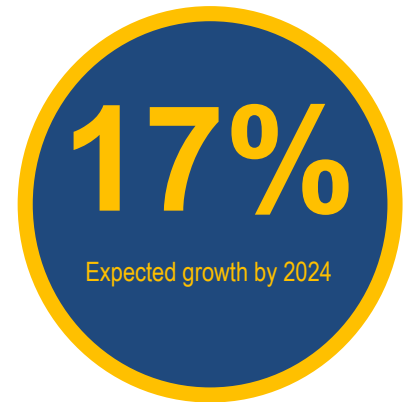


EDUCATION, EMPLOYMENT & EARNINGS: ANALYZING DATA FROM INFORMATION TECHNOLOGY

This analysis of the *Information Technology* cluster in Virginia highlights important information for each of its four career pathways—*Information Support & Services*; *Network Systems*; *Programming & Software Development*; and *Web & Digital Communications*.

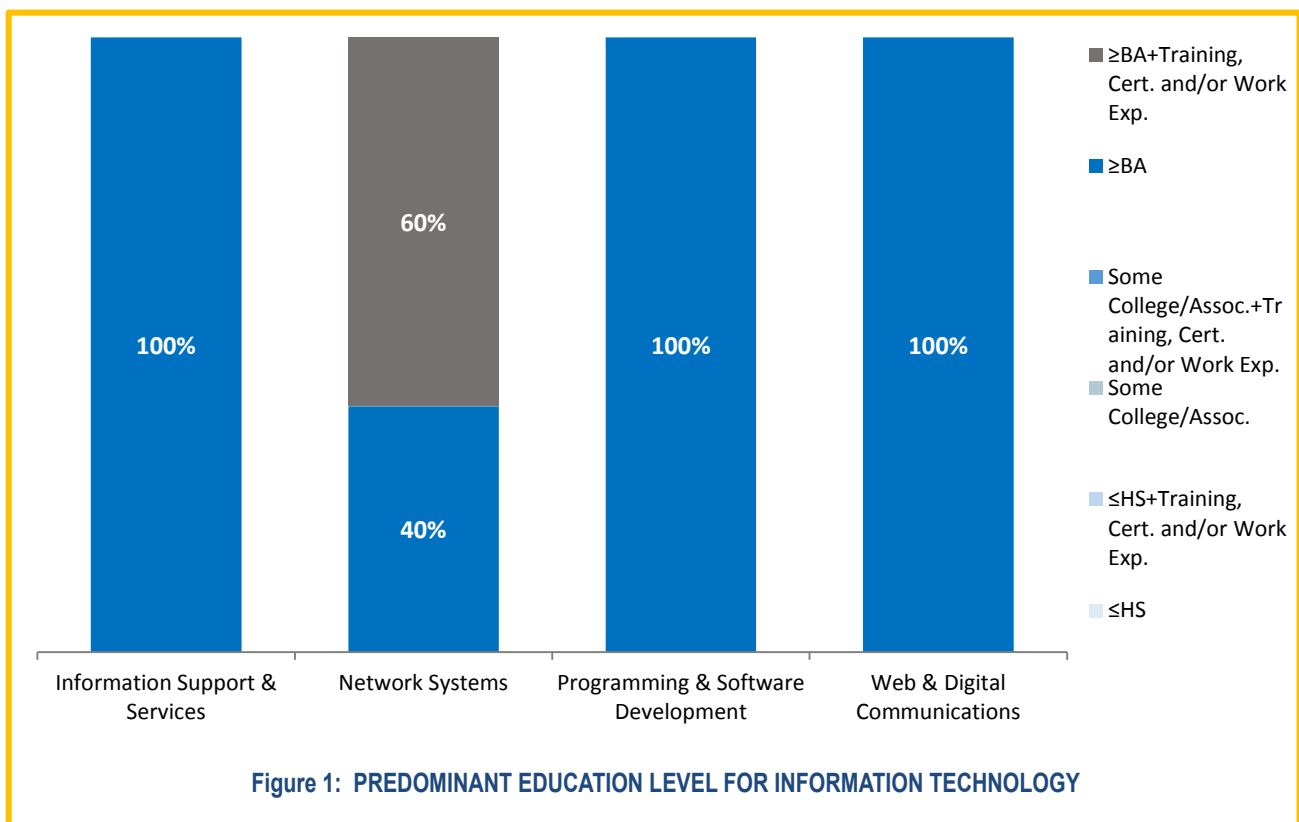
What trends do we currently see? What trends may we anticipate?

