



3rd Annual Stephen S. Fuller Institute Economic Forum

The Washington Region's Economy in 2019 and Beyond

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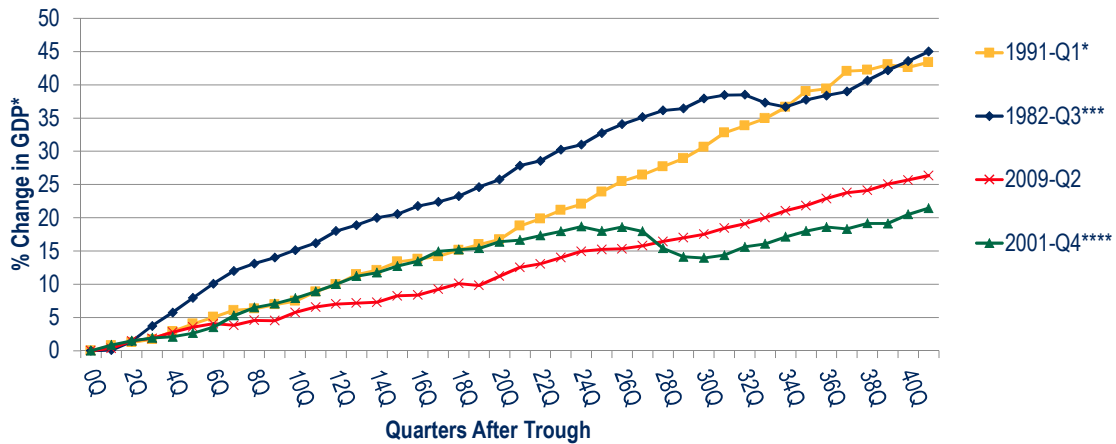


December 10, 2019

The Current Performance of the U.S. Economy



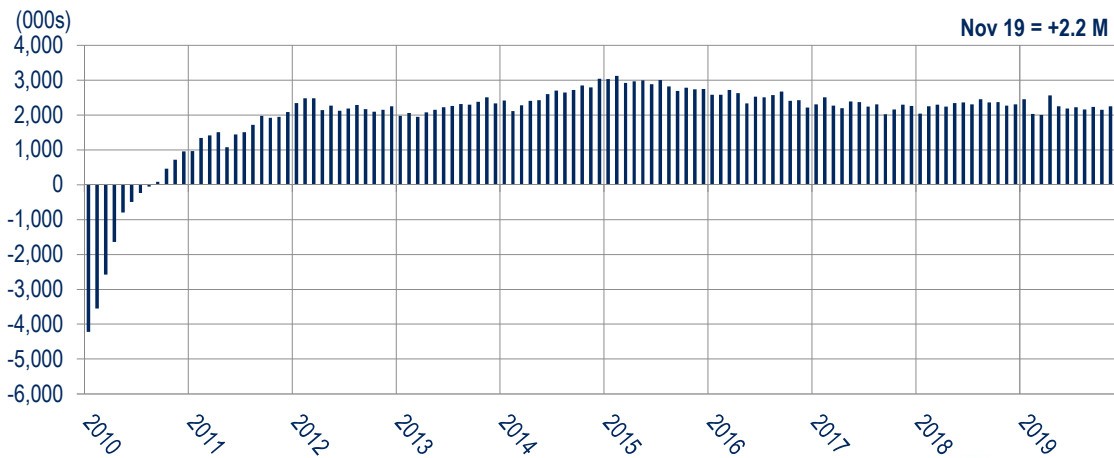
Recession Recovery Patterns of GDP Past Four Recessions*



*in 1992 or 2009 Chained Dollars; *Quarters 40+ include the 2001 Recession ***Quarters 32+ include the 1991 Recession; ****Quarters 25+ include the 2009 Recession
Sources: Bureau of Economic Analysis, The Stephen S. Fuller Institute at the Schar School, GMU

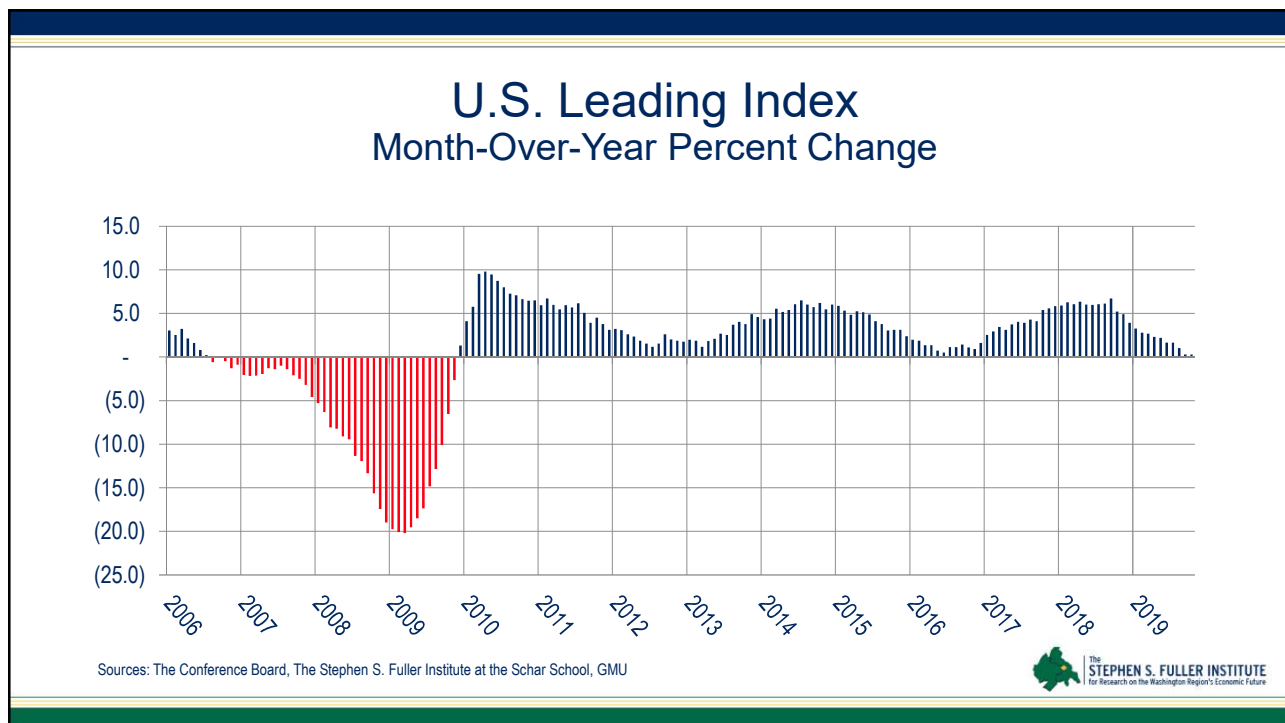
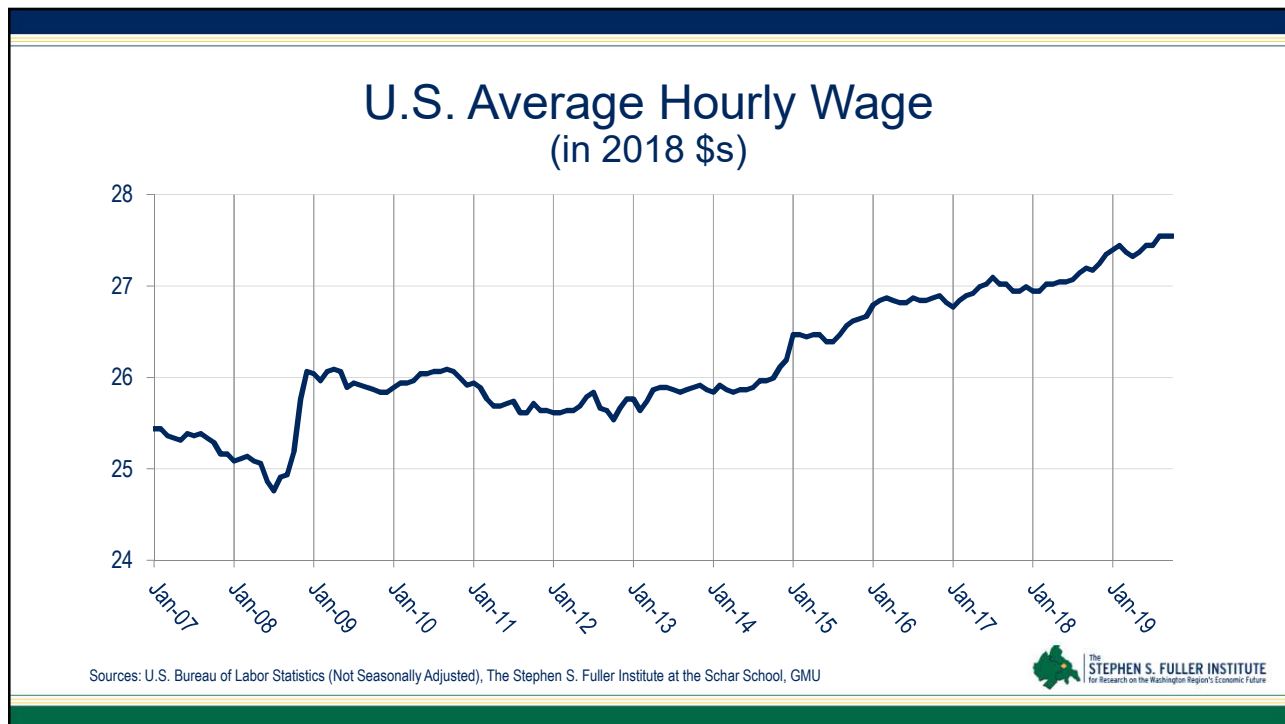


