



# Virginia Healthcare Workforce Briefs

Indicators from the Bureau of Labor Statistics'  
Current Employment Statistics Survey  
**Series 2: Regional & Sectoral Employment**

Series 2, Issue 71

February 2018

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Data in this report are not seasonally adjusted. Self-employed persons, including health professionals in private practice, are not included.

## Highlights

- ◆ Data in this series are not seasonally adjusted and exhibit short-term volatility from fluctuations in holidays, weekends, weather and other seasonal factors. This report incorporates the release of annual benchmark data that includes revised estimates over the past several years.
- ◆ Virginia's Health Care & Social Assistance (HC&SA) sector followed up its loss of 2,500 jobs in December with the decline of an additional 2,600 jobs in January, which represents a one-month annualized employment growth rate of -6.9%.
- ◆ No region in Virginia increased HC&SA employment in January. With the loss of 1,000 jobs, Hampton Roads experienced the worst HC&SA employment decline during the month. At the same time, Richmond's HC&SA sector lost 900 jobs, while HC&SA employment in the Rest of Virginia fell by 700.
- ◆ After losing 2,500 jobs in December, Social Assistance experienced a small rebound in January with the creation of 400 new jobs. However, this gain was erased by losses elsewhere. Ambulatory Health Care Services lost 2,200 jobs in January. In addition, Hospitals lost 500 jobs, and Nursing & Residential Care Facilities lost 300 jobs.

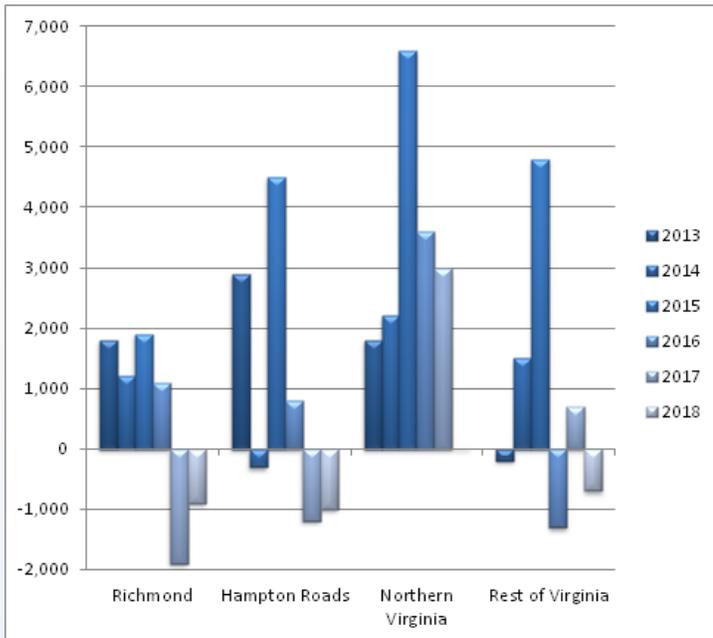
## Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	Jan. 2017	Oct. 2017	Dec. 2017	Jan. 2018	12 Month	3 Month	1 Month
<b>Virginia</b>							
Total Nonfarm	3,874.4	3,977.7	3,976.6	3,894.5	0.5%	-8.1%	-22.1%
Health Care & Social Assistance	430.7	436.9	435.1	432.5	0.4%	-4.0%	-6.9%
<b>Hampton Roads</b>							
Total Nonfarm	760.6	782.5	779.5	761.2	0.1%	-10.5%	-24.8%
Health Care & Social Assistance	92.2	92.6	91.8	90.8	-1.5%	-7.6%	-12.3%
<b>Northern Virginia</b>							
Total Nonfarm	1,433.5	1,470.0	1,480.9	1,461.1	1.9%	-2.4%	-14.9%
Health Care & Social Assistance	126.7	131.8	131.2	131.2	3.6%	-1.8%	0.0%
<b>Richmond</b>							
Total Nonfarm	657.8	676.8	675.2	662.0	0.6%	-8.5%	-21.1%
Health Care & Social Assistance	83.4	82.8	82.2	81.3	-2.5%	-7.1%	-12.4%
<b>Rest of Virginia</b>							
Total Nonfarm	1,022.5	1,048.4	1,041.0	1,010.2	-1.2%	-13.8%	-30.3%
Health Care & Social Assistance	128.4	129.7	129.9	129.2	0.6%	-1.5%	-6.3%

