

PA High Priority Occupations Plotted with Student Industry Interest

The table below plots the 16 National Career Clusters, ranked by the number of High Priority Occupations within each cluster, next to student-industry-interest data. The Standard Occupational Classifications (SOC) were identified and counted for each of the national career clusters. SOCs rated as High Priority by the PA Department of Labor and Industry were counted for each of the career clusters. The clusters were ranked by the number of HPOs assigned to each cluster.

A survey was conducted of 9th graders visiting the Erie County Technical School. At the end of their visit, they were asked to select the national career cluster they were planning to pursue. Most students selected just one career cluster. Some students selected multiple clusters. All career cluster responses were recorded and used in the analysis.

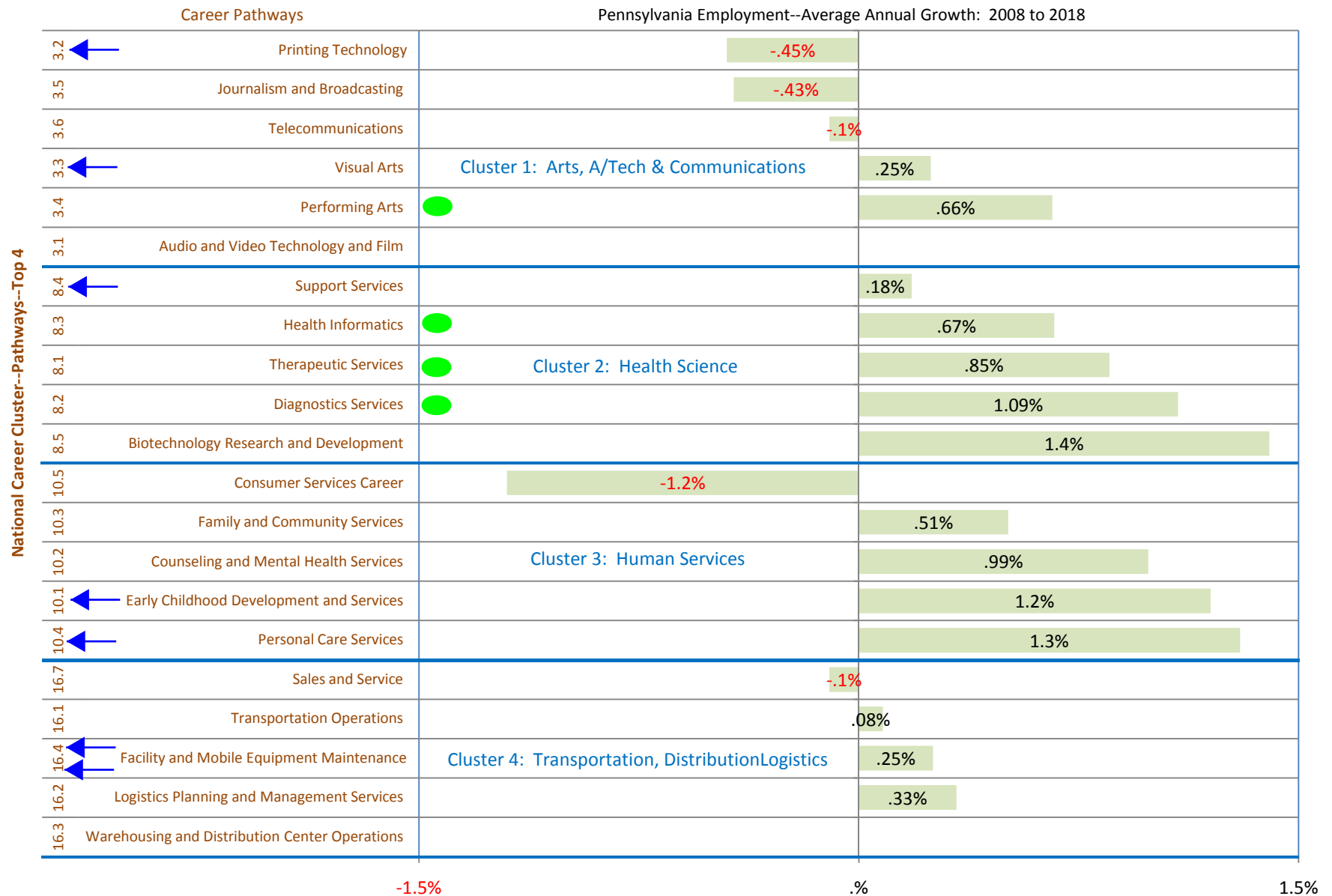
Number of High Priority Occupations	High		- Manufacturing - Architecture & Construction - Business Management & Administration	Health Science
	Medium	- Information Technology - Marketing - Finance	- Education & Training - Science, Technology, Engineering & Math - Agriculture, Food & Natural Resource	- Transportation, Distribution & Logistics - Human Services
	Low	Government & Public Administration	- Law, Public Safety, Corrections & Security - Hospitality & Tourism	Arts, A/V Tech & Communications
		Low	Medium	High
Student Interest				