U.S. Annual Change in Payroll Jobs Month-Over-The-Year*



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
*Reflects the preliminary revisions for March 2018 through March 2019; Includes temporary Census hires

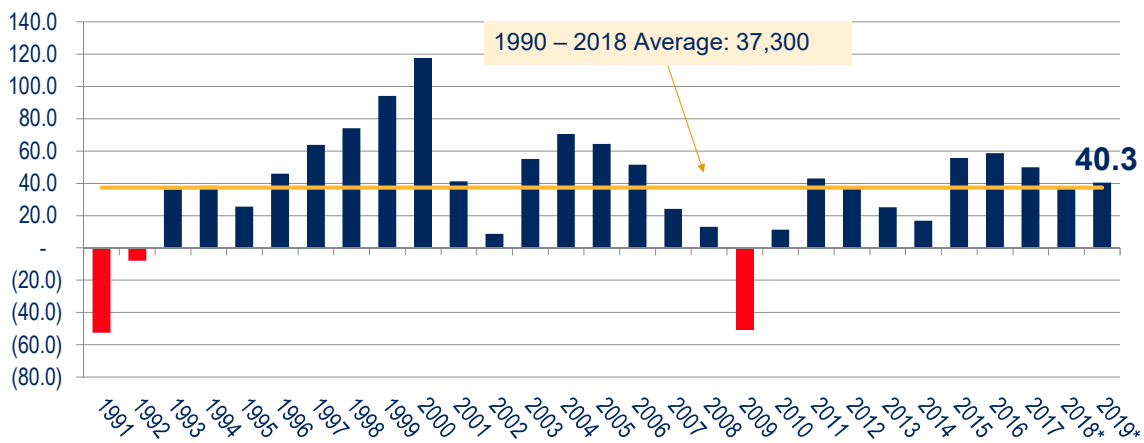




The Current and Near-Term Performance of the Washington Region's Economy



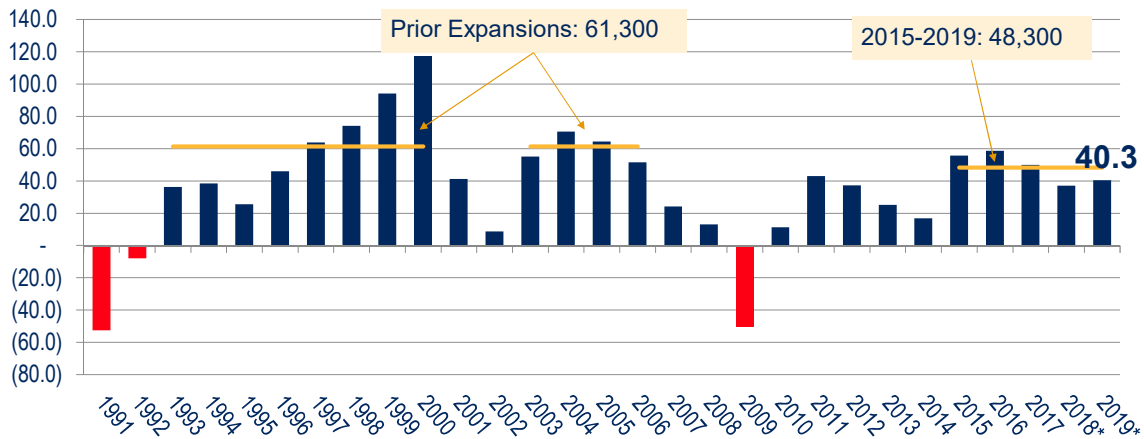
Job Change in the Washington Region 1991 – 2019* (000s)



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *2018 and 2019 include projected revisions to the preliminary data and do not align with the estimates published by BLS.



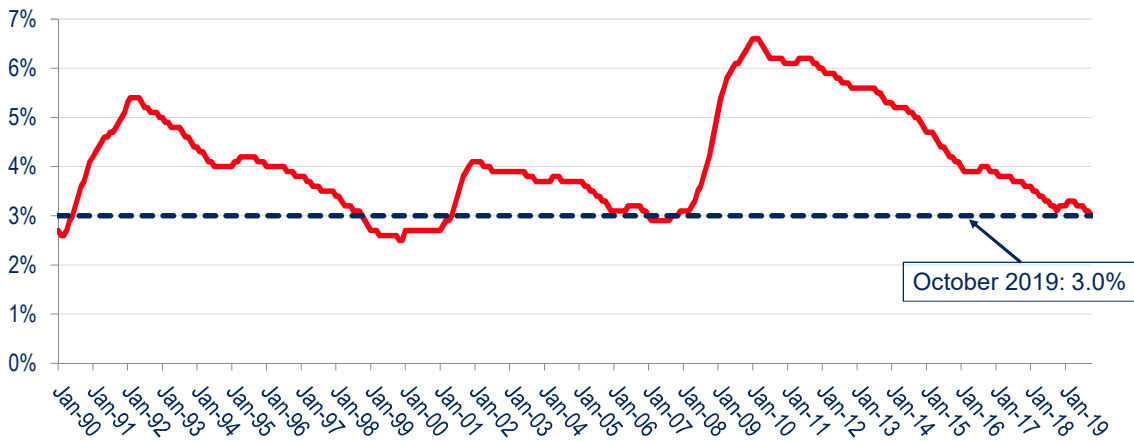
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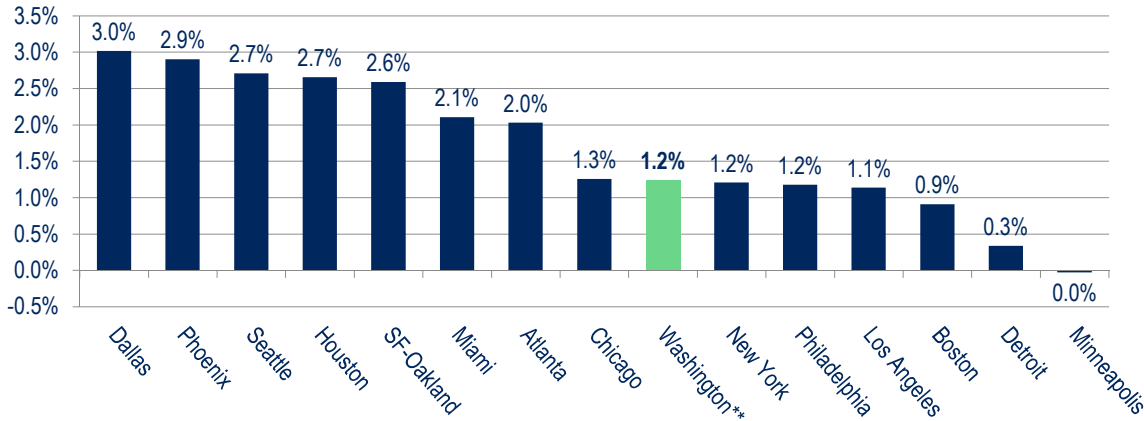
Unemployment Rate, Washington Region Jan 1990 – Oct 2019



