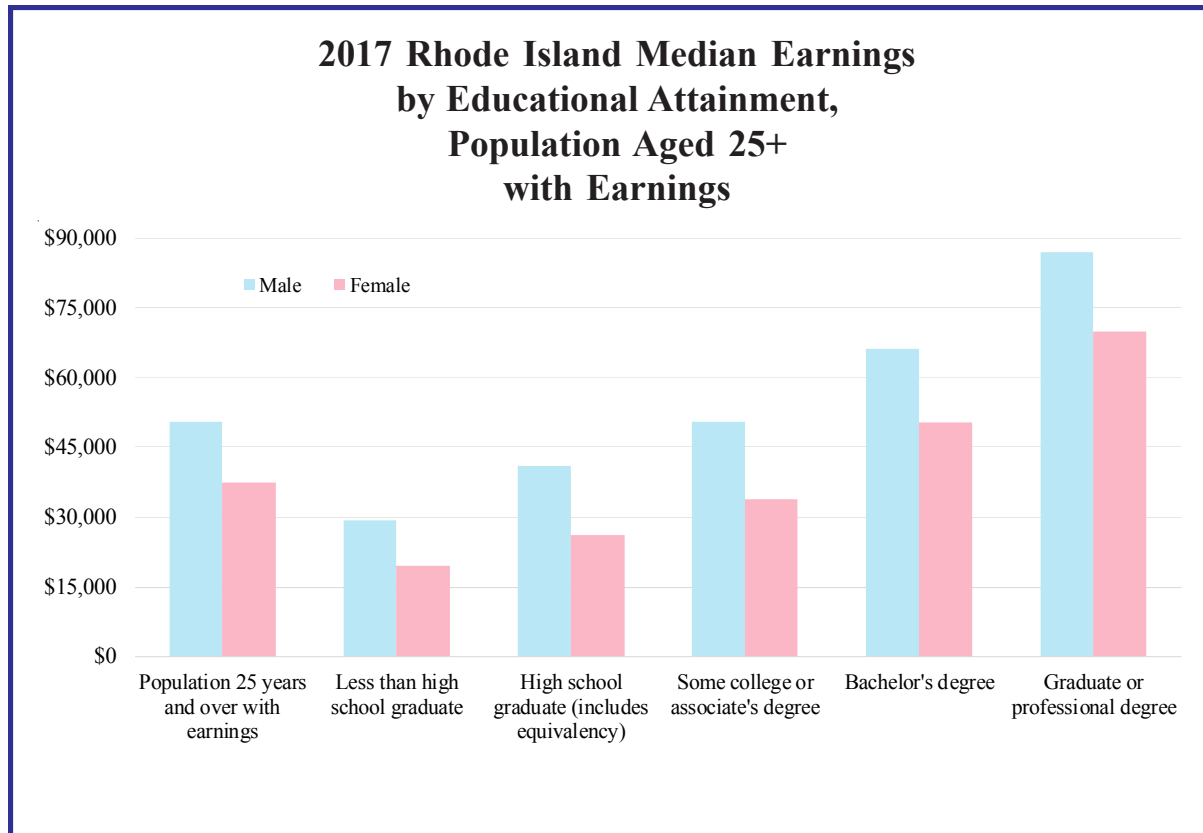


# Occupational Employment by Gender



In 2017, Rhode Island’s male residents (aged 16+) earned a median annual wage of \$46,801. In comparison, Rhode Island’s female residents earned a median annual wage of \$33,095. Wages for both groups varied based on occupation and educational attainment levels. Legal occupations paid the highest wages, averaging \$92,016 for male workers while female workers earned an average annual salary of \$70,113. Earnings for both groups were the lowest in Food Preparation & Serving Related occupations where male workers earned an annual average of \$18,506 and female workers earned an annual average of \$12,334.

Men and women both benefit from higher levels of education, where wages ranged from a low of \$29,326 for men and \$19,427 for women with less than a high school education to \$87,016 for men and \$69,947 for women with advanced degrees.