Preliminary estimates are italicized

\*Seasonally adjusted data are adjusted by the Bureau of Labor Statistics to account for weather and other seasonal changes. Since the US Bureau of Labor Statistics does not provide seasonally adjusted data at this level, this series uses non-seasonally adjusted data exclusively. Seasonal variation may account for some of the variation in time series data. When comparing data in this series to other HWDC series or other publications it is important to note whether the data reported have been seasonally adjusted.

### Regional HC&SA Employment Growth, Level



**Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan. for 2018).**

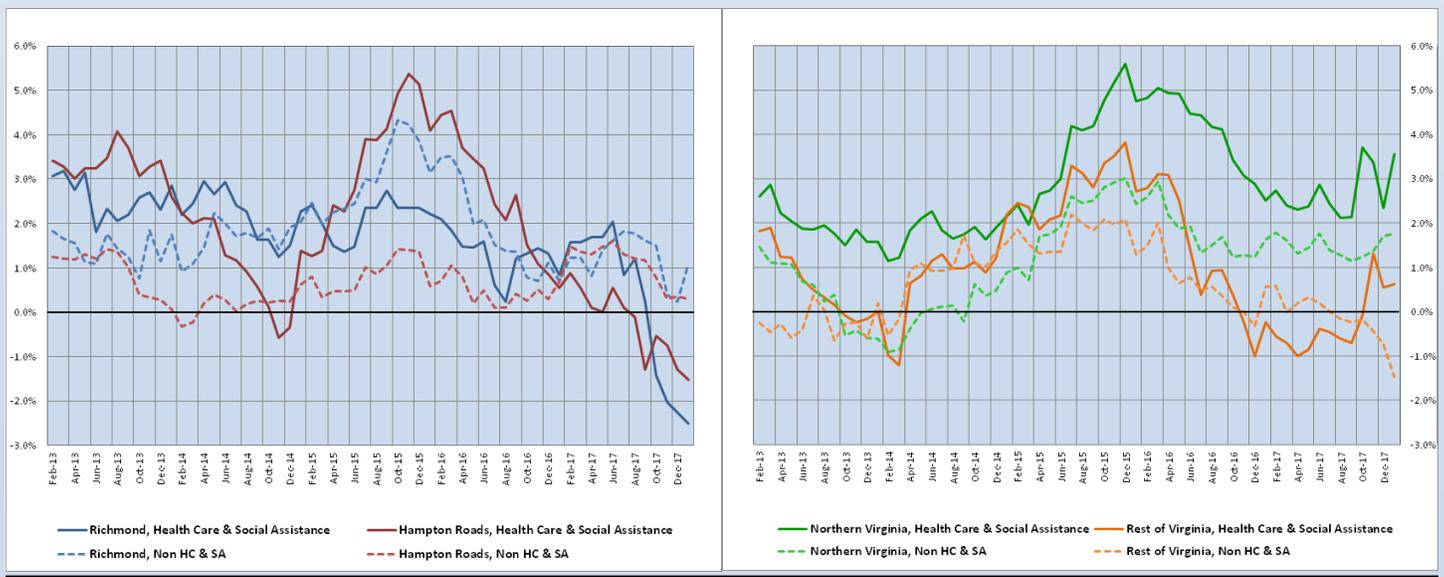
According to data released on Monday, March 12, 2018, by the U.S. Department of Labor, Bureau of Labor Statistics, Virginia’s Health Care & Social Assistance (HC&SA) sector experienced its second consecutive month of significant employment losses. In December, Virginia’s HC&SA subsector lost 2,500 jobs, and this decline was followed by the loss of an additional 2,600 jobs in January. January’s result represents a one-month annualized growth rate of -6.9%.

