



Hospitals

Industries in the Hospitals subsector provide inpatient medical, diagnostic and treatment services that include physician, nursing and other health services and specialized accommodation services. Hospitals may also provide outpatient services as a secondary activity. Establishments in the Hospitals subsector provide inpatient health services, many of which can only be provided using the specialized facilities and equipment that form a significant and integral part of the production process.

Industry Cluster Profile

The Health Care & Social Assistance industry sector, the largest private industry sector in the state, is divided into four subsectors: Ambulatory Health Care Services, Nursing & Residential Care Facilities, Social Assistance, and its largest subsector, Hospitals.

In 2011, the Hospitals subsector employed 24,239 workers, accounting for 6.2 percent of the state's total private sector jobs.

Between 2002 and 2011, employment in Rhode Island's Hospitals subsector increased by 11.5 percent, while private sector employment declined by 3.7 percent during this period. During this period, all Hospitals industry groups experienced substantial growth, with Psychiatric & Substance Abuse Hospitals (+31.9%) having the largest growth rate, followed by Specialty Hospitals (+14.2%) and General Medical & Surgical Hospitals (9.3%).

Employment growth in Hospitals continued between 2006 and 2011, as private sector employment declined due to the "Great Recession." Hospitals added 2.5 percent more jobs during this period, while the state lost 6.8 percent.

Largest Private Hospitals in Rhode Island

| <u>Hospital</u> | <u>Employment</u> |
|--|-------------------|
| Rhode Island Hospital/Hasbro Children's Hospital | 7,024 |
| Women & Infants Hospital | 3,134 |
| The Miriam Hospital | 2,410 |
| Kent County Memorial Hospital | 1,850 |
| Memorial Hospital of Rhode Island | 1,488 |
| Roger Williams Medical Center | 1,470 |
| Our Lady of Fatima Hospital | 1,343 |
| Landmark Medical Center | 1,022 |
| South County Hospital | 970 |
| Newport Hospital | 919 |
| Butler Hospital | 800 |
| Emma Pendleton Bradley Hospital | 800 |
| St. Joseph's Hospital for Specialty Care | 522 |

Source: Rhode Island Economic Development Corporation,
Top Employers in Rhode Island, March 2011

Hospitals Employment in Rhode Island

| Industry | Annual Average Employment | | | 2002-2011 | | 2006-2011 | |
|---|---------------------------|---------------|---------------|--------------|--------------|------------|-------------|
| | 2002 | 2006 | 2011 | Change | % Change | Change | % Change |
| Total Private & Government | 468,451 | 480,589 | 448,532 | -19,919 | -4.3% | -32,057 | -6.7% |
| Total Private Only | 404,079 | 417,706 | 389,240 | -14,839 | -3.7% | -28,466 | -6.8% |
| Total for Hospitals | 21,737 | 23,648 | 24,239 | 2,502 | 11.5% | 591 | 2.5% |
| General Medical & Surgical Hospitals | 16,807 | 17,861 | 18,373 | 1,566 | 9.3% | 512 | 2.9% |
| Psychiatric & Substance Abuse Hospitals | 1,340 | 1,518 | 1,768 | 428 | 31.9% | 250 | 16.5% |
| Specialty Hospitals | 3,590 | 4,269 | 4,099 | 509 | 14.2% | -170 | -4.0% |

Hospitals is comprised of three industry groups: General Medical & Surgical Hospitals, Psychiatric & Substance Abuse Hospitals, and Specialty Hospitals.

General Medical & Surgical Hospitals provide diagnostic and medical treatment (both surgical and nonsurgical) to inpatients with a wide variety of medical conditions and usually provide other services, such as outpatient services, diagnostic X-ray services and clinical laboratory services. In 2011, these businesses employed an average of 18,373 workers and accounted for three-quarters (75.8%) of all Hospitals employment in Rhode Island.

