>	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
<b>2016</b>	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
<b>2017</b>	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
<b>2018</b>	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
<b>2019</b>	245.133	246.218	247.768	249.332	249.871	249.747								

*Note: CPI data is for the United States only. No data available for Richmond MSA.*

*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*



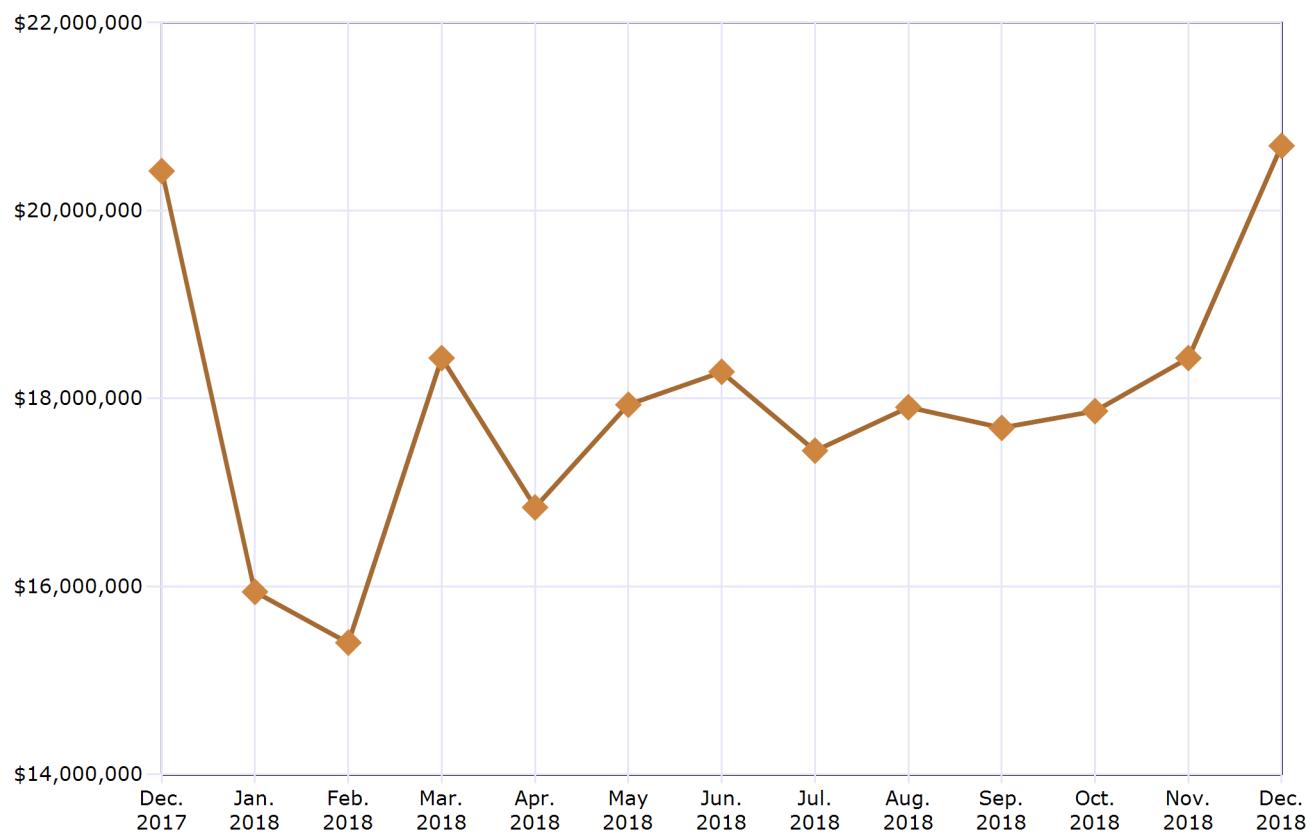
	<b>Richmond MSA</b>	<b>Virginia</b>
<b>2008</b>	\$170,702,183	\$1,032,815,078
<b>2009</b>	\$160,679,039	\$979,594,664
<b>2010</b>	\$159,196,778	\$992,820,512
<b>2011</b>	\$166,771,334	\$1,035,981,229
<b>2012</b>	\$174,784,760	\$1,080,663,042
<b>2013</b>	\$174,581,655	\$1,093,292,668
<b>2014</b>	\$183,479,528	\$1,131,194,860
<b>2015</b>	\$192,492,172	\$1,179,611,271
<b>2016</b>	\$195,780,695	\$1,202,257,995
<b>2017</b>	\$204,009,426	\$1,232,981,515
<b>2018</b>	\$212,867,345	\$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*