US Census data show there is often a clear difference between the career choices of men and women. While men dominate Construction, Installation, Maintenance & Repair, and Architectur & Engineering occupations; women represent higher percentages of the workers in Health Care, Personal Care & Service and Office Administration occupations.

## Male-Dominated Occupations in Rhode Island, 2017

Occupation	Wages - All Workers		Educational Requirement
	Hourly	Annual	
<b>First-Line Supervisor &amp; Manager of Fire Fighting &amp; Prevention Workers</b> Directly supervise and coordinate activities of workers engaged in fire fighting and fire prevention and control.	\$35.27	\$73,370	Postsecondary non-degree award
<b>Fire Fighters</b> Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.	\$28.10	\$58,450	Postsecondary non-degree award
<b>First-Line Supervisor &amp; Manager of Landscaping</b> Directly supervise and coordinate activities of workers engaged in landscaping or groundskeeping activities. Work may involve reviewing contracts to ascertain service, machine, and workforce requirements; answering inquiries from potential customers regarding methods, material, and price ranges; and preparing estimates according to labor, material, and machine costs.	\$27.13	\$56,420	High school diploma or equivalent
<b>Painters, Construction &amp; Maintenance</b> Paint walls, equipment, buildings, bridges, and other structural surfaces, using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency. Excludes Paperhangers (47-2142).	\$18.85	\$39,200	No formal educational credential
<b>Helpers--Pipelayer, Plumber, Pipefitters &amp; Steamfitters</b> Help plumbers, pipefitters, steamfitters, or pipelayers by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment. Construction laborers who do not primarily assist plumbers, pipefitters, steamfitters, or pipelayers are classified under Construction Laborers (47-2061). Apprentice workers are classified with the appropriate skilled construction trade occupation (47-2011 through 47-2231).	\$14.16	\$29,440	High school diploma or equivalent
<b>Construction Laborers</b> Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris and other waste materials. May assist other craft workers. Construction laborers who primarily assist a particular craft worker are classified under Helpers, Construction Trades (47-3010). Excludes Hazardous Materials Removal Workers (47-4041).	\$19.39	\$40,320	No formal educational credential
<b>Automotive Service Technicians &amp; Mechanics</b> Diagnose, adjust, repair, or overhaul automotive vehicles. Excludes Automotive Body and Related Repairers (49-3021), Bus and Truck Mechanics and Diesel Engine Specialists (49-3031), and Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096).	\$18.80	\$39,100	Postsecondary non-degree award
<b>Printing Press Operators</b> Set up and operate digital, letterpress, lithographic, flexographic, gravure, or other printing machines. Includes short-run offset printing presses.	\$20.04	\$41,690	High school diploma or equivalent
<b>Carpenters</b> Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.	\$22.82	\$47,470	High school diploma or equivalent
<b>Water &amp; Wastewater Treatment Plant &amp; System Operators</b> Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater.	\$24.99	\$51,970	High school diploma or equivalent
<b>Landscaping &amp; Groundskeeping Worker</b> Landscape or maintain grounds of property using hand or power tools or equipment. Workers typically perform a variety of tasks, which may include any combination of the following: sod laying, mowing, trimming, planting, watering, fertilizing, digging, raking, sprinkler installation, and installation of mortarless segmental concrete masonry wall units. Excludes Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092).	\$15.22	\$31,660	No formal educational credential
<b>Carpenters</b> Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.	\$22.82	\$47,470	High school diploma or equivalent
<b>Driver/Sales Workers</b> Drive truck or other vehicle over established routes or within an established territory and sell or deliver goods, such as food products, including restaurant take-out items, or pick up or deliver items such as commercial laundry. May also take orders, collect payment, or stock merchandise at point of delivery. Includes newspaper delivery drivers. Excludes Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091) and Light Truck or Delivery Services Drivers (53-3033).	\$11.47	\$23,860	High school diploma or equivalent
<b>Construction Laborers</b> Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris and other waste materials. May assist other craft workers. Construction laborers who primarily assist a particular craft worker are classified under Helpers, Construction Trades (47-3010). Excludes Hazardous Materials Removal Workers (47-4041).	\$19.39	\$40,320	No formal educational credential
<b>Laborers &amp; Freight, Stock &amp; Material Movers, Hand</b> Manually move freight, stock, or other materials or perform other general labor. Includes all manual laborers not elsewhere classified. Excludes Material Moving Workers (53-7011 through 53-7199) who use power equipment. Excludes Construction Laborers (47-2061) and Helpers, Construction Trades (47-3011 through 47-3019).	\$12.85	\$26,730	No formal educational credential
<b>First-Line Supervisors of Construction Trades &amp; Extraction Workers</b> Directly supervise and coordinate activities of construction or extraction workers.	\$34.74	\$72,250	High school diploma or equivalent
<b>Electricians</b> Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems. Excludes Security and Fire Alarm Systems Installers (49-2098).	\$27.42	\$57,020	High school diploma or equivalent
<b>Surveying and Mapping Technicians</b> Perform surveying and mapping duties, usually under the direction of an engineer, surveyor, cartographer, or photogrammetrist to obtain data used for construction, mapmaking, boundary location, mining, or other purposes. May calculate mapmaking information and create maps from source data, such as surveying notes, aerial photography, satellite data, or other maps to show topographical features, political boundaries, and other features. May verify accuracy and completeness of maps. Excludes Surveyors (17-1022), Cartographers and Photogrammetrists (17-1021), and Geoscientists, Except Hydrologists and Geographers (19-2042).			High school diploma or equivalent
<b>Software Developers, Applications</b> Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.	\$43.87	\$91,250	Bachelor's degree
<b>First-Line Supervisors of Police &amp; Detectives</b> Directly supervise and coordinate activities of members of police force.	\$38.06	\$79,150	High school diploma or equivalent

