



Virginia Healthcare Workforce Briefs

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

Series 2, Issue 77

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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 enjoyed its fifth consecutive month of positive employment growth in July. However, July's employment growth was modest given that Virginia's HC&SA sector only created 100 new jobs during the month. This gain translates into a 0.3% annualized employment growth rate.
- ◆ The Rest of Virginia's HC&SA sector experienced very strong employment growth in July with the creation of 1,600 new jobs. Meanwhile, Northern Virginia added 200 new HC&SA jobs during the month. On the other hand, employment in Richmond's HC&SA sector fell by 900, while Hampton Roads lost 800 HC&SA jobs.
- ◆ Nursing & Residential Care Facilities created 1,300 HC&SA jobs in July. Virginia's Hospitals and Social Assistance subsectors also increased HC&SA employment during the month by 300 and 100, respectively. However, most of these gains were erased by the loss of 1,600 HC&SA jobs in Ambulatory Health Care Services.

Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	July 2017	Apr. 2018	June 2018	July 2018	12 Month	3 Month	1 Month
Virginia							
Total Nonfarm	3,958.3	3,992.8	4,049.6	4,034.7	1.9%	4.3%	-4.3%
Health Care & Social Assistance	435.5	437.2	438.7	438.8	0.8%	1.5%	0.3%
Hampton Roads							
Total Nonfarm	787.1	780.5	797.8	795.2	1.0%	7.7%	-3.8%
Health Care & Social Assistance	92.9	91.8	90.9	90.1	-3.0%	-7.2%	-10.1%
Northern Virginia							
Total Nonfarm	1,465.1	1,475.5	1,505.0	1,493.3	1.9%	4.9%	-8.9%
Health Care & Social Assistance	130.2	131.9	134.3	134.5	3.3%	8.1%	1.8%
Richmond							
Total Nonfarm	673.0	676.8	683.1	683.7	1.6%	4.1%	1.1%
Health Care & Social Assistance	84.0	82.7	84.5	83.6	-0.5%	4.4%	-12.1%
Rest of Virginia							
Total Nonfarm	1,033.1	1,060.0	1,063.7	1,062.5	2.8%	0.9%	-1.3%
Health Care & Social Assistance	128.4	130.8	129.0	130.6	1.7%	-0.6%	15.9%

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

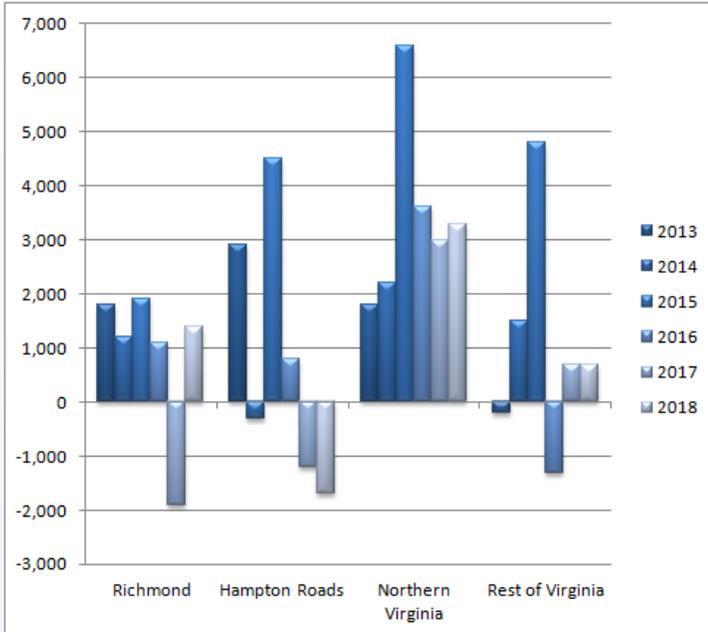


Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan.-July for 2018).

