

## TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

### ANALYZING EDUCATION, EMPLOYMENT & EARNING DATA

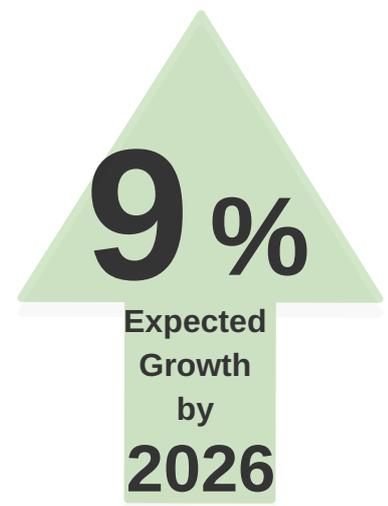


This analysis of the Transportation, Distribution, & Logistics cluster in the Commonwealth highlights important information for each of its career pathways—Facility and Mobile Equipment Maintenance; Logistics Planning and Management Services; Sales and Service; Transportation Operations; and Transportation Systems/Infrastructure Planning, Management, and Regulation.



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

- In 2016, about 273,000 jobs were associated with the Transportation, Distribution, & Logistics cluster statewide. Over the next decade, this cluster is projected to experience 9 percent job growth, slightly lower than the Commonwealth as a whole (10%).
- The Transportation Operations pathway is expected to add approximately 16,000 new positions through 2026—the greatest among all pathways in this career cluster.
- Among all occupations in this career cluster with a predominant education level of an associate degree or some college, Billing and Posting Clerks are projected to have the highest percentage of job growth over the decade (17%).
- All occupations in the Logistics Planning and Management Services; Sales and Service; and Transportation Systems/Infrastructure Planning, Management, and Regulation pathways require postsecondary education for entry.





## 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 Logistics Planning and Management Services pathway consists of three occupations: two occupations require an associate degree or some college with training/certification (67%), and one requires a bachelor's degree or more (33%).

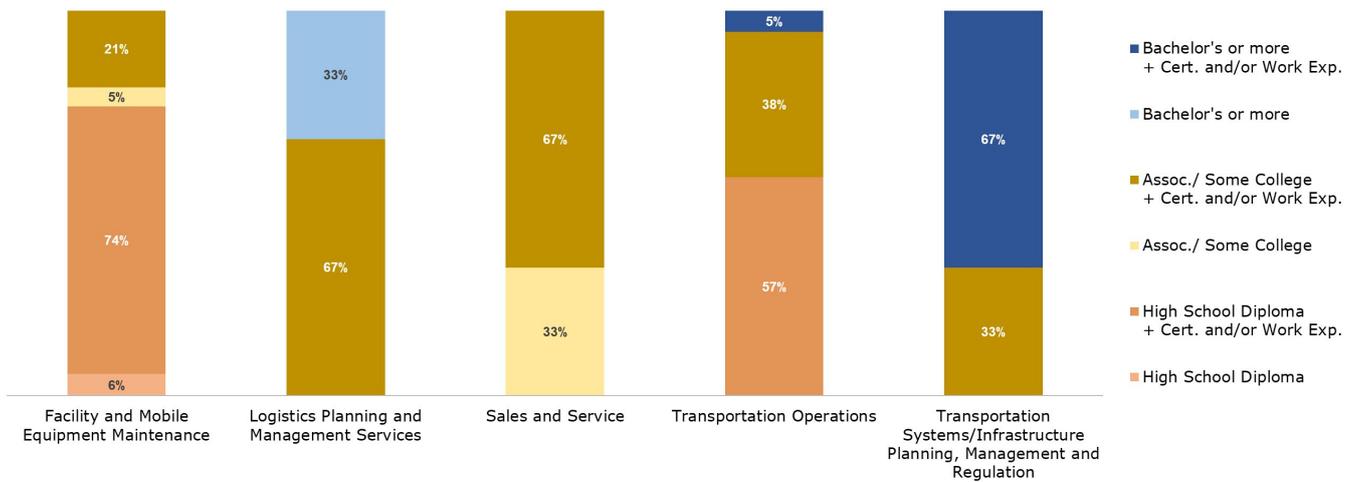


Figure 1: Predominant Education Level for Transportation, Distribution & Logistics, 2016-2026



## EMPLOYMENT

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

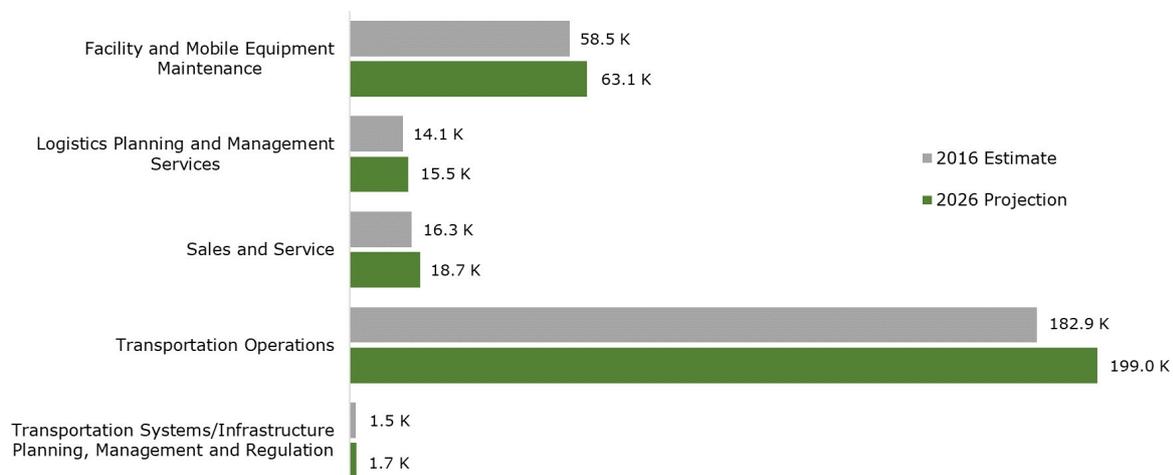


Figure 2: Employment in Virginia for the Transportation, Distribution & Logistics Cluster, 2016-2026



