



Virginia Healthcare Workforce Briefs

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

Series 2, Issue 90

September 2019

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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. Estimates for the most recent month are preliminary.
- ◆ Virginia's Health Care & Social Assistance (HC&SA) sector created 700 jobs in August, a gain that represents a one-month annualized employment growth rate of 1.9%. Over the past year, employment in this subsector has grown by 2.2%, which is more than double the comparable growth rate of the state's total nonfarm payroll.
- ◆ The Rest of Virginia enjoyed the strongest HC&SA employment growth in August with the creation of 2,100 new jobs. Richmond's HC&SA sector also experienced strong growth thanks to the addition of 600 jobs during the month. However, both Hampton Roads and Northern Virginia lost 1,000 HC&SA jobs each in August.
- ◆ Most of the HC&SA employment growth occurred in Virginia's Social Assistance subsector, which created 700 jobs in August. At the same time, Virginia's Hospitals added 200 jobs during the month. However, Ambulatory Health Care Services lost 200 jobs, while Nursing & Residential Care Facilities experienced no employment change.

Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	Aug. 2018	May 2019	July 2019	Aug. 2019	12 Month	3 Month	1 Month
Virginia							
Total Nonfarm	4,008.6	4,039.6	4,057.7	4,044.2	0.9%	0.5%	-3.9%
Health Care & Social Assistance	445.0	453.0	454.2	454.9	2.2%	1.7%	1.9%
Hampton Roads							
Total Nonfarm	798.0	797.8	806.6	800.6	0.3%	1.4%	-8.6%
Health Care & Social Assistance	96.0	95.8	94.8	93.8	-2.3%	-8.1%	-11.9%
Northern Virginia							
Total Nonfarm	1,490.9	1,510.0	1,507.3	1,503.5	0.8%	-1.7%	-3.0%
Health Care & Social Assistance	133.7	135.4	134.4	133.4	-0.2%	-5.8%	-8.6%
Richmond							
Total Nonfarm	682.8	684.5	691.1	687.2	0.6%	1.6%	-6.6%
Health Care & Social Assistance	86.2	86.9	89.1	89.7	4.1%	13.5%	8.4%
Rest of Virginia							
Total Nonfarm	1,036.9	1,047.3	1,052.7	1,052.9	1.5%	2.2%	0.2%
Health Care & Social Assistance	129.1	134.9	135.9	138.0	6.9%	9.5%	20.2%

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 U.S. 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

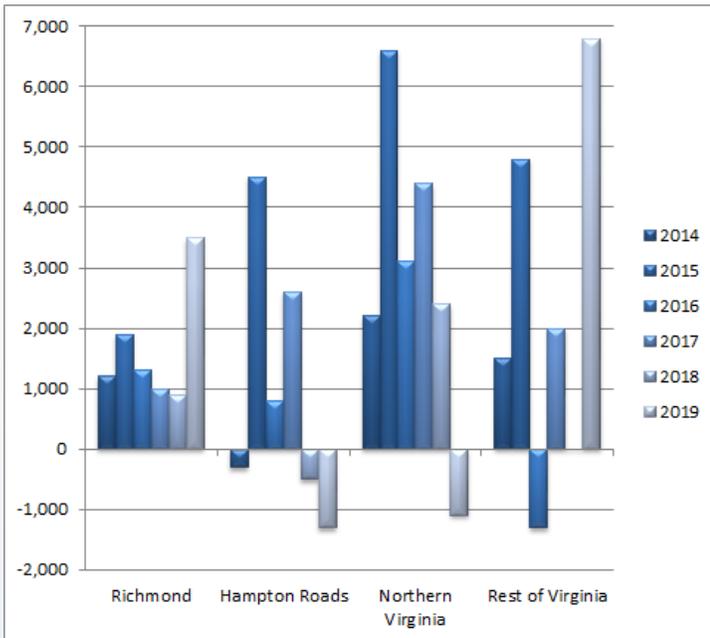


Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2014-2018, Jan.-Aug. for 2019).