No region in the state created HC&SA jobs in January. Hampton Roads experienced the largest HC&SA employment decline in January with the loss of 1,000 jobs. With this decline, HC&SA employment in Hampton Roads has now declined in four of the past five months. At the same time, employment in Richmond’s HC&SA sector fell by 900 in January. HC&SA employment in Richmond has now declined for five consecutive months. Meanwhile, the Rest of Virginia’s HC&SA sector lost 700 jobs in January. As for Northern Virginia, its HC&SA sector experienced no employment change during the month.

### Year-Over-Year Regional Employment Growth

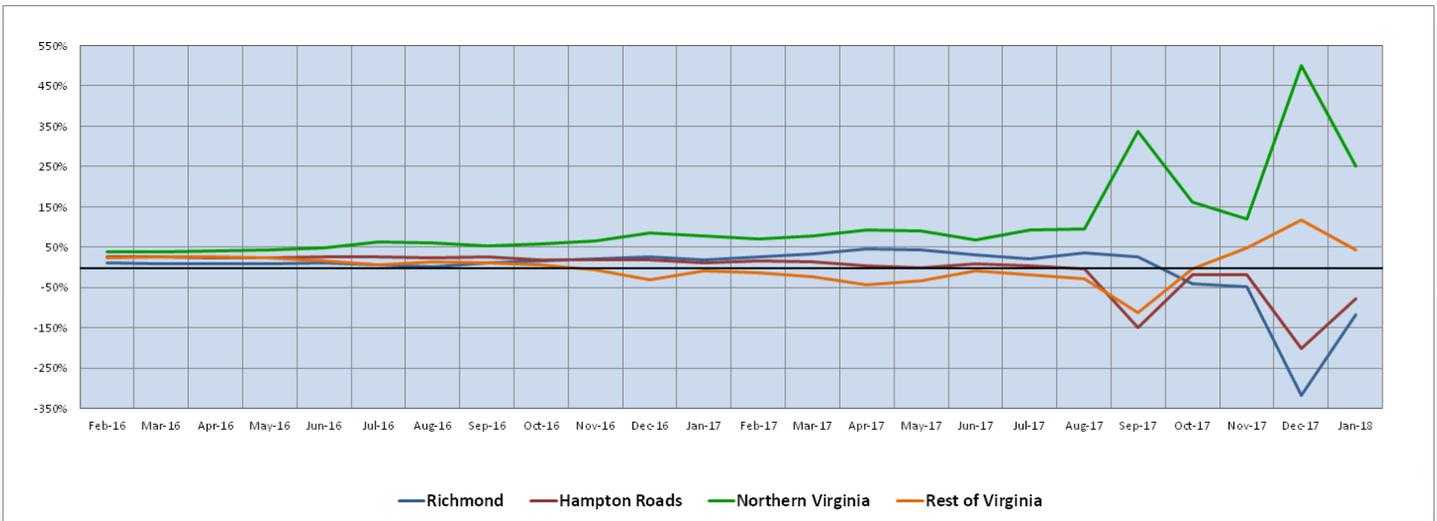
Although Northern Virginia did not produce any HC&SA jobs in January, its year-over-year HC&SA employment growth rate reached a three-month high of 3.55% during the month. Thus, Northern Virginia continues to enjoy the strongest long-term HC&SA employment growth in the state. The Rest of Virginia experienced a small increase in its year-over-year HC&SA employment growth rate in January from 0.54% to 0.62%, a figure that represents a marked improvement relative to the growth rates observed in 2017. On the other hand, Hampton Roads saw its year-over-year HC&SA employment growth rate fall from -1.29% to -1.52%, while Richmond’s growth rate declined from -2.26% to -2.52%.