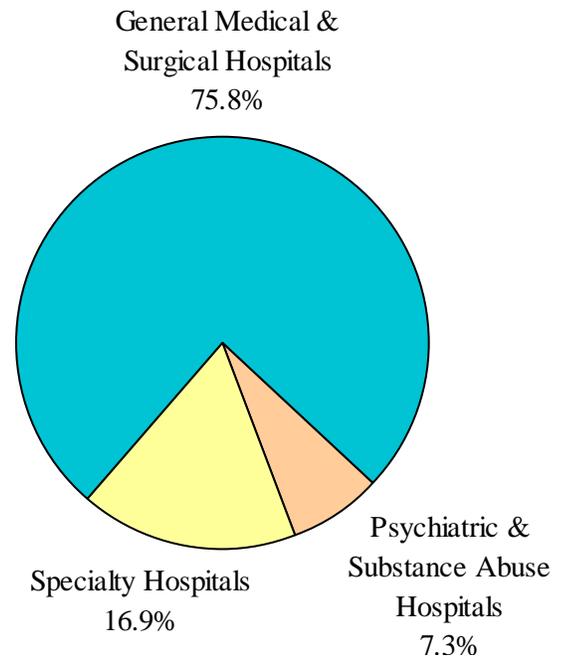
Psychiatric & Substance Abuse Hospitals provide diagnostics, medical treatment, and monitoring services for inpatients who suffer from mental illness or substance abuse disorders. The treatment often requires an extended stay in the hospital. Psychiatric, psychological, and social work services are available at the facility. In 2011, Psychiatric & Substance Abuse Hospitals employed an average of 1,768 workers, or 7.3 percent of Hospitals employment.

Specialty Hospitals, such as maternity and cancer hospitals, provide diagnostic and medical treatment to inpatients with a specific type of disease or medical condition (except psychiatric or substance abuse). Hospitals providing long-term care for the chronically ill and hospitals providing rehabilitation, restorative, and adjustive services to physically challenged or disabled people are included. In 2011, Specialty Hospitals employed an average of 4,099 workers, accounting for 16.9 percent of the state's Hospitals jobs.

Overall, Hospitals employed an average of 24,239 workers and paid workers an annual average wage of \$53,941 in 2011, \$10,414 (23.9%) higher than the private sector average of \$43,526.

In 2011, Rhode Island's 25 Hospitals paid over \$1.3 billion in wages, accounting for 7.7 percent of the total private sector wages paid that year.

Hospitals Employment by Industry Group, 2011



Hospitals in Rhode Island 2011

| Industry | Number of Units | Average Employment | Total Wages | Average Wage |
|---|-----------------|--------------------|-------------------------|-----------------|
| Total Private & Government | 34,942 | 448,532 | \$20,498,159,788 | \$45,701 |
| Total Private Only | 34,225 | 389,240 | \$16,942,221,360 | \$43,526 |
| Total for Hospitals | 25 | 24,239 | \$1,307,469,601 | \$53,941 |
| General Medical & Surgical Hospitals | 10 | 18,373 | \$964,811,023 | \$52,512 |
| Psychiatric & Substance Abuse Hospitals | 3 | 1,768 | \$91,720,465 | \$51,878 |
| Specialty Hospitals | 12 | 4,099 | \$250,938,113 | \$61,219 |

Hospitals Employment as Percent of Private Sector Employment, 2011

| Industry | US | CT | MA | ME | NH | RI | VT |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total Private & Government | 129,408,962 | 1,612,372 | 3,187,984 | 579,745 | 605,713 | 448,532 | 295,449 |
| Total Private Only | 108,165,289 | 1,374,880 | 2,776,765 | 482,391 | 520,206 | 389,240 | 243,123 |
| Total for Hospitals | 4.3% | 4.5% | 6.6% | 6.7% | 5.3% | 6.2% | 5.2% |
| General Medical & Surgical Hospitals | 4.0% | 4.3% | 5.8% | 6.4% | 5.0% | 4.7% | 4.9% |
| Psychiatric & Substance Abuse Hospitals | 0.1% | * | 0.2% | * | * | 0.5% | * |
| Specialty Hospitals | 0.2% | * | 0.7% | * | * | 1.1% | * |

