



Rhode Island Occupational Cluster Analysis

August 2023

To assist the Rhode Island Department of Education and other state agencies in the evaluation of Career and Technical Education (CTE) and workforce programming needs, the Governor's Workforce Board has prepared a data summary and quadrant analysis for Rhode Island's twenty-two (22) major occupation groups or "occupational clusters."

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

The Board does not recommend utilizing this tool as the sole source of data in decision-making processes; but in conjunction with other sources of information and input; and in consideration of factors including local area demand and growth potential within specific occupations and industries.

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

For information on school transportation regions, and to see how current CTE programs and enrollment align with the clusters, please reference Appendix C and Appendix D.

Appendix A: Statewide Current Employment & Wage Rates by Occupation

Appendix B: Statewide Projected Annual Job Openings by Occupation

Appendix C: Statewide School Transportation Regions

Appendix D: CTE Programs by Occupational Cluster & School Transportation Region

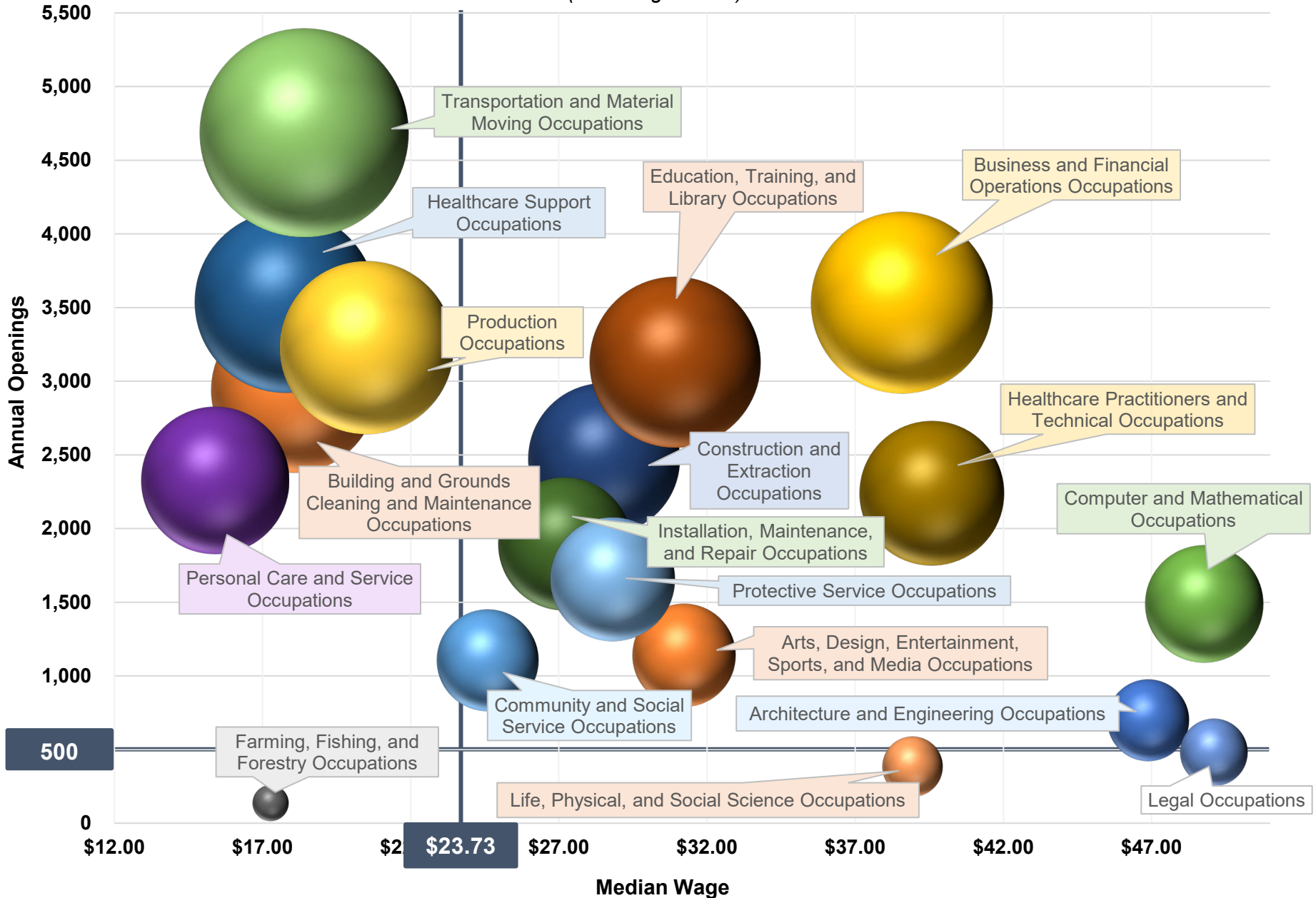
Rhode Island Labor Market Data

Rhode Island Occupational Clusters	Median Wage	Estimated Annual Job Openings	Market Share
Architecture and Engineering Occupations	\$46.89	700	1%
Arts, Design, Entertainment, Sports, and Media Occupations	\$31.23	1,141	2%
Building and Grounds Cleaning and Maintenance Occupations	\$18.06	2,940	5%
Business and Financial Operations Occupations	\$38.57	3,534	6%
Community and Social Service Occupations	\$24.59	1,106	2%
Computer and Mathematical Occupations	\$48.77	1,489	2%
Construction and Extraction Occupations	\$28.53	2,471	4%
Education, Training, and Library Occupations	\$30.93	3,130	5%
Farming, Fishing, and Forestry Occupations	\$17.28	136	0%
Food Preparation and Serving Related Occupations	\$13.94	8,728	14%
Healthcare Practitioners and Technical Occupations	\$39.58	2,242	4%
Healthcare Support Occupations	\$17.77	3,537	6%
Installation, Maintenance, and Repair Occupations	\$27.21	1,897	3%
Legal Occupations	\$49.09	482	1%
Life, Physical, and Social Science Occupations	\$38.93	384	1%
Management Occupations	\$61.15	2,225	4%
Office and Administrative Support Occupations	\$22.24	6,710	11%
Personal Care and Service Occupations	\$15.41	2,327	4%
Production Occupations	\$20.52	3,230	5%
Protective Service Occupations	\$28.82	1,657	3%
Sales and Related Occupations	\$17.65	6,638	11%
Transportation and Material Moving Occupations	\$18.42	4,687	8%

\$23.73	61,391	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