**Figure 2: Year-Over-Year Employment Growth (Not Seasonally Adjusted).**



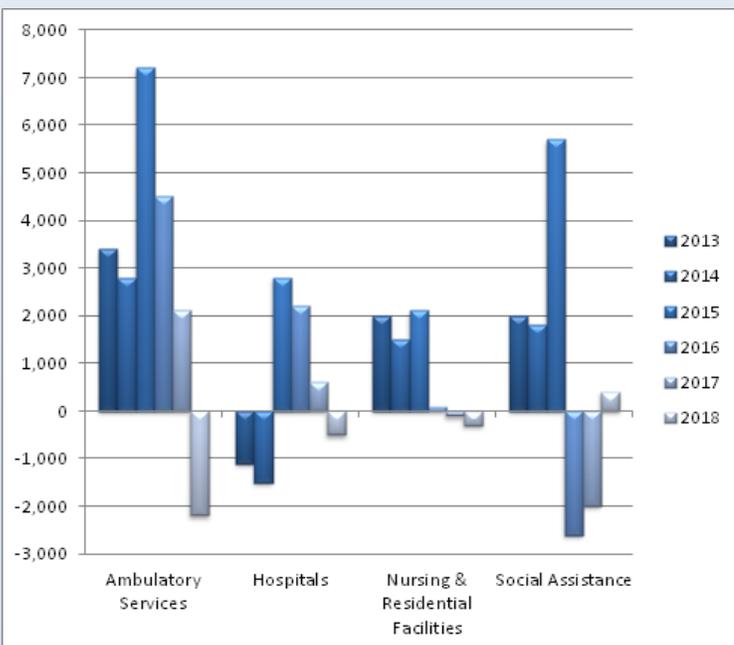
### Regional Share of 12-month Growth

**Figure 3: Regional Share of Previous 12-Month Employment Growth in Virginia’s HC&SA Sector, Not Seasonally Adjusted.**



Over the past six months, there has been a marked increase in the volatility of the 12-month HC&SA employment growth shares across Virginia’s major regions. This volatility is due to the weak employment growth in Virginia’s HC&SA sector over the past year. With the inclusion of January’s annual benchmark revisions, this sector only created a total of 600 jobs in 2017. Regardless, this volatility diminished somewhat in January even though Virginia’s HC&SA sector lost 2,600 jobs during the month. Over the past 12 months, Northern Virginia has been responsible for 250.00% of all HC&SA employment growth in the state, while the Rest of Virginia has been responsible for 44.44%. Meanwhile, Richmond’s 12-month HC&SA employment growth share is currently at -116.67%, and the growth share in Hampton Roads is -77.78%.

### Subsector Employment Growth



**Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan. for 2018).**

Although Virginia’s HC&SA sector experienced significant employment losses in January, its Social Assistance subsector was able to overcome this downward trend by creating 400 jobs during the month. Regardless, this month’s employment gain was not enough to reverse the loss of 2,500 jobs in this subsector in December.

Most of Virginia’s HC&SA employment losses came from its Ambulatory Health Care Services subsector in January. This subsector lost 2,200 jobs during the month. This represents the second consecutive month in which employment in Virginia’s Ambulatory Health Care Services subsector has fallen.

Meanwhile, Virginia’s Hospitals lost 500 jobs during the month. This subsector has not experienced any positive employment growth in four months. At the same time, the state’s Nursing & Residential Care Facilities subsector saw employment fall by 300 in January. This loss nearly erased the gain of 400 jobs in December when this was the only HC&SA subsector to increase employment in the state.

### Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	Jan. 2017	Oct. 2017	Dec. 2017	Jan. 2018	12 Month	3 Month	1 Month
<b>Virginia</b>							
Health Care & Social Assistance	430.7	436.9	435.1	432.5	0.4%	-4.0%	-6.9%
<i>Ambulatory Health Care Services</i>	174.1	178.5	178.3	176.1	1.1%	-5.3%	-13.8%
<i>Hospitals</i>	105.7	107.3	107.0	106.5	0.8%	-2.9%	-5.5%
<i>Nursing &amp; Residential Care Facilities</i>	75.5	75.8	76.2	75.9	0.5%	0.5%	-4.6%
<i>Social Assistance</i>	75.4	75.3	73.6	74.0	-1.9%	-6.7%	6.7%
<b>Hampton Roads</b>							
Health Care & Social Assistance	92.2	92.6	91.8	90.8	-1.5%	-7.6%	-12.3%
<i>Hospitals</i>	22.5	22.4	22.4	22.4	-0.4%	0.0%	0.0%
<b>Northern Virginia</b>							
Health Care & Social Assistance	126.7	131.8	131.2	131.2	3.6%	-1.8%	0.0%
<i>Ambulatory Health Care Services</i>	60.3	63.8	63.8	63.4	5.1%	-2.5%	-7.3%
<i>Hospitals</i>	24.7	25.6	25.8	25.7	4.0%	1.6%	-4.6%

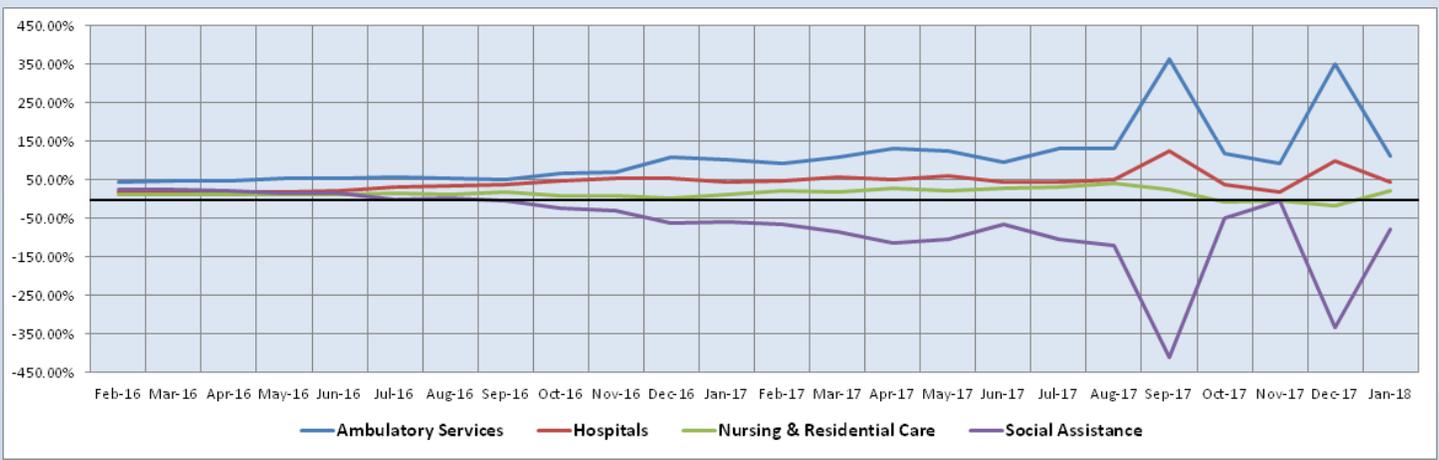
Preliminary estimates are italicized

Employment in Virginia’s Ambulatory Health Care Services subsector fell at a 13.8% annualized rate in January. Its three-month annualized employment growth rate of -5.3% is not much better. Regardless, this subsector continues to enjoy the strongest long-term employment growth rate among Virginia’s four HC&SA subsectors. Over the past 12 months, employment in this subsector has grown by 1.1%, which is nearly three times the statewide average. At the same time, Virginia’s Social Assistance subsector is showing signs of improvement. Although employment in this subsector has fallen by 1.9% over the past year, it grew at a 6.7% annualized rate in January.

