

EDUCATION AND TRAINING

ANALYZING EDUCATION, EMPLOYMENT & EARNING DATA

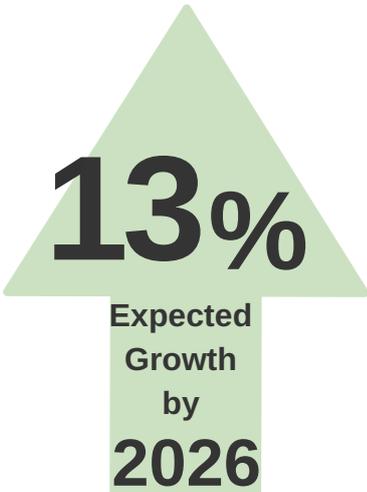


This analysis of the Education & Training cluster in the Commonwealth highlights important information for each of its career pathways—Administration and Administrative Support; Professional Support Services; and Teaching/Training.



What trends do we currently see? What trends may we anticipate?

- The Education & Training cluster is expected to have the fourth highest percentage of job growth in Virginia among all clusters through 2026 (13%).
- Within the Education & Training Career Cluster, the Teaching/Training Career Pathway is projected to have approximately 17,500 annual job openings by 2026—the highest projection of all pathways in the cluster.
- Among all occupations in this cluster, Health Specialties Teachers (Postsecondary) are expected to have the highest percentage of job growth over the decade (31%), while Elementary School Teachers (except those in Special Education) are projected to see the greatest increase in the number of positions by 2026 (3,982).
- The educational requirements for occupations for this cluster are generally high. Only one occupation—Teaching Assistants—has a predominant level of education less than a bachelor's degree.



13%

Expected
Growth
by
2026



EDUCATION

Figure 1 shows the predominant level of education and training in each pathway. Education data was determined by Trailblazers based on U.S. Bureau of Labor Statistics occupational education and training data. The percentages in the graph below reflect the number of occupations, not the number of workers. For example, the Administrative and Administrative Support pathway consists of four occupations; all of them require a bachelor's degree or more and work experience (100%).

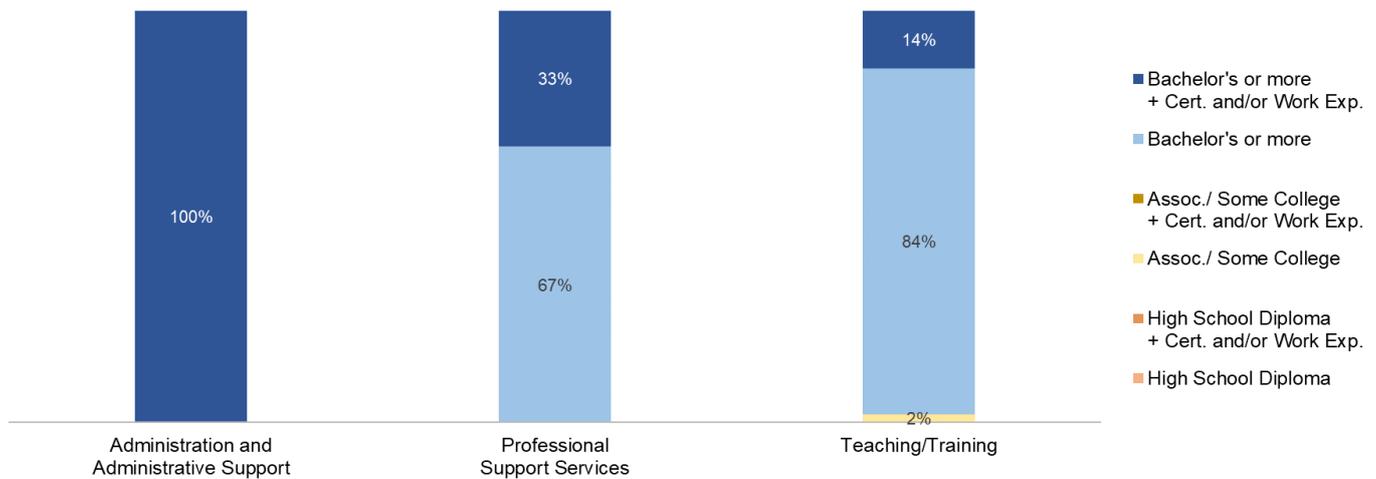


Figure 1: Predominant Education Level for Education & Training Cluster, 2016-2026



EMPLOYMENT

Figure 2 compares the estimated 2016 employment for each pathway to projected 2026 employment levels. Data are provided by the Virginia Employment Commission.

