The Washington Region’s Changing Workforce

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Major Labor Force Participation Rate Trends in the U.S.
U.S. Labor Force Participation Rates
1950-2017

Sources: U.S. Bureau of Labor Statistics; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Civilian, non-institutional population, aged 16+, only

U.S. Labor Force Participation Rates by Sex
1950-2017

Sources: U.S. Bureau of Labor Statistics; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Civilian, non-institutional population, aged 16+, only
U.S. Share of Population Aged 55+

Sources: U.S. Bureau of Labor Statistics; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Civilian, non-institutional population, aged 16+, only

U.S. Labor Force Participation Rates
1950 – 2017 - 2026

Sources: U.S. Bureau of Labor Statistics; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Civilian, non-institutional population, aged 16+, only
Major Labor Force Participation Rate Trends in the Washington Region


Sources: U.S. Bureau of Labor Statistics; The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Civilian, non-institutional population, aged 16+, only
Washington Region Share of Population Aged 55+

Sources: U.S. Census Bureau (1980 & 1990 Decennial Census, 2000-2010 Intercensal & v17 Population Estimates);
The Stephen S. Fuller Institute at the Schar School, GMU

Washington Region & U.S. Share of Population Aged 55+
1980 – 2017 – 2026

The Stephen S. Fuller Institute at the Schar School, GMU NOTE: Population 15+ (WMSA) or civilian, non-institutional population, aged 16+ (US)
Labor Force Participation Rates by Age
Washington Region, 2014-2016 Average

Male
Female

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU

Labor Force Participation Rate
Washington Region, 1997-2027

Forecast

Sources: U.S. Bureau of Labor Statistics; U.S. Census (2014-2016 ACS); The Stephen S. Fuller Institute at the Schar School, GMU
Forecast of Population & Labor Force
Washington Region, 2017-2027 (in millions)

Sources: The Stephen S. Fuller Institute at the Schar School, GMU

Estimates of Retirees and Job Leavers in the Washington Region
2017 Labor Force by Age
Washington Region

Sources: The Stephen S. Fuller Institute at the Schar School, GMU

2017 Labor Force by Age in 2022
Washington Region

Sources: The Stephen S. Fuller Institute at the Schar School, GMU
Labor Force by Age in 2022
Washington Region

Workers Added:
2017 - 2022

Sources: The Stephen S. Fuller Institute at the Schar School, GMU
Labor Force Change: Worker’s Age in 2022
Washington Region, 2017 - 2022

Workers Added: +495k
99k per year

Retirees / Leavers = 375k
75k per year

Labor Force Change: Worker’s Age in 2027
Washington Region, 2022 - 2027

Workers Added: +511k
102k per year

Retirees / Leavers = 372k
74k per year
Labor Force Distribution by Age
Washington Region

Sources: The Stephen S. Fuller Institute at the Schar School, GMU

Aging Industries & Occupations in the Washington Region
Share of Job-Holders Aged 45+ By Select Sector
Washington Region, 2006

Sources: Quarterly Workforce Indicators; The Stephen S. Fuller Institute at the Schar School, GMU *through 3Q 2017

Share of Job-Holders Aged 45+ By Select Sector
Washington Region, 2017*

Sources: Quarterly Workforce Indicators; The Stephen S. Fuller Institute at the Schar School, GMU *through 3Q 2017
Occupations with the Largest % of Job-Holders Aged 45+
Washington Region, 2014-2016 Average

<table>
<thead>
<tr>
<th>Occupation</th>
<th>% of Job-Holders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management</td>
<td>48.7%</td>
</tr>
<tr>
<td>Community &amp; Social Svcs</td>
<td>47.0%</td>
</tr>
<tr>
<td>Building &amp; Grounds &amp; Maint.</td>
<td>46.3%</td>
</tr>
<tr>
<td>Production</td>
<td>45.9%</td>
</tr>
<tr>
<td>Healthcare Pract. &amp; Technical</td>
<td>44.9%</td>
</tr>
<tr>
<td>Architecture &amp; Engineering</td>
<td>44.7%</td>
</tr>
<tr>
<td>Legal Svcs</td>
<td>44.5%</td>
</tr>
<tr>
<td>Transp. &amp; Material Moving</td>
<td>43.1%</td>
</tr>
<tr>
<td>Installation, Maint., &amp; Repair</td>
<td>41.3%</td>
</tr>
</tbody>
</table>

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU
NOTE: Private Sector Job-holders
Differences between Older & Younger Workers in the Washington Region

Labor Force By Sex
Washington Region, 2014-2016 Average

<table>
<thead>
<tr>
<th></th>
<th>&lt;45 Years Old</th>
<th>45+ Years Old</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>56.2%</td>
<td>43.8%</td>
</tr>
<tr>
<td>Female</td>
<td>56.8%</td>
<td>43.2%</td>
</tr>
<tr>
<td>Total</td>
<td>56.5%</td>
<td>43.5%</td>
</tr>
</tbody>
</table>

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU
Share of Labor Force 45 Years Old & Younger
By Select Race & Ethnicity
Washington Region, 2014-2016 Average

- 2+ Races, Not Hispanic: 71.4%
- Hispanic, Any Race: 68.3%
- Asian/Pacific Islander, Not Hispanic: 59.7%
- Black, Not Hispanic: 55.4%
- White, Not Hispanic: 52.3%
- Total: 56.5%

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU

Share of Labor Force* 45 Years Old & Younger
By Place of Birth
Washington Region, 2014-2016 Average

- Latin America: 61.4%
- Africa: 57.4%
- Europe: 54.3%
- Asia & Oceania: 53.2%
- Northern America: 51.8%
- US & Territories: 56.2%

Foreign-Born (not to U.S. Parents)

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU
Share of Labor Force* 45 Years Old & Younger By Educational Attainment
Washington Region, 2014-2016 Average

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU
*Includes workers aged 25+

Most Common Undergraduate Degree
Washington Region, 2014-2016 Average

<table>
<thead>
<tr>
<th>Labor Force Aged &lt;45</th>
<th>Labor Force Aged 45+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political Science &amp; Govt.</td>
<td>Business Mgt. &amp; Admin.</td>
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<td>Business Mgt. &amp; Admin.</td>
<td>Political Science &amp; Govt.</td>
</tr>
<tr>
<td>Psychology</td>
<td>Accounting</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Economics</td>
</tr>
<tr>
<td>English Language &amp; Lit.</td>
<td>General Business</td>
</tr>
<tr>
<td>Accounting</td>
<td>English Language &amp; Lit.</td>
</tr>
<tr>
<td>Economics</td>
<td>Psychology</td>
</tr>
</tbody>
</table>

Sources: 2014, 2015, 2016 ACS Microdata (Average); The Stephen S. Fuller Institute at the Schar School, GMU
*Includes workers aged 25+ with a B.A.