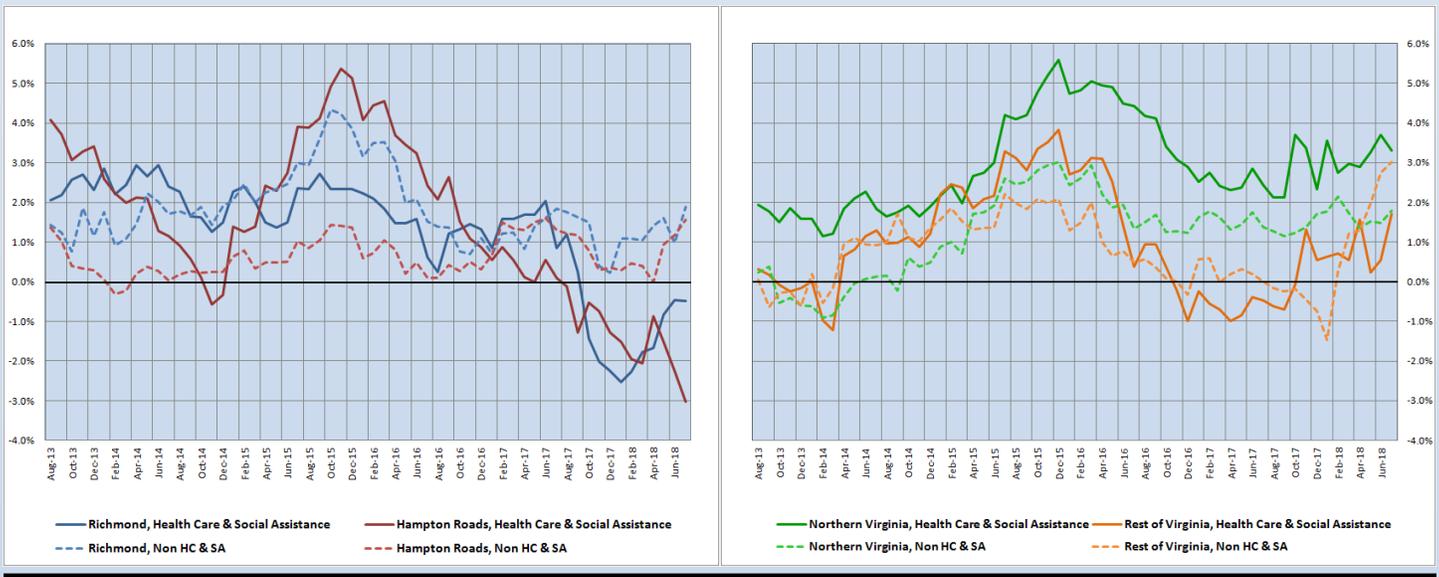
According to data released on Friday, August 17, 2018, by the U.S. Department of Labor, Bureau of Labor Statistics, Virginia’s Health Care & Social Assistance (HC&SA) sector increased employment yet again in July. Even though July’s employment growth was small with the creation of just 100 new jobs, it still represents the fifth consecutive month in which Virginia’s HC&SA sector has increased employment. During these five months of positive employment growth, Virginia’s HC&SA sector has added 6,400 jobs to the state’s economy.

July’s HC&SA employment growth was concentrated mainly in the Rest of Virginia. After losing 1,800 jobs over the previous two months, the Rest of Virginia’s HC&SA sector rebounded strongly in July with the creation of 1,600 new jobs. Northern Virginia also increased HC&SA employment in July with the addition of 200 new jobs during the month. However, these gains were largely mitigated by losses in Richmond and Hampton Roads. Richmond’s HC&SA sector lost 900 jobs, while Hampton Roads lost 800 HC&SA jobs.