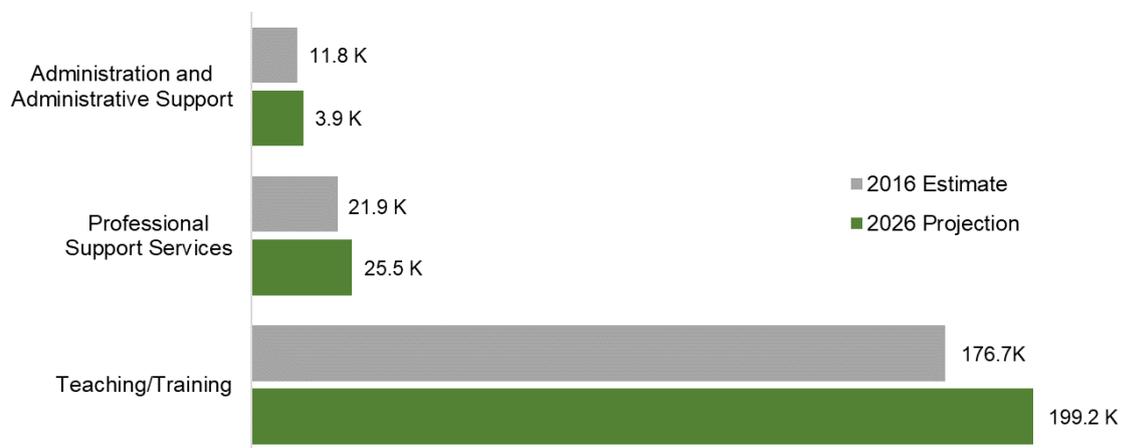


Figure 2: Employment in Virginia for Education & Training Cluster, 2016-2026



EARNING AND GROWTH

Figure 3 presents the size and median wages of the occupations in each pathway with the highest projected percentage of growth. Wage data are provided by the U.S. Bureau of Labor Statistics Occupational Employment Statistics program.

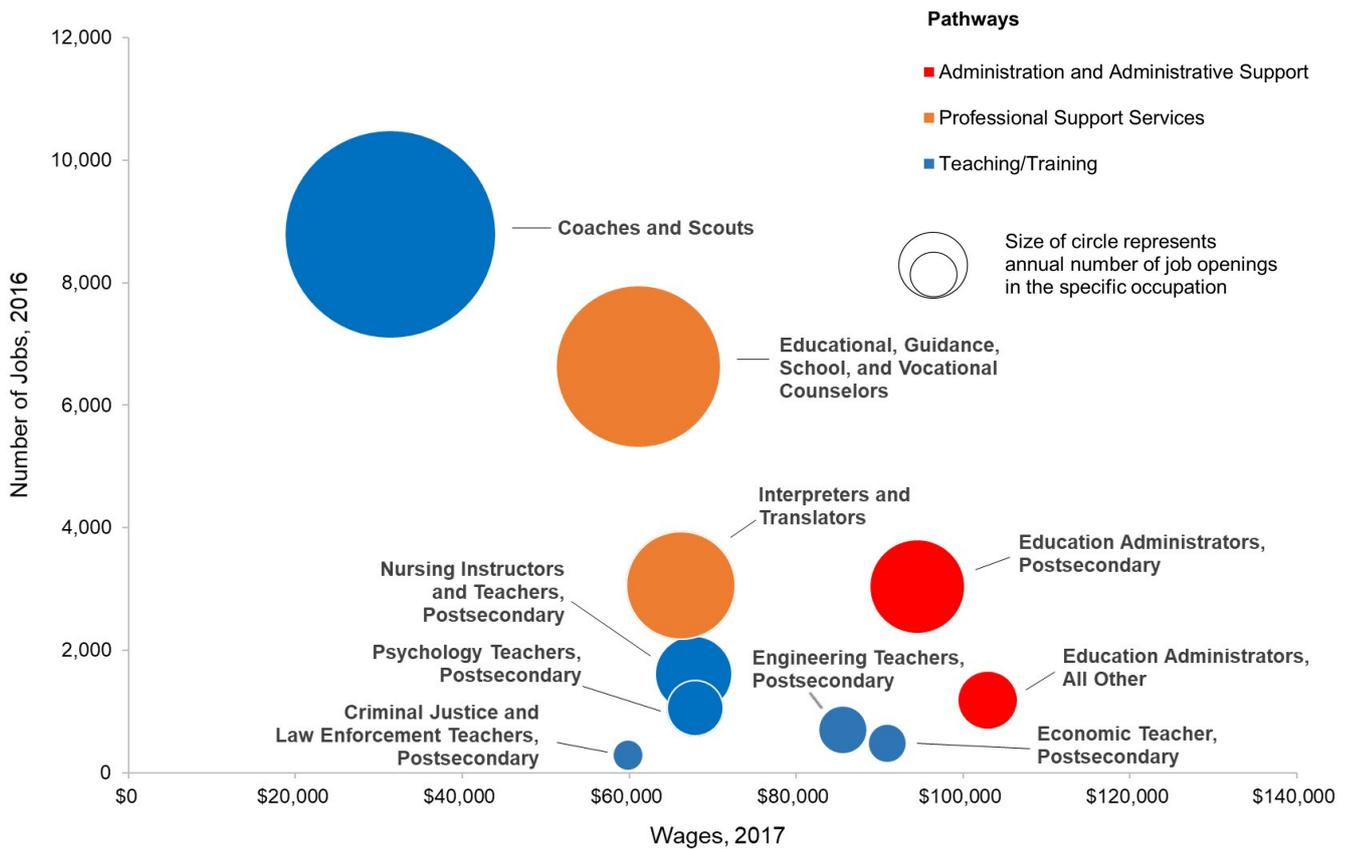


Figure 3: Earning and Growth for Selected Occupations in Virginia, 2016-2026



Employment Growth by LWIA

The following Labor Workforce Investment Areas (LWIAs) will experience higher occupational growth rate in the Education & Training Cluster.

- Capital Region Workforce Partnership
- Shenandoah Valley
- Region 2000/ Central VA
- Northern Virginia



Nontraditional Occupations

Nontraditional Occupations for Males

- Librarians
- Teacher Assistants

