

MAINE STATE LEGISLATURE

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2022 Maine Healthcare Occupations Report

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Preface

The Maine Healthcare Occupations Report combines a variety of workforce statistics for the over 80,000 healthcare occupational professionals in the state. Sources of data used in this report include:

- 2021 Occupational Employment & Wage Statistics (OEWS) for Maine and the US
- Maine Quarterly Census for Employment & Wage (QCEW)
- 2020-2030 Maine Occupational Projections
- Maine Education & Attainment Research Navigation System (MaineEarns)
- US Census Bureau's Quarterly Workforce Indicators
- National Center of Education Statistics
- BLS Occupational Outlook Handbook

The distribution and employment mix of healthcare occupational workers by industry, the number of employed workers in each occupation, their respective wages, and occupational forecasts are included. Compensation in Maine's healthcare occupations is contrasted with US mean wages for the same occupations. Additional occupational information such as job descriptions and typical education requirements, schools in the state offering related educational programs and the number of program completers at each school by award type for each occupation may be found in the Healthcare Occupational Data Sheets at the end.

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DEFINITIONS

Healthcare Sector

For the purposes of this report the healthcare sector is defined as all establishments in the hospital, ambulatory care, nursing and residential care services and social assistance industries. This is the definition used by the North American Industry Classification System (NAICS) for the healthcare sector. As an economic sector is a conglomeration of industries involved in similar business activities; the healthcare sector also may properly be referred to as the healthcare & social assistance industries.

The NAICS defines the four healthcare subsectors as follows:

- Industries in the ambulatory health care services subsector provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Health practitioners in this subsector provide outpatient services, with the facilities and equipment not usually being the most significant part of the production process.
- Industries in the hospitals subsector provide medical, diagnostic, and treatment services that include physician, nursing, and other health services to inpatients and the specialized accommodation services required by inpatients. 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.
- Industries in the nursing and residential care facilities subsector provide residential care combined with either nursing, supervisory, or other types of care as required by the residents. In this subsector, the facilities are a significant part of the production process, and the care provided is a mix of health and social services with the health services being largely some level of nursing services.
- Industries in the social assistance subsector provide a wide variety of social assistance services directly to their clients. These services do not include residential or accommodation services, except on a short-stay basis.

Healthcare Occupations

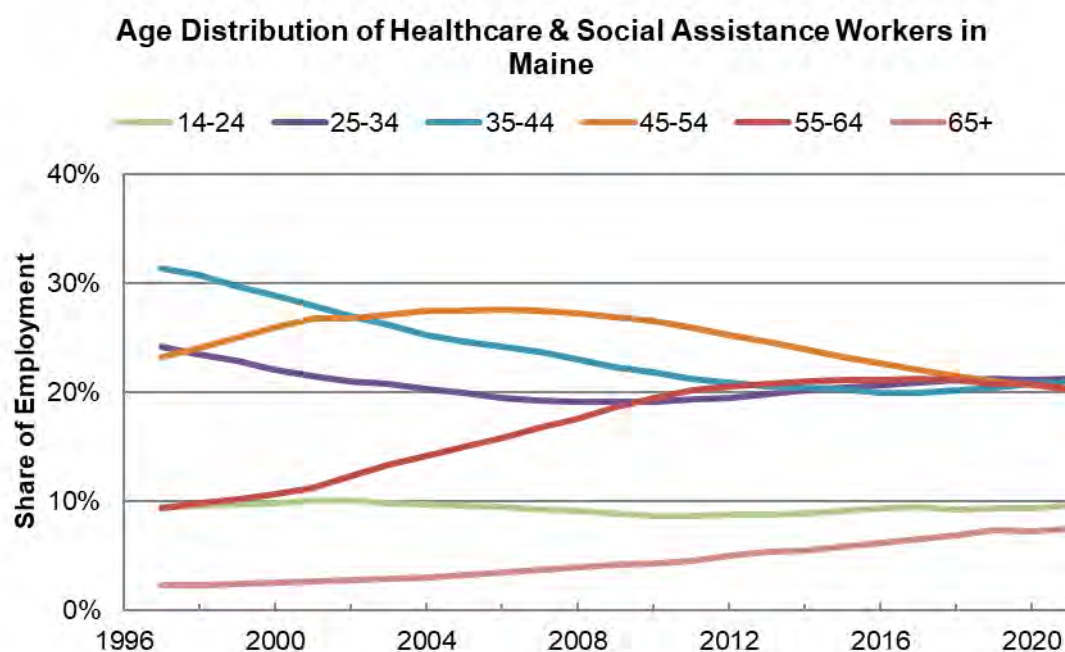
Healthcare occupations are defined in accordance with the 2018 Standard Occupational Classification (SOC) system. SOC is the basic occupational coding taxonomy used by all government statistical agencies. SOC disaggregates all healthcare occupations into two broad categories: healthcare practitioners and technical workers and healthcare support workers. Healthcare practitioners represent the highest levels of licensure in the medical field—doctors, dentists, registered nurses, and physical and occupational therapists are a representative sample of healthcare practitioners. The healthcare support worker category includes the lower levels of licensure—nursing aides, home health aides, physical therapist assistants, occupational therapist aides, etc.

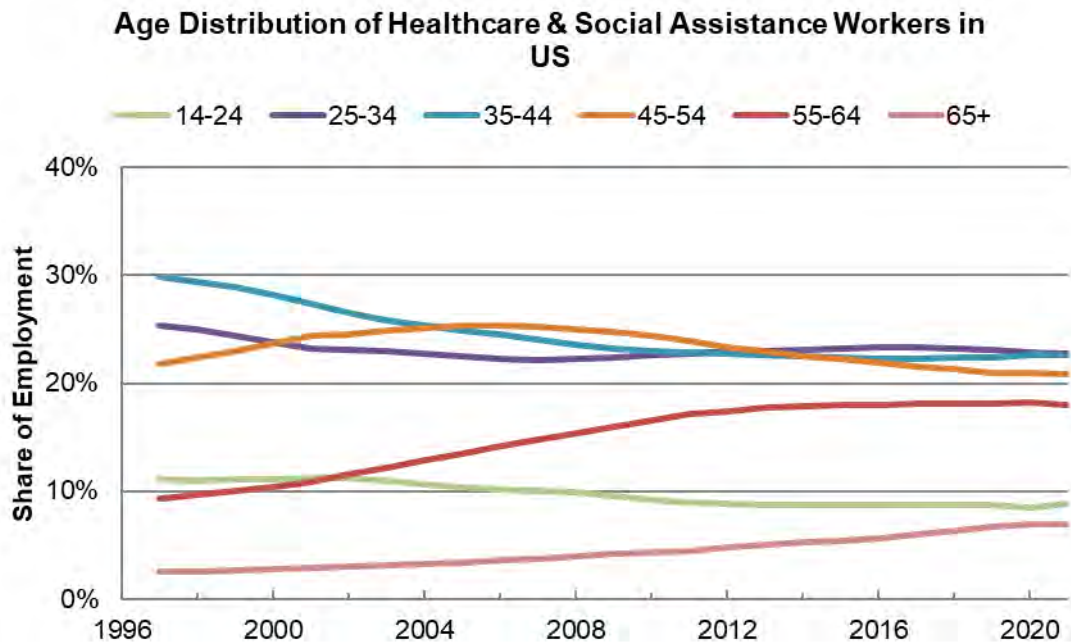
DEMOGRAPHICS OF WORKERS IN HEALTHCARE

The following demographic data on the age, gender, race/ethnicity, and education attainment of workers in the healthcare & social assistance sector is produced from the US Census Bureau's Quarterly Workforce Indicators (QWI). These demographics help provide context about the composition of the workforce in Maine, with the caveat that QWI data includes all job holders in the industry, not just those in healthcare-providing occupations. Overall, healthcare-providing occupations represent over 60 percent of the jobs in Maine's healthcare & social assistance sector.

Distribution of Workers by Age

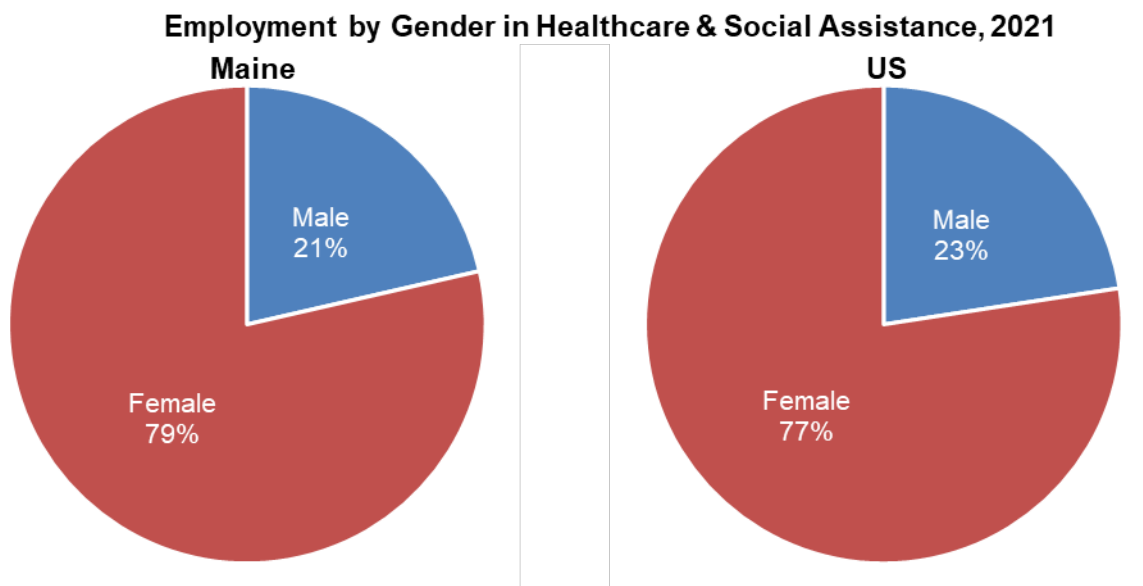
The share of workers in the 55-64 age range has nearly doubled in Maine over the last 20 years from 11 percent in 2001 to 20 percent in 2021. The share of workers aged 35-44, 29 percent, and 45-54, 26 percent, has dropped to 21 and 20 percent over the same timeframe, respectively. Compared to the US, Maine had a similar distribution of employment among age groups with a slightly higher share of workers in the 55-64 age range in 2021.





Distribution of Workers by Gender

Women comprise the majority of job holders in Maine's healthcare & social assistance sector, representing 79 percent of job holders in 2021. Women have consistently held about 80 percent of the jobs in this sector in Maine over the last 20 years. This is comparable to the US trend, as women held 77 percent of all healthcare & social assistance sector jobs in 2021.



Distribution of Workers by Race/Ethnicity

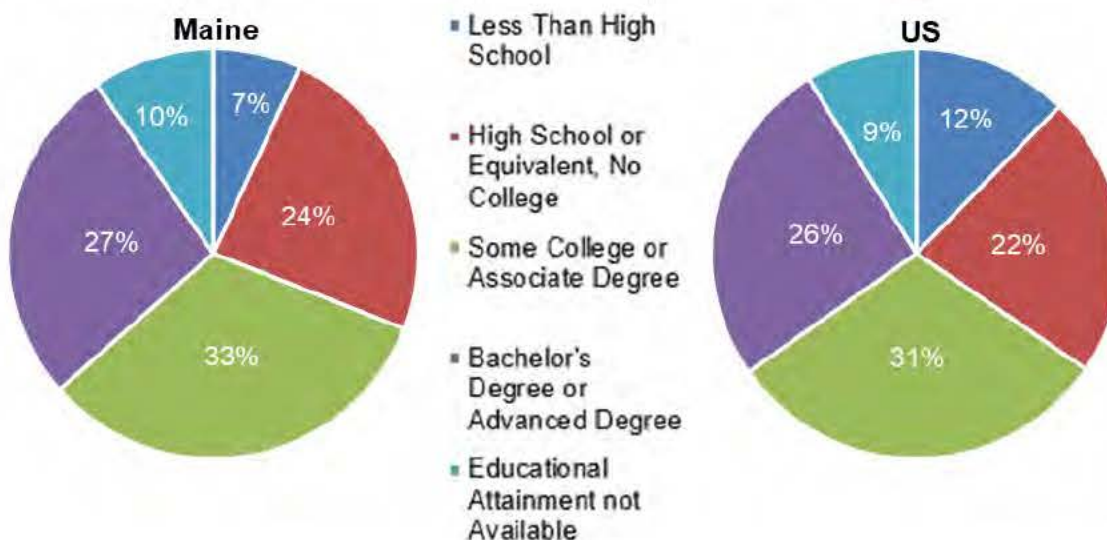
Job holders in Maine's healthcare & social assistance sector are predominantly white (93 percent) and non-hispanic or latino (98 percent). For reference, white workers make up 94 percent of all job holders in Maine across all industry sectors. The overall US employment in this sector is more diverse with white workers making up only 71 percent of the total employment in the healthcare sector.