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages

*Confidential data

In 2011, Rhode Island's Hospitals employment averaged 6.2 percent of total private employment in the state, 1.9 percent higher than the national average of 4.3 percent. In New England, only Maine (6.7%) and Massachusetts (6.6%) Hospitals employment comprised a larger share of their state's total private employment. All New England state's had a greater percentage of Hospitals employment than the nation. Rhode Island boasted the highest percentage of private employment in both Psychiatric & Substance Abuse Hospitals (0.5%) and Specialty Hospitals (1.1%), while having the second lowest percentage of private employment in General Medical & Surgical Hospitals (4.7%) behind Connecticut (4.3%).

Occupations Profile



Many of the jobs in Hospitals offer workers above-average wages and good benefit packages, as well as educational and career advancement opportunities. An increased demand for medical services by an aging Ocean State population, as well as advances in medical technology, should continue to increase the demand for Hospitals workers for years to come.

Healthcare Practitioners and Technicians account for over one-quarter of the employment in the Health Care & Social Assistance sector. Educational requirements for these occupations vary, ranging from Associate Degrees for Registered Nurses, Bachelor Degrees for Occupational Therapists, Master's Degrees for Speech & Language Pathologists to Professional degrees for Doctors.

Overall, Hospitals jobs have greater educational requirements than most jobs in the private sector. Approximately 56 percent of the Hospital workers are employed in occupations requiring a college degree (Associate or higher), twice the percentage of private sector workers employed in occupations requiring college degrees (26%). A greater percentage of Hospital workers require post secondary vocational training (12%) than private sector workers (6%), while a smaller percentage of hospital workers are employed in occupations requiring on-the-job training (29%) than are private sector workers (59%) workers.

Employment by Education/Training Requirements

| | Cluster Share | Private Sector |
|--------------------------------------|---------------|----------------|
| Professional Degree | 5% | 2% |
| Doctoral Degree | 2% | 1% |
| Master's Degree | 4% | 2% |
| Bachelor's or Higher plus Experience | 3% | 4% |
| Bachelor's Degree | 6% | 12% |
| Associate Degree | 36% | 5% |
| Postsecondary Vocational | 12% | 6% |
| Work Experience | 3% | 8% |
| Long-Term OJT | 1% | 7% |
| Moderate-Term OJT | 12% | 17% |
| Short-Term OJT | 16% | 35% |



