

Access to Living Wage Jobs: STEM & High Demand in the Public 4-Year Sector

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July 2, 2019

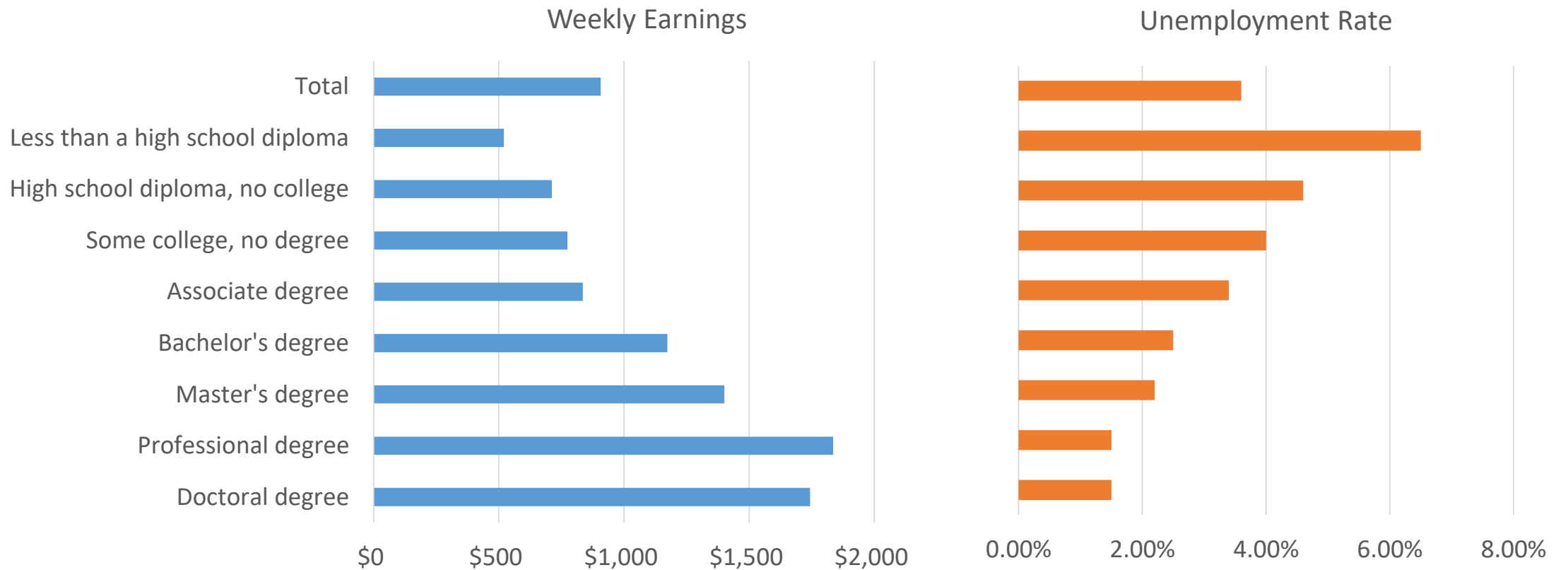


Role of Public 4-year Colleges & Universities

- WSAC has identified a statewide goal of **70%** of adults ages 25-44 having a post-secondary credential.
- The Washington Roundtable projects **740,000** job openings by the year 2021, most of which will require a post-secondary credential.
- Approximately **63%** of career job openings will be filled by workers with a bachelor's degree or higher, including areas with the highest unmet need: computer science & mathematics, business & finance, education, and healthcare fields.