Year-Over-Year Regional Employment Growth

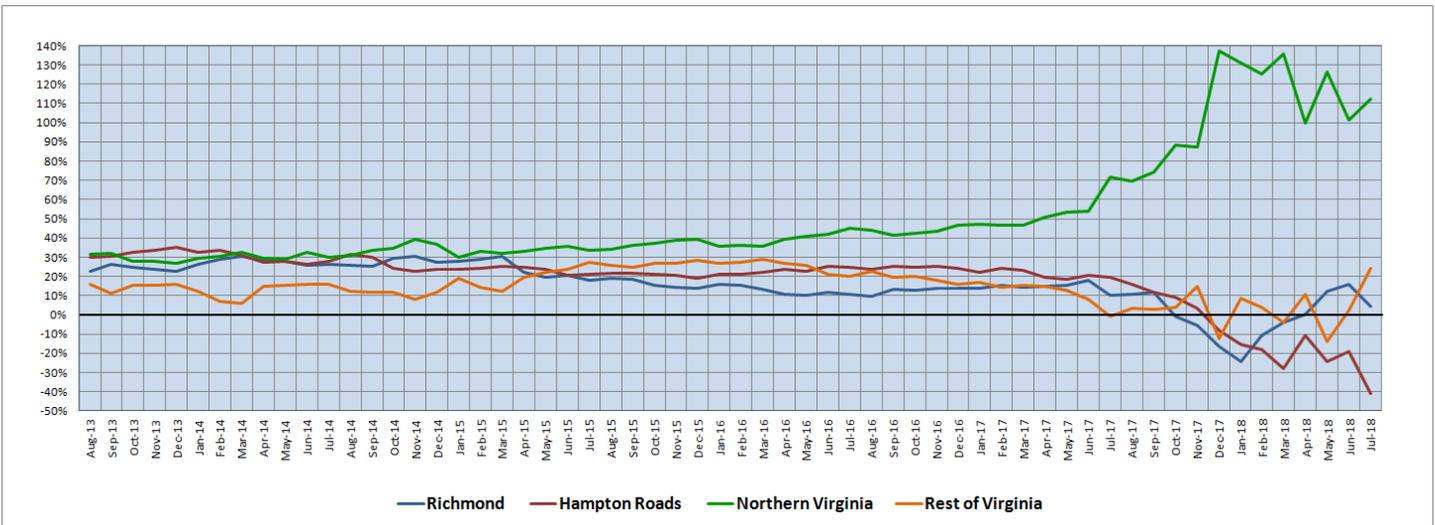
The Rest of Virginia saw its year-over-year HC&SA employment growth rate more than triple in July from 0.55% to 1.71%. With this increase, the Rest of Virginia’s year-over-year HC&SA employment growth rate reached its highest value in more than two years. As for Northern Virginia, its year-over-year HC&SA employment growth rate fell from 3.71% to 3.30% in July despite the fact that 200 jobs were created in this region during the month. Meanwhile, Hampton Roads experienced another decline in its year-over-year HC&SA employment growth rate from -2.26% to -3.01%. Finally, Richmond’s HC&SA sector saw a small decline in its own year-over-year employment growth rate from -0.47% to -0.48% in July.

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



Regional Share of 24-month Growth

Figure 3: Regional Share of Previous 24-Month Employment Growth in Virginia’s HC&SA Sector, Not Seasonally Adjusted.



In addition to a large increase in its year-over-year employment growth rate, the Rest of Virginia’s HC&SA sector also experienced a dramatic increase in its 24-month employment growth share in July from 2.41% to 24.24%. Northern Virginia also saw a small increase in its 24-month HC&SA employment growth share during the month from 101.20% to 112.12%. Meanwhile, the 24-month HC&SA employment growth share in Hampton Roads continued its downward trend. In July, this growth share fell from -19.28% to -40.91%. As for Richmond, its 24-month HC&SA employment growth share fell for the first time since January. After losing 900 jobs in July, Richmond saw its 24-month HC&SA employment growth share decline from 15.66% to 4.55%.

Subsector Employment Growth

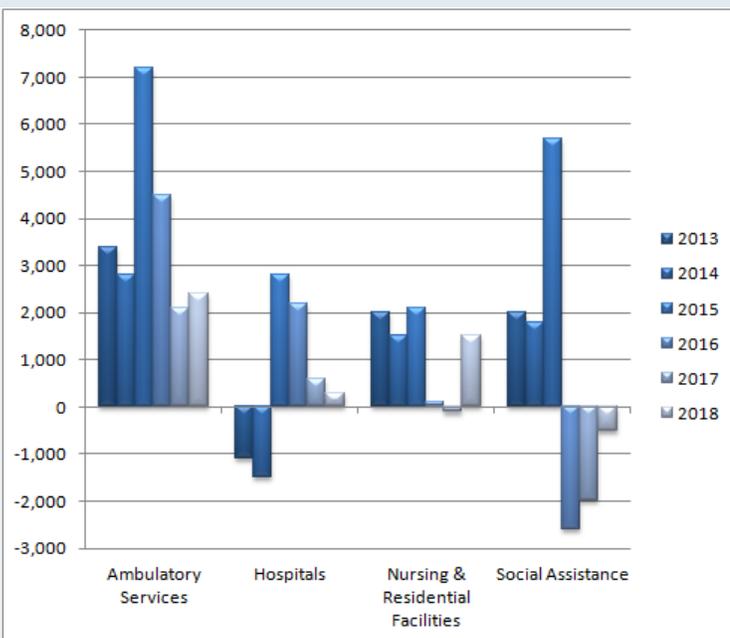


Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2013-2017, Jan.-July for 2018).