Occupations Commonly Found in Hospitals

| <u>Occupations</u> | <u>Estimated RI Employment</u> | <u>Education & Training Code</u> | <u>US</u> | <u>Median Wages</u> | | |
|---|--------------------------------|--------------------------------------|-----------|---------------------|-----------|-----------|
| | | | | <u>RI</u> | <u>MA</u> | <u>CT</u> |
| Administrative Services Managers | 120 | 4 | 37.45 | 46.48 | 43.70 | 37.83 |
| Bookkeeping, Accounting, & Auditing Clerks | 260 | 10 | 16.36 | 17.50 | 18.72 | 18.93 |
| Cardiovascular Technologists & Technicians | 140 | 6 | 23.75 | 24.20 | 31.45 | 31.23 |
| Clinical, Counseling, & School Psychologists | 120 | 2 | 32.12 | 36.52 | 34.03 | 34.00 |
| Cooks, Institution & Cafeteria | 120 | 10 | 10.93 | 16.60 | 14.41 | 15.37 |
| Diagnostic Medical Sonographers | 150 | 6 | 30.95 | 34.66 | 38.46 | 35.02 |
| Executive Secretaries & Executive Administrative Assistants | 160 | 8 | 20.92 | 22.66 | 24.27 | 24.73 |
| First-Line Supervisors of Office & Administrative Support Workers | 220 | 8 | 22.82 | 25.76 | 25.52 | 25.34 |
| Food Preparation Workers | 200 | 11 | 9.18 | 10.25 | 10.75 | 10.92 |
| Food Servers, Nonrestaurant | 280 | 11 | 9.34 | 10.94 | 10.39 | 12.33 |
| Home Health Aides | 260 | 11 | 9.89 | 12.16 | 12.54 | 13.33 |
| Interviewers, Except Eligibility & Loan | 210 | 11 | 13.86 | 17.21 | 16.58 | 17.10 |
| Janitors & Cleaners, Except Maids & Housekeeping Cleaners | n/a | 11 | 10.68 | 12.13 | 14.09 | 12.58 |
| Laundry & Dry-Cleaning Workers | n/a | 10 | 9.40 | 10.90 | 10.82 | 12.21 |
| Licensed Practical & Licensed Vocational Nurses | 240 | 7 | 19.42 | 24.66 | 23.80 | 25.78 |
| Maids & Housekeeping Cleaners | n/a | 11 | 9.28 | 10.56 | 11.74 | 10.93 |
| Medical & Clinical Laboratory Technicians | 260 | 6 | 17.44 | 27.38 | 17.67 | 20.40 |
| Medical & Clinical Laboratory Technologists | 520 | 5 | 26.98 | 30.62 | 31.58 | 30.73 |
| Medical & Health Services Managers | 500 | 4 | 40.52 | 46.08 | 48.69 | 44.40 |
| Medical Assistants | 400 | 10 | 13.87 | 15.25 | 16.48 | 16.06 |
| Medical Equipment Preparers | 160 | 11 | 14.18 | 15.55 | 17.80 | 16.71 |
| Medical Records & Health Information Technicians | 330 | 6 | 15.55 | 17.42 | 17.95 | 17.37 |
| Medical Scientists, Except Epidemiologists | 200 | 2 | 36.87 | 31.50 | 38.95 | 44.15 |
| Medical Secretaries | 880 | 10 | 14.68 | 16.91 | 17.66 | 17.22 |
| Medical Transcriptionists | 160 | 7 | 15.82 | 18.18 | 19.03 | 18.58 |
| Nursing Aides, Orderlies, & Attendants | 1,650 | 7 | 11.54 | 13.17 | 13.53 | 14.49 |
| Occupational Therapists | 110 | 3 | 34.77 | 34.17 | 35.07 | 37.39 |
| Office Clerks, General | 320 | 11 | 12.79 | 13.81 | 15.41 | 15.00 |
| Pharmacists | 230 | 1 | 53.64 | 48.99 | 51.18 | 55.57 |
| Pharmacy Technicians | 190 | 10 | 13.65 | 13.77 | 14.17 | 14.38 |
| Physical Therapists | 180 | 3 | 36.69 | 38.64 | 36.06 | 37.72 |
| Physicians & Surgeons | 950 | 1 | >\$80 | >\$80 | >\$80 | >\$80 |
| Receptionists & Information Clerks | 340 | 11 | 12.14 | 13.39 | 13.45 | 14.78 |
| Registered Nurses* | 6,880 | 6 | 31.10 | 33.75 | 38.59 | 34.70 |
| Respiratory Therapists | 280 | 6 | 26.10 | 28.86 | 30.80 | 30.88 |
| Secretaries & Administrative Assistants, Except Legal, Medical, & Executive | 510 | 10 | 14.82 | 17.19 | 18.47 | 18.06 |
| Security Guards | 140 | 11 | 11.50 | 12.36 | 13.14 | 12.96 |
| Surgical Technologists | 250 | 7 | 19.19 | 22.09 | 22.43 | 22.26 |

Education & Training Code & Description: 1 First professional degree; 2 Doctoral degree; 3 Master's degree; 4 Bachelor's or higher degree, plus work experience; 5 Bachelor's degree; 6 Associate degree; 7 Postsecondary vocational training; 8 Work experience in a related occupation 9 Long-term on-the-job training; 10 Moderate-term on-the-job training; 11 Short-term on-the-job training

Wages are from May 2010 OES Survey. Annual salaries reported for occupations with non-standard work weeks.

n/a: Wage or Employment Not Available