Education Pays

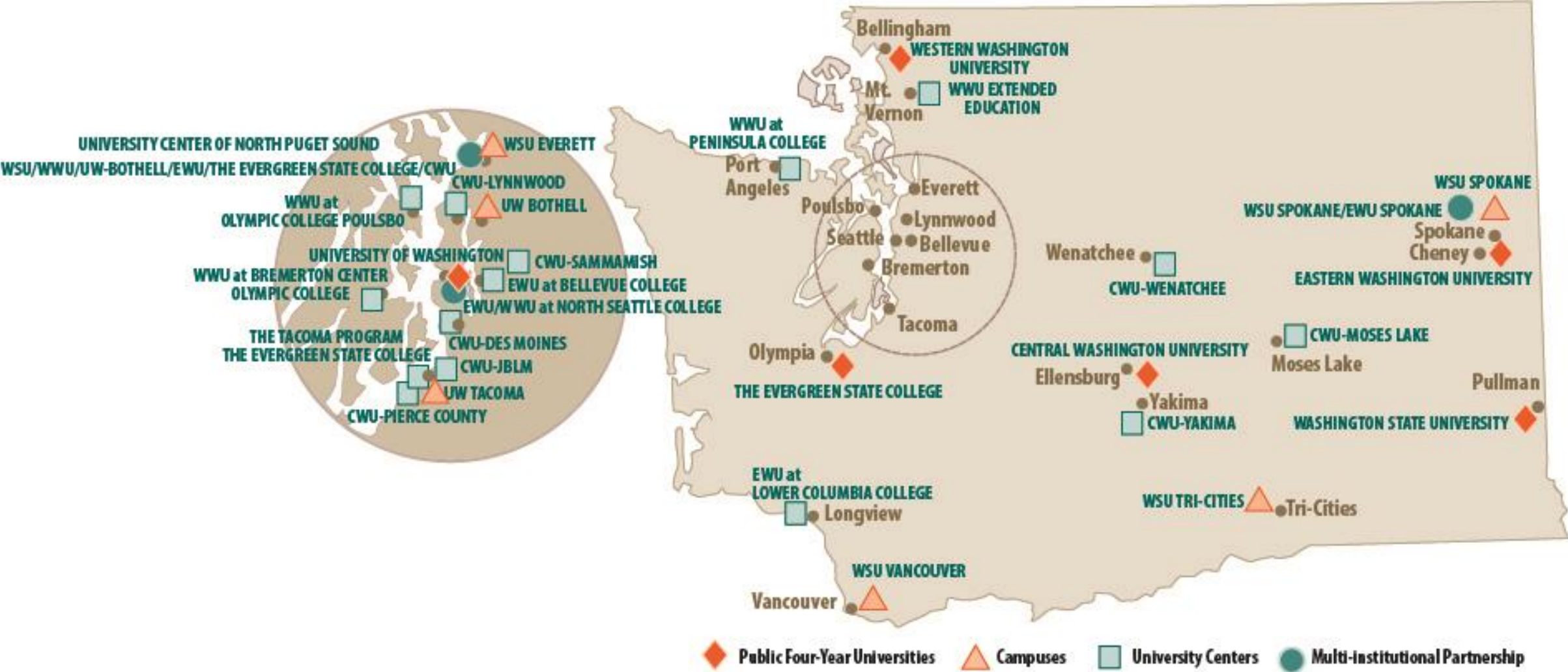
Median weekly earnings and unemployment rate by educational attainment, 2017 Unemployment rate



Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary workers.

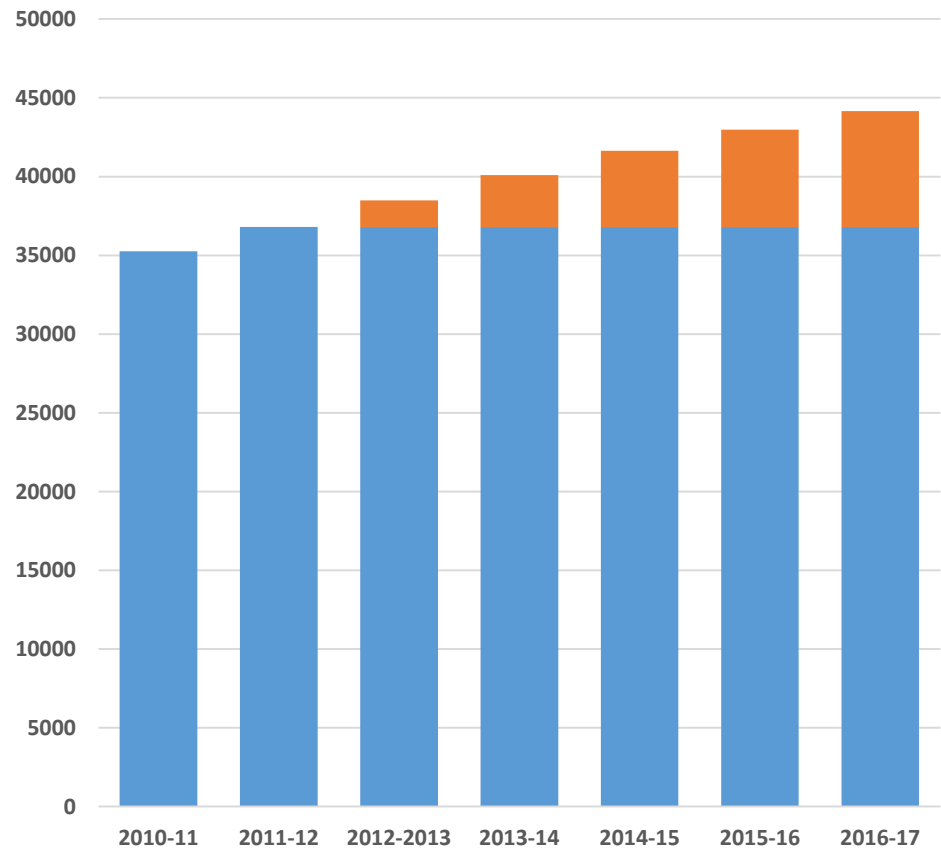
Source: U.S. Bureau of Labor Statistics, Current Population Survey.