A selection of occupations of which at least 80 percent of the workers are men.

Sources: US Bureau, 2017 American Community Survey 1-Year Estimates

Rhode Island Department of Labor & Training, Labor Market Information in cooperation with the Bureau of Labor Statistics, Occupational Employment Statistics (OES)

## Female-Dominated Occupations in Rhode Island, 2017

Occupation	Wages - All Workers		Educational Requirement
	Hourly	Annual	
<b>Preschool Teachers, Except Special Education (25-2011)</b>	<b>\$15.66</b>	<b>\$32,570</b>	<b>Associate's degree</b>
Instruct preschool-aged children in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification. Substitute teachers are included in Substitute Teachers (25-3098). Excludes Childcare Workers (39-9011) and Special Education Teachers (25-2050).			
<b>Child Care Workers (39-9011)</b>	<b>\$12.67</b>	<b>\$26,360</b>	<b>High school diploma or equivalent</b>
Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play. Excludes Preschool Teachers, Except Special Education (25-2011) and Teacher Assistants (25-9041).			
<b>Executive Secretaries &amp; Administrative Assistants (43-6011)</b>	<b>\$29.93</b>	<b>\$62,250</b>	<b>High school diploma or equivalent</b>
Provide high-level administrative support by conducting research, preparing statistical reports, handling information requests, and performing clerical functions such as preparing correspondence, receiving visitors, arranging conference calls, and scheduling meetings. May also train and supervise lower-level clerical staff. Excludes Secretaries (43-6012 through 43-6014).			
<b>Nursing Assistants (31-1014)</b>	<b>\$14.68</b>	<b>\$30,540</b>	<b>Postsecondary non-degree award</b>
Provide basic patient care under direction of nursing staff. Perform duties such as feed, bathe, dress, groom, or move patients, or change linens. May transfer or transport patients. Includes nursing care attendants, nursing aides, and nursing attendants. Excludes Home Health Aides (31-1011), Orderlies (31-1015), Personal Care Aides (39-9021), and Psychiatric Aides (31-1013).			
<b>Home Health Aides (31-1011)</b>	<b>\$13.68</b>	<b>\$28,450</b>	<b>High school diploma or equivalent</b>
Provide routine individualized healthcare such as changing bandages and dressing wounds, and applying topical medications to the elderly, convalescents, or persons with disabilities at the patient's home or in a care facility. Monitor or report changes in health status. May also provide personal care such as bathing, dressing, and grooming of patient.			
<b>Registered Nurses (29-1141)</b>	<b>\$36.85</b>	<b>\$76,650</b>	<b>Bachelor's degree</b>
Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. Includes Clinical Nurse Specialists. Excludes Nurse Anesthetists (29-1151), Nurse Midwives (29-1161), and Nurse Practitioners (29-1171).			
<b>Bookkeeping, Accounting &amp; Auditing Clerks (43-3031)</b>	<b>\$20.65</b>	<b>\$42,940</b>	<b>Some college, no degree</b>
Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers. Excludes Payroll and Timekeeping Clerks (43-3051).			
<b>Librarians (25-4021)</b>	<b>\$31.73</b>	<b>\$66,000</b>	<b>Master's degree</b>
Administer libraries and perform related library services. Work in a variety of settings, including public libraries, educational institutions, museums, corporations, government agencies, law firms, non-profit organizations, and healthcare providers. Tasks may include selecting, acquiring, cataloguing, classifying, circulating, and maintaining library materials; and furnishing reference, bibliographical, and readers' advisory services. May perform in-depth, strategic research, and synthesize, analyze, edit, and filter information. May set up or work with databases and information systems to catalogue and access information.			