2021 Race & Ethnicity of Healthcare & Social Assistance Workers							
	Total	Race				Ethnicity	
		White Alone	Black or African American Alone	Asian Alone	All Other	Not Hispanic or Latino	Hispanic or Latino
Maine	103,809	93%	4%	2%	2%	98%	2%
US	19,798,644	71%	18%	8%	3%	85%	15%

Distribution of Workers by Educational Attainment

The majority of job holders in the healthcare & social assistance sector in Maine have an education attainment of at least some college or associate degree or higher (60 percent). Conversely, about 31 percent have an educational attainment of a high school degree or less. The overall mix in Maine is similar to that of the US. Most healthcare practitioner and technical workers require some college or an advanced degree, while many of the healthcare support occupations require a high school or equivalent credential.

Educational Attainment of Workers in Healthcare & Social Assistance, 2021



Distribution of Workers by Location

The distribution of the workforce plays a critical role in the population's ability to access health services. According to the U.S. Department of Agriculture Economic Research Service, 40 percent of Mainers reside in rural areas and these populations have lower per capita incomes, higher rates of poverty and unemployment, and lower levels of education attainment. Conversely, the urban areas of Maine, which are home to the large hospital systems and a majority of the health workforce, offer better access and higher numbers of health workers per population.

Distribution of Maine's Health Workforce by County, 2021				
Area	Total Employment, Health Practitioners & Support Workers	Pct. (%) of Total	Pct. (%) of Population Living in Area	Number of Health Workers per 1,000 Residents
Androscoggin County	6,510	8.7%	8.1%	59
Aroostook County	3,790	5.1%	4.9%	57
Cumberland County	22,790	30.4%	22.2%	75
Franklin County	1,200	1.6%	2.2%	40
Hancock County	2,360	3.2%	4.1%	42
Kennebec County	7,940	10.6%	9.1%	64
Knox County	1,870	2.5%	3.0%	46
Lincoln County	1,230	1.6%	2.6%	34
Oxford County	1,830	2.4%	4.3%	31
Penobscot County	10,740	14.3%	11.1%	70
Piscataquis County	750	1.0%	1.3%	44
Sagadahoc County	770	1.0%	2.7%	21
Somerset County	1,810	2.4%	3.7%	36
Waldo County	1,100	1.5%	2.9%	28
Washington County	1,240	1.7%	2.3%	40
York County	6,470	8.6%	15.6%	30
Statewide	74,860	*	*	55
US	15,391,410	*	*	46

Maine Department of Labor, Occupational Employment & Wage Statistics

*Some data is suppressed per BLS' data quality and confidentiality standards. In disaggregating the workforce by county, we can account for 96.7% of statewide employment.

Cumberland County has the highest share of total health practitioners & support workers in the state at over 30 percent, despite having only 22 percent of the population residing in the county. This leads to a disproportionately larger number of health workers per population (75 per thousand residents) relative to the statewide average of 55. Conversely, counties like York, Waldo, Sagadahoc, Oxford, and Lincoln are all well-below the statewide average. Despite the low share of healthcare workers in these areas, many still have good access to health services available in a neighboring county.

For example, Sagadahoc County has the lowest number of health workers per thousand residents at only 21. However, each of the neighboring counties contains a hospital system that is in close proximity to the cities and towns of Sagadahoc. Depending on their location within Sagadahoc, residents can travel west for services in Brunswick, north for services in Lewiston or Augusta, or east for services in Damariscotta. Despite the low share of health workers within the borders of Sagadahoc, there is still ample access to health services for these residents.

HEALTHCARE OCCUPATIONS IN MAINE

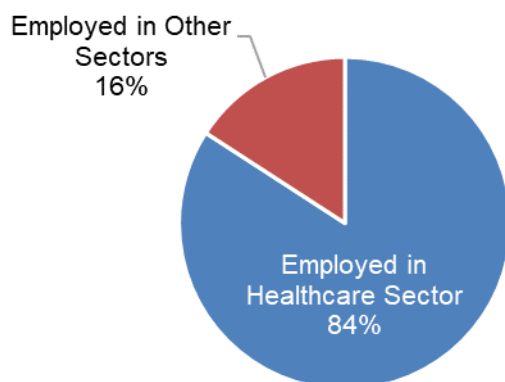
The vital role played by healthcare occupational workers in delivering medical care throughout the state highlights the importance of understanding employment and wage characteristics of these workers. The Occupational Employment and Wage Statistics (OEWS) program, a cooperative effort between the Bureau of Labor Statistics (BLS) and CWRI, produces employment and wage estimates for over 800 occupations and is the best available source of data in this respect. These estimates are available at the national, state, metropolitan and nonmetropolitan area levels, and do not include non-payrolled workers, independent contractors, and owners of unincorporated firms.

The following data on the distribution and mix of healthcare occupational employment by industry, occupational employment statistics, wage statistics and employment forecasts were produced by CWRI's OEWS program. Occupational job descriptions and minimum education requirements, schools in Maine offering educational programs for each occupation, the number of program completers by school and degree are available in the Healthcare Occupations Data Sheets.

Healthcare Occupations by Industry

There were an estimated 74,860 people working in payroll-covered healthcare occupations in Maine in 2021. Approximately 84 percent of these healthcare workers were employed in the healthcare sector (ambulatory care, hospitals, nursing and residential care facilities, social assistance industries), while the remaining 16 percent were employed in non-healthcare industries.

**Distribution of Healthcare Occupational Employment by Sector
Maine, 2021**



Of the 84 percent of the state's healthcare occupational workforce that was employed in the healthcare sector, 36 percent were employed at hospitals, 32 percent in ambulatory care, 20 percent at nursing and residential facilities and 12 percent were employed in social assistance.

**Distribution of Healthcare Employment In Healthcare Industries
Maine, 2021**



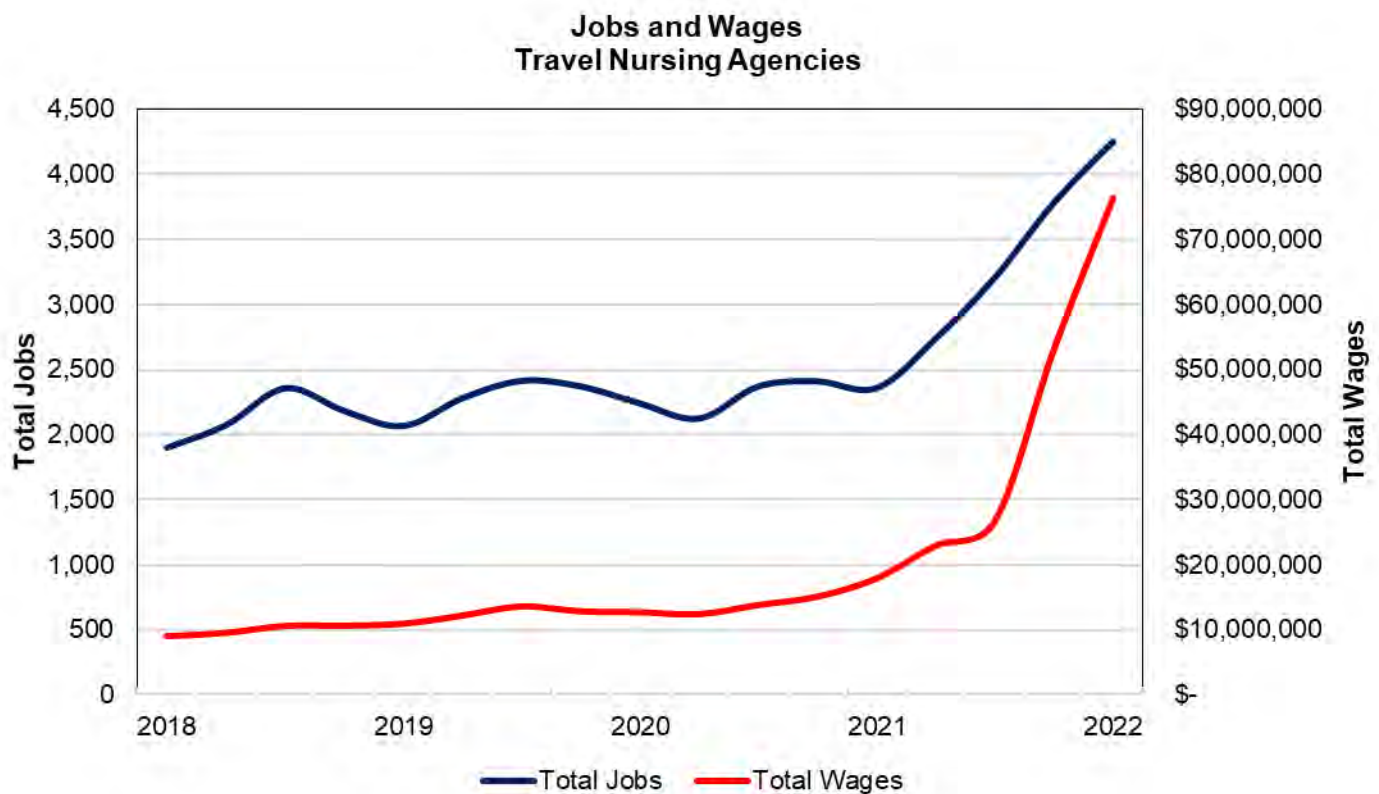
Of the 16 percent of Maine's healthcare occupational workers that were not employed in the healthcare sector, 23 percent worked in public administration, 20 percent in professional, scientific and technical services, 18 percent in health and personal care stores, 13 percent in education services, 12 percent in administrative and support services, and 14 percent in other industries (manufacturing, management, personal services, etc.).

**Distribution of Healthcare Employment in Non-Healthcare Industries
Maine, 2021**



Throughout the pandemic as healthcare providers have had to quickly adapt to the public health emergency, many providers have filled staffing needs by contracting with travel nursing agencies. Traveling nurses typically work on short term contracts in a particular area of need. While travel nursing arraignment have existed for decades, there has been a noticeable increase in reported employment by establishments who employ them in Maine. Due to the structure of the industrial classification system, these employers are classified under the administrative support services industry sector.

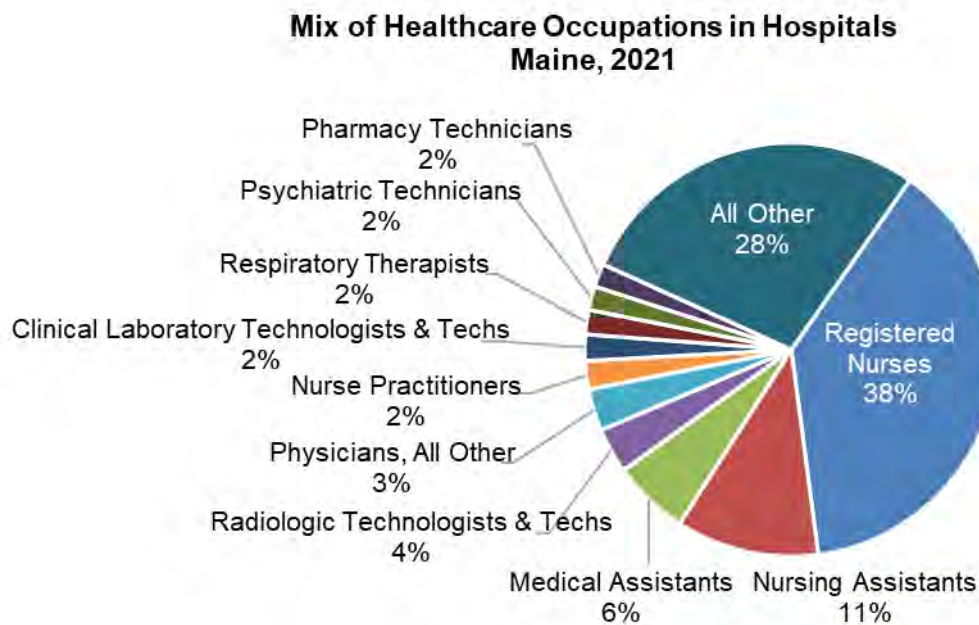
Using a list of licensed travel nursing agencies provided by the Maine Department of Health & Human Services, matches were made to unemployment insurance wage records to examine the employment and wage trends at these organizations. Approximately 65% of the agencies were able to be directly matched and their data aggregated for total jobs and total wages paid out by quarter going back to 2018. Employment in these establishments was relatively stable from 2018 through 2020 with about 2,100 – 2,300 jobs, however, by the first quarter of 2022 the employment totals had increased to around 4,250. Total wages reported increased at an even faster rate, more than tripling from the first quarter of 2021 (approximately \$18 million) to over \$76 million in the first quarter of 2022.