Serving Washington

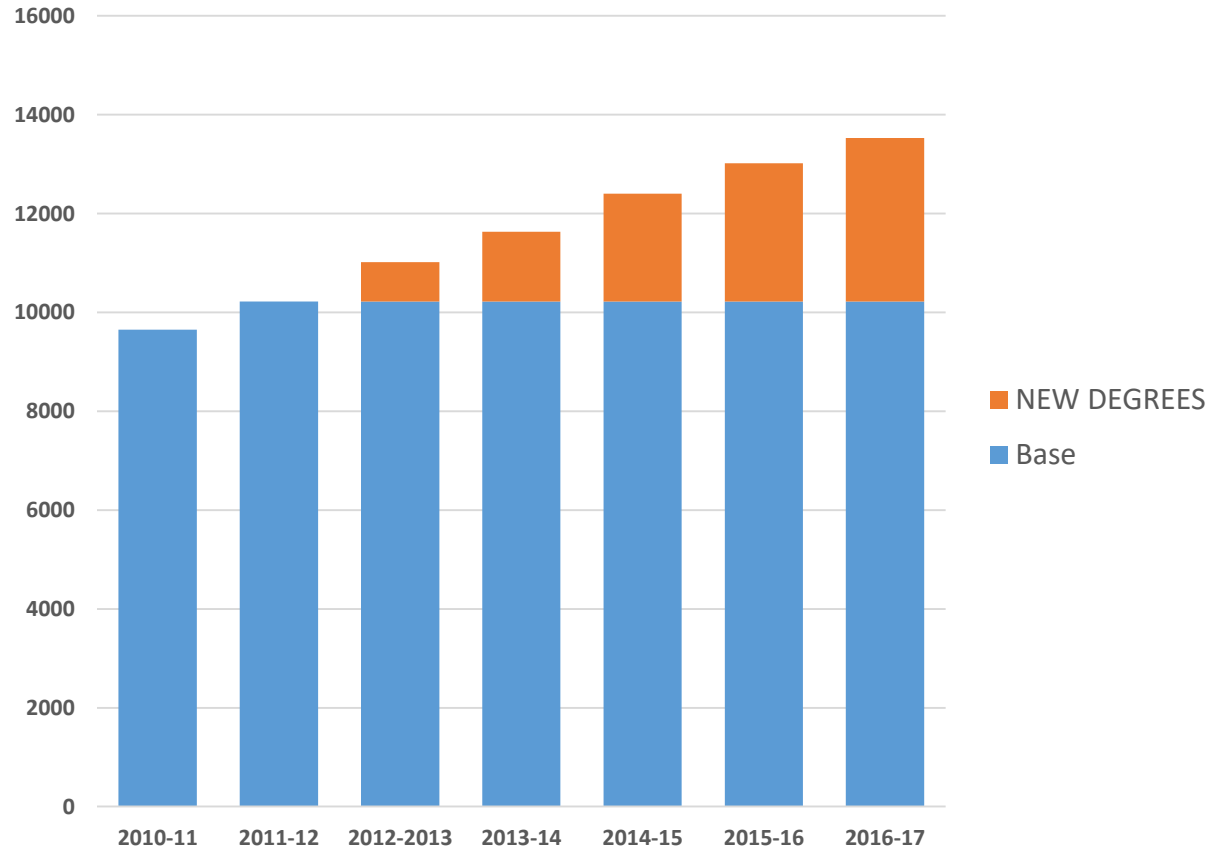


Access & Achievement: STEM/High Demand Degrees

Public 4-year STEM/High Demand Enrollments