	Richmond MSA	Virginia
<b>Dec. 2017</b>	\$20,420,893	\$123,193,863
<b>Jan. 2018</b>	\$15,943,184	\$90,794,207
<b>Feb. 2018</b>	\$15,402,852	\$90,576,093
<b>Mar. 2018</b>	\$18,431,227	\$107,834,402
<b>Apr. 2018</b>	\$16,842,070	\$102,372,977
<b>May 2018</b>	\$17,934,579	\$110,211,496
<b>Jun. 2018</b>	\$18,285,009	\$112,529,037
<b>Jul. 2018</b>	\$17,445,656	\$107,211,401
<b>Aug. 2018</b>	\$17,907,548	\$109,428,585
<b>Sep. 2018</b>	\$17,687,936	\$105,468,340
<b>Oct. 2018</b>	\$17,866,268	\$107,742,243
<b>Nov. 2018</b>	\$18,431,418	\$112,348,128
<b>Dec. 2018</b>	\$20,689,598	\$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 Richmond MSA 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.

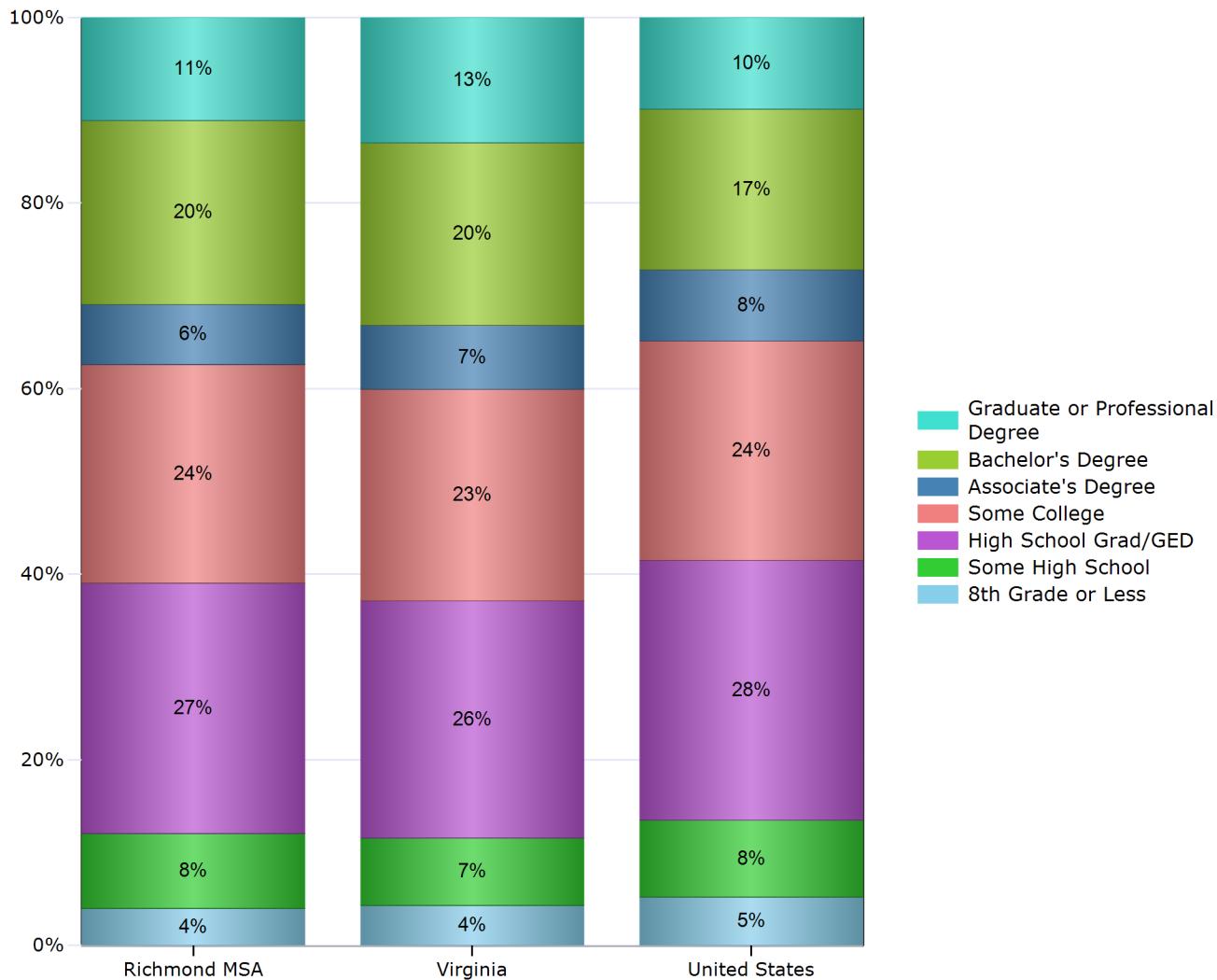
**First-professional degree**

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

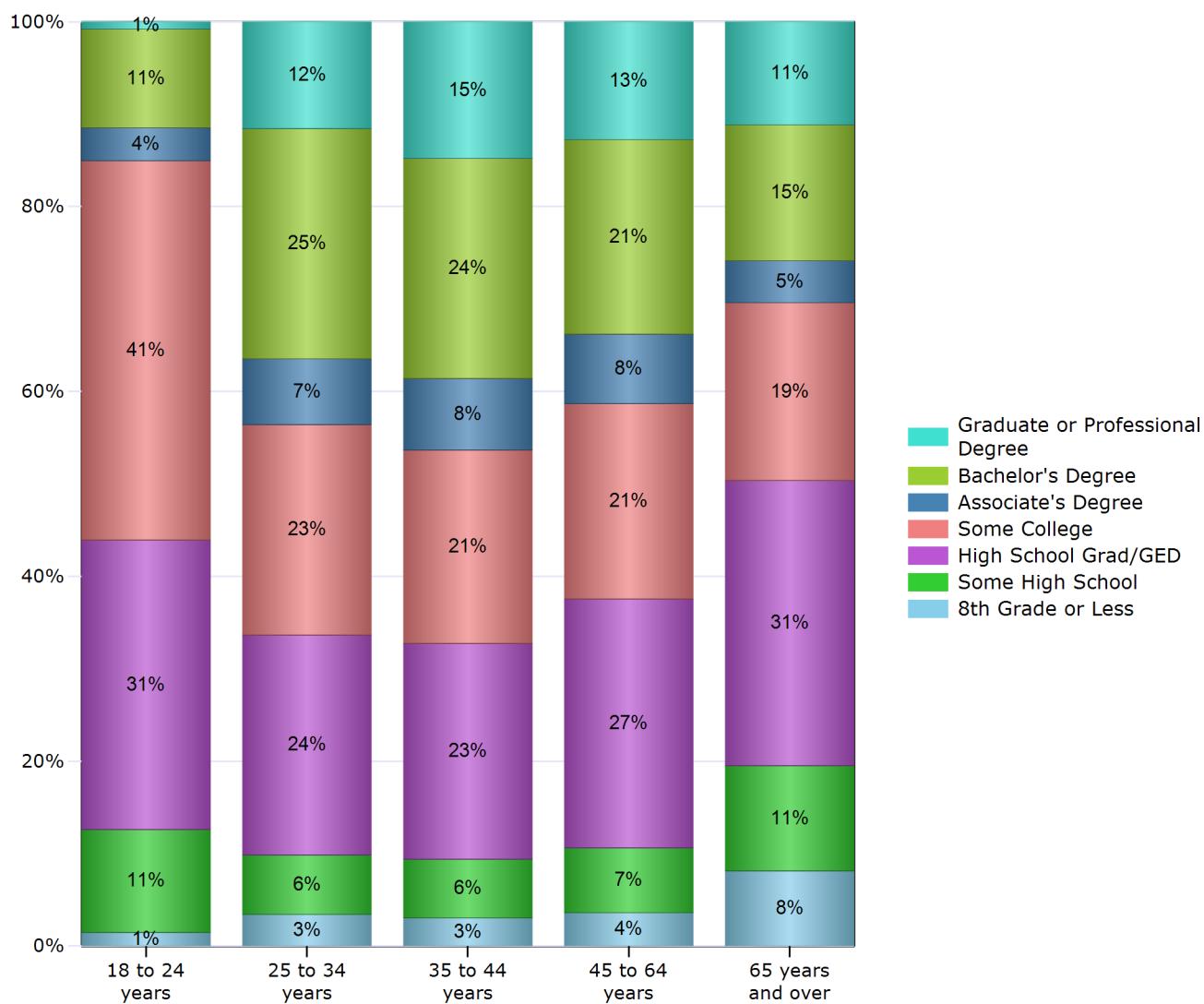
(Population 18 years and over)