It should be noted that some of these individuals could still be working in traditional settings such as hospitals but no longer as a direct employee of that organization. It's also unknown the exact occupational mix of these workers (registered nurses, licensed nurses, nurse practitioners, or nursing assistants). More data and further analysis is needed over time to better understand if this is a cyclical or structural change in the way these occupations are employed.

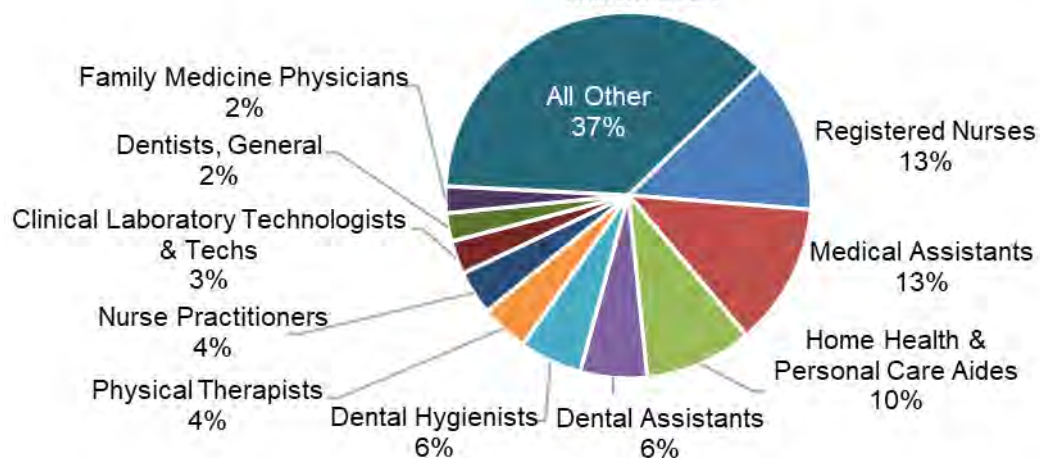
Occupational Mix within Healthcare Industries

It is useful to understand the healthcare occupational employment mix within Maine's healthcare and social assistance industries. The following chart illustrates that registered nurses (RNs) were, by far, the healthcare occupation in greatest number at hospitals in Maine in 2021. Nursing assistants and medical assistants represented the second and third largest healthcare occupations working at Maine hospitals.



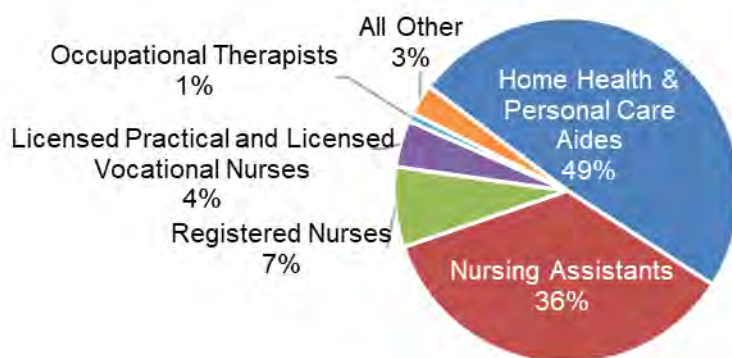
RNs, medical assistants, home health and personal care aides, dental assistants and hygienists represented nearly 50 percent of healthcare occupational employment within Maine's ambulatory healthcare services industry in 2021.

**Mix of Healthcare Occupations In Ambulatory Healthcare Services
Maine 2021**



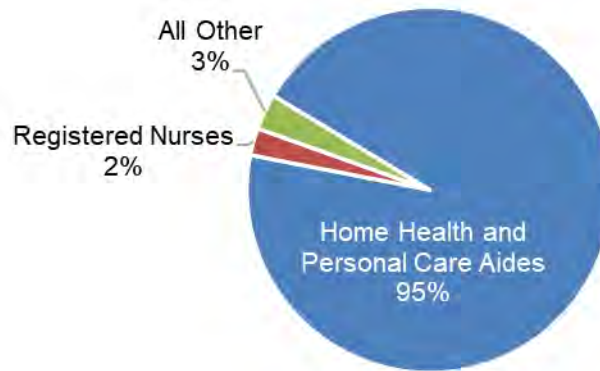
Home health and personal care aides and nursing assistants represented 85 percent of total healthcare occupational employment in the nursing and residential care facility industry in 2021. Registered nurses and licensed practical & vocational nurses represented 7 and 4 percent of industry employment, respectively.

**Mix of Healthcare Occupations in Nursing & Residential Care Facilities
Maine, 2021**



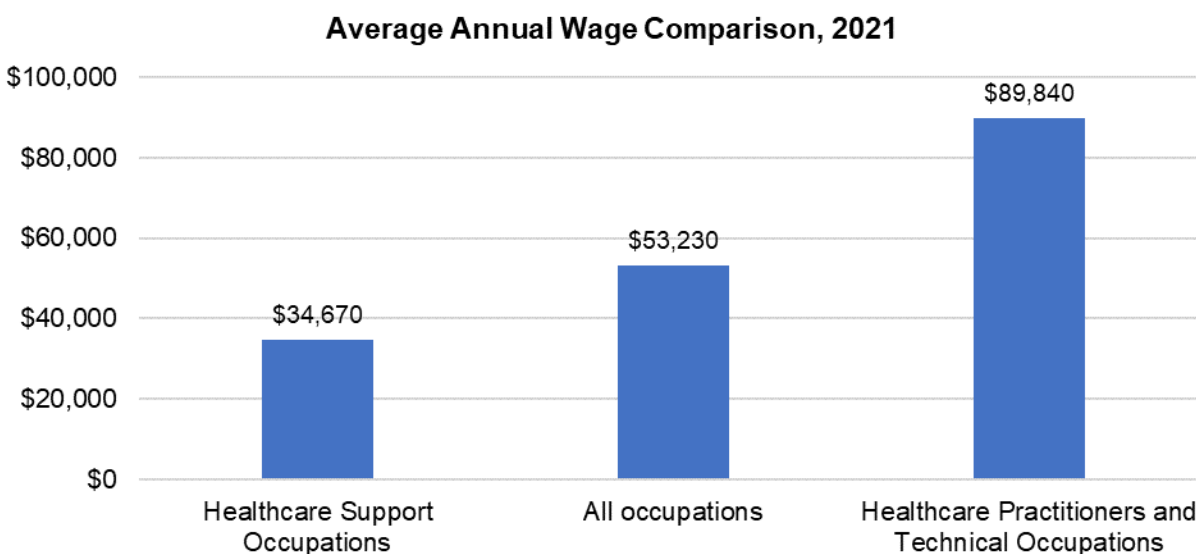
Healthcare occupations represented approximately 40 percent of total employment within Maine's social assistance industry in 2021. The largest healthcare occupation employed in the social assistance industry—home health and personal care aides, represented 95 percent of healthcare occupational employment and 38 percent of total employment in the industry.

**Mix of Healthcare Occupations in Social Assistance
Maine, 2021**



Occupational Wage Statistics

The average healthcare practitioner in Maine earned \$89,840 in 2021, a substantial premium to the statewide average wage of \$53,230. Healthcare support workers earned \$34,670 on average, approximately 35 percent less than the average statewide wage for all occupations (including non-healthcare occupations). The substantial education and training requirements for doctors, dentists and other healthcare practitioners are a significant contributing factor to the premium wages earned in these occupations.



Wage statistics for individual healthcare occupations in Maine and the US are detailed within the following Healthcare Occupational Data Sheets.

HEALTHCARE OCCUPATIONAL DATA SHEETS

Occupations are sorted by their 6-digit SOC code located before the occupational title. For each occupation the following is provided:

- Occupation description
- Sample of reported job titles
- Educational Requirement*
- Occupational Outlook (2020-2030 Projections)
- Occupational Wages, 2021 Maine & USA^
- Maine Schools and Program Completers by Degree**

*Source: Text is taken from the BLS Occupational Outlook Handbook from the BLS website.

**Source: National Center for Education Statistics. Data is reported by institution and is subject to revisions. Limitations of this source include reporting inconsistencies, errors, and CIP changes over time.

^Entry Level wage is calculated from the lower one-third of the data set.

Note: Schools and Program Completers by Degree are matched to occupations using a Classification of Instructional Programs (CIP) to SOC crosswalk. Not all occupations have CIP-matched programs reported, however, other instructional programs may still be relevant to that occupation. Occupations without a direct match or have no CIP-matched programs reported are denoted with “**NA.**”

List of school abbreviations used in tables:

- CMCC – Central Maine Community College
- EMCC – Eastern Maine Community College
- KVCC – Kennebec Valley Community College
- NMCC – Northern Maine Community College
- SMCC – Southern Maine Community College
- UMA – University of Maine at Augusta
- UMF – University of Maine at Farmington
- UMFK – University of Maine at Fort Kent
- UMM – University of Maine at Machias
- UMO – University of Maine at Orono
- UMPI – University of Maine at Presque Isle
- UNE – University of New England
- USM – University of Southern Maine
- WCCC – Washington County Community College
- YCCC – York County Community College

29-1011 – Chiropractors

Occupation Description: Assess, treat, and care for patients by manipulation of spine and musculoskeletal system. May provide spinal adjustment or address sacral or pelvic misalignment.

Sample of reported job titles: Chiropractic Doctor, Chiropractic Physician

Educational Requirement: Chiropractors typically need a Doctor of Chiropractic (D.C.) degree and a state license. D.C. programs typically take 4 years to complete and require at least 3 years of undergraduate education for admission.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1011	Chiropractors	335	327	-8	-2.39%	7

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$16.84	\$35,030	\$34.41	\$71,580	\$39.06	\$81,240

Schools and Program Completers by Degree: NA

29-1020 – Dentists

Occupation Description: Examine, diagnose, and treat diseases, injuries, and malformations of teeth and gums. May treat diseases of nerve, pulp, and other dental tissues affecting oral hygiene and retention of teeth. May fit dental appliances or provide preventive care. Includes “Dentists, General” (29-1021), “Oral and Maxillofacial Surgeons” (29-1022), “Orthodontists” (29-1023), “Prosthodontists” (29-1024), and “Dentists, All Other Specialists” (29-1029).

Sample of reported job titles: Family Dentist, Orthodontist, Prosthodontist

Educational Requirement: Dentists must be licensed in the state in which they work. Licensure requirements vary by state, although candidates usually must graduate from an accredited dental program and pass written and clinical exams.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1021	Dentists, General	587	591	4	0.68%	16

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$55.55	\$115,530	\$90.12	\$187,460	\$80.37	\$167,160

Wages are for SOC 29-1021 Dentists, General only

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0401	Dentistry.	Doctor's degree - professio..	UNE	0	62	63	63	61

29-1031 – Dietitians and Nutritionists

Occupation Description: Plan and conduct food service or nutritional programs to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research.

Sample of reported job titles: Clinical Dietitian, Dietitian, Nutritionist, Pediatric Dietician, Public Health Dietitian, Public Health Nutritionist, Research Dietitian, Sports Nutritionist, Therapeutic Dietitian

Educational Requirement: To enter the occupation, dietitians and nutritionists typically need at least a bachelors degree. They also typically are required to have supervised training through an internship.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1031	Dietitians and Nutritionists	300	311	11	3.67%	22

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$24.09	\$50,100	\$32.51	\$67,620	\$31.55	\$65,620

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019
51.3199	Dietetics and Clinical N..	Associate's degree	SMCC	9	7	0	0

29-1041 – Optometrists

Occupation Description: Diagnose, manage, and treat conditions and diseases of the human eye and visual system. Examine eyes and visual system, diagnose problems or impairments, prescribe corrective lenses, and provide treatment. May prescribe therapeutic drugs to treat specific eye conditions.

Sample of reported job titles: Doctor of Optometry

Educational Requirement: Optometrists typically need a Doctor of Optometry (O.D.) degree and a license to practice in a particular state. O.D. programs take 4 years to complete, and most students have a bachelors degree before entering such a program.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1041	Optometrists	252	240	-12	-4.76%	6

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$40.57	\$84,390	\$65.10	\$135,410	\$60.31	\$125,440

Schools and Program Completers by Degree: NA

29-1051 – Pharmacists

Occupation Description: Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of medications.

