



RI Occupational Cluster Analysis

March 2022

To assist the RI Department of Education in the evaluation of Career and Technical Education initiatives, the Governor's Workforce Board (GWB) has prepared a data summary and quadrant analysis for the state's twenty-two (22) occupational clusters.

This document provides median wages and projected annual openings by occupational cluster using the most current labor market data available.

The GWB does not recommend utilizing this tool as the sole source of data in decision-making processes regarding CTE programming.

The GWB recommends utilizing this tool in conjunction with other sources of information and input; considering factors including local area demand, wage rates, skill requirements, and growth potential within specific occupations and industries.

To view data on the individual occupations within each occupational cluster, please reference Appendix A or visit the Labor Market Information website at www.dlt.ri.gov/lmi

For information on school transportation regions, and to see how existing CTE programming and enrollment aligns with the twenty-two (22) occupational clusters, please reference Appendix B and Appendix C.

Appendix A: RI Occupational Projections 2018-2028

Appendix B: School Transportation Regions

Appendix C: CTE Data Mapping



Rhode Island Labor Market Data for the 2018 – 2028 Projection Period

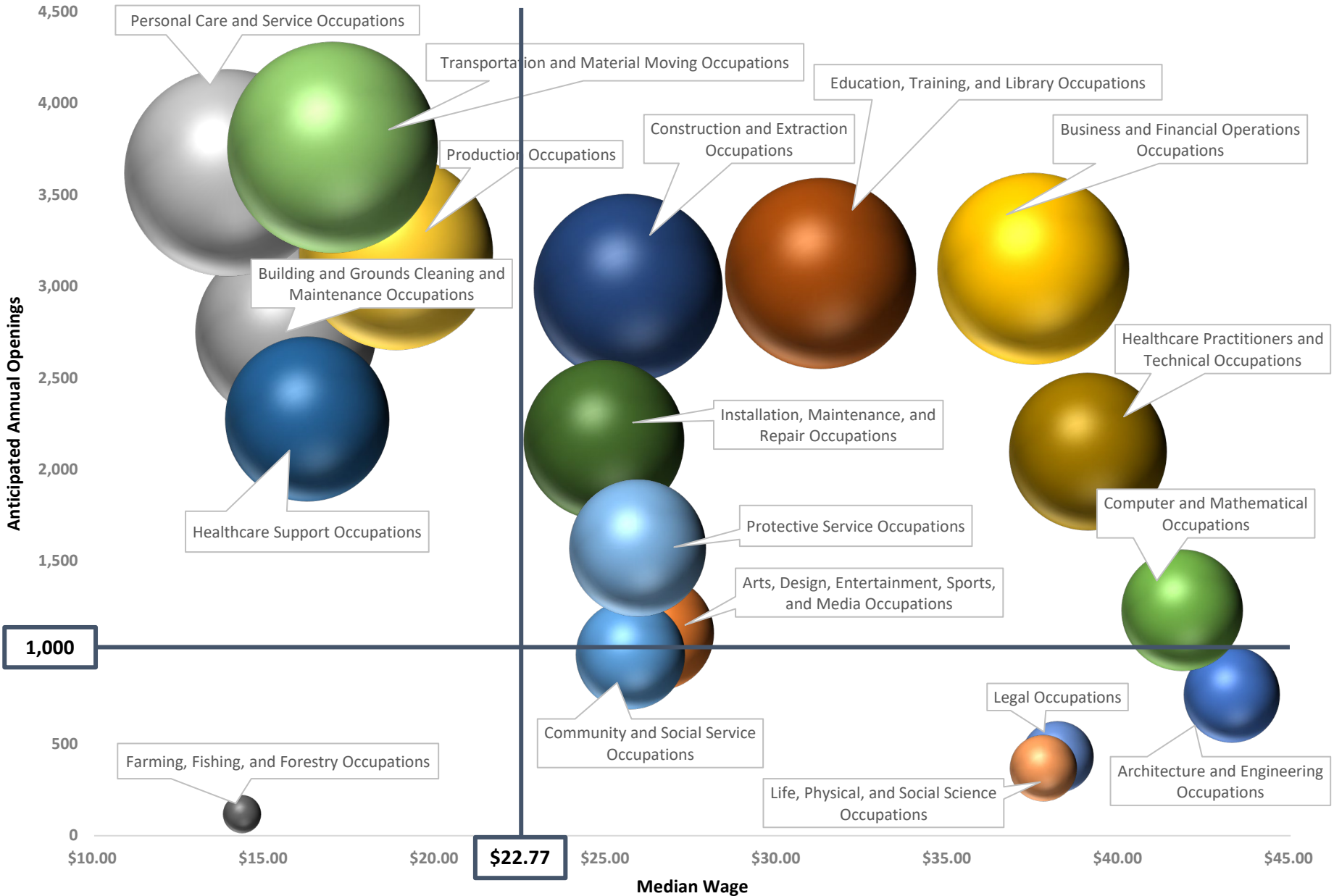
(next update will be issued in late 2022)