High Opportunity Career Clusters
Somewhat High Opportunity Career Cluster
Medium Opportunity Career Clusters
Somewhat Low Opportunity Career Cluster
Low Opportunity Career Clusters

The 16 National Career Clusters

1. Agriculture, Food & Natural Resource
2. Architecture & Construction
3. Arts, A/V Tech & Communications
4. Business Management & Administration
5. Education & Training
6. Finance
7. Government & Public Administration
8. Health Science
9. Hospitality & Tourism
10. Human Services
11. Information Technology
12. Law, Public Safety, Corrections & Security
13. Manufacturing
14. Marketing
15. Science, Technology, Engineering & Math
16. Transportation, Distribution & Logistics

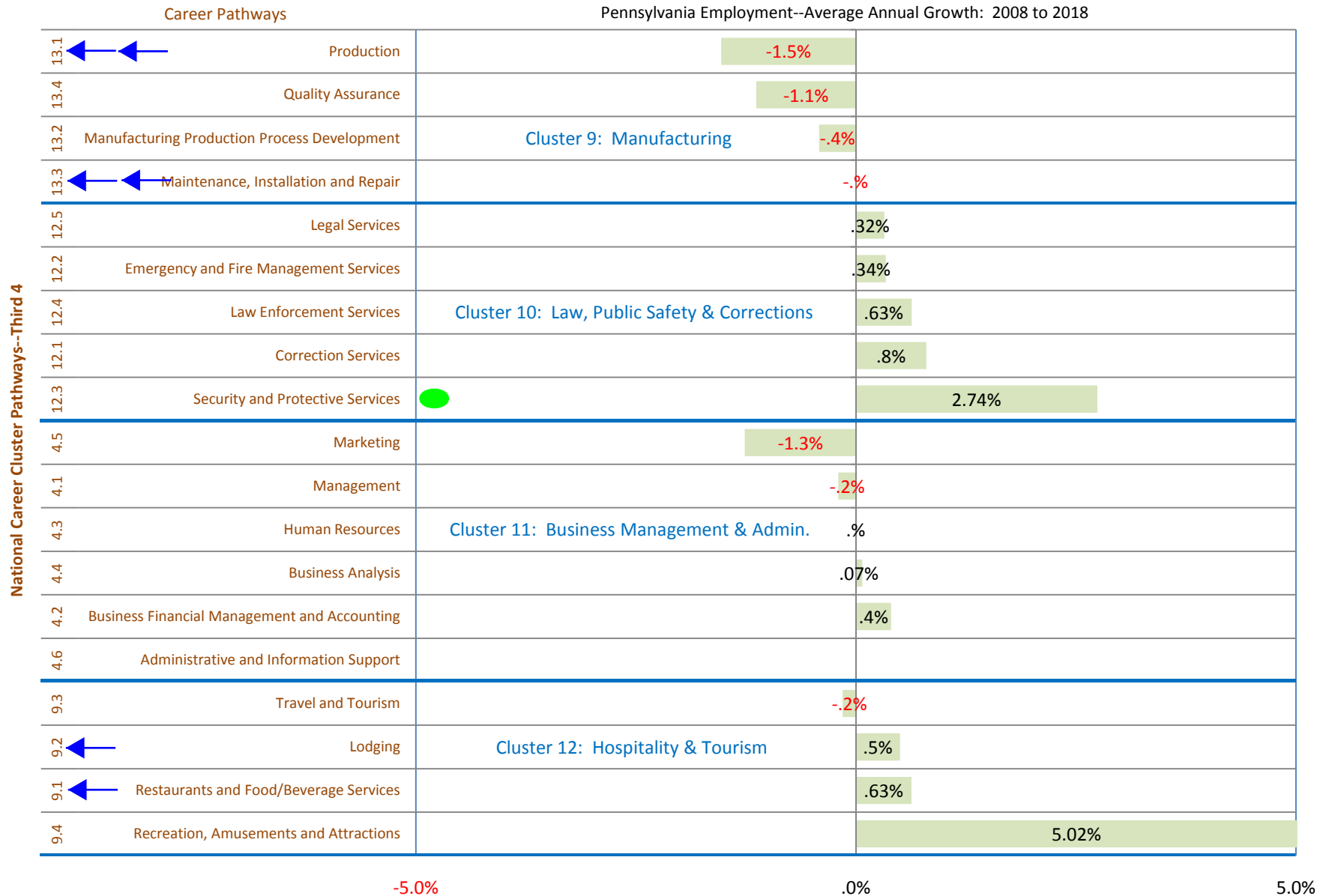
Erie County Technical School
Exploring Program Growth Opportunities
Student Industry Interest & PA Employment