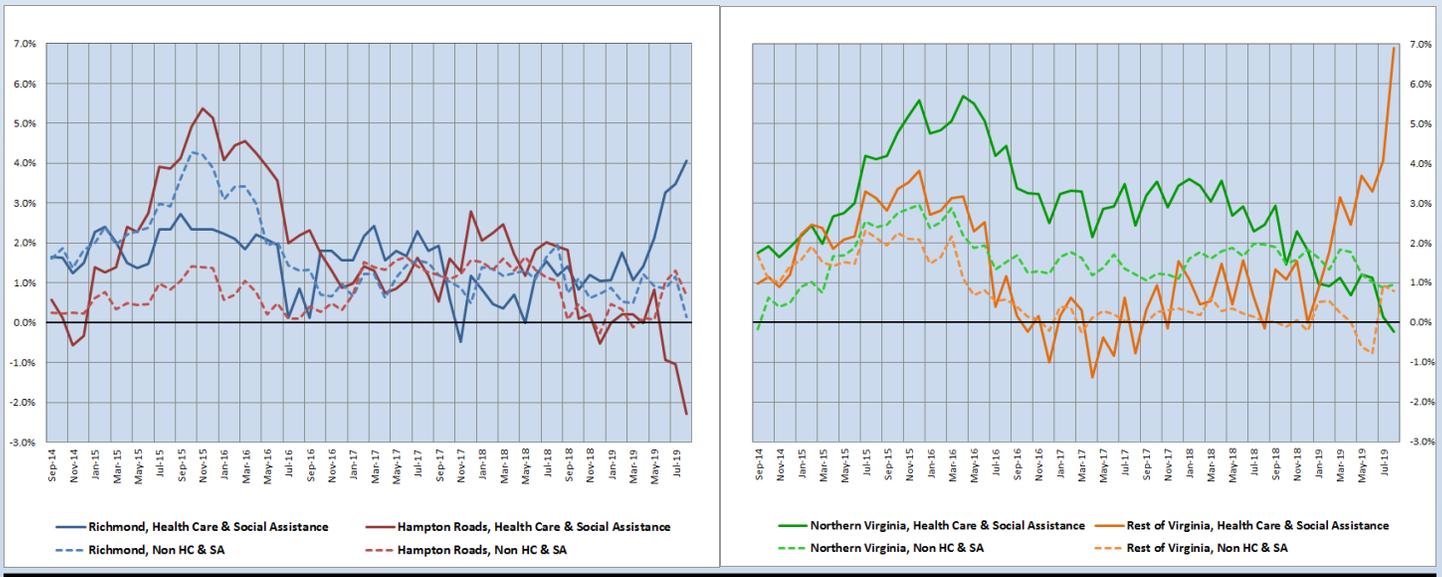
According to data released on Friday, September 20, 2019, by the U.S. Department of Labor, Bureau of Labor Statistics, Virginia’s Health Care & Social Assistance (HC&SA) sector rebounded from July’s small employment loss by creating 700 new jobs in August. This gain represents a one-month annualized employment growth rate of 1.9%. This is slightly below the long-term average for Virginia’s HC&SA sector. Over the past year, employment in this sector has grown by 2.2%.

Most of this employment growth occurred in the Rest of Virginia. This region created 2,100 new HC&SA jobs in August, a gain that translates into a 20.2% annualized employment growth rate. With this gain, the Rest of Virginia has increased employment in each of the past four months. During this period, the Rest of Virginia’s HC&SA sector has added 4,500 jobs to the state’s economy. Meanwhile, Richmond’s HC&SA sector created 600 new jobs in August. However, these gains were mitigated by the loss of 1,000 HC&SA jobs in both Hampton Roads and Northern Virginia.