Rhode Island Occupational Clusters	Median Wage	Annual Job Openings	Market Share
Architecture and Engineering Occupations	\$43.27	771	1%
Arts, Design, Entertainment, Sports, and Media Occupations	\$26.44	1,106	2%
Building and Grounds Cleaning and Maintenance Occupations	\$15.60	2,752	4%
Business and Financial Operations Occupations	\$37.47	3,097	5%
Community and Social Service Occupations	\$25.69	989	2%
Computer and Mathematical Occupations	\$41.83	1,231	2%
Construction and Extraction Occupations	\$25.62	2,992	5%
Education, Training, and Library Occupations	\$31.25	3,069	5%
Farming, Fishing, and Forestry Occupations	\$14.32	118	0%
Food Preparation and Serving Related Occupations	\$12.77	9,326	15%
Healthcare Practitioners and Technical Occupations	\$39.07	2,098	3%
Healthcare Support Occupations	\$16.23	2,277	4%
Installation, Maintenance, and Repair Occupations	\$24.91	2,160	3%
Legal Occupations	\$38.18	431	1%
Life, Physical, and Social Science Occupations	\$37.77	368	1%
Management Occupations	\$61.73	2,288	4%
Office and Administrative Support Occupations	\$20.66	8,332	13%
Personal Care and Service Occupations	\$13.91	3,620	6%
Production Occupations	\$18.83	3,184	5%
Protective Service Occupations	\$25.90	1,571	3%
Sales and Related Occupations	\$16.16	7,086	11%
Transportation and Material Moving Occupations	\$16.97	3,760	6%

\$22.77	62,624	100%
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Rhode Island Occupational Cluster Bubble Chart

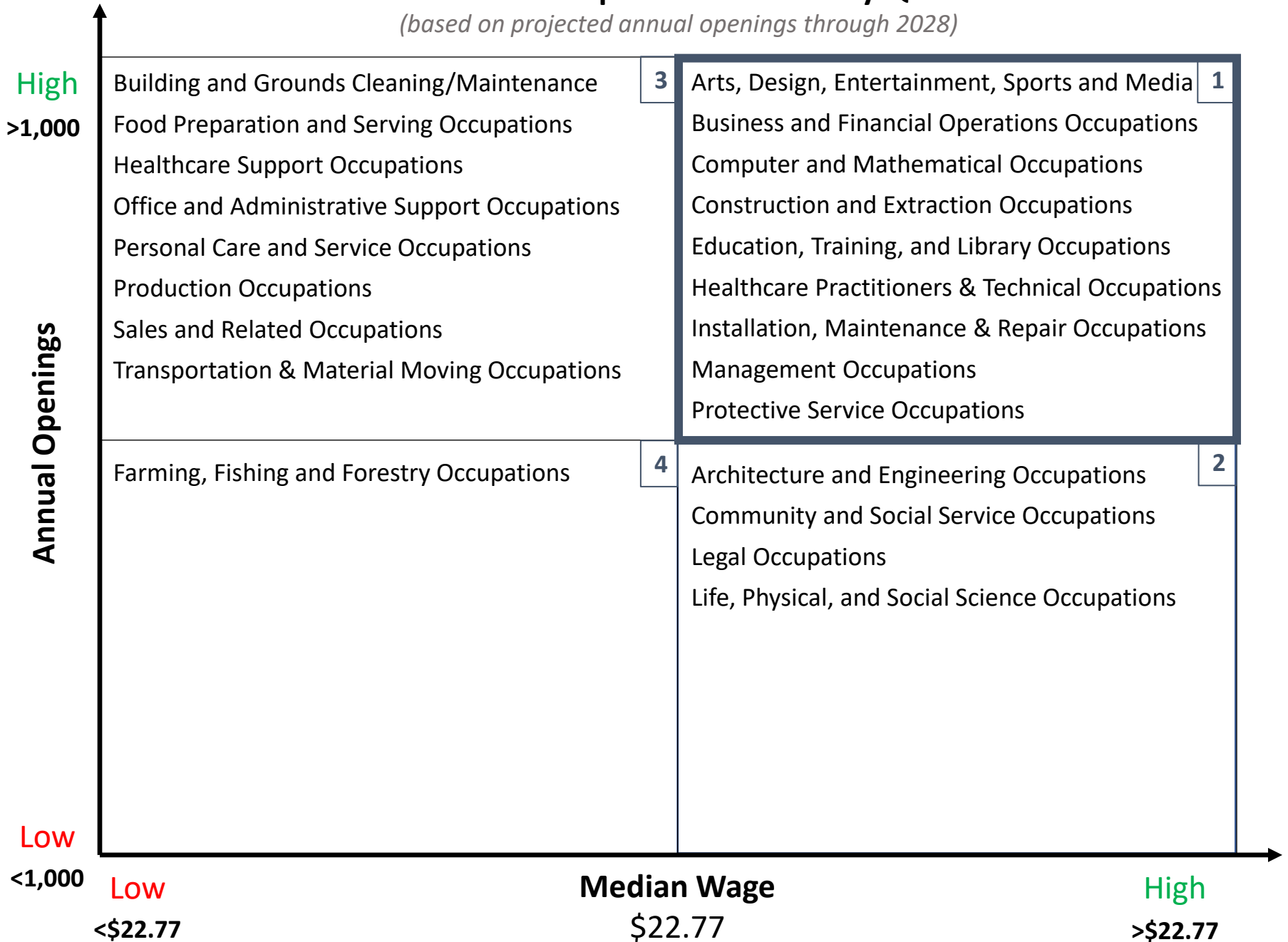
(excluding outliers)