Sources: U.S. Bureau of Labor Statistics (Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU



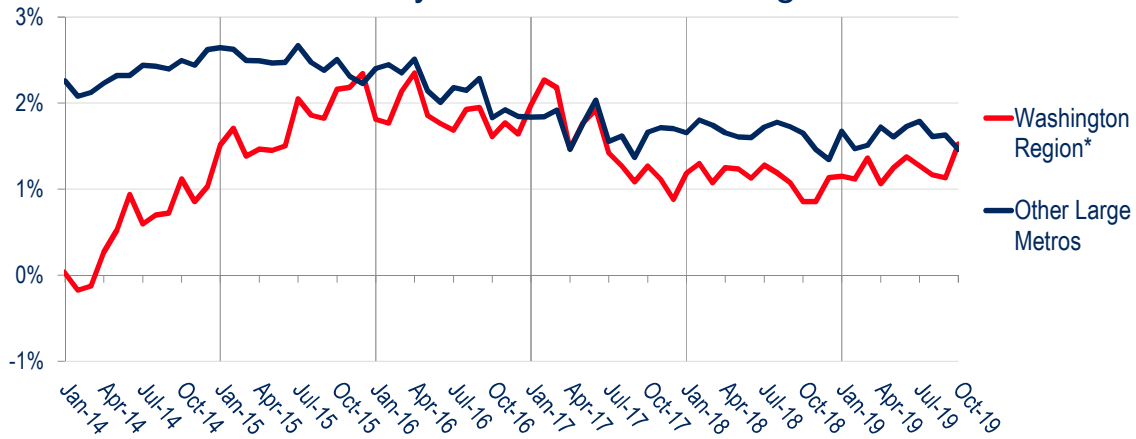
15 Largest U.S. Job Markets 2019* Job Change



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
*Through October **Includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



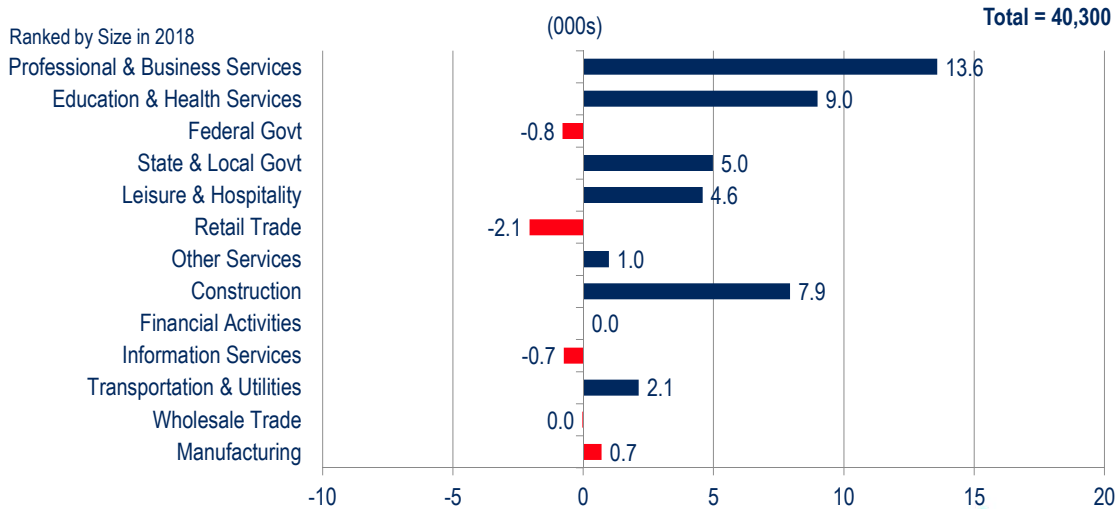
Change in Jobs Washington Region & Largest 15 Metros Monthly Over-the-Year Change



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
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Washington Region Job Change by Sector, 2019*

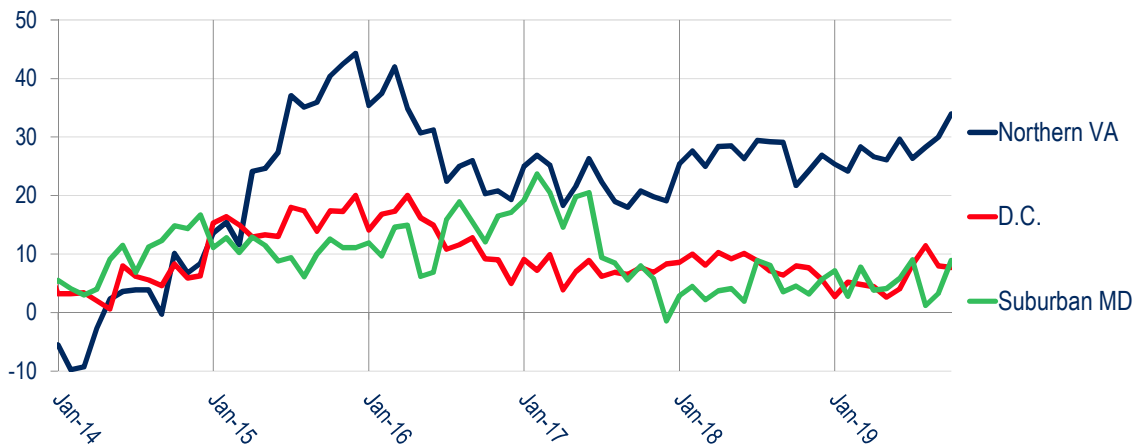


Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *Through October; includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



Change in Jobs By Sub-State Area, 2014-2019*

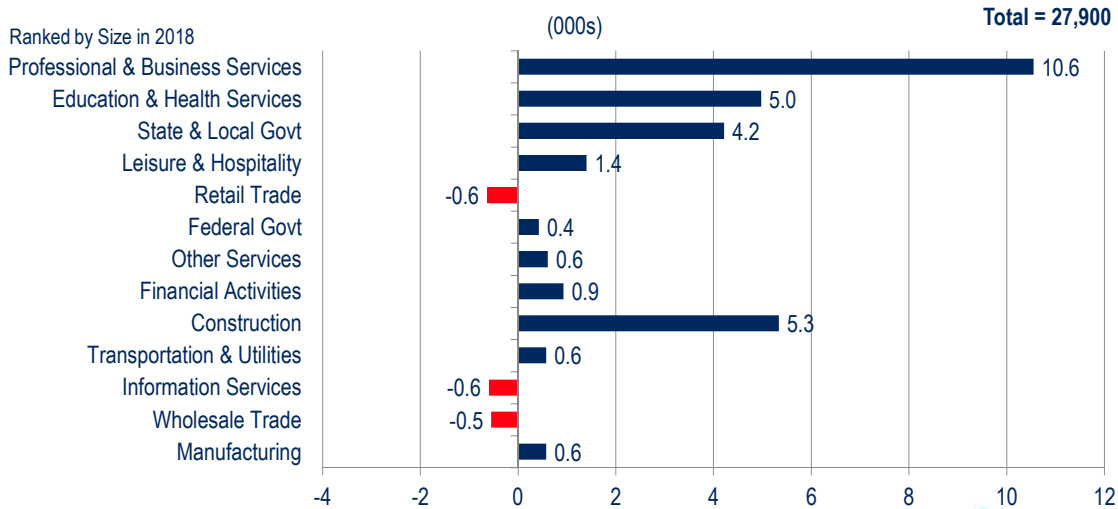
Monthly Over-the-Year Change (in 000s)