Sample of reported job titles: Apothecary, Clinical Pharmacist, Druggist, Hospital Pharmacist, Registered Pharmacist

Educational Requirement: Pharmacists must have a Doctor of Pharmacy (Pharm.D.), a 4-year professional degree. They must also be licensed, which requires passing two exams.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1051	Pharmacists	1,279	1,240	-39	-3.05%	43

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$45.00	\$93,600	\$60.83	\$126,520	\$60.43	\$125,690

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.2001	Pharmacy.	Doctor's degree - professional practice	Husson	55	54	46	41	50
			UNE	88	87	99	92	70

29-1071 – Physician Assistants

Occupation Description: Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct complete physicals, provide treatment, and counsel patients. May, in some cases, prescribe medication. Must graduate from an accredited educational program for physician assistants.

Sample of reported job titles: Anesthesiologist Assistant, Certified Physician's Assistant, Family Practice Physician Assistant, Orthopaedic Physician Assistant, Orthopedic Physician Assistant, Pediatric Physician Assistant, Radiology Practitioner Assistant

Educational Requirement: Physician assistants typically need a masters degree from an accredited educational program. All states require physician assistants to be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1071	Physician Assistants	887	1,085	198	22.32%	74

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$47.18	\$98,130	\$59.23	\$123,200	\$57.43	\$119,460

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0912	Physician Associate/As..	Master's degree	UNE	53	46	51	47	49

29-1081 – Podiatrists

Occupation Description: Diagnose and treat diseases and deformities of the human foot.

Sample of reported job titles: Chiropodist, Doctor of Podiatric Medicine, Foot and Ankle Surgeon, Foot Doctor, Foot Orthopedist, Orthopedic Podiatrist, Podiatric Physician

Educational Requirement: Podiatrists must earn a Doctor of Podiatric Medicine (DPM) degree and complete a 3-year residency program. Every state requires podiatrists to be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1081	Podiatrists	53	49	-4	-7.55%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$66.73	\$138,800	\$93.23	\$193,920	\$76.15	\$158,380

Schools and Program Completers by Degree: NA

29-1122 – Occupational Therapists

Occupation Description: Assess, plan, and organize rehabilitative programs that help build or restore vocational, homemaking, and daily living skills, as well as general independence, to persons with disabilities or developmental delays. Use therapeutic techniques, adapt the individual's environment, teach skills, and modify specific tasks that present barriers to the individual.

Sample of reported job titles: Occupational Therapist, OT, Registered Occupational Therapist

Educational Requirement: Occupational therapists typically need a masters degree in occupational therapy. All states require occupational therapists to be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1122	Occupational Therapists	875	929	54	6.17%	54

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$28.33	\$58,930	\$35.76	\$74,380	\$43.02	\$89,470

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.2306	Occupational Therapy/Therapist.	Doctor's degree - research ..	USM					0
		Master's degree	Husson	30	59	37	42	38
			UNE	48	48	51	50	52
			USM	24	33	35	32	36

29-1123 – Physical Therapists

Occupation Description: Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and improve or correct disabling conditions resulting from disease or injury.

Sample of reported job titles: Cardiopulmonary Physical Therapist, Geriatric Physical Therapist, Orthopedic Physical Therapist, Pediatric Physical Therapist, Physiotherapist, PT, Pulmonary Physical Therapist, Sports Physical Therapist

Educational Requirement: Physical therapists entering the occupation need a Doctor of Physical Therapy (DPT) degree. All states require physical therapists to be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1123	Physical Therapists	1,254	1,362	108	8.61%	64

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$33.27	\$69,200	\$41.17	\$85,620	\$44.67	\$92,920

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.2308	Physical Therapy/Therapist.	Doctor's degree - professional practice	Husson	32	29	38	37	32
			UNE	71	71	63	58	63
51.2311	Kinesiotherapy/Kinesiot..	Bachelor's degree	Husson	32	29	28	27	29

29-1124 – Radiation Therapists

Occupation Description: Provide radiation therapy to patients as prescribed by a radiation oncologist according to established practices and standards. Duties may include reviewing prescription and diagnosis; acting as liaison with physician and supportive care personnel; preparing equipment, such as immobilization, treatment, and protection devices; and maintaining records, reports, and files. May assist in dosimetry procedures and tumor localization.

Sample of reported job titles: Radiation Therapy Technologist, Registered Radiation Therapist

Educational Requirement: Radiation therapists typically need an associates or bachelors degree in radiation therapy.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1124	Radiation Therapists	67	68	1	1.49%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$28.69	\$59,670	\$40.09	\$83,380	\$45.19	\$94,000

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0907	Medical Radiologic Tec..	Associate's degree	SMCC	6	0	0	0	0

29-1125 – Recreational Therapists

Occupation Description: Plan, direct, or coordinate medically-approved recreation programs for patients in hospitals, nursing homes, or other institutions. Activities include sports, trips, dramatics, social activities, and crafts. May assess a patient condition and recommend appropriate recreational activity.

Sample of reported job titles: Certified Recreational Therapist, Certified Therapeutic Recreation Specialist, CTRS, Drama Therapist, Therapeutic Recreation Specialist

Educational Requirement: Recreational therapists typically need a bachelors degree. Many employers require therapists to be certified.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1125	Recreational Therapists	35	34	-1	-2.86%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$19.91	\$41,410	\$24.71	\$51,390	\$25.91	\$53,900

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.2309	Therapeutic Recreation/Recreational..	Awards of 300-899 clock h.. Bachelor's degree	UMM USM					0
				15	5	10	9	9

29-1126 – Respiratory Therapists

Occupation Description: Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.

Sample of reported job titles: Certified Respiratory Therapist, CRT, Inhalation Therapist, Oxygen Therapist, Registered Respiratory Therapist, Respiratory Therapist, RRT

Educational Requirement: Respiratory therapists typically need an associates degree in respiratory therapy. Some employers prefer to hire candidates who have a bachelors degree.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1126	Respiratory Therapists	502	591	89	17.73%	35

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$25.59	\$53,220	\$30.35	\$63,130	\$32.78	\$68,190

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0908	Respiratory Care Therapy/Therapist.	Associate's degree	KVCC	12	13			8
			SMCC	13	13	13	13	14

29-1127 – Speech-Language Pathologists

Occupation Description: Assess and treat persons with speech, language, voice, and fluency disorders. May select alternative communication systems and teach their use. May perform research related to speech and language problems.

Sample of reported job titles: Language Pathologist, Public School Speech Clinician, Public School Speech Therapist, Speech and Language Specialist, Speech Clinician, Speech Pathologist, Speech Therapist

Educational Requirement: Speech-language pathologists typically need at least a masters degree.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1127	Speech-Language Pathologists	783	919	136	17.37%	64

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$27.64	\$57,500	\$35.55	\$73,950	\$41.26	\$85,820

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0201	Communication Sciences and Disorders, General.	Bachelor's degree	UMO	27	27	33	27	39
		Master's degree	UMO	17	15	16	14	14

29-1128 – Exercise Physiologists

Occupation Description: Assess, plan, or implement fitness programs that include exercise or physical activities such as those designed to improve cardiorespiratory function, body composition, muscular strength, muscular endurance, or flexibility.

Sample of reported job titles: Applied Exercise Physiologist, Clinical Exercise Physiologist, Kinesiotherapist

Educational Requirement: Exercise physiologists typically need at least a bachelors degree to enter the occupation. Degree programs include science and health-related courses, such as biology, anatomy, kinesiology, and nutrition, as well as clinical work.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1128	Exercise Physiologists	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
NA	NA	NA	NA	\$25.98	\$54,030

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.2311	Kinesiotherapy/Kinesiot..	Bachelor's degree	Husson	32	29	28	27	29

29-1129 – Therapists, All Other

Occupation Description: All therapists not listed separately.

Sample of reported job titles: Art Therapist, Auriculotherapist, Educational Therapist, Hydrotherapist, Music Therapist, Peripatologist

Educational Requirement: Education levels vary depending on type of therapy provided.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1129	Therapists, All Other	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$38.25	\$79,570	\$42.23	\$87,840	\$31.26	\$65,030

Schools and Program Completers by Degree: NA

29-1141 – Registered Nurses

Occupation Description: 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.

Sample of reported job titles: CCU Nurse, Clinical Nurse Specialist, CNS, Community Health Nurse, Coronary Care Unit Nurse, Emergency Room RN, Endoscopy Registered Nurse, Hospice Registered Nurse, Obstetrical Nurse, Oncology Registered Nurse, PACU Nurse, Pediatric Registered Nurse

Educational Requirement: Registered nurses usually take one of three education paths: a bachelors degree in nursing, an associates degree in nursing, or a diploma from an approved nursing program. Registered nurses must be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1141	Registered Nurses	14,952	15,439	487	3.26%	836

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$28.15	\$58,550	\$35.40	\$73,630	\$39.78	\$82,750

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.3801	Registered Nursing/Registered Nurse.	Associate's degree	Beal					23
			CMCC	24	21	35	29	37
			EMCC	29	23	25	25	33
			KVCC	39	36	36	36	38
			Maine College..		50	57	53	39
			NMCC	33	30	24	32	27
			SMCC	54	64	73	67	83
			UMA	45	7	0	0	
			UMPI			0	0	14
		Awards of at least 2 but < 4..	EMCC	0	0	0	0	
		Bachelor's degree	Beal					0
			Husson	55	56	67	71	53
			Maine College..				0	3
			Saint Joseph's	138	135	72	62	62
			UMO	87	72	90	63	75
			UNE	79	97	104	100	97
			USM	125	124	139	143	147
		Master's degree	Beal					0
			UMO	7	10	6	11	23
			USM	1	0	0	0	0
		Post-Master's certificates	UMO	0	0	1	0	0
		Postbaccalaureate certifica..	USM	0	0	0	0	0
51.3802	Nursing Administration.	Master's degree	Saint Joseph's	79	57	38	27	22
			USM	0	1	0	0	0
		Post-Master's certificates	Saint Joseph's	1				
			USM	0	0	0	0	0
51.3803	Adult Health Nurse/Nursing.	Master's degree	USM	3	2	2	2	1
		Post-Master's certificates	USM	0	0	0	0	0
51.3805	Family Practice Nurse/Nursing.	Master's degree	Husson	7	9	12	12	21
			Saint Joseph's	84	92	59	43	34
			USM	23	23	24	22	18
		Post-Master's certificates	Husson	0	1	0	0	0
			Saint Joseph's	11	9	7	4	0
			USM	1	0	1	0	3
		Postbaccalaureate certifica..	Saint Joseph's					4
51.3808	Nursing Science.	Bachelor's degree	UMFK	95	147	121	178	169
51.381	Psychiatric/Mental Health Nurse/Nursing.	Master's degree	Husson	0	0	2	6	3
			USM	9	10	11	7	5
		Post-Master's certificates	Husson	0	5	4	0	2
			USM	2	0	0	0	1
51.3818	Nursing Practice.	Doctor's degree - research ..	USM	3	0	2	0	1
51.382	Clinical Nurse Leader.	Bachelor's degree	UMA	19	23	24	13	23
		Master's degree	USM	1	0	0	0	0
		Post-Master's certificates	USM	0	0	0	0	0
51.3821	Geriatric Nurse/Nursing.	Master's degree	USM				0	0
		Post-Master's certificates	USM				0	0
51.3899	Registered Nursing, Nur..	Associate's degree	Maine College..	55				

29-1151 – Nurse Anesthetists

Occupation Description: Administer anesthesia, monitor patient's vital signs, and oversee patient recovery from anesthesia. May assist anesthesiologists, surgeons, other physicians, or dentists. Must be registered nurses who have specialized graduate education.

Sample of reported job titles: Certified Registered Nurse Anesthetist, Certified Registered Nurse Anesthetist (CRNA), DNAP, Doctor of Nurse Anesthesia Practice

Educational Requirement: Nurse anesthetists, nurse midwives, and nurse practitioners must earn at least a masters degree in one of the APRN roles. They must also be licensed in their state and pass a national certification exam.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1151	Nurse Anesthetists	327	341	14	4.28%	17

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$71.68	\$149,090	\$100.50	\$209,050	\$97.34	\$202,470

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.3804	Nurse Anesthetist.	Master's degree	UNE	26	20	17	15	16

29-1161 – Nurse Midwives

Occupation Description: Diagnose and coordinate all aspects of the birthing process, either independently or as part of a healthcare team. May provide well-woman gynecological care. Must have specialized, graduate nursing education.