	Richmond MSA	Virginia	United States
<b>8th Grade or Less</b>	38,480	275,329	12,639,425
<b>Some High School</b>	77,911	464,075	20,093,117
<b>High School Grad/GED</b>	260,708	1,633,105	68,044,371
<b>Some College</b>	227,594	1,457,887	57,431,237
<b>Associate's Degree</b>	62,572	440,219	18,586,866
<b>Bachelor's Degree</b>	191,387	1,258,661	42,027,629
<b>Graduate or Professional Degree</b>	107,294	862,686	24,008,551
	<b>965,946</b>	<b>6,391,962</b>	<b>242,831,196</b>

Source: U.S. Census Bureau  
American Community Survey, 2011-2015.

## Educational Attainment by Age

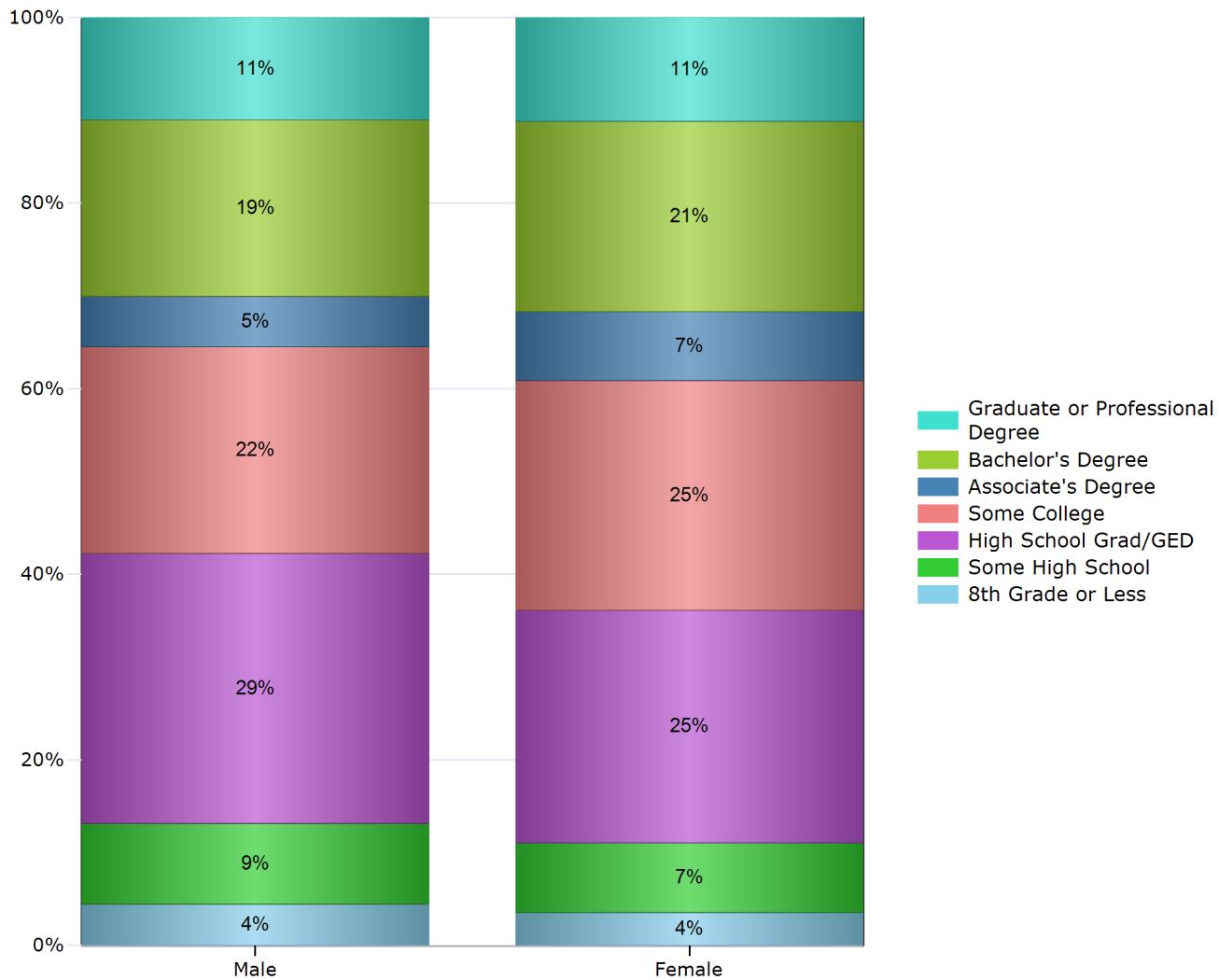


	<b>18 - 24</b>	<b>25 - 34</b>	<b>35 - 44</b>	<b>45 - 64</b>	<b>65+</b>	<b>Total</b>
<b>8th Grade or Less</b>	1,785	5,854	4,954	12,443	13,444	<b>38,480</b>
<b>Some High School</b>	13,497	11,059	10,377	24,161	18,817	<b>77,911</b>
<b>High School Grad/GED</b>	37,941	40,809	38,070	92,860	51,028	<b>260,708</b>
<b>Some College</b>	49,739	39,041	34,154	72,861	31,799	<b>227,594</b>
<b>Associate's Degree</b>	4,319	12,211	12,622	25,899	7,521	<b>62,572</b>
<b>Bachelor's Degree</b>	12,935	42,721	38,864	72,554	24,313	<b>191,387</b>
<b>Graduate or Professional Degree</b>	956	19,825	24,121	43,951	18,441	<b>107,294</b>
	<b>121,172</b>	<b>171,520</b>	<b>163,162</b>	<b>344,729</b>	<b>165,363</b>	<b>965,946</b>

Source: U.S. Census Bureau  
American Community Survey, 2011-2015.

## Educational Attainment by Gender

(Population 18 years and over)