Outliers: 1) Management Occupations 2) Food Preparation & Serving Occupations 3) Office & Administrative Support Occupations 4) Sales & Related Occupations

Rhode Island Occupational Clusters by Quadrant

(based on projected annual openings through 2028)



RI Labor Market Data for the 2018 – 2028 Projection Period by Quadrant

(next update will be issued in late 2022)

Rhode Island Occupational Clusters	Median Wage	Annual Job Openings	Market Share	Post-Secondary Degree Required?	Quadrant	Quadrant Characteristics
Arts, Design, Entertainment, Sports, and Media Occupations	\$26.44	1,106	2%	Yes	1	Median Wage: >\$22.77 Annual Openings: >1,000
Business and Financial Operations Occupations	\$37.47	3,097	5%	Yes	1	
Computer and Mathematical Occupations	\$41.83	1,231	2%	Yes	1	
Construction and Extraction Occupations	\$25.62	2,992	5%	No	1	
Education, Training, and Library Occupations	\$31.25	3,069	5%	Yes	1	
Healthcare Practitioners and Technical Occupations	\$39.07	2,098	3%	Yes	1	
Installation, Maintenance, and Repair Occupations	\$24.91	2,160	3%	No	1	
Management Occupations	\$61.73	2,288	4%	Yes	1	
Protective Service Occupations	\$25.90	1,571	3%	No	1	
Architecture and Engineering Occupations	\$43.27	771	1%	Yes	2	Median Wage: >\$22.77 Annual Openings: <1,000
Community and Social Service Occupations	\$25.69	989	2%	Yes	2	
Legal Occupations	\$38.18	431	1%	Yes	2	
Life, Physical, and Social Science Occupations	\$37.77	368	1%	Yes	2	Median Wage: <\$22.77 Annual Openings: >1,000
Building and Grounds Cleaning & Maintenance Occupations	\$15.60	2,752	4%	No	3	
Food Preparation and Serving Related Occupations	\$12.77	9,326	15%	No	3	
Healthcare Support Occupations	\$16.23	2,277	4%	No	3	
Office and Administrative Support Occupations	\$20.66	8,332	13%	No	3	
Personal Care and Service Occupations	\$13.91	3,620	6%	No	3	
Production Occupations	\$18.83	3,184	5%	No	3	
Sales and Related Occupations	\$16.16	7,086	11%	No	3	
Transportation and Material Moving Occupations	\$16.97	3,760	6%	No	3	
Farming, Fishing, and Forestry Occupations	\$14.32	118	0%	No	4	Median Wage: <\$22.77 Annual Openings: <1,000

\$22.77	62,624	100%
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