Three of Virginia’s four HC&SA subsectors enjoyed positive employment growth in July. However, most of this growth was concentrated in Nursing & Residential Care Facilities. In July, this subsector created 1,300 new jobs across the state. This increase represents nearly all of the year-to-date employment gains in this subsector. So far this year, Nursing & Residential Care Facilities has increased employment by 1,500.

Hospitals and Social Assistance also made positive contributions to HC&SA employment growth during the month. After creating 400 jobs in June, Virginia’s Hospitals added another 300 jobs in July. As for Social Assistance, this subsector enjoyed a modest employment gain of 100 jobs. Regardless, employment in the Social Assistance subsector has still declined by 500 so far in 2018.

Meanwhile, most of these gains were erased by the loss of 1,600 jobs in Ambulatory Health Care Services. This result represents the first time since February in which employment in Ambulatory Health Care Services has declined.

Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	July 2017	Apr. 2018	June 2018	July 2018	12 Month	3 Month	1 Month
Virginia							
Health Care & Social Assistance	435.5	437.2	438.7	438.8	0.8%	1.5%	0.3%
<i>Ambulatory Health Care Services</i>	178.2	178.1	182.3	180.7	1.4%	6.0%	-10.0%
<i>Hospitals</i>	106.6	106.7	107.0	107.3	0.7%	2.3%	3.4%
<i>Nursing & Residential Care Facilities</i>	77.2	76.7	76.4	77.7	0.6%	5.3%	22.4%
<i>Social Assistance</i>	73.5	75.7	73.0	73.1	-0.5%	-13.0%	1.7%
Hampton Roads							
Health Care & Social Assistance	92.9	91.8	90.9	90.1	-3.0%	-7.2%	-10.1%
<i>Hospitals</i>	22.4	22.5	22.4	22.5	0.4%	0.0%	5.5%
Northern Virginia							
Health Care & Social Assistance	130.2	131.9	134.3	134.5	3.3%	8.1%	1.8%
<i>Ambulatory Health Care Services</i>	62.3	64.3	66.2	65.7	5.5%	9.0%	-8.7%
<i>Hospitals</i>	25.4	25.8	25.9	25.9	2.0%	1.6%	0.0%

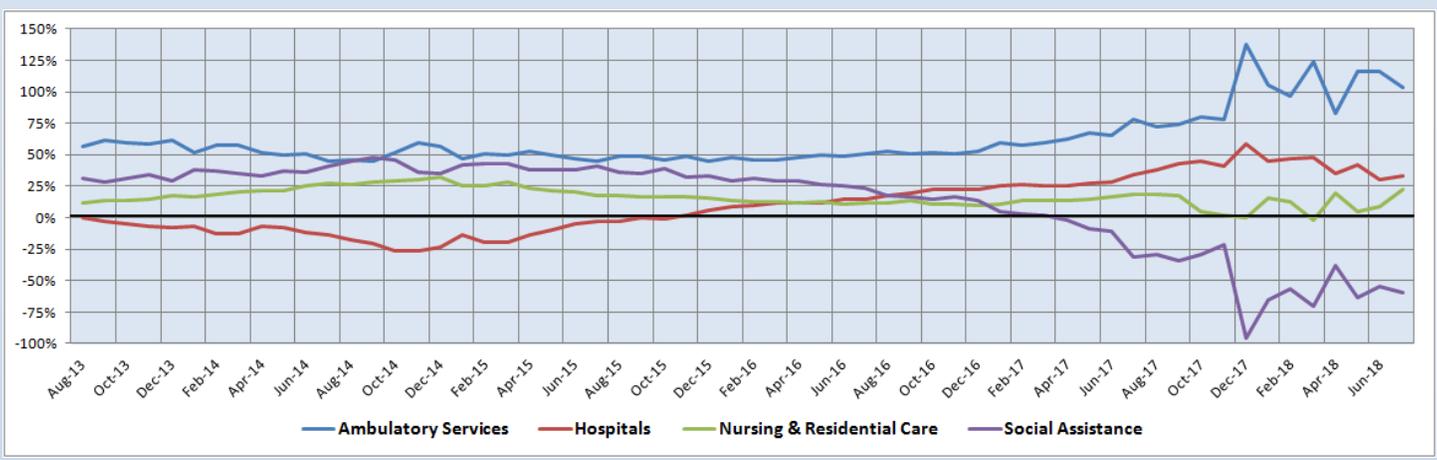
Preliminary estimates are italicized

Although long-term employment growth in Nursing & Residential Care Facilities has been below the statewide HC&SA average, its short-term growth is considerably more impressive. In July, employment in this subsector grew at a 22.4% annualized rate. Furthermore, its three-month annualized employment growth rate is 5.3%, which is more than three times the comparable statewide average of 1.5%. Virginia's Hospitals enjoyed strong growth as well in July thanks to its 3.4% annualized employment growth rate during the month. In addition, its current three-month annualized employment growth rate of 2.3% is also above the statewide average.