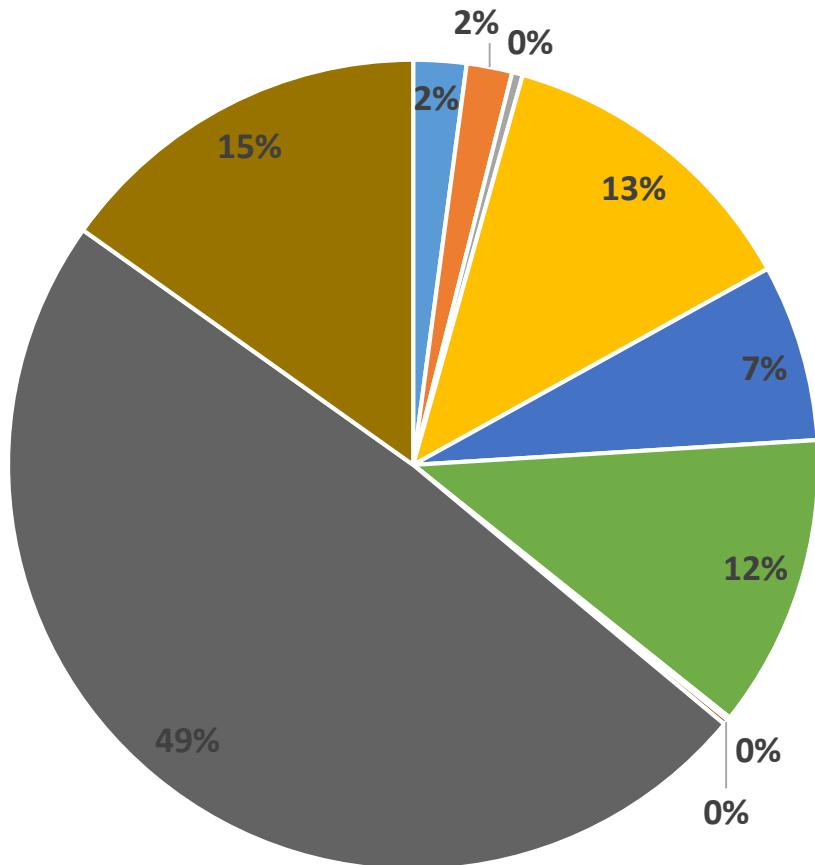


Public 4-year STEM/High Demand degrees

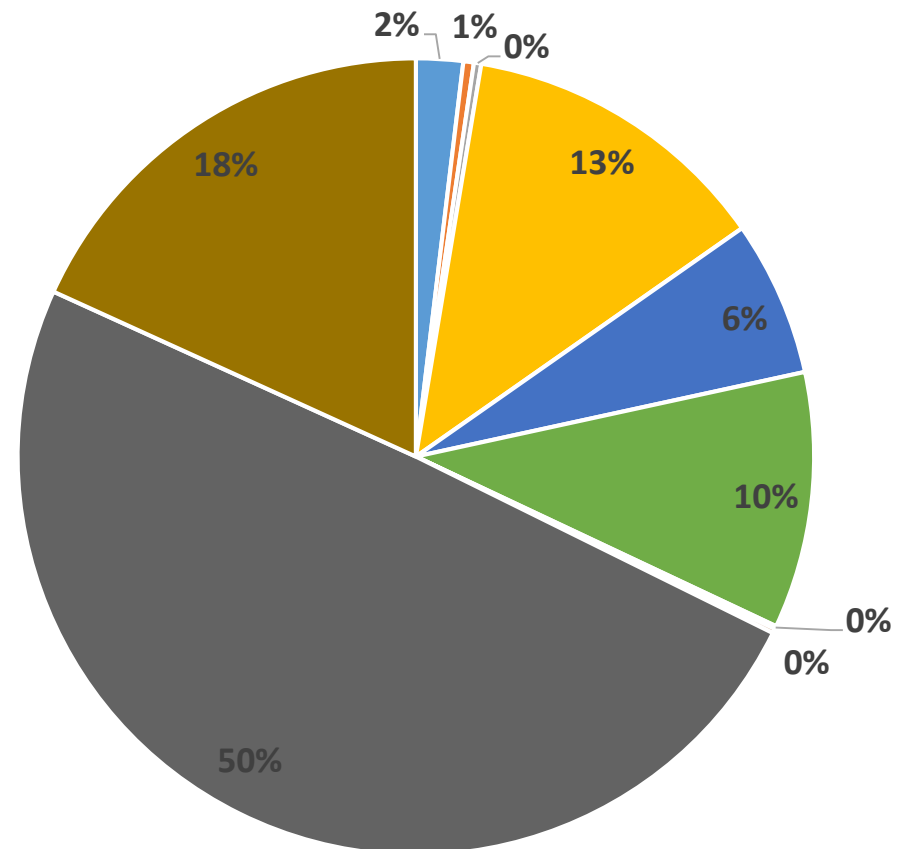


Access & Achievement: STEM/High Demand Degrees

Public 4-year STEM/High Demand enrollments

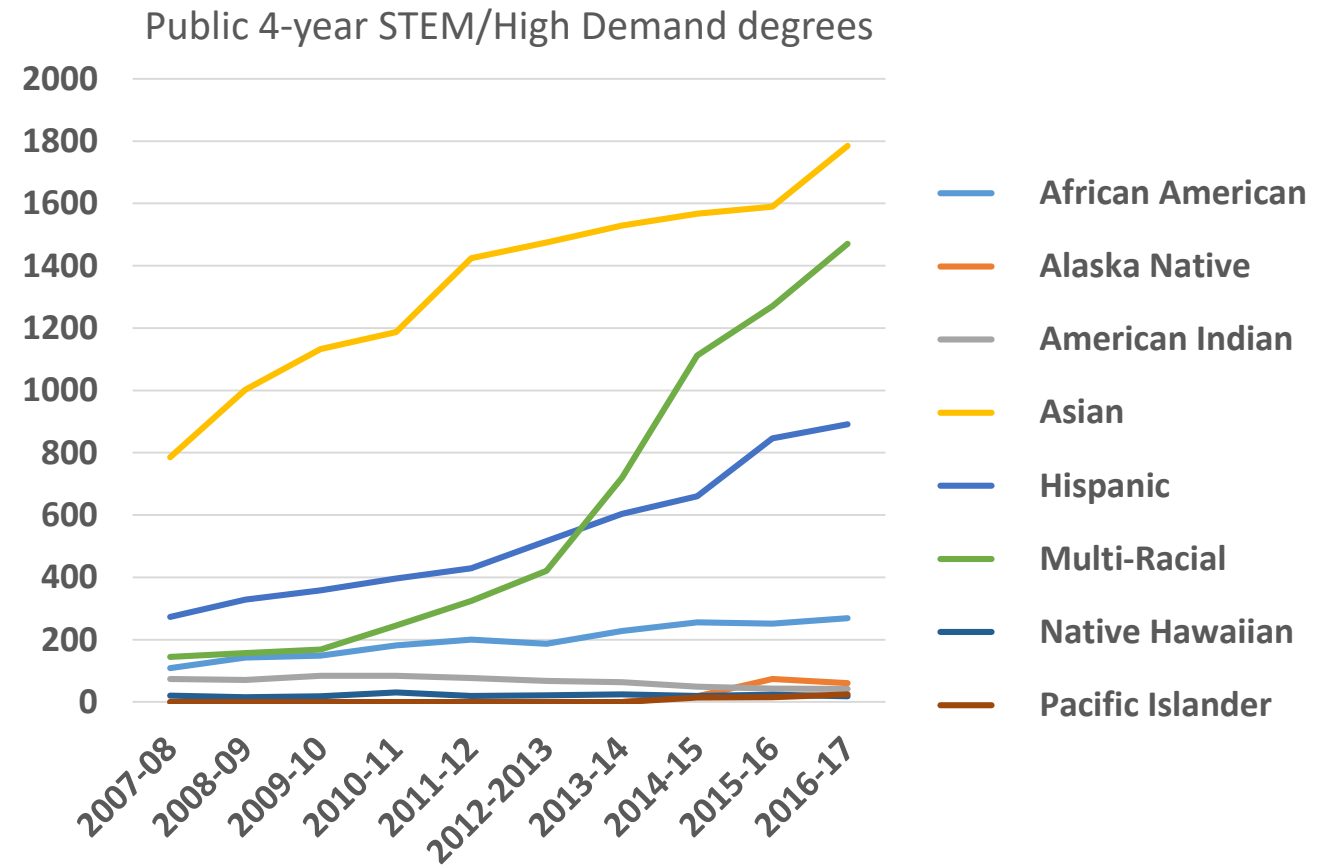
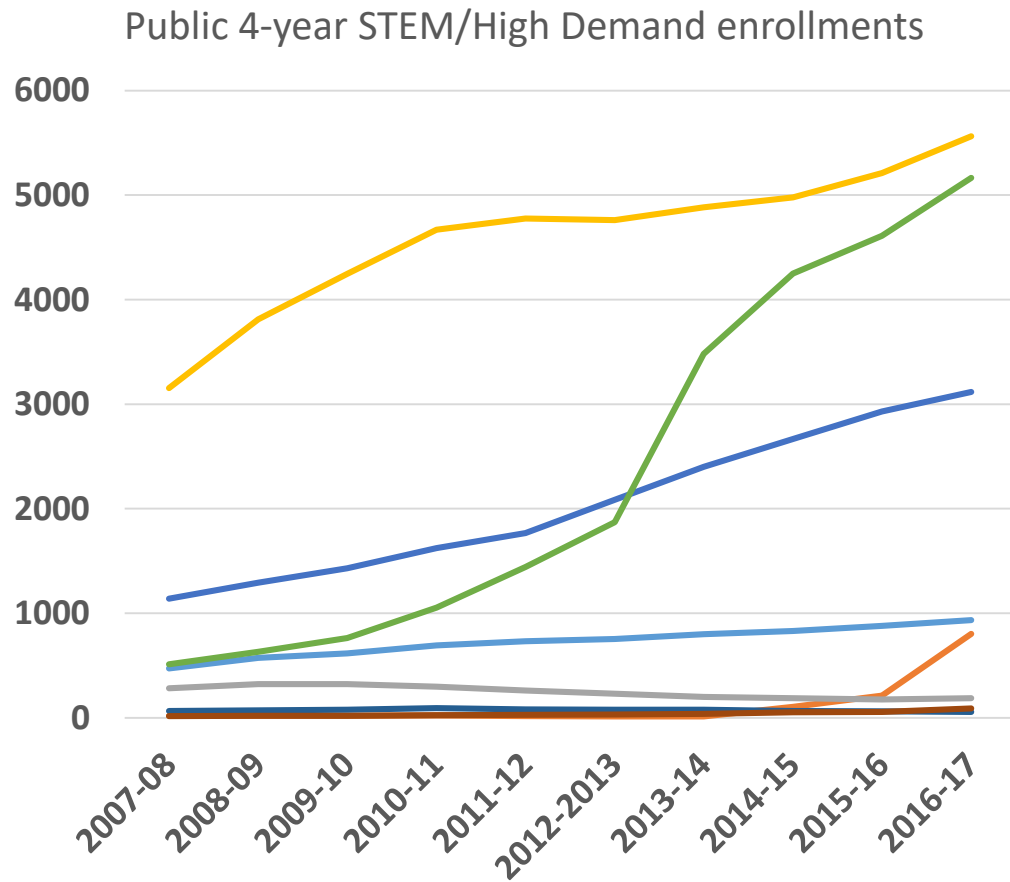