Year-Over-Year Regional Employment Growth

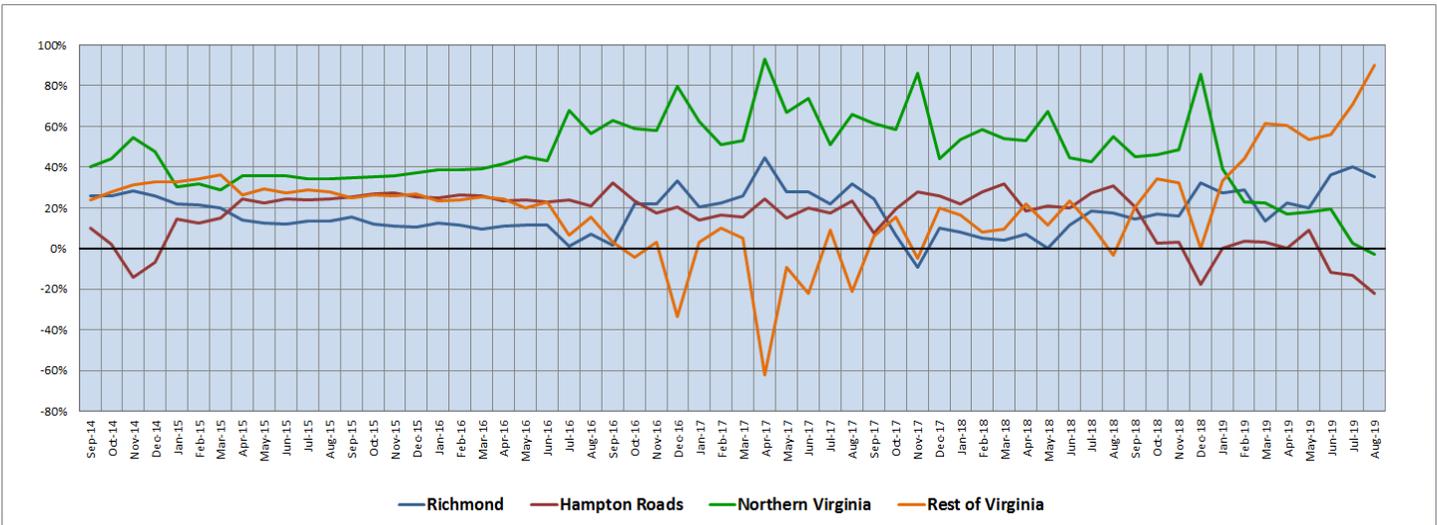
The Rest of Virginia experienced a strong spike in its year-over-year HC&SA employment growth rate in August from 4.06% to 6.89%. This represents a significant improvement relative to the beginning of the year when the Rest of Virginia’s HC&SA sector had a year-over-year employment growth rate of 0.84%. Meanwhile, Richmond’s HC&SA sector saw its year-over-year employment growth rate increase for the fifth consecutive month. With a current value of 4.06%, Richmond’s year-over-year HC&SA employment growth rate has reached its highest level since 2008. However, both Hampton Roads and Northern Virginia have negative year-over-year HC&SA employment growth rates of -2.29% and -0.22%, respectively.

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.



The Rest of Virginia’s 12-month HC&SA employment growth share reached its highest value so far this year in August, increasing from 70.67% to 89.90% during the month. No other region in the state experienced an increase in its 12-month HC&SA employment growth share in August. Despite creating 600 jobs in August, Richmond’s HC&SA sector saw its 12-month employment growth share fall from 40.00% to 35.35% during the month. As for Hampton Roads and Northern Virginia, both of these regions had negative 12-month HC&SA employment growth shares in August. Hampton Roads saw its 12-month HC&SA employment growth share decline from -13.33% to -22.22%. As for Northern Virginia, its 12-month HC&SA employment growth share fell from 2.67% to -3.03%.

Subsector Employment Growth

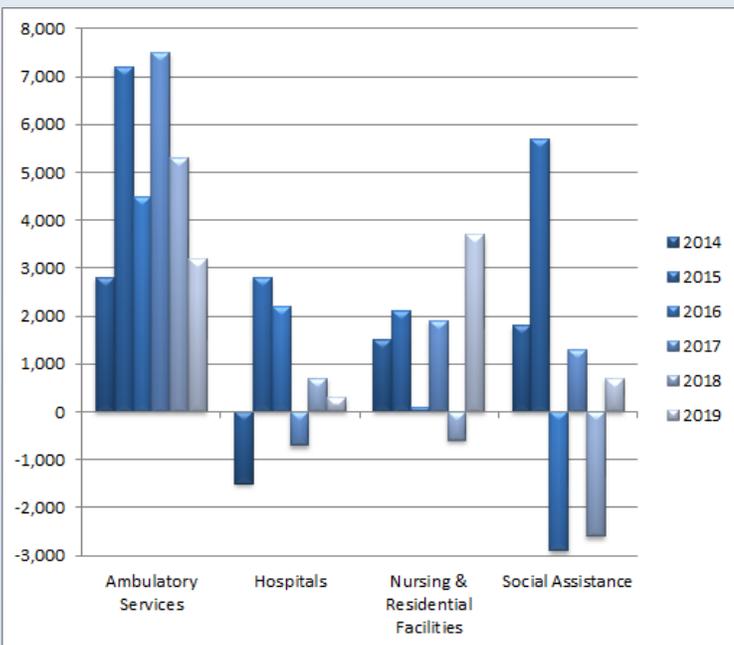


Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2014-2018, Jan.-Aug. for 2019).

After losing 800 jobs in July, Social Assistance nearly recovered all of these employment losses in August thanks to the creation of 700 new jobs during the month. With this gain, Social Assistance was responsible for most of the HC&SA employment growth in the state in August. Hospitals also increased HC&SA employment during the month with the addition of 200 new jobs. Virginia’s Hospitals have now created HC&SA jobs in each of the past three months. Since June, employment in Hospitals has increased by 800. Meanwhile, Ambulatory Health Care Services lost jobs for the second consecutive month as employment in this subsector fell by 200 in August. As for Nursing & Residential Care Facilities, this HC&SA subsector experienced no employment change during the month. Nursing & Residential Care Facilities and Ambulatory Health Care Services continue to be responsible for most year-to-date HC&SA employment growth in the state. So far this year, these two HC&SA subsectors have created 3,700 and 3,200 jobs, respectively.

Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	Aug. 2018	May 2019	July 2019	Aug. 2019	12 Month	3 Month	1 Month
Virginia							
Health Care & Social Assistance	445.0	453.0	454.2	454.9	2.2%	1.7%	1.9%
<i>Ambulatory Health Care Services</i>	187.6	192.0	192.4	192.2	2.5%	0.4%	-1.2%
<i>Hospitals</i>	106.1	105.9	106.5	106.7	0.6%	3.1%	2.3%
<i>Nursing & Residential Care Facilities</i>	78.1	79.1	81.3	81.3	4.1%	11.6%	0.0%
<i>Social Assistance</i>	73.2	76.0	74.0	74.7	2.0%	-6.7%	12.0%
Hampton Roads							
Health Care & Social Assistance	96.0	95.8	94.8	93.8	-2.3%	-8.1%	-11.9%
<i>Hospitals</i>	22.5	22.3	22.3	22.3	-0.9%	0.0%	0.0%
Northern Virginia							
Health Care & Social Assistance	133.7	135.4	134.4	133.4	-0.2%	-5.8%	-8.6%
<i>Ambulatory Health Care Services</i>	65.9	66.8	66.5	65.9	0.0%	-5.3%	-10.3%
<i>Hospitals</i>	25.5	25.7	25.7	25.8	1.2%	1.6%	4.8%

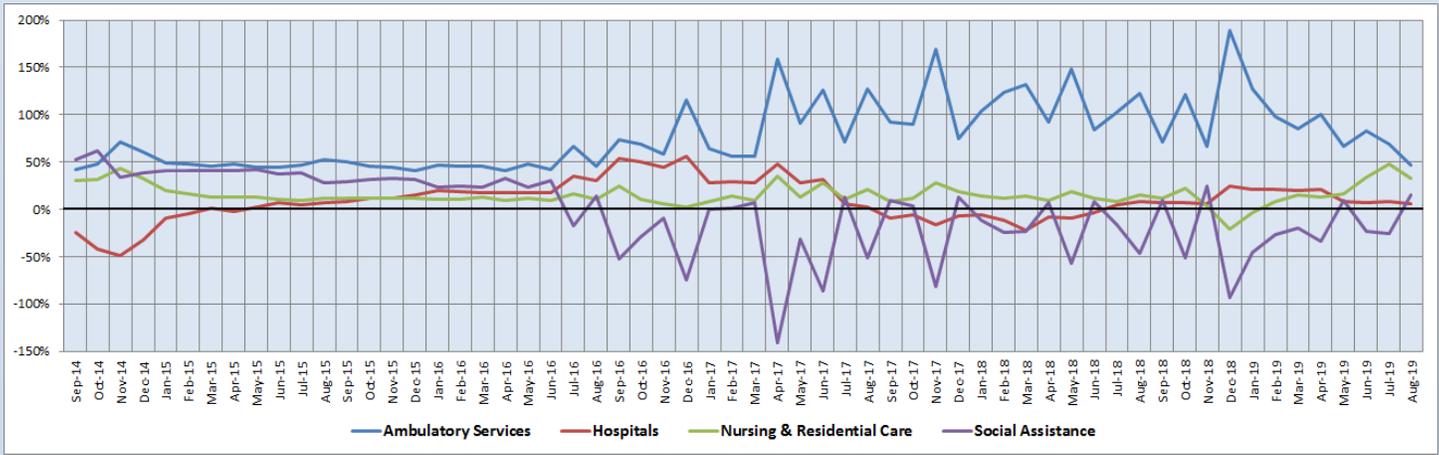
Preliminary estimates are italicized

Thanks to its strong employment gains in August, Social Assistance enjoyed an impressive one-month annualized employment growth rate of 12.0%. However, its 12-month employment growth rate of 2.0% is slightly below the statewide HC&SA average of 2.2%. Nursing & Residential Care Facilities continue to enjoy the strongest long-term employment growth in the state. Over the past 12 months, employment in this subsector has grown by 4.1%. Its three-month annualized employment growth rate is even more impressive at 11.6%. The Ambulatory Health Care Services subsector is also experiencing strong long-term job growth thanks to its above-average employment growth rate of 2.5% over the past 12 months.

