

# Jobs Requiring Vocational Training or Work Experience

## Rhode Island's Outlook for 2016

Over the 2006 - 2016 decade, employment in Rhode Island is projected to increase by nearly 48,000 jobs, or 9.1 percent, slightly less than the 10.7 percent growth rate experience during the 1996-2006 decade.

Employment in Rhode Island is projected to grow at all education and skill levels, from jobs requiring on-the-job training to those requiring advanced degrees. During the projection period, it is estimated that employers will need to find workers to fill over 171,000 job openings. Job openings result from the need to replace workers who leave an occupation and from the need to fill vacancies created by business expansion. Over 30 percent of the projected job openings are attributed to the economic growth that is expected to occur during the projection period. The remaining job openings are due to replacement needs resulting from employee turnover.

Approximately 12 percent of the job openings that are expected during the ten year projection period are likely to occur among jobs requiring either postsecondary vocational training or work experience in a related occupation. Postsecondary vocational training certificates from vocational schools can take from a few weeks to over a year to obtain. Previous experience refers to the time spent gaining work experience in related occupations or activities required for the competent performance of the tasks in an occupation. These training categories cover a wide variety of interests and potential career choices.

In general, vocational training is the minimum level of training needed for many occupations in the growing health care field. Workers can enter as Nursing Aides, Orderlies & Attendants; Licensed Practical & Vocational

Nurses; Dietetic Technicians; Emergency Medical Technicians & Paramedics; or Medical Transcriptionists; which are all expected to add jobs during the 2006-2016 projection period. Median wages for these occupations range from \$12.86 per hour for Nursing Aides, Orderlies, & Attendants to \$22.73 per hour for Licensed Practical & Licensed Vocational Nurses.

Other occupations requiring vocational training include Automotive Service Technicians & Mechanics; Hairdressers, Hairstylists & Cosmetologists; Fitness Trainers & Aerobics Instructors; and Welders. Reported wages (median) range from \$10.32 an hour for Manicurist & Pedicurist to \$26.18 an hour for Electrical & Electronics Repairers (Commercial & Industrial Equipment). The median hourly wage for jobs requiring postsecondary vocational training is \$15.75.

First-Line Supervisors are the most common occupations requiring work experience in a related occupation. More than half of total annual openings for jobs requiring work experience in a related occupation are expected to occur among First-Line Supervisors. Median hourly wages for First-Line Supervisors range from \$16.01 for First Line Supervisor of Food Preparation & Serving Workers to a high of \$37.93 for Industrial Production Managers. The median hourly wage for jobs requiring work experience in a related occupation is \$25.74.

### Employment in Jobs Requiring Postsecondary Vocational Training or Work Experience in a Related Occupation

	2006 Estimated Employment	2016 Projected Employment	Annual Openings due to Growth Replacement	Total Annual Openings
<b>Total, All Occupations*</b>	<b>522,911</b>	<b>570,461</b>	<b>5,415</b>	<b>11,736</b>
<b>Employment in Jobs Requiring Vocational Training or Work Experience</b>	<b>76,384</b>	<b>83,379</b>	<b>752</b>	<b>2,129</b>
Work experience in a related occupation	44,877	48,179	357	1,217
Postsecondary vocational training	31,507	35,200	395	912

\* Includes wage and salary workers, self-employed, unpaid family members, agricultural, and private household.

## Jobs Requiring Postsecondary Vocational Training

Occupational Title	Employment		Annual Openings			Median Wage
	2006	2016	Growth	Replacement	Total	
Nursing Aides, Orderlies, & Attendants	8,731	10,517	179	78	257	\$12.86
Licensed Practical & Licensed Vocational Nurses	2,001	2,303	30	55	85	\$22.73
Automotive Service Technicians & Mechanics	2,670	2,959	29	54	83	\$17.91
Hairdressers, Hairstylists, & Cosmetologists	3,019	3,343	32	36	68	\$12.04
Fitness Trainers & Aerobics Instructors	1,300	1,500	20	24	44	\$12.09
Welders, Cutters, Solderers, & Brazers	1,261	1,387	13	27	40	\$17.96
Preschool Teachers, Except Special Education	1,080	1,236	16	18	34	\$13.70
Jewelers, Precious Stone & Metal Workers	1,923	1,734	0	33	33	\$12.97
Library Technicians	609	630	2	30	32	\$14.93
Bus & Truck Mechanics & Diesel Engine Specialists	651	714	6	14	20	\$19.00
Real Estate Sales Agents	831	893	6	13	19	-
Dietetic Technicians	351	418	7	11	18	\$13.44
Emergency Medical Technicians & Paramedics	661	746	9	8	17	\$15.06
Manicurists & Pedicurists	657	761	10	7	17	\$10.32
Surgical Technologists	251	300	5	8	13	\$20.68
Skin Care Specialists	306	396	9	3	12	\$16.32
Psychiatric Technicians	368	335	0	11	11	\$17.30
Medical Transcriptionists	465	516	5	6	11	\$15.65
Architectural & Civil Drafters	356	360	0	10	10	\$21.89

## Jobs Requiring Work Experience in a Related Occupation

Occupational Title	Employment		Annual Openings			Median Wage
	2006	2016	Growth	Replacement	Total	
<b>First-Line Supervisors of</b>						
Retail Sales Workers	5,458	5,850	39	115	154	\$17.77
Office & Administrative Support Workers	5,077	5,246	17	105	122	\$23.20
Food Preparation & Serving Workers	2,615	2,998	38	20	58	\$16.01
Construction Trades & Extraction Workers	2,353	2,571	22	33	55	\$30.55
Production & Operating Workers	2,818	2,684	0	47	47	\$24.73
Non-Retail Sales Workers	1,768	1,884	12	26	38	\$36.84
Mechanics, Installers & Repairers	1,274	1,333	6	30	36	\$27.30
Personal Service Workers	848	963	12	18	30	\$19.39
Fire Fighting & Prevention Workers	546	554	1	17	18	\$28.07
Housekeeping & Janitorial Workers	711	779	7	11	18	\$19.05
Helpers, Laborers, & Material Movers	560	586	3	11	14	\$19.62
Landscaping & Groundskeeping Workers	855	925	7	6	13	\$22.26
<b>Other Occupations Requiring Work Experience</b>						
Wholesale & Manufacturing Sales Representatives	5,127	5,468	34	113	147	\$26.69
Executive Secretaries & Administrative Assistants	3,822	4,239	42	61	103	\$20.58
Sales Representatives, Wholesale & Manufacturing						
Technical & Scientific Products	1,408	1,560	15	31	46	\$33.17
Food Service Managers	1,178	1,290	11	28	39	\$27.91
Industrial Production Managers	631	601	0	22	22	\$39.73
Lodging Managers	292	361	7	6	13	\$26.81
Detectives & Criminal Investigators	345	381	4	8	12	\$28.08