Public 4-year STEM/High Demand degrees

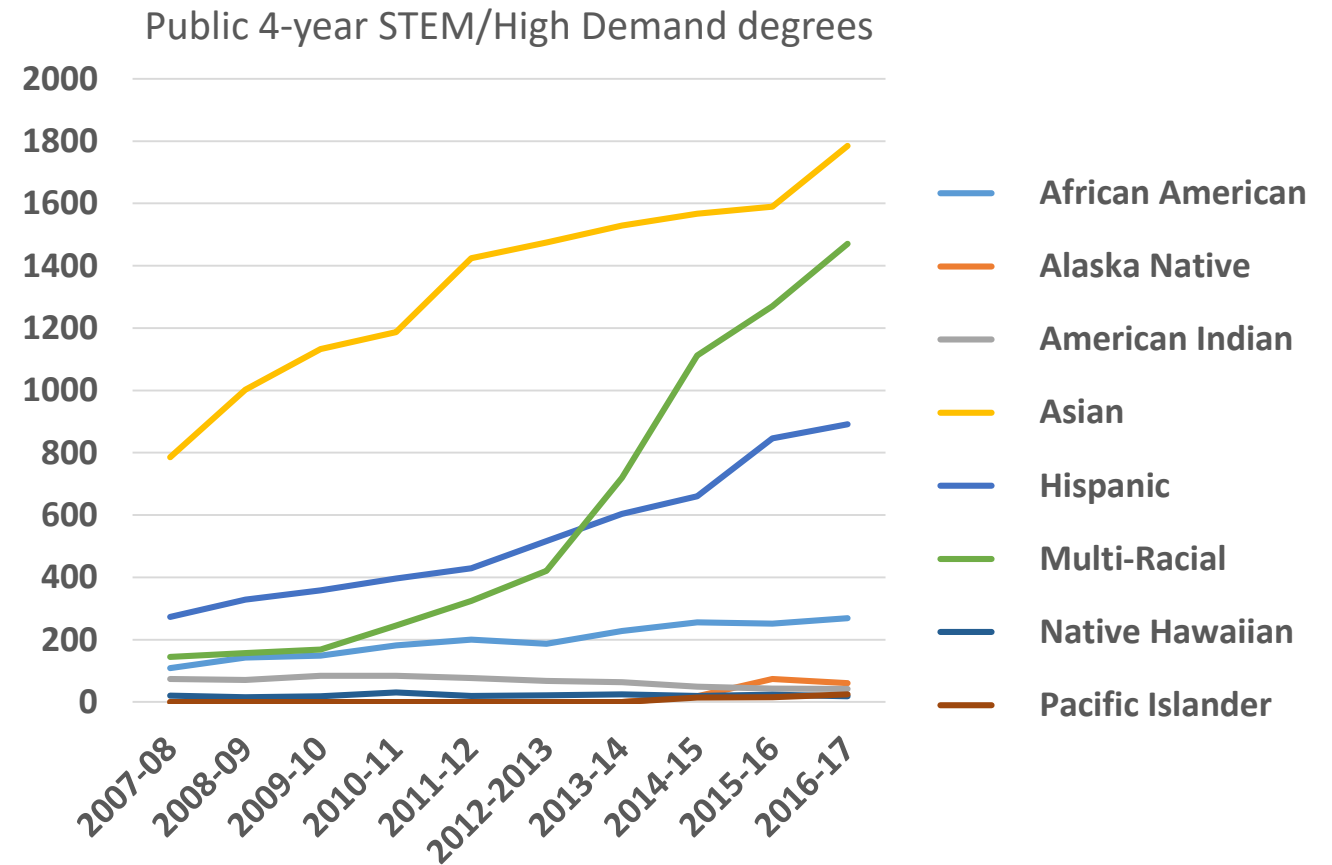