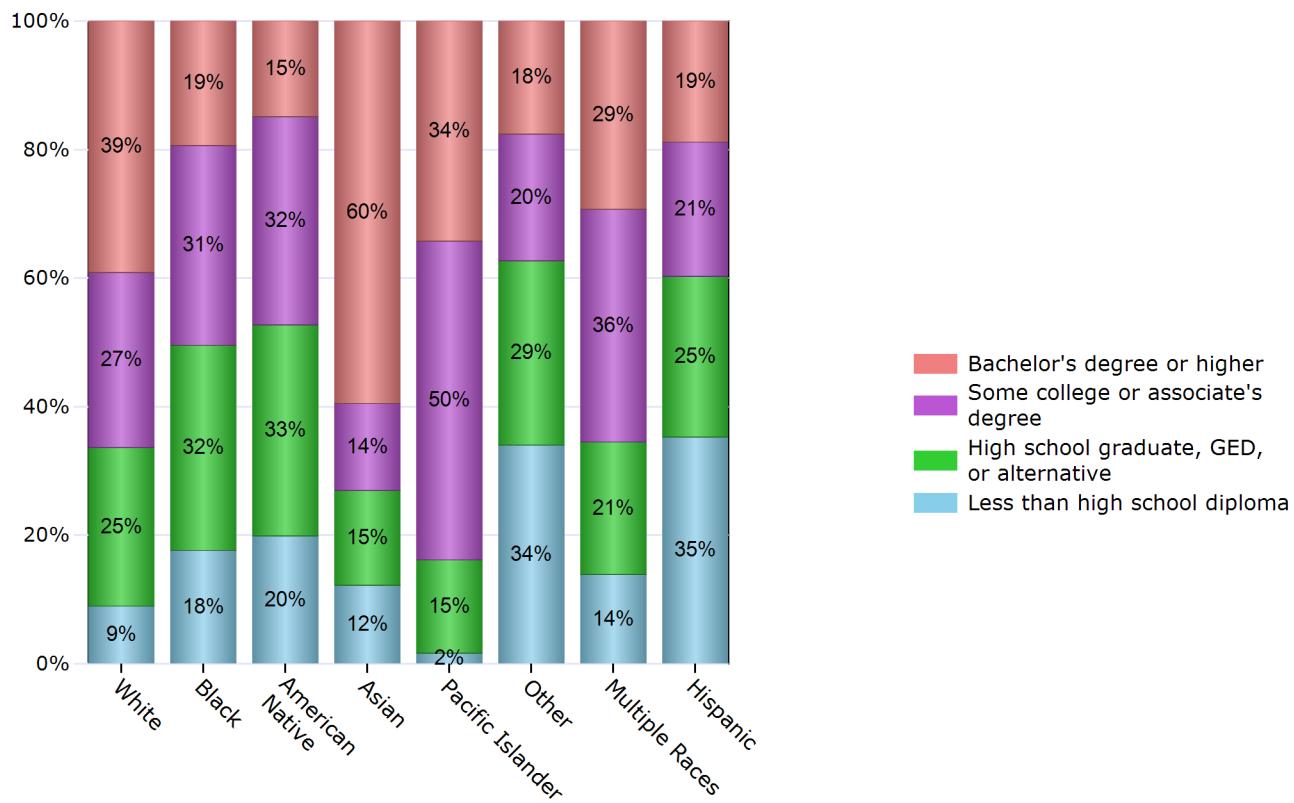


	Male	Female	Total
<b>8th Grade or Less</b>	20,526	17,954	<b>38,480</b>
<b>Some High School</b>	40,037	37,874	<b>77,911</b>
<b>High School Grad/GED</b>	134,039	126,669	<b>260,708</b>
<b>Some College</b>	102,484	125,110	<b>227,594</b>
<b>Associate's Degree</b>	25,076	37,496	<b>62,572</b>
<b>Bachelor's Degree</b>	87,665	103,722	<b>191,387</b>
<b>Graduate or Professional Degree</b>	50,793	56,501	<b>107,294</b>
	<b>460,620</b>	<b>505,326</b>	<b>965,946</b>

Source: U.S. Census Bureau  
American Community Survey, 2011-2015.

## Educational Attainment by Race/Ethnicity

(Population 25 years and over)



	Less than high school diploma	High school grad, GED, or alternative	Some college or associate's degree	Bachelor's degree or higher	Total
<b>Race</b>					
White	49,106	135,017	149,325	214,234	<b>547,682</b>
Black or African American	42,356	76,517	74,577	46,480	<b>239,930</b>
American Indian or Alaska Native	653	1,078	1,064	488	<b>3,283</b>
Asian	3,628	4,377	4,023	17,688	<b>29,716</b>
Native Hawaiian/Pacific Islander	6	53	181	125	<b>365</b>
Other	3,472	2,922	2,013	1,794	<b>10,201</b>
Multiple Races	1,888	2,803	4,925	3,981	<b>13,597</b>
<b>Ethnicity</b>					
Hispanic or Latino (of any race)	13,131	9,313	7,778	7,011	<b>37,233</b>
	<b>114,240</b>	<b>232,080</b>	<b>243,886</b>	<b>291,801</b>	<b>882,007</b>

Source: U.S. Census Bureau  
American Community Survey, 2011-2015.