Sample of reported job titles: Certified Nurse Midwife, Certified Nurse Midwife (CNM)

Educational Requirement: Nurse anesthetists, nurse midwives, and nurse practitioners must earn at least a masters degree in one of the APRN roles. They must also be licensed in their state and pass a national certification exam.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1161	Nurse Midwives	62	64	2	3.23%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$49.06	\$102,040	\$60.11	\$125,020	\$54.91	\$114,210

Schools and Program Completers by Degree: NA

29-1171 – Nurse Practitioners

Occupation Description: Diagnose and treat acute, episodic, or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform, or interpret diagnostic tests such as lab work and x rays. May prescribe medication. Must be registered nurses who have specialized graduate education.

Sample of reported job titles: Acute Care Nurse Practitioner, Adult Nurse Practitioner, Cardiology Nurse Practitioner, Certified Nurse Practitioner, Certified Pediatric Nurse Practitioner, Certified Registered Nurse Practitioner, Dermatology Nurse Practitioner, Electrophysiology Nurse

Educational Requirement: Nurse anesthetists, nurse midwives, and nurse practitioners must earn at least a masters degree in one of the APRN roles. They must also be licensed in their state and pass a national certification exam.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1171	Nurse Practitioners	1,467	2,017	550	37.49%	146

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$44.71	\$92,990	\$55.95	\$116,370	\$56.75	\$118,040

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.3802	Nursing Administration.	Master's degree	Saint Joseph's USM	79 0	57 1	38 0	27 0	22 0
		Post-Master's certificates	Saint Joseph's USM	1 0	0 0	0 0	0 0	0 0
51.3803	Adult Health Nurse/Nursing.	Master's degree	USM	3	2	2	2	1
		Post-Master's certificates	USM	0	0	0	0	0
51.3805	Family Practice Nurse/Nursing.	Master's degree	Husson Saint Joseph's USM	7 84 23	9 92 23	12 59 24	12 43 22	21 34 18
		Post-Master's certificates	Husson Saint Joseph's USM	0 11 1	1 9 0	0 7 1	0 4 0	0 0 3
		Postbaccalaureate certifica..	Saint Joseph's					4
51.3808	Nursing Science.	Bachelor's degree	UMFK	95	147	121	178	169
51.381	Psychiatric/Mental Health Nurse/Nursing.	Master's degree	Husson USM	0 9	0 10	2 11	6 7	3 5
		Post-Master's certificates	Husson USM	0 2	5 0	4 0	0 0	2 1
51.3818	Nursing Practice.	Doctor's degree - research ..	USM	3	0	2	0	1
51.382	Clinical Nurse Leader.	Bachelor's degree	UMA	19	23	24	13	23
		Master's degree	USM	1	0	0	0	0
		Post-Master's certificates	USM	0	0	0	0	0
51.3821	Geriatric Nurse/Nursing.	Master's degree	USM				0	0
		Post-Master's certificates	USM				0	0
51.3899	Registered Nursing, Nur..	Associate's degree	Maine College..	55				

29-1181 – Audiologists

Occupation Description: Assess and treat persons with hearing and related disorders. May fit hearing aids and provide auditory training. May perform research related to hearing problems.

Sample of reported job titles: Clinical Audiologist, Dispensing Audiologist, Educational Audiologist, Hearing Therapist, Licensed Audiologist, Pediatric Audiologist

Educational Requirement: Audiologists typically need a doctor of audiology degree (Au.D.) to enter the occupation. All states require audiologists to be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1181	Audiologists	53	59	6	11.32%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$32.59	\$67,790	\$39.99	\$83,190	\$41.37	\$86,050

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0201	Communication Sciences and Disorders, General.	Bachelor's degree	UMO	27	27	33	27	39
		Master's degree	UMO	17	15	16	14	14

29-1211 – Anesthesiologists

Occupation Description: Administer anesthetics and analgesics for pain management prior to, during, or after surgery.

Sample of reported job titles: Ambulatory Anesthesiologist, Anaesthesiologist, Anesthetist, Attending Anesthesiologist, Obstetrical Anesthesiologist, Staff Anesthetist

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1211	Anesthesiologists	123	115	-8	-6.5%	2

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
NA	NA	NA	NA	\$159.22	\$331,190

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1215 – Family Medicine Physicians

Occupation Description: Diagnose, treat, and provide preventive care to individuals and families across the lifespan. May refer patients to specialists when needed for further diagnosis or treatment.

Sample of reported job titles: Board Certified Family Physician, Family Physician, Family Practice Medical Doctor, Family Practice Physician, Family Practitioner, General Practitioner, GP Doctor

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1215	Family Medicine Physicians	769	732	-37	-4.81%	16

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$58.58	\$121,850	\$92.78	\$192,980	\$113.43	\$235,930

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1216 – General Internal Medicine Physicians

Occupation Description: Diagnose and provide nonsurgical treatment for a wide range of diseases and injuries of internal organ systems. Provide care mainly for adults and adolescents, and are based primarily in an outpatient care setting.

Sample of reported job titles: General Internal Medicine Doctor, General Internist, Internal Medicine Physician, Internist

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1216	General Internal Medicine Physicians	237	217	-20	-8.44%	5

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$74.21	\$154,360	\$114.90	\$239,000	\$116.44	\$242,190

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1218 – Obstetricians and Gynecologists

Occupation Description: Provide medical care related to pregnancy or childbirth. Diagnose, treat, and help prevent diseases of women, particularly those affecting the reproductive system. May also provide general care to women. May perform both medical and gynecological surgery functions.

Sample of reported job titles: Gynecological Oncologist, Gynecologist, Maternal-Fetal Medicine Physician, OB Specialist, OB/GYN, OB/GYN Physician, Obstetrician, Obstetrician/Gynecologist

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1218	Obstetricians and Gynecologists	152	140	-12	-7.89%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$84.60	\$175,980	\$155.96	\$324,400	\$142.41	\$296,210

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1221- Pediatricians, General

Occupation Description: Diagnose, treat, and help prevent diseases and injuries in children. May refer patients to specialists for further diagnosis or treatment, as needed.

Sample of reported job titles: General Pediatrician, Internal Medicine Pediatrician, Neonatal Doctor, Neonatologist, Paediatrician, Pediatric Cardiologist, Pediatricist, Primary Care Pediatrician

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1221	Pediatricians, General	138	129	-9	-6.52%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$60.66	\$126,160	\$109.28	\$227,310	\$95.40	\$198,420

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1223- Psychiatrists

Occupation Description: Diagnose, treat, and help prevent mental disorders.

Sample of reported job titles: Addiction Psychiatrist, Child Psychiatrist, Clinical Psychiatrist, Forensic Psychiatrist, Forensic Psychiatrist, Geriatric Psychiatrist, Geriatric Psychiatrist, Neuropsychiatrist, Pediatric Psychiatrist, Staff Psychiatrist

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1223	Psychiatrists	125	120	-5	-4%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$129.29	\$268,910	\$155.88	\$324,220	\$120.08	\$249,760

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1228- Physicians, All Other; and Ophthalmologists, Except Pediatric

Occupation Description: Physicians and surgeons diagnose and treat injuries or illnesses and address health maintenance.

Sample of reported job titles: Gastroenterologist, Immunologist, Nephrologist, Oncologist, Psychiatrist, Pulmonary Physician, Pulmonologist, Rheumatologist

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	2,312	2,247	-65	-2.81%	57

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$33.86	\$70,420	\$113.99	\$237,090	\$111.30	\$231,500

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1248- Surgeons, Except Ophthalmologists

Occupation Description: Physicians and surgeons diagnose and treat injuries or illnesses and address health maintenance.

Sample of reported job titles: Orthopedic Surgeons, Pediatric Surgeons

Educational Requirement: Physicians and surgeons typically need a bachelors degree as well as a medical degree, which takes an additional 4 years to complete. Depending on their specialty, they also need 3 to 9 years in internship and residency programs.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1248	Surgeons, Except Ophthalmologists	257	239	-18	-7%	5

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
NA	NA	NA	NA	\$143.17	\$297,800

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1202	Osteopathic Medicine/O..	Doctor's degree - professio..	UNE	118	161	174	177	168

29-1292- Dental Hygienists

Occupation Description: Administer oral hygiene care to patients. Assess patient oral hygiene problems or needs and maintain health records. Advise patients on oral health maintenance and disease prevention. May provide advanced care such as providing fluoride treatment or administering topical anesthesia.

Sample of reported job titles: Oral Hygienist, RDH, Registered Dental Hygienist

Educational Requirement: Dental hygienists typically need an associates degree in dental hygiene. Programs usually take 3 years to complete.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1292	Dental Hygienists	974	999	25	2.57%	62

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$27.80	\$57,830	\$34.44	\$71,640	\$39.12	\$81,360

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0602	Dental	Associate's degree	UMA	17	17	17	13	18
	Hygiene/Hygienist.	Bachelor's degree	UMA	8	7	5	1	7
			UNE	43	45	22	41	42

29-1298- Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other

Occupation Description: All healthcare diagnosing or treating practitioners not listed separately.

Sample of reported job titles: Homeopathic Doctor, Hypnotherapist, Naturopath, Naturopathic Doctor, Naturopathic Physician

Educational Requirement: Education levels vary but typically require at least a masters degree.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	434	443	9	2.07%	27

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$27.63	\$57,470	\$34.52	\$71,810	\$54.44	\$113,230

Schools and Program Completers by Degree: NA

29-2010- Clinical Laboratory Technologists and Technicians

Occupation Description: Perform routine or complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff.

Sample of reported job titles: Blood Bank Laboratory Technologist, Biochemistry Technologist

Educational Requirement: Clinical laboratory technologists typically need a bachelors degree. Technicians usually need an associates degree or a postsecondary certificate.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2010	Clinical Laboratory Technologists and Technicians	1,382	1,398	16	1.16%	90

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$20.48	\$42,590	\$28.07	\$58,390	\$27.36	\$56,910

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0802	Clinical/Medical Laboratory Assistant.	Associate's degree	UMA	9	8	9	3	7
			UMPI	3	1	3	3	9
		Awards of at least 1 but les..	SMCC				0	
		Awards of at least 900 but ..	SMCC					0
51.1005	Clinical Laboratory Scie..	Bachelor's degree	UMO	5	7	4	3	5
51.1099	Clinical/Medical Laborat..	Bachelor's degree	UNE	0	0	2	0	0

29-2031- Cardiovascular Technologists and Technicians

Occupation Description: Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic, therapeutic, or research purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests.

Sample of reported job titles: Cardiac Catheterization Laboratory Technologist, Cardiac Catheterization Technologist, Cardiac Monitor Technician, Cardiac Technician, Cardiopulmonary Technologist, Cardiovascular Interventional Technologist, Cardiovascular Technologist, EKG Technician

Educational Requirement: Diagnostic medical sonographers and cardiovascular technologists and technicians, including vascular technologists, need formal education, such as an associates degree or a postsecondary certificate. Many employers also require professional certification.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2031	Cardiovascular Technologists and Technicians	185	191	6	3.24%	14

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$22.70	\$47,210	\$31.18	\$64,850	\$29.82	\$62,020

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0901	Cardiovascular Technol..	Associate's degree	SMCC	10	7	11	12	8

29-2032- Diagnostic Medical Sonographers

Occupation Description: Produce ultrasonic recordings of internal organs for use by physicians. Includes vascular technologists.

Sample of reported job titles: Cardiac/Vascular Sonographer, Echocardiogram Technician, Echocardiographer, Echocardiographic Technologist, Echocardiography Technician, Echocardiography Technologist, Registered Diagnostic Medical Sonographer, Sonographer, Ultrasonographer, Ultrasound Tech

Educational Requirement: Diagnostic medical sonographers and cardiovascular technologists and technicians, including vascular technologists, need formal education, such as an associates degree or a postsecondary certificate. Many employers also require professional certification.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2032	Diagnostic Medical Sonographers	387	429	42	10.85%	33

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$30.68	\$63,820	\$37.29	\$77,570	\$38.79	\$80,680

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2019	2020
51.091	Diagnostic Medical Sonography/	Awards of at least 1 but les..	KVCC	8		
	Sonographer and Ultras..	Awards of at least 2 but < 4..	Maine College..		0	
		Awards of at least 900 but ..	Maine College..			0

29-2033- Nuclear Medicine Technologists

Occupation Description: Prepare, administer, and measure radioactive isotopes in therapeutic, diagnostic, and tracer studies using a variety of radioisotope equipment. Prepare stock solutions of radioactive materials and calculate doses to be administered by radiologists. Subject patients to radiation. Execute blood volume, red cell survival, and fat absorption studies following standard laboratory techniques.