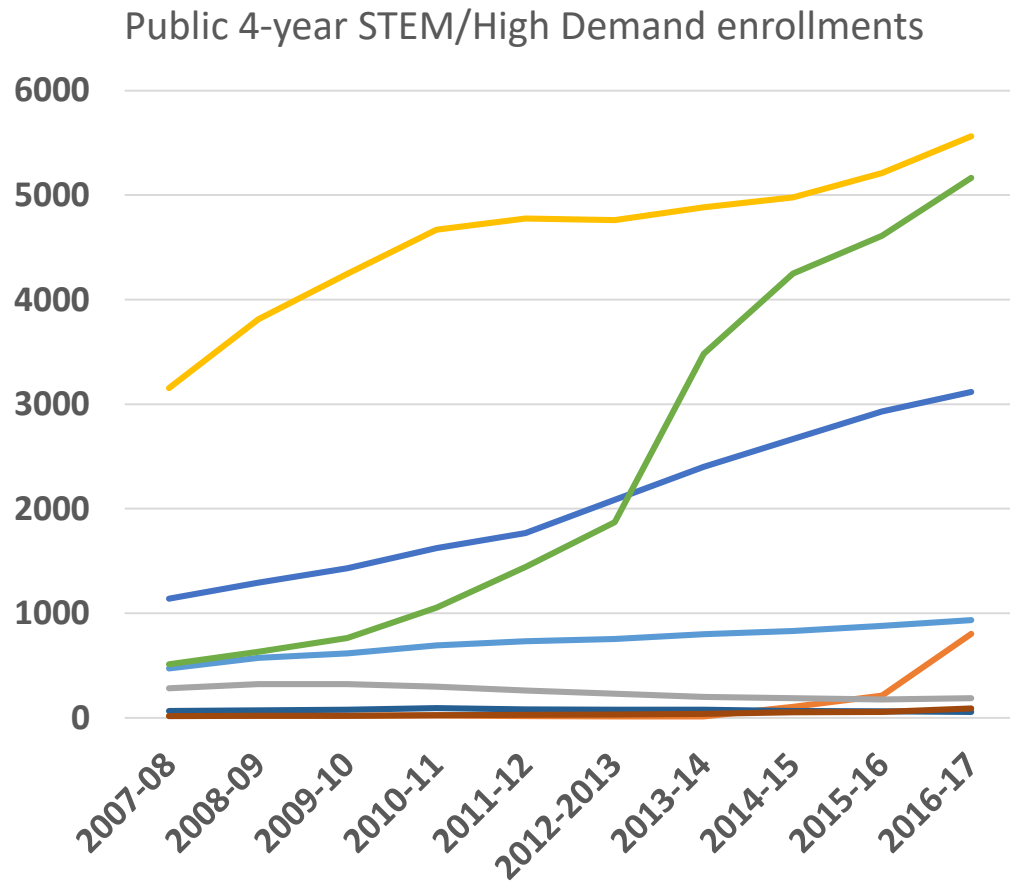