<b>Curators (25-4012)</b>	<b>\$31.95</b>	<b>\$66,450</b>	<b>Master's degree</b>
Administer collections, such as artwork, collectibles, historic items, or scientific specimens of museums or other institutions. May conduct instructional, research, or public service activities of institution.			
<b>Archivists (25-4011)</b>	<b>\$31.03</b>	<b>\$64,540</b>	<b>Master's degree</b>
Appraise, edit, and direct safekeeping of permanent records and historically valuable documents. Participate in research activities based on archival materials.			
<b>All Other Special Education Teachers (25-2059)</b>	<b>n/a</b>	<b>\$75,220</b>	<b>Bachelor's degree</b>
All special education teachers not listed separately. Substitute teachers are included in Substitute Teachers (25-3098).			
<b>All Other Information &amp; Record Clerks (43-4199)</b>	<b>\$21.88</b>	<b>\$45,520</b>	<b>High school diploma or equivalent</b>
All information and record clerks not listed separately.			
<b>First-Line Supervisor &amp; Manager of Personal Service (39-1021)</b>	<b>\$18.17</b>	<b>\$37,790</b>	<b>High school diploma or equivalent</b>
Directly supervise and coordinate activities of personal service workers, such as flight attendants, hairdressers, or caddies.			
<b>Middle School Teachers, Except Special Education (25-2022)</b>	<b>n/a</b>	<b>\$65,540</b>	<b>Bachelor's degree</b>
Teach students in one or more subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school as defined by applicable laws and regulations. Substitute teachers are included in Substitute Teachers (25-3098). Excludes Career/Technical Education Teachers, Middle School (25-2023) and Special Education Teachers (25-2050).			
<b>Cashiers (41-2011)</b>	<b>\$11.60</b>	<b>\$24,130</b>	<b>No formal educational credential</b>
Receive and disburse money in establishments other than financial institutions. May use electronic scanners, cash registers, or related equipment. May process credit or debit card transactions and validate checks. Excludes Gaming Cage Persons and Booth Cashiers (41-2012).			
<b>Waiters and Waitresses (35-3031)</b>	<b>\$12.37</b>	<b>\$25,720</b>	<b>No formal educational credential</b>
Take orders and serve food and beverages to patrons at tables in dining establishment. Excludes Counter Attendants, Cafeteria, Food Concession, and Coffee Shop (35-3022).			
<b>All Other Health Technologists and Technicians (29-2099)</b>	<b>\$26.43</b>	<b>\$54,970</b>	<b>Postsecondary non-degree award</b>
All health technologists and technicians not listed separately.			
<b>Passenger Attendants (53-6061)</b>			
Provide services to ensure the safety of passengers aboard ships, buses, trains, or within the station or terminal. Perform duties such as explaining the use of safety equipment, serving meals or beverages, or answering questions related to travel. Excludes Baggage Porters and Bellhops (39-6011) and Flight Attendants (53-2031).			
<b>Customer Service Representatives (43-4051)</b>	<b>\$18.49</b>	<b>\$38,460</b>	<b>High school diploma or equivalent</b>
Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. Excludes individuals whose duties are primarily installation, sales, or repair.			