Sources: U.S. Bureau of Labor Statistics, The Stephen S. Fuller Institute at the Schar School, GMU
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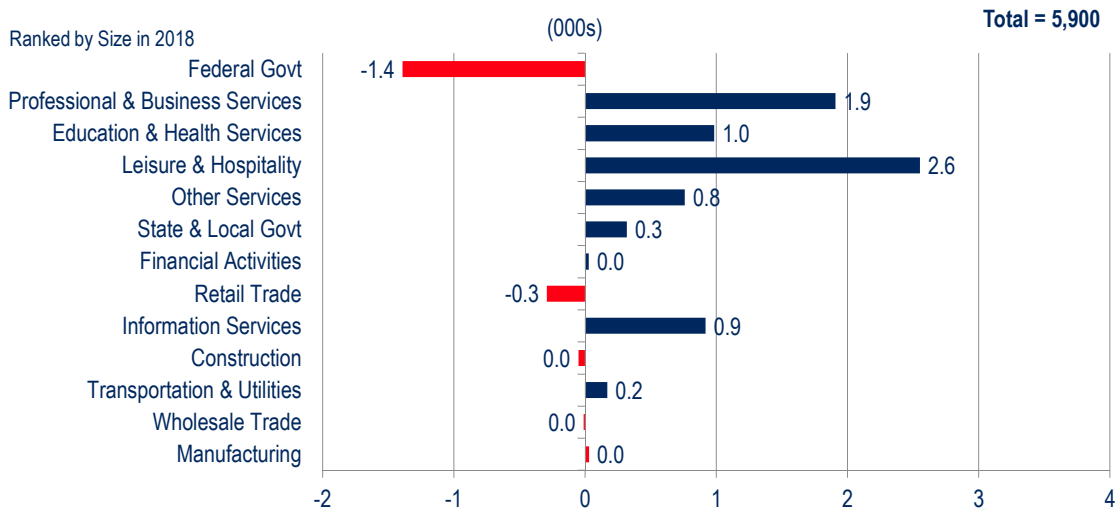
Northern Virginia Job Change by Sector, 2019*



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *Through October; includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



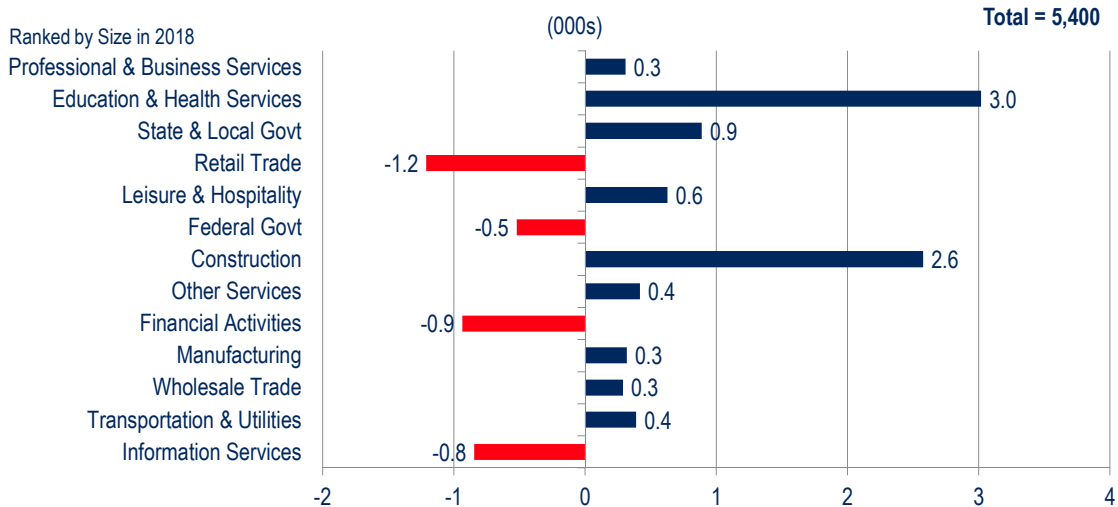
D.C. Job Change by Sector, 2019*



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *Through October; includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



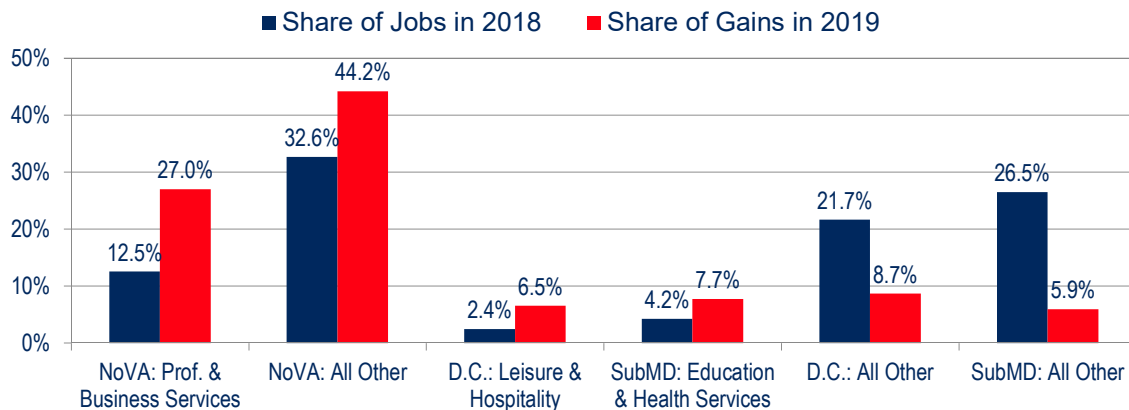
Suburban Maryland Job Change by Sector, 2019*



Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *Through October; includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



Distribution of Job Growth in the Washington Region, 2019*



Out-Performing

Sources: U.S. Bureau of Labor Statistics (Not Seasonally Adjusted), The Stephen S. Fuller Institute at the Schar School, GMU
 *Through October; includes projected revisions to the preliminary data and do not align with the estimates published by BLS.



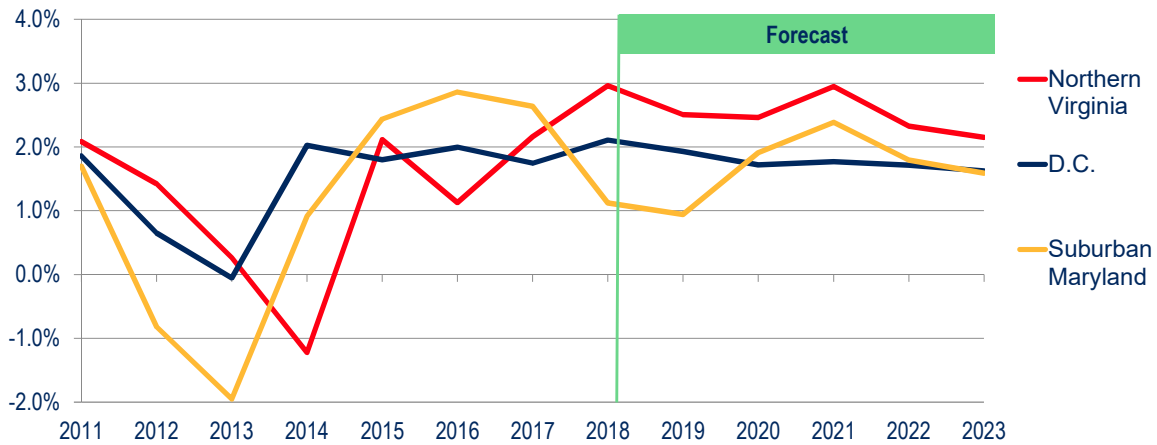
Employment Change by Sub-State Area (000s)

	2016	2017	2018*	2019*	2020	2021	2022	2023
D.C.	13.1	7.4	8.3	5.9	8.9	4.9	4.2	3.6
Sub. MD	13.4	12.9	4.4	5.4	9.2	7.2	5.2	1.3
No. VA	28.8	21.9	26.8	27.9	22.6	23.6	17.8	12.9
Residual**	3.3	7.6	(2.6)	1.1	0.2	0.1	0.2	0.1
REGION	58.6	49.8	36.9	40.3	40.9	35.8	27.4	17.9

Source: BLS, IHS Economics, The Stephen S. Fuller Institute at the Schar School, GMU (forecast as of December 2019)
 *2018 and 2019 include projected revisions to the preliminary data and do not align with the estimates published by BLS.
 **Residual includes Jefferson, WV and jobs that cannot be attributed to a sub-state area.