High
>500

Annual Openings

Low
<500

3
 Building and Grounds Cleaning/Maintenance
 Food Preparation and Serving Occupations
 Healthcare Support Occupations
 Office and Administrative Support Occupations
 Personal Care and Service Occupations
 Production Occupations
 Sales and Related Occupations
 Transportation & Material Moving Occupations

1
 Architecture and Engineering Occupations
 Arts, Design, Entertainment, Sports and Media
 Business and Financial Operations Occupations
 Community and Social Service Occupations
 Computer and Mathematical Occupations
 Construction and Extraction Occupations
 Education, Training, and Library Occupations
 Healthcare Practitioners & Technical Occupations
 Installation, Maintenance & Repair Occupations
 Management Occupations
 Protective Service Occupations

4
 Farming, Fishing and Forestry Occupations

2
 Legal Occupations
 Life, Physical, and Social Science Occupations

Low
<\$23.73

Median Wage
\$23.73

High
>\$23.73

Summary of Occupational Clusters by Quadrant

Rhode Island Occupational Clusters	Median Wage	Annual Job Openings	Post-Secondary Degree Typically Required?	Quadrant	Quadrant Characteristics
Architecture and Engineering Occupations	\$46.89	700	Yes	1	Median Wage: >\$23.73 Annual Openings: >500
Arts, Design, Entertainment, Sports, and Media Occupations	\$31.23	1,141	Yes	1	
Business and Financial Operations Occupations	\$38.57	3,534	Yes	1	
Community and Social Service Occupations	\$24.59	1,106	Yes	1	
Computer and Mathematical Occupations	\$48.77	1,489	Yes	1	
Construction and Extraction Occupations	\$28.53	2,471	No	1	
Education, Training, and Library Occupations	\$30.93	3,130	Yes	1	
Healthcare Practitioners and Technical Occupations	\$39.58	2,242	Yes	1	
Installation, Maintenance, and Repair Occupations	\$27.21	1,897	No	1	
Management Occupations	\$61.15	2,225	Yes	1	
Protective Service Occupations	\$28.82	1,657	No	1	
Legal Occupations	\$49.09	482	Yes	2	Median Wage: >\$23.73 Annual Openings: <500
Life, Physical, and Social Science Occupations	\$38.93	384	Yes	2	
Building/Grounds Cleaning and Maintenance Occupations	\$18.06	2,940	No	3	Median Wage: <\$23.73 Annual Openings: >500
Food Preparation and Serving Related Occupations	\$13.94	8,728	No	3	
Healthcare Support Occupations	\$17.77	3,537	No	3	
Office and Administrative Support Occupations	\$22.24	6,710	No	3	
Personal Care and Service Occupations	\$15.41	2,327	No	3	
Production Occupations	\$20.52	3,230	No	3	
Sales and Related Occupations	\$17.65	6,638	No	3	
Transportation and Material Moving Occupations	\$18.42	4,687	No	3	
Farming, Fishing, and Forestry Occupations	\$17.28	136	No	4	Median Wage: <\$23.73 Annual Openings: <500

\$23.73	61,391
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