Share of 12-Month Growth by Subsector

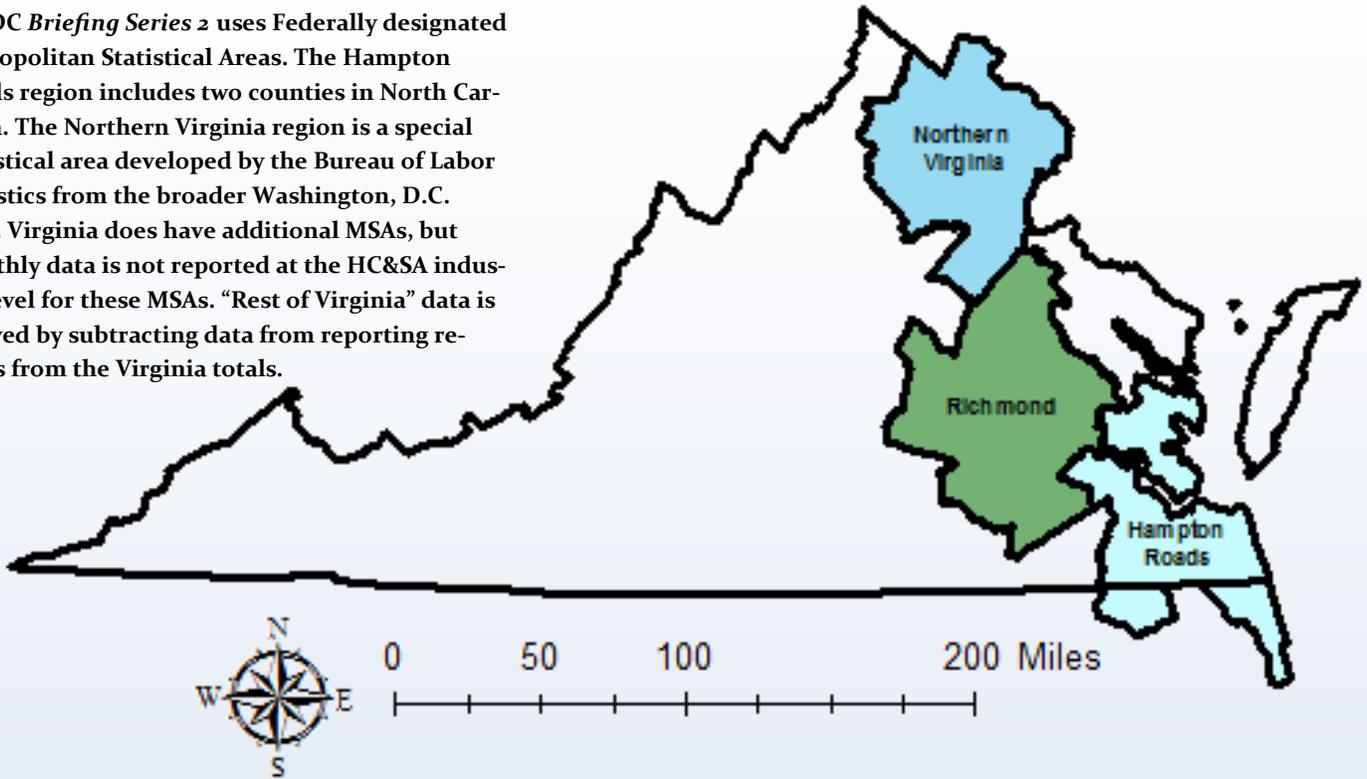
For most of 2019, Social Assistance has experienced a negative 12-month HC&SA employment growth share. However, this growth share rebounded strongly in August, increasing from -25.33% to 15.15%. At its current value, Social Assistance’s 12-month HC&SA employment growth share has reached its highest level in nine months. The 12-month HC&SA employment growth share of Ambulatory Health Care Services continues to decline, falling to a three-year low of 46.46% in August. At the same time, Nursing & Residential Care Facilities saw its 12-month HC&SA employment growth share fall from 48.00% to 32.32%, while the comparable growth share for Virginia’s Hospitals fell from 8.00% to 6.06%.

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 two counties in North Carolina. 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
Culpeper	Falls Church	Charles City	Petersburg	James City	Newport News
Fairfax	Fredericksburg	Chesterfield	Richmond	Mathews	Norfolk
Fauquier	Manassas	Dinwiddie		Surry	Poquoson
Loudoun	Manassas Park	Goochland		York	Portsmouth
Prince William		Hanover			Suffolk
Rappahannock		Henrico		<i>Currituck, NC</i>	Virginia Beach
Spotsylvania		King William		<i>Gates, NC</i>	Williamsburg
Stafford		New Kent			
Warren		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/.

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)