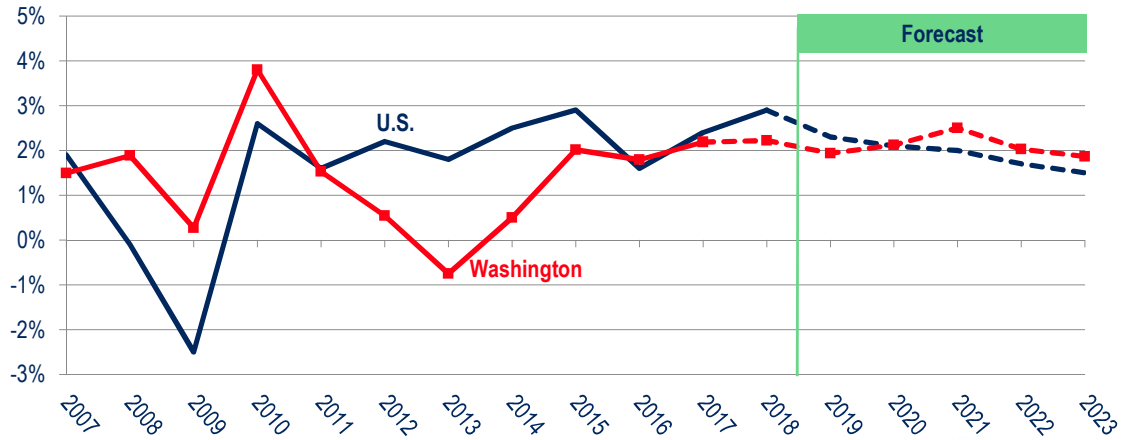
Washington Region GRP by Sub-State Area 2011 – 2018 - 2023 (Annual % Change)



Sources: IHS Markit (November 2019); The Stephen S. Fuller Institute at the Schar School, GMU (forecast as of December 2019)



U.S. GDP and Washington Region GRP 2007 – 2018 – 2023 (Annual % Change)



Sources: IHS Markit (December 2019); The Stephen S. Fuller Institute at the Schar School, GMU (forecast as of December 2019)



The Changing Structure of the Washington Region's Economy

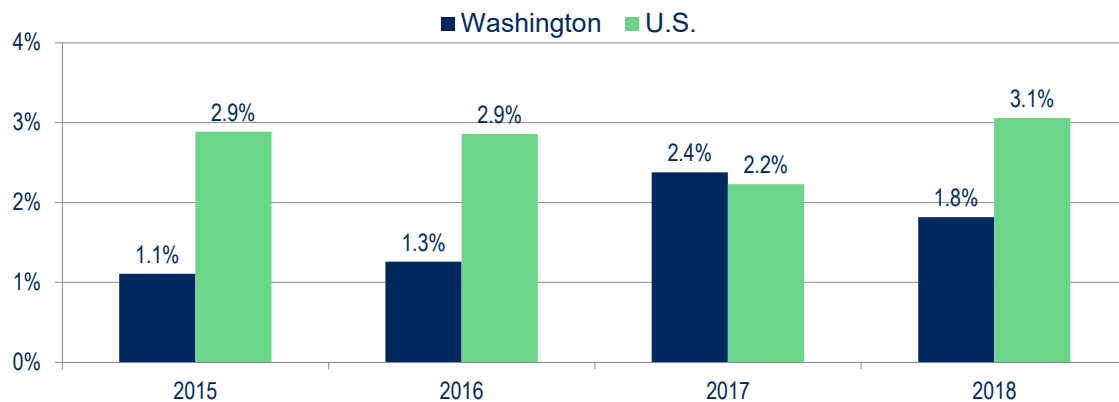


First Key Question

Can the Washington region achieve a competitive economy building on its federal government base with an expanding core of high-value added, fast growing, export based, non-federally dependent business activities or will its future growth trajectory always be defined by its federal government base?



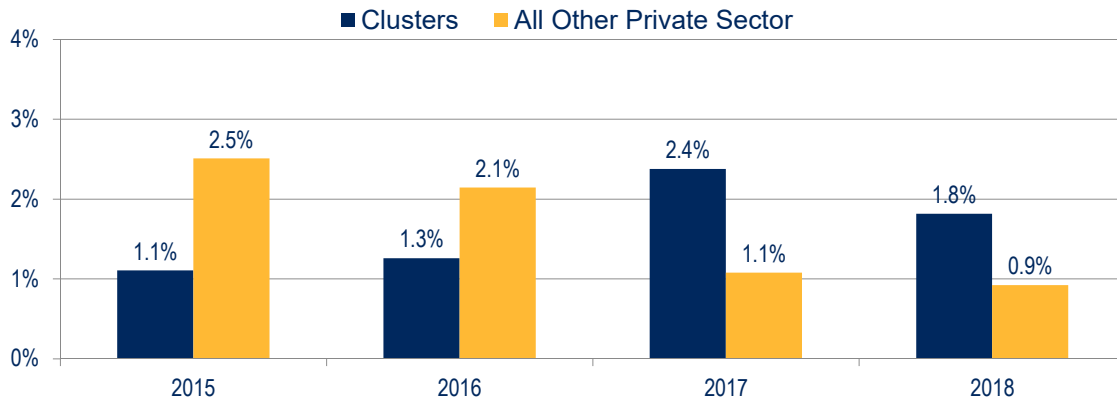
Growth Rates of the Washington Region's Advanced Industrial Clusters



Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU



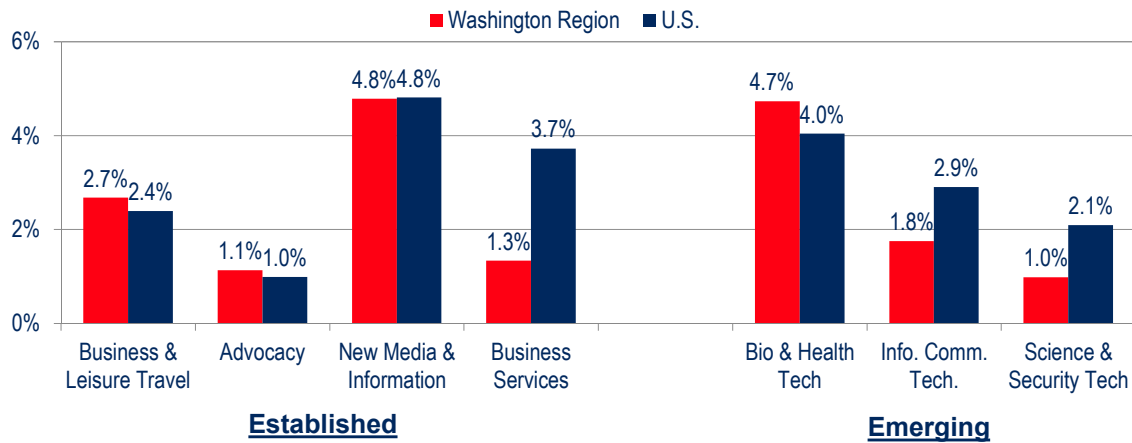
Growth Rates of the Washington Region's Advanced Industrial Clusters & Private Sector



Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU



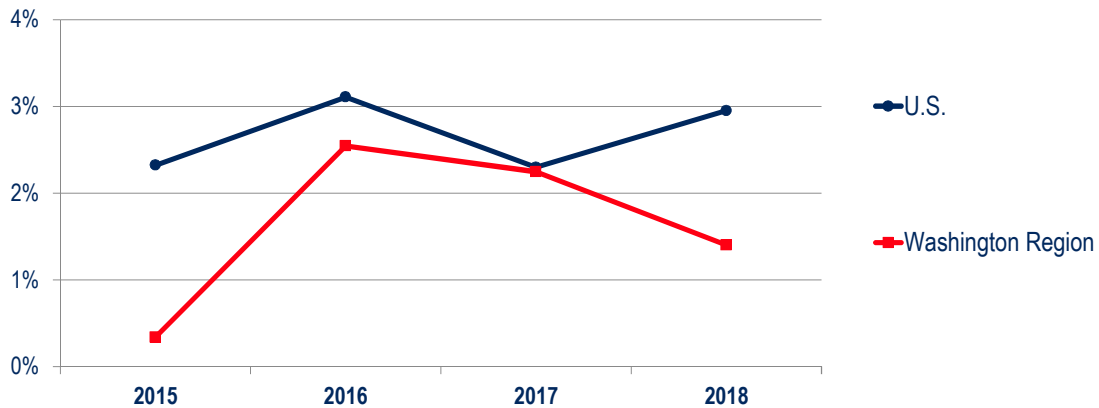
Growth in the Washington Region's Advanced Industrial Clusters, 2014-2018 Annualized Growth



Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU



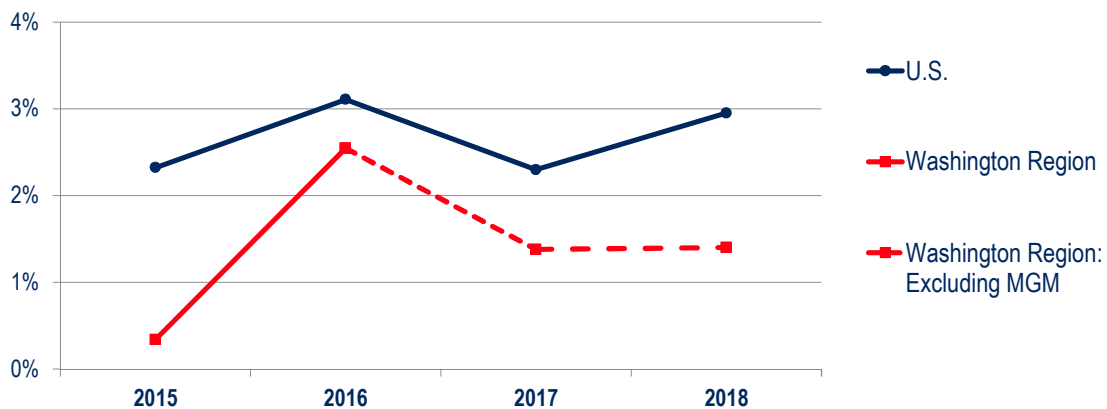
The Washington Region's Established Clusters: Influence, Management Services & Travel



Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU

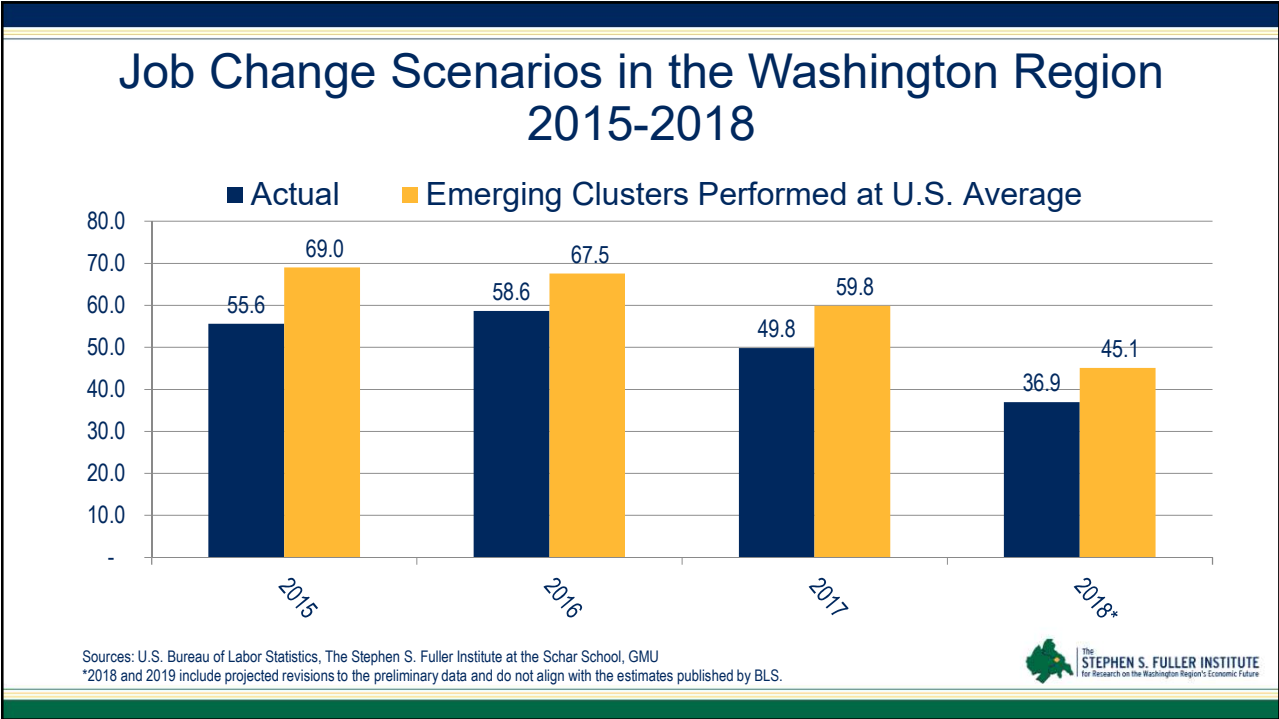
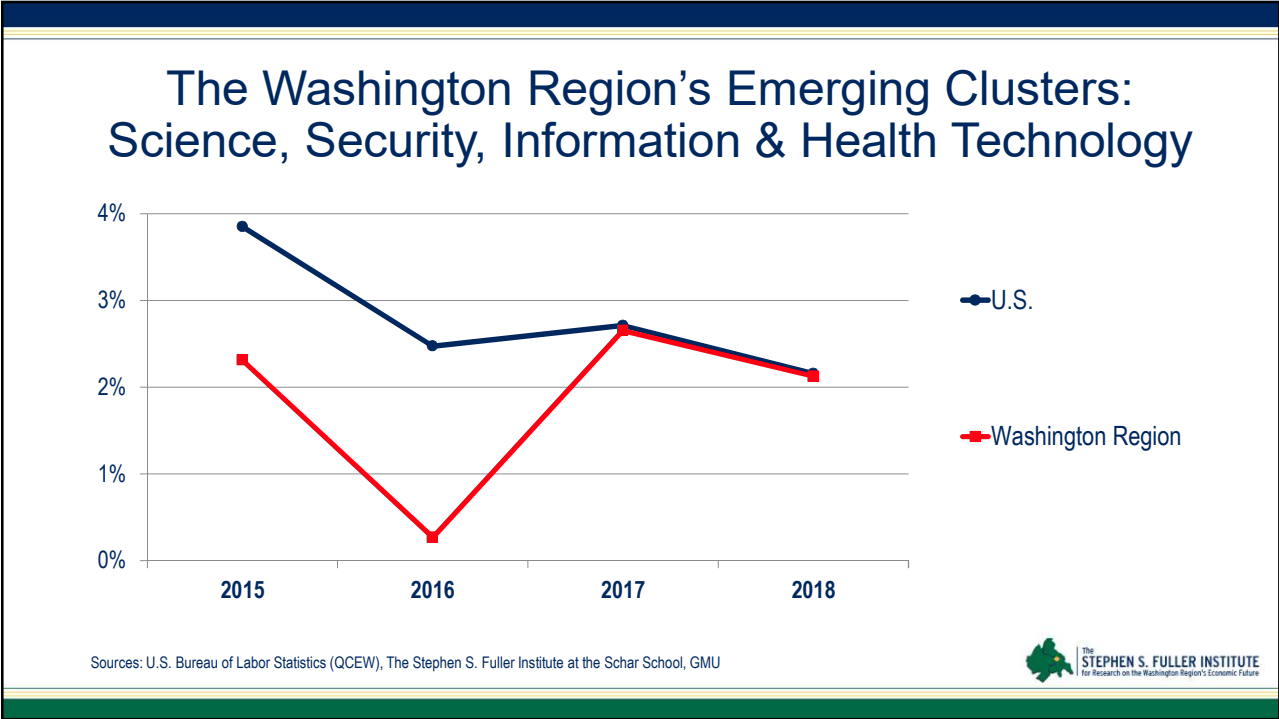