A selection of occupations of which at least 70 percent of the workers are women.

Sources: US Bureau, 2017 American Community Survey 1-Year Estimates

Rhode Island Department of Labor & Training, Labor Market Information in cooperation with the Bureau of Labor Statistics, Occupational Employment Statistics (OES)

## 2017 Summary of Rhode Island Occupations by Gender by Major Standard Occupational Classification Group

SOC Code	Major Occupational Group	Percent of Occupational Group		Median Earnings	
		Male	Female	Male	Female
10-0000	Civilian Employed Population, aged 16 years & over	51.2%	48.8%	\$46,801	\$33,095
11-0000	Management Occupations	58.2%	41.8%	\$86,075	\$65,494
13-0000	Business & Financial Operations Occupations	45.3%	54.7%	\$62,069	\$58,502
15-0000	Computer & Mathematical Occupations	80.7%	19.3%	\$81,781	\$51,673
17-0000	Architecture & Engineering Occupations	88.8%	11.2%	\$86,465	\$62,245
19-0000	Life, Physical Science, & Social Science Occupations	66.8%	33.2%	\$51,649	\$46,977
21-0000	Community & Social Services Occupations	38.1%	61.9%	\$36,877	\$45,898
23-0000	Legal Occupations	40.2%	59.8%	\$92,016	\$70,113
25-0000	Education, Training, & Library Occupations	30.9%	69.1%	\$65,962	\$51,993
27-0000	Arts, Design, Entertainment, Sports, & Media Occupations	59.1%	40.9%	\$49,793	\$33,624
29-0000	Healthcare Practitioners & Technical Occupations	23.8%	76.2%	\$70,630	\$62,449
31-0000	Healthcare Support Occupations	11.4%	88.6%	\$51,927	\$25,377
33-0000	Protective Service Occupations	81.9%	18.1%	\$64,627	\$30,781
35-0000	Food Preparation & Serving Related Occupations	42.8%	57.2%	\$18,506	\$12,334
37-0000	Building & Grounds Cleaning & Maintenance Occupations	72.8%	27.2%	\$27,351	\$18,094
39-0000	Personal Care & Service Occupations	20.4%	79.6%	\$30,607	\$16,838
41-0000	Sales & Related Occupations	48.3%	51.7%	\$49,834	\$19,627
43-0000	Office & Administrative Support Occupations	29.1%	70.9%	\$34,833	\$35,202
45-0000	Farming, Fishing, & Forestry Occupations	61.6%	38.4%	\$28,582	*
47-0000	Construction & Extraction Occupations	96.6%	3.4%	\$46,730	\$19,044
49-0000	Installation, Maintenance, & Repair Occupations	95.0%	5.0%	\$42,168	*
51-0000	Production Occupations	74.3%	25.7%	\$45,149	\$21,696
53-0000	Transportation & Material Moving Occupations:				
	Transportation Occupations	79.3%	20.7%	\$31,994	\$17,186
	Material Moving Occupations	74.5%	25.5%	\$21,725	\$21,000

\*State suppressed due to margin of error.

**SOC Code-** The Standard Occupational Classification (SOC) system, which is used by all Federal statistical agencies for reporting occupational data, consists of 840 detailed occupations, grouped into 461 broad occupations, 97 minor groups, and 23 major groups.



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