

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Accountants and Auditors (13-2011):</b> Examine, analyze, and interpret accounting records to prepare or audit financial statements. Install or advise on systems of recording financial and budgetary data.	5,748	6,244	167	355	572	↑	\$25.48 \$36.67	Bachelor's degree	None	None	★	★	★	C	E	I	Finance
<b>Actors (27-2011):</b> Play parts in stage, television, radio, video, motion picture productions, or other settings for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement.	n	n	n	n	n	↗	n/a n/a	Some college, no degree	None	Long-term OJT	★	★		A	E		Arts, Audio-Visual Technology, and Communications
<b>Actuaries (15-2011):</b> Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates, and construct probability tables to forecast risk and liability for payment of future benefits.	61	76	1	3	6	↗	\$51.50 \$63.12	Bachelor's degree	None	Long-term OJT				C	I	E	Finance
<b>Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other (29-1298):</b> All other healthcare diagnosing or treating practitioners not listed separately, including Acupuncturists, Naturopathic Physicians, and Orthoptists.	146	163	7	2	11	↘	n/a n/a	Master's degree	None	None			★	I	R		Health Science
<b>Adhesive Bonding Machine Operators and Tenders (51-9191):</b> Operate or tend bonding machines that use adhesives to join items for further processing or to form a completed product.	n	n	n	n	n	↘	\$15.18 \$18.57	High school diploma or equivalent	None	Moderate-term OJT				R	C		Manufacturing
<b>Administrative Law Judges, Adjudicators, and Hearing Officers (23-1021):</b> Conduct hearings to recommend or make decisions on claims concerning government programs or related matters. Determine liability, sanctions, or penalties.	144	144	3	4	7	↓	\$24.39 \$31.01	Doctoral or professional degree	5 years or more	Short-term OJT	★			E	I	S	Law, Public Safety, Corrections, and Security
<b>Administrative Services and Facilities Managers (11-3010):</b> Plan, direct, or coordinate administrative services of an organization, such as records management, mail distribution, facility maintenance, custodial operations, and other office support, or functionalities of facilities and buildings including surrounding grounds.	1,027	1,124	30	54	94	↑	n/a n/a	Bachelor's degree	Less than 5 years	None	★	★		E	C		Business Management and Administration
<b>Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors (25-3011):</b> Teach or instruct out-of-school youths and adults in basic education, literacy, or English as a Second Language classes, or in classes for earning a high school equivalency credential.	183	186	11	10	21	↘	\$17.47 \$22.55	Bachelor's degree	None	None			★	S	A	E	Education and Training
<b>Advertising and Promotions Managers (11-2011):</b> Plan, direct, or coordinate advertising policies and programs or produce materials such as posters, contests, or coupons to create interest in the purchase of a product or service.	57	65	1	5	7	↗	\$11.88 \$38.62	Bachelor's degree	Less than 5 years	None				E	A	C	Marketing

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Advertising Sales Agents (41-3011):</b> Sell or solicit advertising space, time, or media in publications, signage, TV, radio, or Internet establishments or public spaces.	321	308	10	29	38	↗	\$12.95 \$23.31	High school diploma or equivalent	None	Moderate-term OJT				E	C	A	Marketing
<b>Aerospace Engineers (17-2011):</b> Perform a variety of engineering work in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture.	n	n	n	n	n	↓	\$42.94 \$50.93	Bachelor's degree	None	None	★	★	★	I	R		Science, Technology, Engineering, and Mathematics
<b>Agents and Business Managers of Artists, Performers, and Athletes (13-1011):</b> Represent and promote artists, performers, and athletes to prospective employers. May handle contract negotiation and other business matters for clients.	n	n	n	n	n	↗	\$29.03 \$36.27	Bachelor's degree	Less than 5 years	None			★	E	S		Arts, Audio-Visual Technology, and Communications
<b>Agricultural and Food Science Technicians (19-4011):</b> Work under supervision of agricultural scientists in food, fiber, and animal research. Assist with animal breeding and nutrition, and conduct tests and experiments to improve crop yield and quality or increase disease resistance in plants and animals.	20	23	0	2	2	↗	n/a n/a	Associate's degree	None	Moderate-term OJT				R	I	C	Agriculture, Food, and Natural Resources