- The *Information Technology* cluster is expected to have the second highest percentage of job growth in Virginia among all clusters through 2024 (17%).
- All four career pathways in this cluster are projected to have employment growth of 10 percent or more by 2024 and together are expected to provide about 32,000 additional jobs throughout the Commonwealth during this time period.
- Three occupations in this cluster are expected to expand by 25 percent or more in the state by 2024—Web Developers (28%), Information Security Analysts (27%), and Computer Systems Analysts (25%).
- All occupations in this cluster have a predominant education level of bachelor's degree or more.

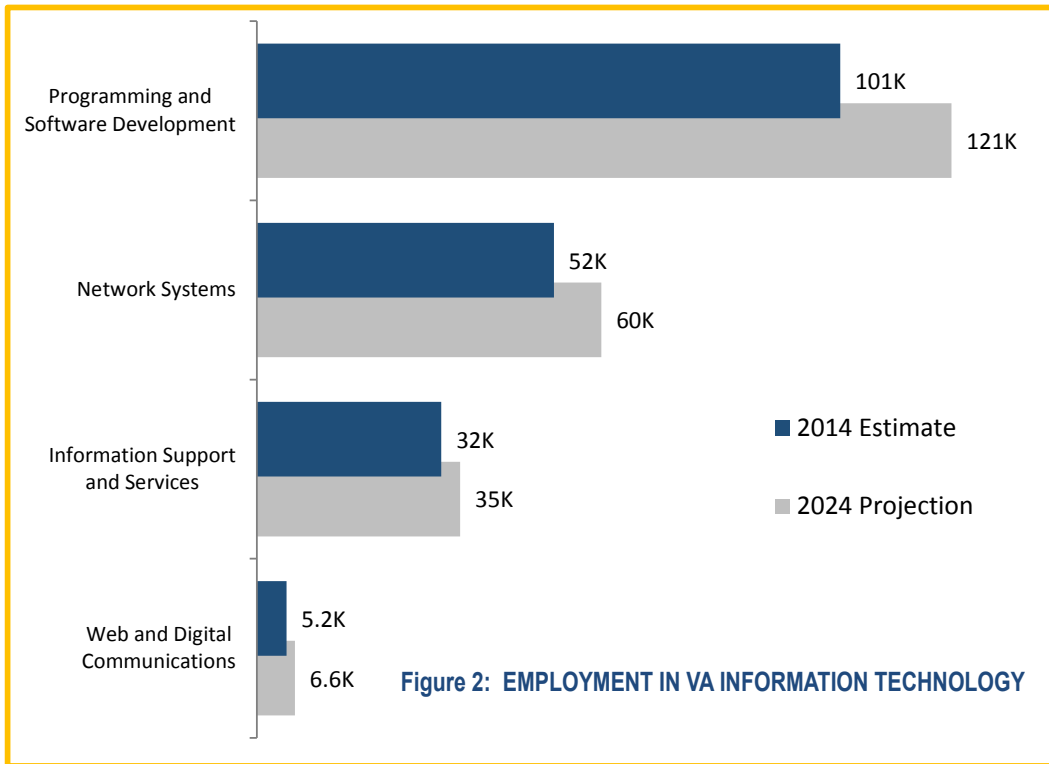


EDUCATION

Figure 1 shows the predominant level¹ of education and training in each pathway. Education data was determined by Trailblazers based on US Bureau of Labor Statistics occupational education and training data.



Footnote 1: Reflects predominant education by the number of occupations in each pathway, not the number of workers



EMPLOYMENT

Figure 2 compares the estimated 2014 employment for each pathway to projected 2024 employment levels.

Data are provided by the Virginia Employment Commission.

EARNINGS AND GROWTH

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