The Washington Region's Established Clusters: Influence, Management Services & Travel

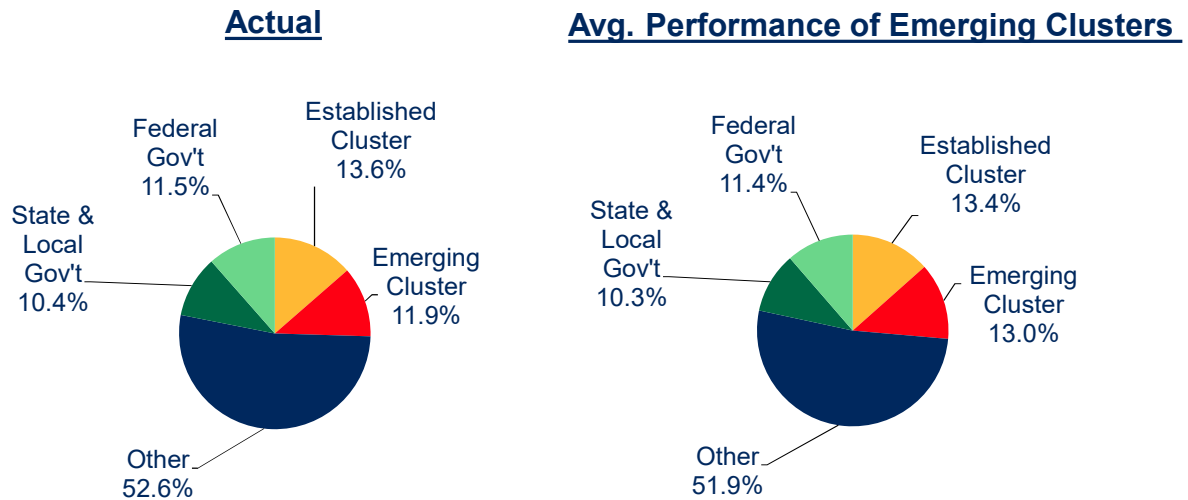


Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU





Distribution of Jobs in the Washington Region, 2018



Sources: U.S. Bureau of Labor Statistics (QCEW), The Stephen S. Fuller Institute at the Schar School, GMU

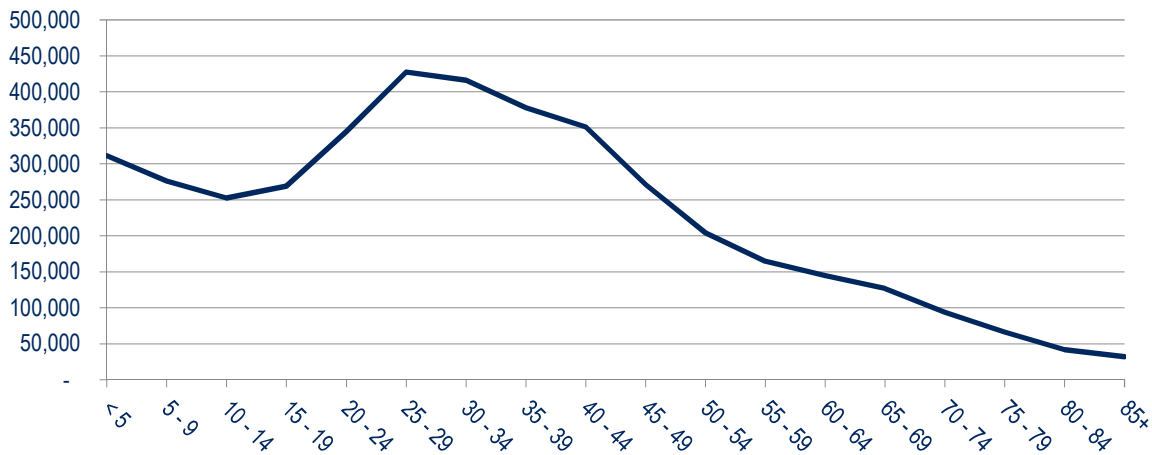


Second Key Question

Can the Washington region overcome its multi-layered jurisdictional governance to build on its competitive assets and overcome its **capacity constraints** to achieve the region's inherent growth potentials?



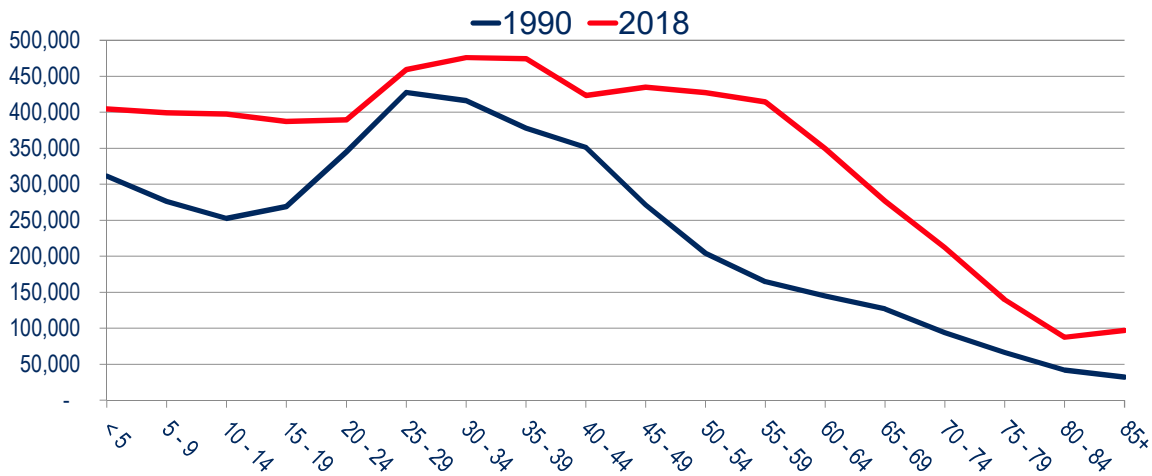
Population by Age, Washington Region, 1990



Sources: U.S. Census Bureau (1970-79 Intercensal Estimates & v2018 Population Estimates); The Stephen S. Fuller Institute at the Schar School, GMU