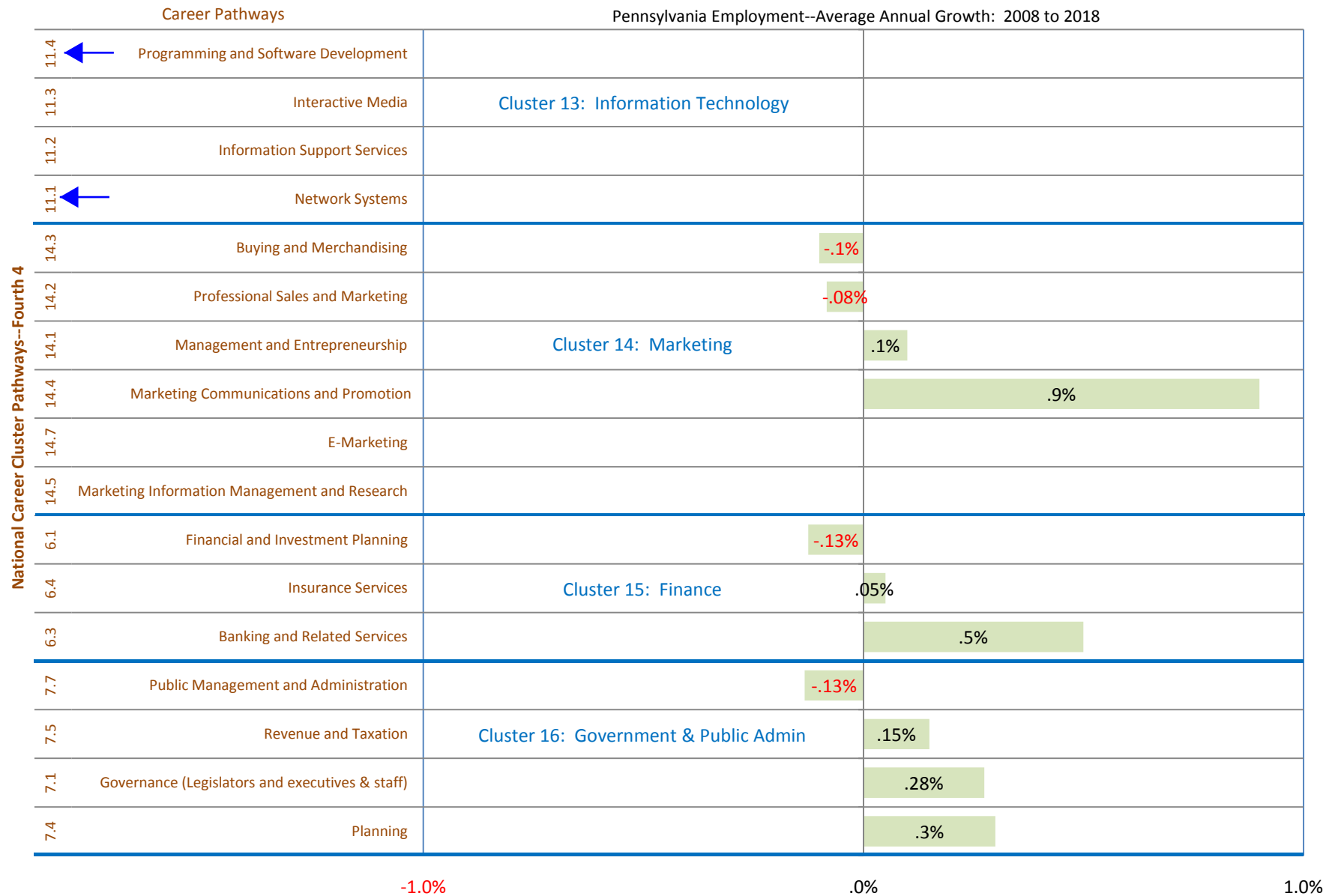
National Career Cluster Pathways--Top 4

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Erie County Technical School
Exploring Program Growth Opportunities
Student Industry Interest & PA Employment



Erie County Technical School
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Student Industry Interest & PA Employment



PA High Priority Occupations
Plotted with
Applications during 2011-2012

The table below plots the 16 National Career Clusters, ranked by the number of High Priority Occupations within each cluster, next to 2011-2012 application data. The Standard Occupational Classifications (SOC) were identified and counted for each of the national career clusters. SOCs rated as High Priority by the PA Department of Labor and Industry were counted for each of the career clusters. The clusters were ranked by the number of HPOs assigned to each cluster.

Number of High Priority Occupations	High	Architecture & Construction - Electrical Engineering - Facility Maintenance - Drafting & Design	Manufacturing - Precision Machining - Metal Fabrication Architecture & Construction - CNT	Health Science - Health Assistant
	Medium		Transportation, Distribution & Logistics - Auto Body Repair Information Technology - Computer Programming Science, Technology, Engineering & Math - Electronics	Education & Training - Early Childhood Education Transportation, Distribution & Logistics - Automotive Technologies Human Services - Cosmetology
	Low		Hospitality & Tourism - Tourism & Hospitality Mgmt Arts, A/V Tech & Communications - Graphic Communications	Hospitality & Tourism - Culinary Arts Arts, A/V Tech & Communications - Art & Design for Business
		Low	Medium	High
Student Interest				
High Opportunity Career Clusters				
Somewhat High Opportunity Career Cluster				
Medium Opportunity Career Clusters				
Somewhat Low Opportunity Career Cluster				
Low Opportunity Career Clusters				