### Share of 12-Month Growth by Subsector

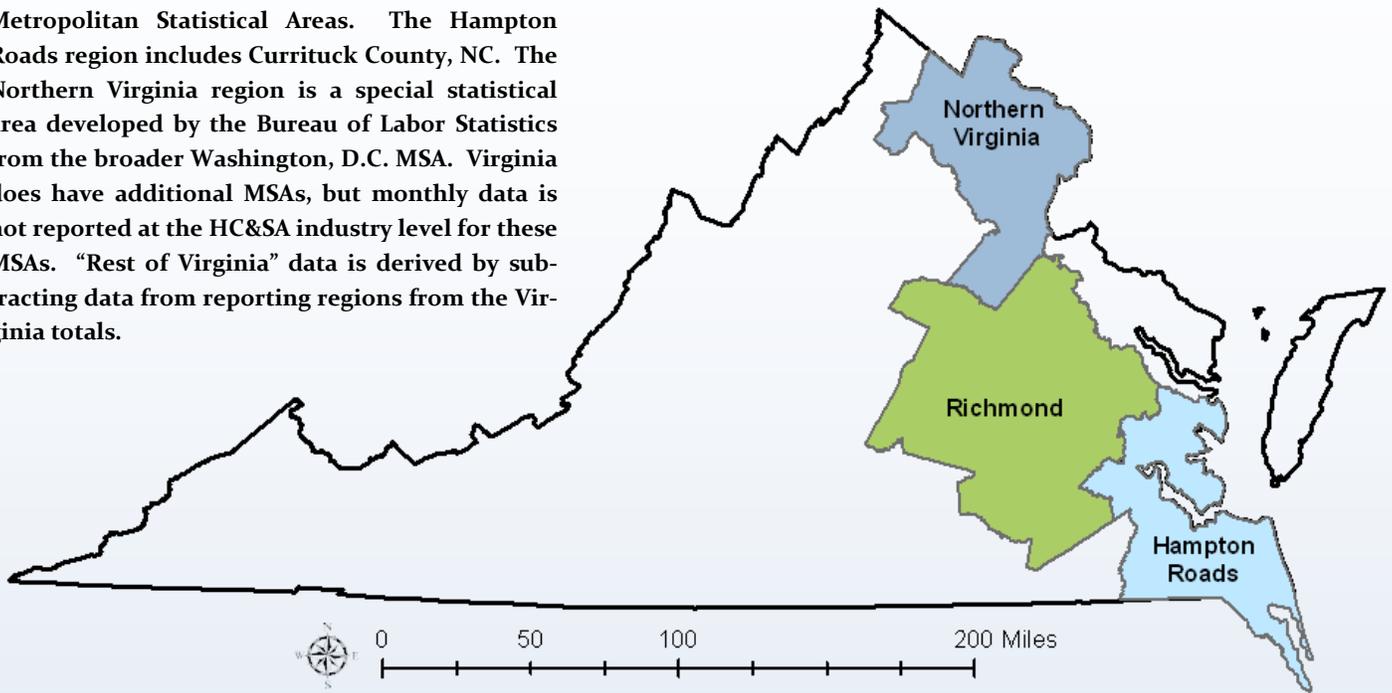
In a trend reminiscent of that which is currently taking place across Virginia’s regions, there has been increased volatility in the 12-month employment growth shares among Virginia’s four HC&SA subsectors over the past several months. This is also due to the relatively lackluster employment growth in Virginia’s HC&SA sector over the past year. Ambulatory Health Care Services continues to be responsible for most HC&SA employment growth in the state. In January, its 12-month growth share was at 111.1%. At the same time, the 12-month employment growth share of Virginia’s Hospitals fell from 100.00% to 44.44% in January, while that of Nursing & Residential Care Facilities rebounded from -16.67% to 22.22%.