Sample of reported job titles: Certified Nuclear Medicine Technologist, Isotope Technologist, Nuclear Cardiology Technologist, Nuclear Medical Technologist, Radioisotope Technologist, Registered Nuclear Medicine Technologist

Educational Requirement: Nuclear medicine technologists typically need an associate's degree from an accredited nuclear medicine technology program. Formal education programs in nuclear medicine technology or a related healthcare field lead to a certificate, an associate's degree, or a bachelor's degree.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2033	Nuclear Medicine Technologists	109	112	3	2.75%	8

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$29.54	\$61,440	\$36.45	\$75,820	\$40.79	\$84,850

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018
51.0905	Nuclear Medical Techn..	Associate's degree	Maine College..	2	2	1

29-2034- Radiologic Technologists and Technicians

Occupation Description: Take x-rays and CAT scans or administer nonradioactive materials into patient's bloodstream for diagnostic or research purposes. Includes radiologic technologists and technicians who specialize in other scanning modalities.

Sample of reported job titles: Computed Axial Tomography Technologist, Computed Tomography (CT) Scanner Operator, Radiologic Technician, Registered Radiologic Technologist, Skiagrapher, X-Ray Technician

Educational Requirement: Radiologic technologists and MRI technologists typically need an associates degree. MRI technologists also typically need several years of related work experience. Employers typically require or prefer to hire technologists who are certified.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2034	Radiologic Technologists	1,159	1,182	23	1.98%	84

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$24.71	\$51,400	\$30.19	\$62,780	\$31.97	\$66,490

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0907	Medical Radiologic Tec..	Associate's degree	SMCC	6	0	0	0	0
51.0911	Radiologic Technology/Science - Radiographer.	Associate's degree	EMCC	16	15	13	11	14
			KVCC	10	14	14	11	20
			Maine College..	20	19	17	19	21
			SMCC	11	15	14	19	18
			Saint Joseph's	6	2	4	3	0
		Awards of 300-899 clock h..	Maine College..					0
		Bachelor's degree	Saint Joseph's	19	27	25	37	24
51.0919	Mammography Technology/Technician.	Awards of 300-899 clock h..	Maine College..					0
		Awards of < 1 academic ye..	Maine College..				0	

29-2035- Magnetic Resonance Imaging Technologists

Occupation Description: Operate Magnetic Resonance Imaging (MRI) scanners. Monitor patient safety and comfort, and view images of area being scanned to ensure quality of pictures. May administer gadolinium contrast dosage intravenously. May interview patient, explain MRI procedures, and position patient on examining table. May enter into the computer data such as patient history, anatomical area to be scanned, orientation specified, and position of entry.

Sample of reported job titles: Computed Tomography/Magnetic Resonance Imaging (CT/MRI) Technologist, MRI Technologist

Educational Requirement: Radiologic technologists and MRI technologists typically need an associates degree. MRI technologists also typically need several years of related work experience. Employers typically require or prefer to hire technologists who are certified.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2035	Magnetic Resonance Imaging Technologists	193	191	-2	-1.04%	13

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$27.87	\$57,970	\$34.68	\$72,130	\$37.41	\$77,820

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0907	Medical Radiologic Tec..	Associate's degree	SMCC	6	0	0	0	0

29-2040- Emergency Medical Technicians and Paramedics

Occupation Description: Assess injuries and illnesses and administer basic or advanced emergency medical care. May transport injured or sick persons to medical facilities. May administer medication intravenously, use equipment such as EKGs, or administer advanced life support to sick or injured individuals.

Sample of reported job titles: EMT, EMT-B, EMT-I/85, EMT-I/99, Flight Paramedic

Educational Requirement: Emergency medical technicians (EMTs) and paramedics typically complete a postsecondary educational program.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2040	Emergency Medical Technicians and Paramedics	1,490	1,518	28	1.88%	101

Occupational Wages:

Emergency Medical Technicians

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.53	\$28,140	\$15.73	\$32,710	\$17.64	\$36,690

Paramedics

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$17.17	\$35,710	\$21.92	\$45,590	\$23.80	\$49,500

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).	Associate's degree	Beal					0
			EMCC	8	5	5	3	7
			KVCC	2	6	4	4	4
			NMCC	7	7	1	1	1
		Awards of 300-899 clock hours	SMCC	21	13	14	11	19
			EMCC					0
			KVCC					17
			NMCC					0
		Awards of < 1 academic ye..	EMCC			0	0	
		Awards of at least 1 but less than 2 years	EMCC	0	0			
			KVCC	10	16	15	9	
			NMCC	0	4	4	2	
		Awards of at least 900 but ..	NMCC					0

29-2051- Dietetic Technicians

Occupation Description: Assist in the provision of food service and nutritional programs, under the supervision of a dietitian. May plan and produce meals based on established guidelines, teach principles of food and nutrition, or counsel individuals.

Sample of reported job titles: Clinical Dietetic Technician, Cook Chill Technician, Dietary Aide, Dietary Technician, DTR, Nutrition Technician, Registered Diet Technician

Educational Requirement: Dietetic Technicians typically require an associates degree.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2051	Dietetic Technicians	113	117	4	3.54%	8

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$15.79	\$32,830	\$17.98	\$37,390	\$16.42	\$34,160

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.3103	Dietetic Technician.	Associate's degree	SMCC	11	11	14	13	14

29-2052- Pharmacy Technicians

Occupation Description: Prepare medications under the direction of a pharmacist. May measure, mix, count out, label, and record amounts and dosages of medications according to prescription orders.

Sample of reported job titles: Certified Pharmacy Technician, CPHT, Pharmacist Technician, Pharmacy Laboratory Technician

Educational Requirement: Pharmacy technicians usually need a high school diploma or equivalent and learn their duties through on-the-job training, or they may complete a postsecondary education program in pharmacy technology.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2052	Pharmacy Technicians	2,073	2,201	128	6.17%	163

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.78	\$28,650	\$16.93	\$35,220	\$18.25	\$37,970

Schools and Program Completers by Degree: NA

29-2053- Psychiatric Technicians

Occupation Description: Care for individuals with mental or emotional conditions or disabilities, following the instructions of physicians or other health practitioners. Monitor patients' physical and emotional well-being and report to medical staff. May participate in rehabilitation and treatment programs, help with personal hygiene, and administer oral or injectable medications.

Sample of reported job titles: Behavioral Health Technician, Mental Health Technician

Educational Requirement: Psychiatric technicians typically need a postsecondary certificate, and aides need at least a high school diploma or equivalent. Both technicians and aides get on-the-job training.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2053	Psychiatric Technicians	816	819	3	0.37%	57

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.68	\$28,460	\$16.22	\$33,730	\$18.27	\$38,000

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1502	Psychiatric/Mental Health Services Technician.	Associate's degree	UMA	9	9	3	7	5
		Awards of 300-899 clock h..	UMA					2
		Bachelor's degree	UMA	110	89	91	76	76

29-2055- Surgical Technologists

Occupation Description: Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeons' assistants, hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments.

Sample of reported job titles: Certified Surgical Technologist, Operating Room Technician, OR Tech, Surgical Scrub Technologist

Educational Requirement: Surgical technologists typically need a postsecondary nondegree award or an associates degree. Certification can be beneficial in finding a job.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2055	Surgical Technologists	536	546	10	1.87%	39

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$21.96	\$45,670	\$26.23	\$54,560	\$25.77	\$53,590

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0909	Surgical Technology/Technologist.	Associate's degree	EMCC	8	9	11	9	10
			SMCC	5	4	3	3	2

29-2057- Ophthalmic Medical Technicians

Occupation Description: Assist ophthalmologists by performing ophthalmic clinical functions. May administer eye exams, administer eye medications, and instruct the patient in care and use of corrective lenses.

Sample of reported job titles: Ocular Care Technologist, Ophthalmic Technologist

Educational Requirement: Ophthalmic Medical Technicians typically require a postsecondary nondegree award.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2057	Ophthalmic Medical Technicians	377	373	-4	-1.06%	26

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$15.42	\$32,070	\$20.04	\$41,690	\$19.77	\$41,120

Schools and Program Completers by Degree: NA

29-2061- Licensed Practical and Licensed Vocational Nurses

Occupation Description: Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.

Sample of reported job titles: Licensed Practical Nurse, Licensed Vocational Nurse, LP Nurse, LPN, LVN, Pediatric Licensed Practical Nurse, Triage Licensed Practical Nurse

Educational Requirement: Licensed practical and licensed vocational nurses must complete a state-approved educational program, which typically takes about 1 year to complete. They must be licensed.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2061	Licensed Practical and Licensed Vocational Nurses	1,096	1,162	66	6.02%	92

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$19.41	\$40,370	\$24.42	\$50,790	\$24.93	\$51,850

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.3901	Licensed Practical/Vocational Nurse Training.	Awards of at least 1 but les..	Maine College..				0	
		Awards of at least 900 but < 1,800 clock hours	Maine College..					7
			NMCC					15
51.3999	Practical Nursing, Vocat..	Awards of at least 1 but les..	CMCC	0	0	0		

29-2081- Opticians, Dispensing

Occupation Description: Design, measure, fit, and adapt lenses and frames for client according to written optical prescription or specification. Assist client with inserting, removing, and caring for contact lenses. Assist client with selecting frames. Measure customer for size of eyeglasses and coordinate frames with facial and eye measurements and optical prescription. Prepare work order for optical laboratory containing instructions for grinding and mounting lenses in frames. Verify exactness of finished lens spectacles. Adjust frame and lens position to fit client. May shape or reshape frames. Includes contact lens opticians.

Sample of reported job titles: Certified Optician, Contact Lens Fitter, Eyeglass Fitter, Licensed Dispensing Optician, Licensed Optical Dispenser, Licensed Optician, Optical Dispenser, Optician

Educational Requirement: Opticians typically have a high school diploma or equivalent and some form of on-the-job training. Some opticians enter the occupation with an associates degree or a certificate from a community college or technical school.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2081	Opticians, Dispensing	411	411	0	0%	31

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$15.74	\$32,740	\$19.97	\$41,540	\$20.70	\$43,060

Schools and Program Completers by Degree: NA

29-2091- Orthotists and Prosthetists

Occupation Description: Design, measure, fit, and adapt orthopedic braces, appliances or prostheses, such as limbs or facial parts for patients with disabling conditions.

Sample of reported job titles: American Board Certified Orthotist, Artificial Limb Fitter, Certified Orthotic Fitter, Certified Prosthetist/Orthotist, Licensed Prosthetist, Orthotic/Prosthetic Practitioner, Orthotist, Pedorthist, Prosthetist

Educational Requirement: Orthotists and prosthetists typically need a masters degree and certification to enter the occupation. Both orthotists and prosthetists must complete a residency before they can be certified.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2091	Orthotists and Prosthetists	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$22.19	\$46,150	\$36.33	\$75,560	\$38.38	\$79,820

Schools and Program Completers by Degree: NA

29-2092- Hearing Aid Specialists

Occupation Description: Select and fit hearing aids for customers. Administer and interpret tests of hearing. Assess hearing instrument efficacy. Take ear impressions and prepare, design, and modify ear molds.

Sample of reported job titles: Hearing Aid Fitter, Hearing Aid Technician, Hearing Instrument Specialist

Educational Requirement: Hearing Aid Specialists typically require postsecondary nondegree award.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2092	Hearing Aid Specialist	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$18.72	\$38,930	\$20.46	\$42,550	\$28.83	\$59,960

Schools and Program Completers by Degree: NA

29-2098- Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other

Occupation Description: All health technologists and technicians not listed separately.