## Graduate Data Trends

### Richmond MSA

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.	BA	Cert. Post-BA	MA	Cert. Post-MA	Ph.D.	1st Prof.
<b>2006</b>	463	284	1883	17	5045	211	1586	46	213	736
<b>2007</b>	417	146	2178	19	5387	237	1694	76	215	721
<b>2008</b>	545	181	1787	14	5147	311	1706	84	250	514
<b>2009</b>	580	235	1968	4	5209	285	1710	89	219	520
<b>2010</b>	697	874	2241	83	5947	315	2160	70	293	578
<b>2011</b>	862	1127	2260	102	6437	279	2277	89	342	577
<b>2012</b>	1,005	1286	2479	121	6755	312	2195	68	356	570
<b>2013</b>	978	1206	2621	63	7170	308	2160	38	338	577
<b>2016</b>	869	1376	2266	71	8264	264	2124	37	338	559

Note: This table only reflects degrees completed from institutions within Richmond MSA

### Virginia Statewide

	Cert. <1 yr.	Cert. 1-2 yrs.	Assoc.	Cert. 2-4 yrs.	BA	Cert. Post-BA	MA	Cert. Post-MA	Ph.D.	1st Prof.
<b>2006</b>	4,213	4,298	14,431	102	39,247	608	12,429	225	1,440	2,490
<b>2007</b>	4,478	3,686	15,519	116	40,381	650	12,781	252	1,516	2,626
<b>2008</b>	5,197	3,813	16,207	134	39,160	725	13,802	334	1,080	2,168
<b>2009</b>	6,259	4,587	17,179	85	40,233	756	15,445	300	925	2,064
<b>2010</b>	7,648	8,158	21,014	374	45,361	915	18,889	601	2,100	2,598
<b>2011</b>	6,972	12,557	24,306	473	49,109	1,055	20,697	727	2,329	2,658
<b>2012</b>	8,825	12,801	26,199	620	53,051	1,215	21,516	686	2,095	3,298
<b>2013</b>	8,153	12,179	25,854	484	54,778	1,067	22,782	706	2,230	2,963
<b>2016</b>	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](http://www.VirginiaLMI.com)



## Training Providers

**Virginia Commonwealth University**

910 W Franklin St

Richmond, VA 23284

Phone: (804) 828-0100

<http://www.vcu.edu/>

Number of 2016 graduates: 7,912

**Randolph-Macon College**

204 Henry St

Ashland, VA 23005

Phone: (804) 752-7200

<http://www.rmc.edu>

Number of 2016 graduates: 374

**J Sargeant Reynolds Community College**

1651 East Parham Road

Richmond, VA 23228

Phone: (804) 371-3000

<http://www.reynolds.edu>

Number of 2016 graduates: 1,705

**Virginia Union University**

1500 N Lombardy St

Richmond, VA 23220

Phone: (804) 257-5600

<http://www.vuu.edu>

Number of 2016 graduates: 359

**John Tyler Community College**

13101 Jefferson Davis Hwy

Chester, VA 23831

Phone: (804) 796-4000

<http://www.jtcc.edu>

Number of 2016 graduates: 1,610

**Virginia School of Technology-Richmond**

2000 Westmoreland Street, Suite A

Richmond, VA 23230

Phone: (804) 323-1020

<http://www.fortis.edu>

Number of 2016 graduates: 231

**University of Richmond**

28 Westhampton Way

University Of Richmond, VA 23173

Phone: (804) 289-8000

<http://www.richmond.edu>

Number of 2016 graduates: 1,312

**Richard Bland Col of the Col of William**

11301 Johnson Rd.

South Prince George, VA 23805

Phone: (804) 862-6100

<http://www.rbc.edu>

Number of 2016 graduates: 211

**Virginia State University**

1 Hayden Drive  
Petersburg, VA 23806

Phone: (804) 524-5000

<http://www.vsu.edu>

Number of 2016 graduates: 1,021

**Bon Secours Memorial School of Nursing**

8550 Magellan Parkway Suite 1100  
Richmond, VA 23227

Phone: (804) 627-5300

<http://www.bsmcon.edu>

Number of 2016 graduates: 159

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