**Figure 5: Share of Previous 12-Month Growth in Virginia’s HC&SA Subsectors (Not Seasonally Adjusted).**



### Region Map

HWDC *Briefing Series 2* uses Federally designated Metropolitan Statistical Areas. The Hampton Roads region includes Currituck County, NC. The Northern Virginia region is a special statistical area developed by the Bureau of Labor Statistics from the broader Washington, D.C. MSA. Virginia does have additional MSAs, but monthly data is not reported at the HC&SA industry level for these MSAs. “Rest of Virginia” data is derived by subtracting data from reporting regions from the Virginia totals.



### Region Detail

Northern Virginia		Richmond		Hampton Roads	
<i>Northern VA, (Non-standard CES Area 94783)</i>		<i>Richmond, VA (MSA 40060)</i>		<i>Virginia Beach-Norfolk-Newport News, VA-NC (MSA 47260)</i>	
Counties:	Cities	Counties:	Cities	Counties:	Cities
Arlington	Alexandria	Amelia	Colonial Heights	Gloucester	Chesapeake
Clarke	Fairfax	Caroline	Hopewell	Isle of Wight	Hampton
Fairfax	Falls Church	Charles City	Petersburg	James City	Newport News
Fauquier	Fredericksburg	Chesterfield	Richmond	Mathews	Norfolk
Loudoun	Manassas	Cumberland		Surry	Poquoson
Prince William	Manassas Park	Dinwiddie		York	Portsmouth
Spotsylvania		Goochland			Suffolk
Stafford		Hanover			Virginia Beach
Warren		Henrico		<i>Currituck, NC</i>	Williamsburg
		King & Queen			
		King William			
		Louisa			
		New Kent			
		Powhatan			
		Prince George			
		Sussex			

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### About the Data

Data in this report are from the US Department of Labor Bureau of Labor Statistics' Current Employment Statistics program. The CES program surveys about 143,000 businesses and government agencies monthly. Unless otherwise noted, this series uses data that are not seasonally adjusted. Seasonal variations related to weather, holidays, weekends, seasons and other predictable variations are apparent in the data. Short-term changes may be related to seasonal changes rather than underlying trends. Data from recent months is preliminary and subject to revision in future releases from the CES. Revisions will be reported in future editions of this series. Unless otherwise noted, the CES data presented in this series:

**Includes:**

- ◆ Data on employed individuals drawing a paycheck (payroll employees).
- ◆ All employees, regardless of role, occupation or hours worked.
- ◆ HC&SA employees in the private sector only.
- ◆ Persons employed by health professionals in private practice.
- ◆ Both government and private sector workers in nonfarm employment data.

**Does not include:**

- ◆ Self-employed workers or volunteers, including health professionals in private practice.
- ◆ HC&SA employees in the public sector. (These are counted as government workers in monthly reports).
- ◆ Information on hours worked or the quality of employment.
- ◆ Government workers in HC&SA level data. (Government workers, regardless of occupation and role, are classified as public sector employees).

The Department of Health Professions Healthcare Workforce Data Center works to improve the data collection and measurement of Virginia's healthcare workforce through regular assessment of workforce supply and demand issues among the 80 professions and 350,000 practitioners licensed in Virginia by DHP.

The HWDC collects data on Virginia's licensed health professionals through surveys completed during the online license renewal and application process. Survey results and data may be accessed on our website: [www.dhp.virginia.gov/hwdc/](http://www.dhp.virginia.gov/hwdc/).

The HWDC also provides a series of Virginia Healthcare Workforce Briefs based data collected by the US Department of Labor's Bureau of Labor Statistics and the US Department of Commerce' Bureau of Economic Analysis.

Virginia Healthcare Workforce Briefs:

Series 1: State & National Employment (Monthly)

Series 2: Virginia Regional Employment (Monthly)

Series 3: Income & Compensation (Quarterly)