Sample of reported job titles: Dialysis Technician, Electroencephalogram (EEG) Technologist, Electroneurodiagnostic Technologist, Encephalographer, Perfusionist, Polysomnograph Tech, Health Information Coder

Educational Requirement: Medical records and health information specialists typically need a postsecondary certificate to enter the occupation, although some qualify with a high school diploma. Others need an associates or higher degree. Certification is often required.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,952	1,974	22	1.13%	140

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$15.97	\$33,210	\$23.40	\$48,660	\$23.67	\$49,230

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0706	Health Information/Medi..	Bachelor's degree	UMF	0	2	0	0	
51.0707	Health Information/Medical Records Technology/Technician.	Associate's degree	Beal	7	11	17	17	8
			KVCC	15	12	11	8	13
			NMCC	2	1			
			SMCC	4	3	0	0	0
			YCCC	6	3	5	5	1
		Awards of at least 1 but less than 2 years	KVCC	0	3	0	0	
			UMA	0	1	0	0	
		Awards of at least 900 but ..	UMA					0
		Bachelor's degree	Beal					0
51.0713	Medical Insurance Coding Specialist/Coder.	Associate's degree	CMCC	18	12	11	5	12
			EMCC				13	10
		Awards of 300-899 clock h..	EMCC					1
		Awards of at least 1 but less than 2 years	CMCC	3	7	5	6	
			EMCC				4	
			KVCC				5	
			NMCC	0	7	8	9	
		Awards of at least 900 but < 1,800 clock hours	CMCC					3
			KVCC					1
			NMCC					8
51.0907	Medical Radiologic Tec..	Associate's degree	SMCC	6	0	0	0	0
51.0908	Respiratory Care Therapy/Therapist.	Associate's degree	KVCC	12	13			8
			SMCC	13	13	13	13	14
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other.	Associate's degree	NMCC	3	2	0	0	1
			UMFK	0	0	0	1	1
		Awards of 300-899 clock hours	NMCC					0
			USM					0
		Awards of < 1 academic ye..	USM	10	16	6	4	
		Awards of at least 1 but les..	NMCC	14	0	0	0	
		Awards of at least 900 but ..	NMCC					0
		Bachelor's degree	USM	67	57	64	68	66

29-9091- Athletic Trainers

Occupation Description: Evaluate and treat musculoskeletal injuries or illnesses. Provide preventive, therapeutic, emergency, and rehabilitative care.

Sample of reported job titles: Certified Athletic Trainer, Clinical Athletic Instructor, Resident Athletic Trainer

Educational Requirement: Athletic trainers typically need at least a bachelors degree, and masters degrees are common.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-9091	Athletic Trainers	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
NA	\$41,040	NA	\$51,810	NA	\$54,650

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0913	Athletic Training/Trainer.	Bachelor's degree	UMO	5	3	7	5	6
			UMPI	5	5	9	9	3
			UNE	31	17	20	26	20
			USM	13	12	13	14	9
		Master's degree	USM					0

29-9092- Genetic Counselors

Occupation Description: Assess individual or family risk for a variety of inherited conditions, such as genetic disorders and birth defects. Provide information to other healthcare providers or to individuals and families concerned with the risk of inherited conditions. Advise individuals and families to support informed decisionmaking and coping methods for those at risk. May help conduct research related to genetic conditions or genetic counseling.

Sample of reported job titles: Certified Genetic Counselor, Chromosomal Disorders Counselor, Mitochondrial Disorders Counselor, Prenatal Genetic Counselor

Educational Requirement: Genetic counselors typically need a masters degree in genetic counseling or genetics, along with board certification.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-9092	Genetic Counselors	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$37.18	\$77,330	\$37.63	\$78,260	\$41.65	\$86,640

Schools and Program Completers by Degree: NA

29-9098- Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, All Other

Occupation Description: All healthcare practitioners and technical workers not listed separately.

Sample of reported job titles: Surgical Assistant, Podiatric Technician

Educational Requirement: Medical records and health information specialists typically need a postsecondary certificate to enter the occupation, although some qualify with a high school diploma. Others need an associates or higher degree. Certification is often required.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, & Healthcare Practitioners, All Other	328	345	17	5.18%	25

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$15.44	\$32,120	\$34.12	\$70,960	\$31.19	\$64,880

Schools and Program Completers by Degree: NA

31-1120- Home Health and Personal Care Aides

Occupation Description: Monitor the health status of an individual with disabilities or illness, and address their routine health-related and person care needs, such as changing bandages, dressing wounds, or administering medication; or providing personalized assistance with routine personal care and activities of daily living support (e.g. feeding, bathing, dressing, grooming, toileting, and ambulation).

Sample of reported job titles: Home Health Attendant, Home Hospice Aide, Blind Aide, Blind Escort, Elderly Companion, Geriatric Personal Care Aide, Personal Support Worker

Educational Requirement: Home health and personal care aides typically need a high school diploma or equivalent, but some positions do not require it. Those working in certified home health or hospice agencies may need to complete formal training or pass a standardized test.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-1120	Home Health and Personal Care Aides	17,380	18,691	1311	7.54%	2,307

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.58	\$28,250	\$15.26	\$31,730	\$14.07	\$29,260

Schools and Program Completers by Degree: NA

31-1131- Nursing Assistants

Occupation Description: Provide or assist with basic care or support under the direction of onsite licensed nursing staff. Perform duties such as monitoring of health status, feeding, bathing, dressing, grooming, toileting, or ambulation of patients in a health or nursing facility. May include medication administration and other health-related tasks. Includes nursing care attendants, nursing aides, and nursing attendants.

Sample of reported job titles: C.N.A., Certified Nurse Aide, Certified Nursing Assistant, Hospital Aide, Hospital Attendant, Nursing Aide, Nursing Attendant, Nursing Care Attendant

Educational Requirement: Nursing assistants often need to complete a state-approved education program and pass their state competency exam to become licensed or certified. Orderlies typically have at least a high school diploma.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-1131	Nursing Assistants	9,503	10,107	604	6.36%	1,243

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.00	\$29,130	\$16.52	\$34,360	\$15.99	\$33,250

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019
51.3902	Nursing Assistant/Aide ..	Awards of < 1 academic ye..	Maine College..	22	13	12	0
51.3999	Practical Nursing, Vocat..	Awards of at least 1 but les..	CMCC	0	0	0	

31-1132- Orderlies

Occupation Description: Transport patients to areas such as operating rooms or x-ray rooms using wheelchairs, stretchers, or moveable beds. May maintain stocks of supplies or clean and transport equipment.

Sample of reported job titles: Emergency Room Orderly, Hospital Orderly, Medical Orderly, Surgical Orderly

Educational Requirement: Nursing assistants often need to complete a state-approved education program and pass their state competency exam to become licensed or certified. Orderlies typically have at least a high school diploma.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-1132	Orderlies	198	207	9	4.55%	26

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.83	\$28,770	\$15.12	\$31,440	\$16.08	\$33,440

Schools and Program Completers by Degree: NA

31-1133- Psychiatric Aides

Occupation Description: Assist mentally impaired or emotionally disturbed patients, working under direction of nursing and medical staff. May assist with daily living activities, lead patients in educational and recreational activities, or accompany patients to and from examinations and treatments. May restrain violent patients. Includes psychiatric orderlies.

Sample of reported job titles: Mental Health Orderly, Psychiatric Nursing Aide, Psychiatric Orderly, Psychiatric Technician Assistant

Educational Requirement: Psychiatric technicians typically need a postsecondary certificate, and aides need at least a high school diploma or equivalent. Both technicians and aides get on-the-job training.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-1133	Psychiatric Aides	311	323	12	3.86%	39

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.35	\$29,850	\$17.69	\$36,790	\$16.65	\$34,640

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1502	Psychiatric/Mental Health Services Technician.	Associate's degree	UMA	9	9	3	7	5
		Awards of 300-899 clock h..	UMA					2
		Bachelor's degree	UMA	110	89	91	76	76

31-2011- Occupational Therapy Assistants

Occupation Description: Assist occupational therapists in providing occupational therapy treatments and procedures. May, in accordance with state laws, assist in development of treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments. Generally requires formal training.

Sample of reported job titles: Certified Occupational Therapy Assistant, COTA, Licensed Occupational Therapy Assistant, Occupational Therapist Assistants

Educational Requirement: Occupational therapy assistants need an associates degree from an accredited occupational therapy assistant program. Occupational therapy aides typically need a high school diploma or equivalent and receive training on the job.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-2011	Occupational Therapy Assistants	164	203	39	23.78%	26

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$22.23	\$46,230	\$27.04	\$56,250	\$30.56	\$63,560

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0803	Occupational Therapist ..	Associate's degree	KVCC	15	18	16	14	9

31-2012- Occupational Therapy Aides

Occupation Description: Under close supervision of an occupational therapist or occupational therapy assistant, perform only delegated, selected, or routine tasks in specific situations. These duties include preparing patient and treatment room.

Sample of reported job titles: Certified Occupational Rehabilitation Aide, Occupational Rehabilitation Aide, Occupational Therapist Aide, OT Aide, Rehabilitation Services Aide

Educational Requirement: Occupational therapy assistants need an associates degree from an accredited occupational therapy assistant program. Occupational therapy aides typically need a high school diploma or equivalent and receive training on the job.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-2012	Occupational Therapy Aides	21	23	2	9.52%	3

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$16.55	\$34,430	\$22.09	\$45,960	\$18.86	\$39,230

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019
51.2604	Rehabilitation Aide.	Associate's degree	UMA	4	1	4	0

31-2021- Physical Therapist Assistants

Occupation Description: Assist physical therapists in providing physical therapy treatments and procedures. May, in accordance with state laws, assist in the development of treatment plans, carry out routine functions, document the progress of treatment, and modify specific treatments in accordance with patient status and within the scope of treatment plans established by a physical therapist. Generally requires formal training.

Sample of reported job titles: Licensed Physical Therapist Assistant, LPTA, Physical Therapy Assistant, Physical Therapy Technician, Physiotherapy Assistant

Educational Requirement: Physical therapist assistants entering the occupation typically need an associates degree from an accredited program and a license or certification. Physical therapist aides usually need a high school diploma or equivalent and on-the-job training.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-2021	Physical Therapist Assistants	320	392	72	22.5%	49

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$22.62	\$47,050	\$26.60	\$55,330	\$29.20	\$60,740

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0806	Physical Therapy Assistant.	Associate's degree	KVCC	14	19	19	14	15
			UMPI	10	10	11	4	9

31-2022- Physical Therapist Aides

Occupation Description: Under close supervision of a physical therapist or physical therapy assistant, perform only delegated, selected, or routine tasks in specific situations. These duties include preparing the patient and the treatment area.

Sample of reported job titles: Clinical Rehabilitation Aide, Physical Therapy Aide, Physiotherapy Aide

Educational Requirement: Physical therapist assistants entering the occupation typically need an associates degree from an accredited program and a license or certification. Physical therapist aides usually need a high school diploma or equivalent and on-the-job training.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-2022	Physical Therapist Aides	54	59	5	9.26%	6

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.75	\$28,590	\$17.81	\$37,040	\$14.60	\$30,370

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019
51.2604	Rehabilitation Aide.	Associate's degree	UMA	4	1	4	0

31-9011- Massage Therapists

Occupation Description: Perform therapeutic massages of soft tissues and joints. May assist in the assessment of range of motion and muscle strength, or propose client therapy plans.

Sample of reported job titles: Deep Tissue Massage Therapist, Licensed Massage Practitioner, Licensed Massage Therapist, Masseur, Masseuse, Massotherapist, Rolfer

Educational Requirement: Massage therapists typically complete a postsecondary education program of 500 or more hours of study and experience.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9011	Massage Therapists	565	673	108	19.12%	79

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.32	\$29,790	\$22.66	\$47,130	\$23.68	\$49,260

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016
51.3501	Massage Therapy/Ther..	Awards of at least 1 but les..	KVCC	0

31-9091- Dental Assistants

Occupation Description: Perform limited clinical duties under the direction of a dentist. Clinical duties may include equipment preparation and sterilization, preparing patients for treatment, assisting the dentist during treatment, and providing patients with instructions for oral healthcare procedures. May perform administrative duties such as scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes.

Sample of reported job titles: Certified Dental Assistant, Dental Aide, Expanded Functions Dental Assistant, Orthodontic Assistant, Orthodontist Assistant, Registered Dental Assistant, Surgical Dental Assistant

Educational Requirement: There are several possible paths to becoming a dental assistant. Some states require assistants to graduate from an accredited program and pass an exam.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9091	Dental Assistants	1,211	1,248	37	3.06%	146

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$17.33	\$36,050	\$21.14	\$43,960	\$20.44	\$42,510

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0601	Dental	Associate's degree	UMA	6	9	8	7	6
	Assisting/Assistant.	Awards of at least 1 but les..	UMA	14	8	8	9	
		Awards of at least 900 but ..	UMA					5

31-9092- Medical Assistants

Occupation Description: Perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing, and coding information for insurance purposes. Clinical duties may include taking and recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician.