Share of 24-Month Growth by Subsector

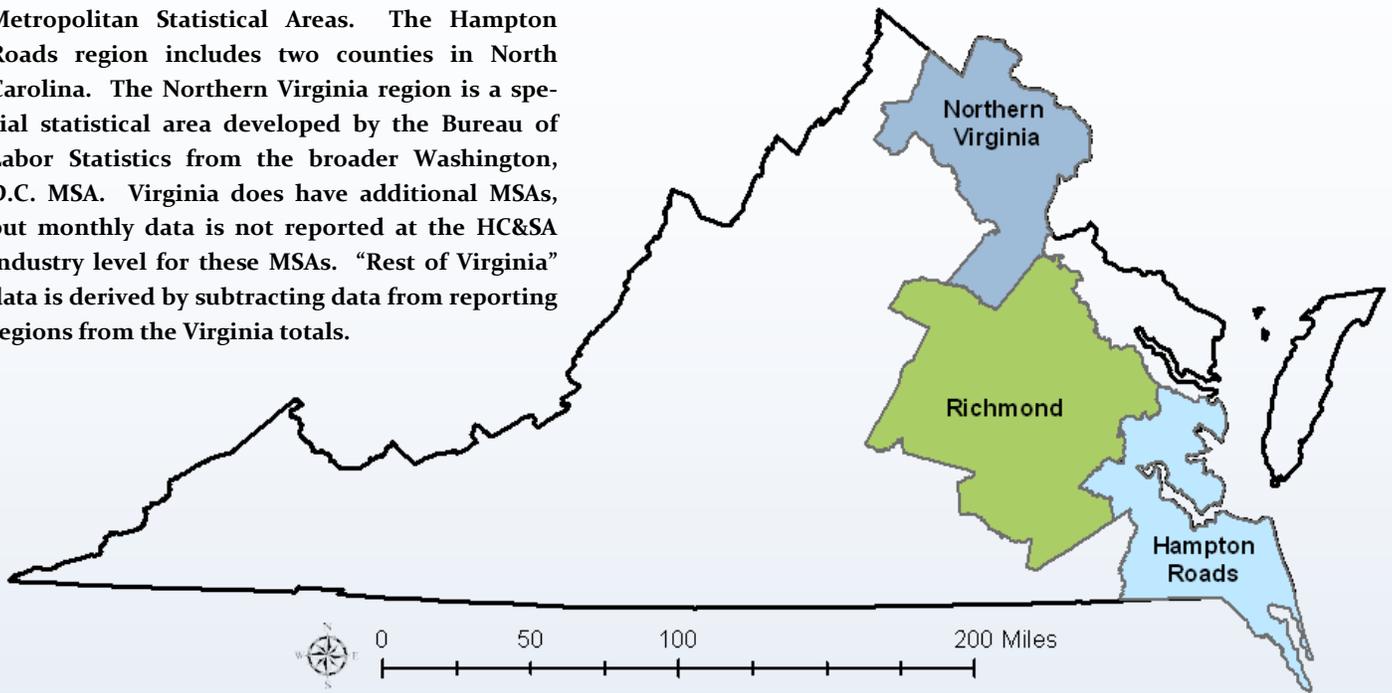
Given its significant employment losses in July, Ambulatory Health Care Services saw its 24-month HC&SA employment growth share fall from 115.66% to 103.03%. Regardless, Ambulatory Health Care Services remains by far the largest contributor to long-term HC&SA employment growth in the state. As for Nursing & Residential Care Facilities, its 24-month HC&SA employment growth share increased significantly in July from 8.43% to 22.73%, thereby reaching its highest value in more than three years. Virginia's Hospitals experienced a small increase in its 24-month HC&SA employment growth share from 30.12% to 33.33%, while the comparable growth share for Social Assistance fell from -54.22% to -59.09%.

Figure 5: Share of Previous 24-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)