# 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.

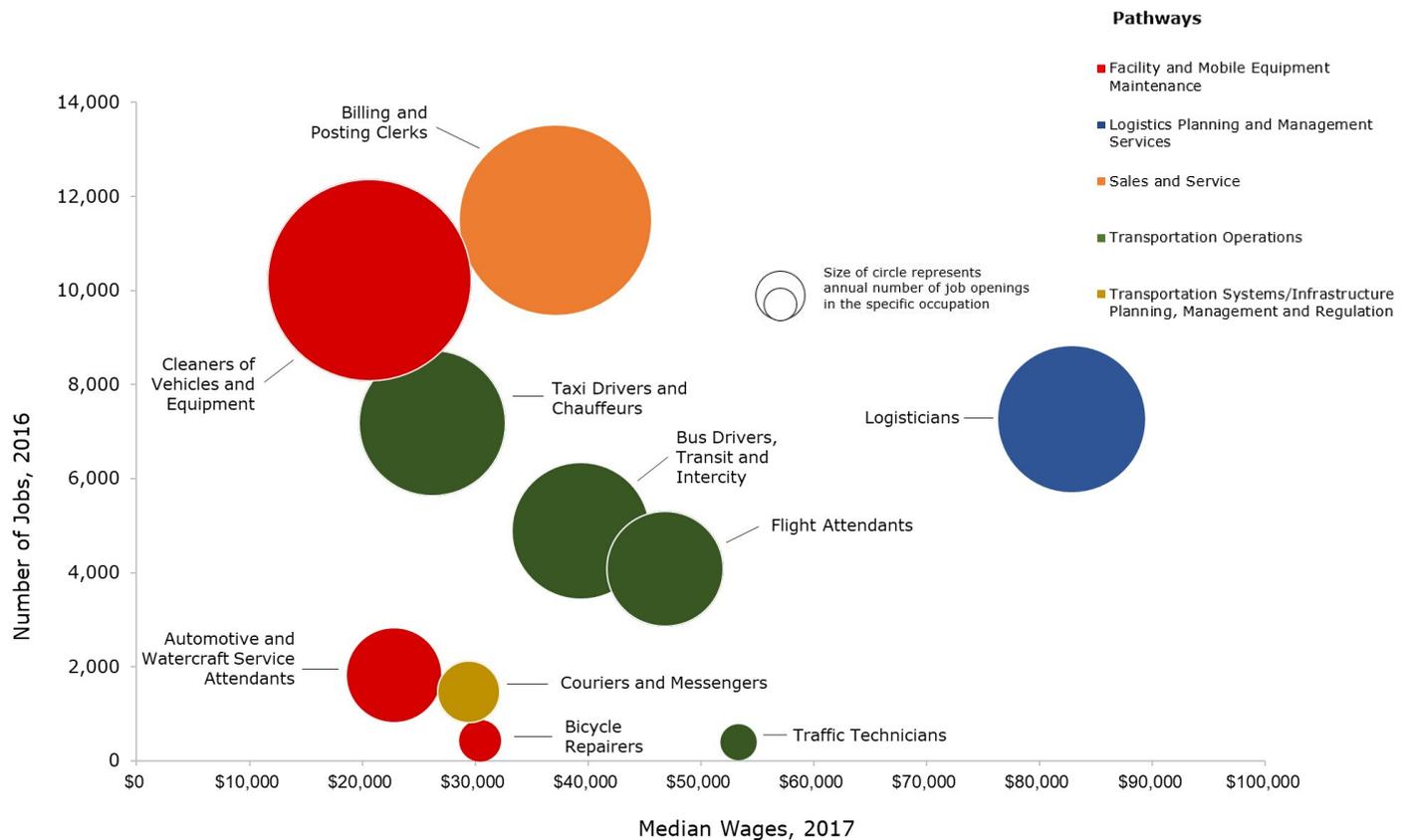


Figure 3: Earning and Growth for Selected Occupations in Virginia, 2016-2026



## Employment Growth by LWIA

The following Labor Workforce Investment Areas (LWIAs) will experience higher occupational growth rate in the Transportation, Distribution, & Logistics Cluster.

- Crater Area
- Bay Consortium
- Shenandoah Valley
- Northern Virginia
- Capital Region Workforce Partnership
- Greater Peninsula



## Nontraditional Occupations

### Nontraditional Occupations for Females

- Automated Body and Related Repairers
- Motor Vehicle Operators, All Other
- Taxi Drivers and Chauffeurs
- Transportation, Storage, and Distribution Managers

### Nontraditional Occupations for Males

- Billing and Posting Clerks