- African American
- Alaska Native
- American Indian
- Asian
- Hispanic
- Multi-Racial
- Native Hawaiian
- Pacific Islander
- White
- Not Reported

Increased Diversity: STEM/High Demand Fields

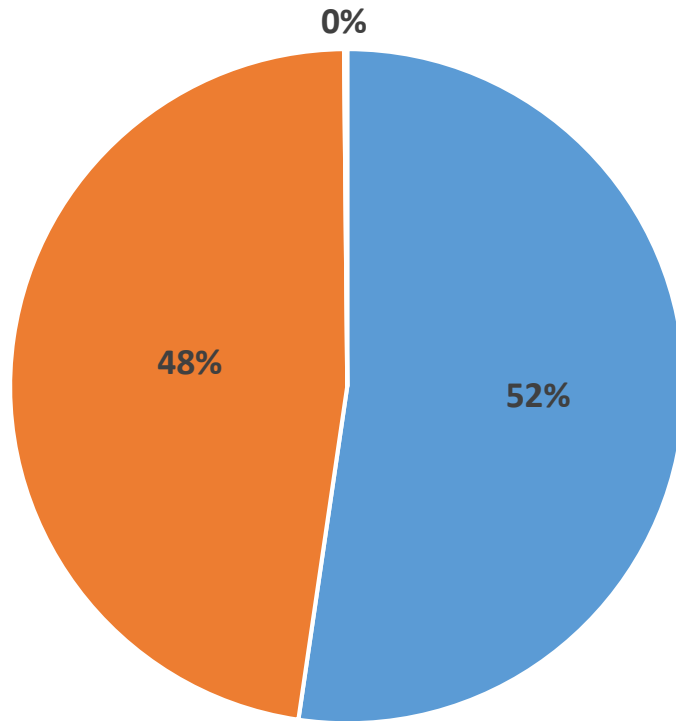


Increased Diversity: STEM/High Demand Fields



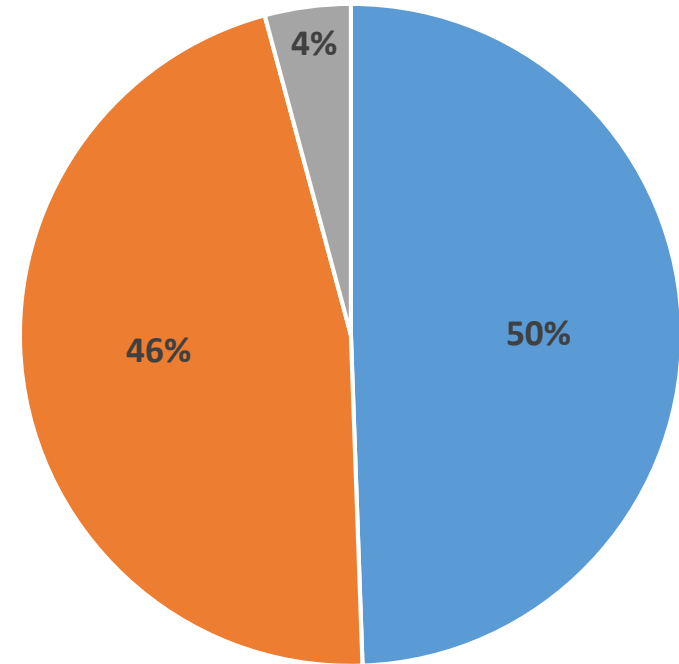
Increased Diversity: STEM/High Demand Fields

Public 4-Year STEM/High Demand Enrollments



Public 4-Year STEM/High Demand Degrees

- Male
- Female
- Unknown



Challenges and Opportunities

- **College Participation Rates:** Washington continues to rank near the bottom nationally in four-year higher education participation.
- **Reaching and supporting all students:** While gains have been made with underrepresented students, opportunity gaps remain, requiring continued outreach and support for students on their pathway to a degree.
- **Capacity:** The public baccalaureates continue to have more qualified applicants than enrollment slots in specific STEM and High Demand programs.