Sample of reported job titles: Autopsy Assistant, Certified Medical Assistant, Chiropractic Assistant, Clinical Medical Assistant, Morgue Attendant, Ocular Care Aide, Optometric Aide, Optometrist Assistant, Optometry Assistant, Orthopedic Cast Specialist, Podiatric Aide

Educational Requirement: Most medical assistants have postsecondary education such as a certificate. Others enter the occupation with a high school diploma and learn through on-the-job training.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9092	Medical Assistants	4,107	4,427	320	7.79%	526

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$16.13	\$33,550	\$18.74	\$38,990	\$18.36	\$38,190

Schools and Program Completers by Degree: Next Page

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0801	Medical/Clinical Assistant.	Associate's degree	Beal	49	30	25	26	11
			CMCC	29	23	12	10	12
			EMCC	16	22	34	25	22
			KVCC	16	21	17	16	9
			NMCC	15	14	20	13	11
			SMCC	27	24	19	25	27
			WCCC	15	12	5	5	15
			YCCC	12	12	11	6	12
		Awards of at least 1 but less than 2 years	EMCC				1	
			KVCC				14	
			SMCC				5	
		Awards of at least 900 but < 1,800 clock hours	Beal					5
			EMCC					0
			KVCC					27
			SMCC					0

31-9093- Medical Equipment Preparers

Occupation Description: Prepare, sterilize, install, or clean laboratory or healthcare equipment. May perform routine laboratory tasks and operate or inspect equipment.

Sample of reported job titles: Central Sterile Supply Technician, Certified Registered Central Service Technician, Health Equipment Servicer, Medical Supply Technician, Oxygen Equipment Preparer, Sterile Preparation Technician, Sterile Processing and Distribution Technician

Educational Requirement: Medical equipment preparers typically require a postsecondary nondegree award.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9093	Medical Equipment Preparers	658	671	13	1.98%	82

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.41	\$29,980	\$18.38	\$38,240	\$20.40	\$42,420

Schools and Program Completers by Degree: NA

31-9094- Medical Transcriptionists

Occupation Description: Transcribe medical reports recorded by physicians and other healthcare practitioners using various electronic devices, covering office visits, emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Transcribe dictated reports and translate abbreviations into fully understandable form. Edit as necessary and return reports in either printed or electronic form for review and signature, or correction.

Sample of reported job titles: Certified Medical Transcriptionist, Medical Record Transcriber, Medical Stenographer, Medical Transcriber, Pathology Transcriptionist, Radiology Transcriptionist, Registered Medical Transcriptionist

Educational Requirement: Medical transcriptionists typically need postsecondary education. Prospective medical transcriptionists must have an understanding of medical terminology, anatomy and physiology, grammar, and word-processing software.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9094	Medical Transcriptionists	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.43	\$30,010	\$18.09	\$37,630	\$16.45	\$34,220

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019
51.0708	Medical Transcription/Transcriptionist.	Associate's degree	Beal		0	1	0
			EMCC	1	0	0	0
		Awards of at least 1 but les..	Beal	0			

31-9095- Pharmacy Aides

Occupation Description: Record drugs delivered to the pharmacy, store incoming merchandise, and inform the supervisor of stock needs. May operate cash register and accept prescriptions for filling.

Sample of reported job titles: Certified Pharmacist Assistant, Pharmacist Aide, Pharmacist Assistant, Pharmacy Assistant, Pharmacy Clerk, Prescription Clerk

Educational Requirement: Pharmacy aides typically require a high school diploma or equivalent.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9095	Pharmacy Aides	NA	NA	NA	NA	NA

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.76	\$28,620	\$16.12	\$33,520	\$16.61	\$34,560

Schools and Program Completers by Degree: NA

31-9097- Phlebotomists

Occupation Description: Draw blood for tests, transfusions, donations, or research. May explain the procedure to patients and assist in the recovery of patients with adverse reactions.

Sample of reported job titles: Certified Phlebotomy Technician, Phlebotomy Technician, Venipuncturist

Educational Requirement: Phlebotomists typically enter the occupation with a postsecondary nondegree award from a phlebotomy program. Almost all employers look for phlebotomists who have earned professional certification.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9097	Phlebotomists	434	471	37	8.53%	57

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$14.14	\$29,400	\$16.42	\$34,160	\$18.49	\$38,450

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.1009	Phlebotomy Technician/Phlebotomist.	Awards of 300-899 clock hours	KVCC					12
			WCCC					2
		Awards of at least 1 but less than 2 years	KVCC	13	11	16	19	
			WCCC	6	4	6	1	

31-9099- Healthcare Support Workers, All Other

Occupation Description: All healthcare support workers not listed separately.

Sample of reported job titles: Ortho/Prosthetic Aide

Educational Requirement: Healthcare Support Workers, All Other typically require postsecondary nondegree award.

Occupational Outlook:

2020 Projected to 2030						
SOC Code	Occupation Title	Jobs		Job Change and Annual Openings		
		2020	Projected 2030	Net	Percent	Annual Openings
31-9099	Healthcare Support Workers, All Other	570	578	8	1.4%	71

Occupational Wages:

2021 Wages					
Maine				US	
Entry Level		Average		Average	
Hourly	Annual	Hourly	Annual	Hourly	Annual
\$13.76	\$28,620	\$16.88	\$35,110	\$19.56	\$40,690

Schools and Program Completers by Degree:

CIP Code	Title	Program Type	School	2016	2017	2018	2019	2020
51.0799	Health and Medical Ad..	Postbaccalaureate certifica..	UMO					0
51.0816	Speech-Language Path..	Associate's degree	KVCC	2		1	0	0
51.0899	Allied Health and Medical	Awards of < 1 academic ye..	SMCC				0	
	Assisting Services, Other.	Awards of at least 1 but les..	SMCC				0	
		Awards of at least 900 but ..	SMCC					10
51.2604	Rehabilitation Aide.	Associate's degree	UMA	4	1	4	0	

MAINE POST-SECONDARY OUTCOMES REPORT

The Maine Post-Secondary Outcomes report, MPSO, provides information on employment and wage outcomes for Maine workers who graduated from partnering post-secondary institutions. Metrics available include number of graduates, percentage who are employed in Maine, median wages (among graduates working full-time), industry of employment and average age at graduation. These outcomes are available by school, credential, area of study, outcome year and industry. This data comes from the Maine Education & Attainment Navigation System (MaineEarns).

The following MPSO report contains median wage outcome data for healthcare-related completers at three, five, and seven-years after graduation that are currently working full-time in the healthcare & social assistance sector of Maine. This data doesn't include completers who may be working in a different industry, state, part-time or in a non-payrolled structure like self-employed. This data is collected differently from the completions data that is included in the Health Occupational Data sheets and is only available for the current partnering institutions, the University of Maine System and the Maine Community College System. For more information, please visit <https://www.maine.gov/labor/cwri/mpso/index.html>.

MPSO Report for Healthcare-related Education Credentials

Area of Study	Credential	School	Outcome Year (Median Wages)		
			3	5	7
Athletic Training	Bachelor Degree	UMO	\$40,244	\$43,746	
		UMPI	\$34,168		
		USM	\$38,782	\$46,826	
Cardiovascular Technology	Associate in Science	SMCC	\$50,180	\$54,924	
Clinical Laboratory Sciences	Bachelor Degree	UMO	\$46,560	\$50,817	\$52,151
Communication Sciences & Disorders	Bachelor Degree	UMO	\$41,914	\$42,598	\$39,842
	Master's Degree	UMO	\$50,117	\$49,195	\$42,363
Community Health Education	Bachelor Degree	UMF	\$33,755	\$38,882	\$42,107
Dental Assisting	Associate Degree	UMA	\$35,920	\$41,358	
Dental Assisting Certificate	Certificate of 1-2 years	UMA	\$32,606	\$35,577	\$38,771
Dental Hygiene	Associate Degree	UMA	\$48,559	\$49,698	\$51,458
	Bachelor Degree	UMA	\$51,822	\$52,782	
Emergency Medical Services - Advanced EMT	Certificate	KVCC	\$39,415	\$46,851	\$44,424
Emergency Medical Services - Paramedic	Associate in Applied Science	EMCC	\$45,057		
		KVCC	\$47,485	\$53,543	
		SMCC	\$52,751	\$57,067	
	Certificate	KVCC	\$49,038	\$50,664	\$56,111
		SMCC	\$37,371	\$40,444	\$41,204
Health Information Management/Technology	Associate in Applied Science	SMCC	\$34,551		
Health Policy and Management	Post Bachelors	USM	\$56,950		
Health Science	Certificate	KVCC	\$38,403	\$44,999	\$41,564
Health Sciences	Bachelor Degree	USM	\$41,278	\$49,157	\$50,601
Medical Assisting	Associate in Applied Science	CMCC	\$27,274	\$28,938	\$31,814
		EMCC	\$30,572	\$33,725	\$36,683
		KVCC	\$28,725	\$30,321	\$30,034
		NMCC	\$29,230	\$30,068	
		SMCC	\$31,870	\$34,072	\$36,870
		WCCC	\$29,099	\$30,247	\$31,376
		YCCC	\$33,357	\$34,427	
Medical Coding	Certificate	NMCC	\$24,735	\$26,947	\$32,235
Medical Coding & Electronic Health Records	Associate in Applied Science	CMCC	\$35,941		
	Certificate	CMCC	\$27,084	\$27,033	
Medical Laboratory Technology	Associate Degree	UMA	\$44,789	\$48,781	\$48,195
		UMPI	\$41,525	\$43,418	
Medical Office Administration/Management	Associate in Applied Science	KVCC	\$25,263	\$26,843	
		NMCC	\$25,210	\$26,783	
Medical Office Technology	Associate in Applied Science	EMCC	\$30,675		
	Certificate	EMCC	\$26,610	\$28,088	\$29,621
		WCCC	\$29,259	\$28,969	
Mental Health	Associate in Applied Science	KVCC	\$32,748	\$33,729	\$32,184
Mental Health & Human Svcs	Associate Degree	UMA	\$29,698	\$33,452	\$35,221
	Bachelor Degree	UMA	\$34,070	\$35,754	\$36,244
Mental Health Rehab Tech/Comm	Certificate of 1-2 years	UMA	\$32,958	\$35,342	\$36,244
Nursing	Associate Degree	UMA	\$54,816	\$57,690	
	Associate in Science	CMCC	\$54,349	\$56,886	\$59,370
		EMCC	\$58,969	\$64,295	\$66,534
		KVCC	\$52,391	\$53,815	\$57,734
		NMCC	\$52,408	\$55,440	\$57,654
		SMCC	\$55,509	\$57,537	\$61,812
		UMA	\$64,383		
		UMFK	\$52,852	\$55,183	\$58,944
		UMO	\$59,875	\$63,995	\$69,334
		USM	\$56,645	\$58,324	\$61,722
	Master's Degree	UMO	\$93,333	\$93,717	
		USM	\$92,870	\$94,472	\$102,631
		CMCC	\$53,521	\$53,118	
Nursing - Practical Nursing	Diploma	CMCC	\$53,521	\$53,118	
Nursing (Traditional)	Bachelor Degree	UMFK	\$60,880	\$59,662	
Nursing (UMA Campus)	Bachelor Degree	UMFK	\$63,308		
Nursing Accelerated	Bachelor Degree	UMFK	\$53,805	\$52,123	
Nursing RN Upgrade	Bachelor Degree	UMFK	\$67,796	\$75,143	\$75,216
Nutrition & Dietetics	Associate in Science	SMCC	\$28,837	\$32,616	
Occupational Therapy	Master's Degree	USM	\$46,122	\$49,482	\$48,771
Occupational Therapy Assistant	Associate in Applied Science	KVCC	\$37,527	\$38,366	\$38,473
Phlebotomy	Certificate	KVCC	\$28,124	\$30,387	
Physical Therapist Assistant	Associate Degree	UMPI	\$41,922		
	Associate in Applied Science	KVCC	\$41,605	\$43,747	\$48,062
Public Health	Master's Degree	USM	\$66,040		
Radiation Therapy	Associate in Science	SMCC	\$55,742	\$57,738	
Radiologic Technology	Associate in Applied Science	CMCC	\$44,359	\$47,530	\$52,963
Radiologic Technology - Mammography	Advanced Certificate	KVCC	\$45,525	\$51,622	
Radiologic Technology/Medical Radiography	Associate in Science	EMCC	\$50,878	\$50,884	\$49,972
		KVCC	\$43,169	\$47,361	\$48,144
		SMCC	\$45,894	\$46,296	\$50,197
Recreation and Leisure Studies	Bachelor Degree	USM	\$38,597		
Rehabilitation Services	Bachelor Degree	UMF	\$31,394	\$33,816	\$38,306
Respiratory Therapy	Associate in Science	KVCC	\$50,561	\$52,232	\$47,354
		SMCC	\$48,791	\$49,180	\$49,282
Sonography	Advanced Certificate	KVCC	\$57,169	\$62,372	\$54,600
Substance Abuse Rehab Tech	Certificate of 1-2 years	UMA	\$30,722	\$34,306	\$33,159
Surgical Technology	Associate in Applied Science	EMCC	\$36,926	\$42,552	\$43,855
		SMCC	\$41,635	\$46,803	