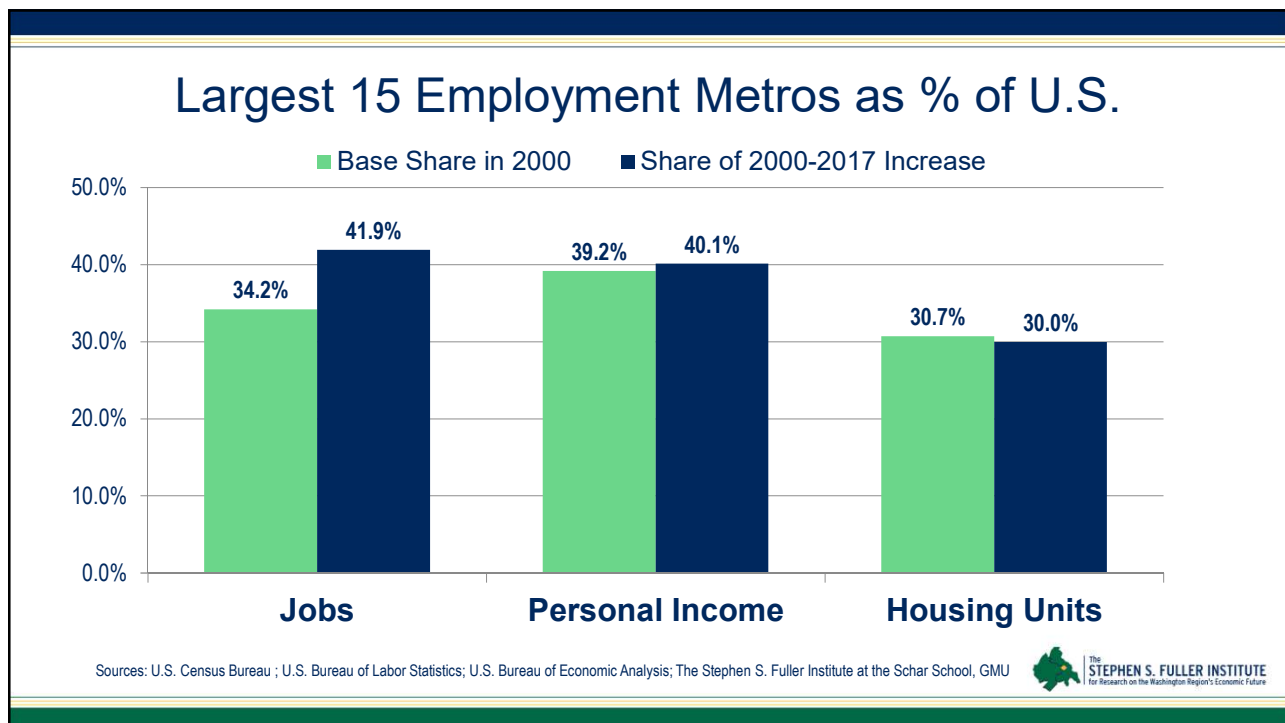
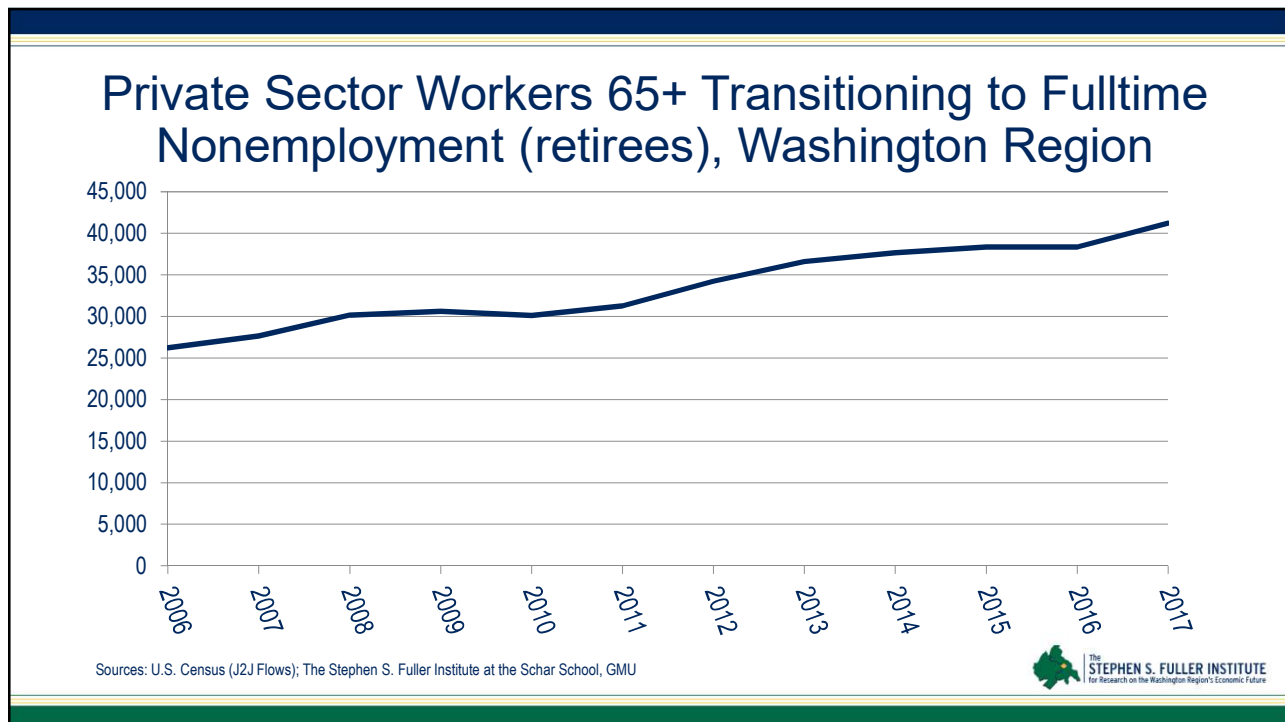


Population by Age, Washington Region

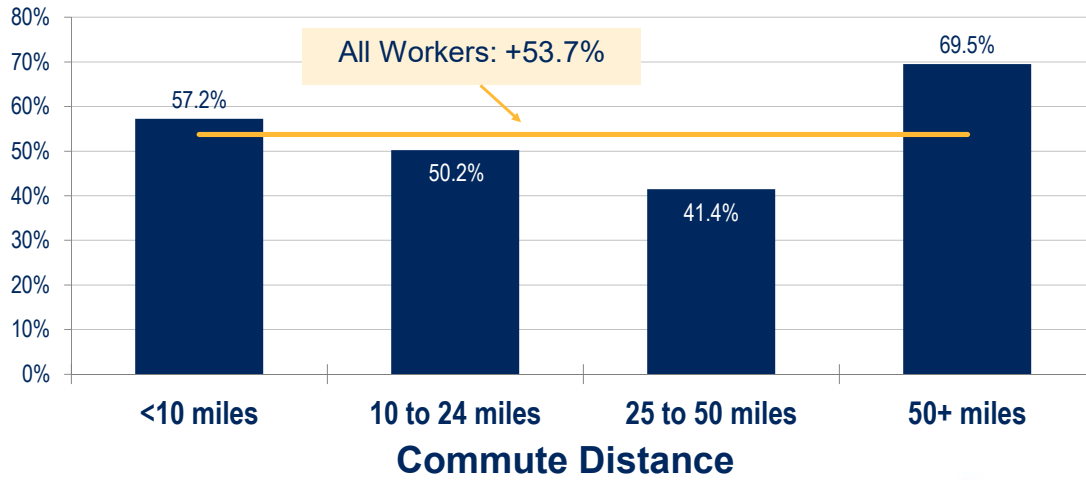


Sources: U.S. Census Bureau (1970-79 Intercensal Estimates & v2018 Population Estimates); The Stephen S. Fuller Institute at the Schar School, GMU





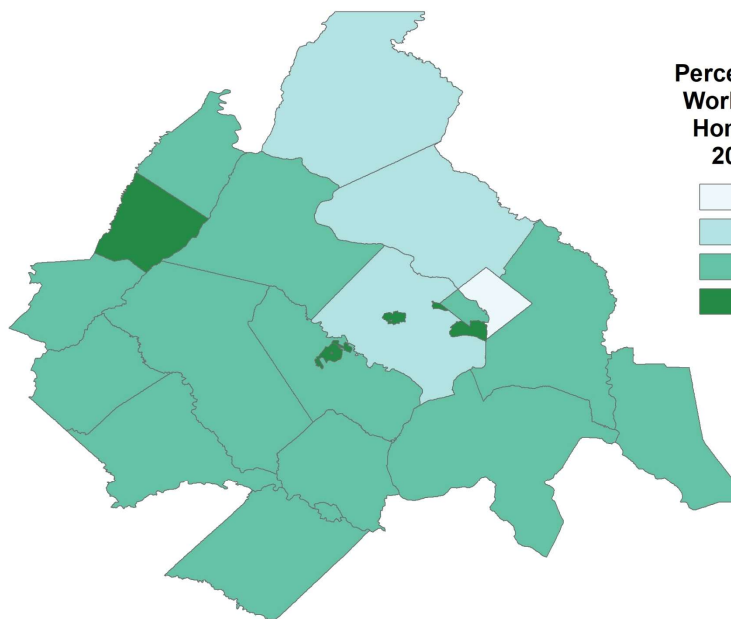
Percent Change in Workers by Commute Distance Washington Region, 2002-2015



Source: LEHD; The Stephen S. Fuller Institute at the Schar School, GMU



Percent of Residents Working Outside of Home Jurisdiction 2011-2015 Avg.



- <33.3%
- 33.4% to 49.9%
- 50.0 to 67.7%
- 67.8% or More

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