<b>Agricultural Equipment Operators (45-2091):</b> Drive and control farm equipment to till soil and to plant, cultivate, and harvest crops. May operate stationary equipment to perform post-harvest tasks, such as husking, shelling, and threshing.	226	263	10	28	42	↑	n/a n/a	No formal educational credential	None	Moderate-term OJT	★			R			Agriculture, Food, and Natural Resources
<b>Agricultural Inspectors (45-2011):</b> Inspect agricultural commodities, processing equipment and facilities, and fish and logging operations to ensure compliance with regulations and laws governing health, quality, and safety.	n	n	n	n	n	↓	n/a n/a	Bachelor's degree	None	Moderate-term OJT	★	★		R	C	I	Government and Public Administration
<b>Agricultural Workers, All Other (45-2099):</b> All agricultural workers not listed separately.	20	22	1	2	3	↘	n/a n/a	No formal educational credential	None	Short-term OJT				R	E		Agriculture, Food, and Natural Resources
<b>Air Traffic Controllers (53-2021):</b> Control air traffic on and within vicinity of airport and movement of air traffic between altitude sectors and control centers according to established procedures and policies.	456	468	12	32	45	↗	\$51.82 \$78.38	Associate's degree	None	Long-term OJT	★	★		E	C		Transportation, Distribution, and Logistics
<b>Aircraft Cargo Handling Supervisors (53-1011):</b> Direct ground crew in loading, unloading, securing, and staging aircraft cargo or baggage. Determine the quantity and orientation of cargo and compute aircraft center of gravity. May accompany aircraft as member of flight crew.	36	41	1	3	4	↗	\$19.72 \$30.64	High school diploma or equivalent	Less than 5 years	None		★		E	R		Transportation, Distribution, and Logistics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Aircraft Mechanics and Service Technicians (49-3011):</b> Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.	333	382	10	19	34	↑	\$21.44 \$33.79	Postsecondary non-degree award	None	None	★	★		R	C	I	Transportation, Distribution, and Logistics	
<b>Aircraft Service Attendants and Transportation Workers, All Other (53-6098):</b> All transportation workers not listed separately, including Aircraft Service Attendants.	70	89	4	7	13	↗	n/a n/a	High school diploma or equivalent	None	Short-term OJT				R	E		Transportation, Distribution, and Logistics	
<b>Airfield Operations Specialists (53-2022):</b> Ensure the safe takeoff and landing of commercial and military aircraft. Coordinate between air-traffic control and maintenance; maintain flight records; use airfield landing and navigational aids; implement safety procedures; and apply weather knowledge.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	None	Long-term OJT	★	★		E	C	R	Transportation, Distribution, and Logistics	
<b>Airline Pilots, Copilots, and Flight Engineers (53-2011):</b> Pilot and navigate fixed-wing, multi-engine aircraft, usually on scheduled routes, for the transport of passengers and cargo. Requires FAA certificate and rating for specific aircraft type.	n	n	n	n	n	↘	\$71,279 \$128,918	Bachelor's degree	Less than 5 years	Moderate-term OJT		★		R	C	I	Transportation, Distribution, and Logistics	
<b>Ambulance Drivers and Attendants, Except Emergency Medical Technicians (53-3011):</b> Drive ambulance or assist ambulance driver in transporting sick, injured, or convalescent persons. Assist in lifting patients.	n	n	n	n	n	↘	\$13.90 \$17.25	High school diploma or equivalent	None	Moderate-term OJT	★			R	S		Transportation, Distribution, and Logistics	
<b>Amusement and Recreation Attendants (39-3091):</b> Perform a variety of duties at amusement or recreation facility. May schedule use of recreation facilities, maintain and provide equipment, or operate amusement concessions and rides.	1,190	1,620	137	157	337	↑	\$8.39 \$10.67	No formal educational credential	None	Short-term OJT				E	C	R	Hospitality and Tourism	
<b>Anesthesiologists (29-1061):</b> Physicians who administer anesthetics prior to, during, or after surgery or other medical procedures.	180	181	3	2	5	↓	n/a n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	R	S	Health Science	
<b>Animal Breeders (45-2021):</b> Select and breed animals according to their genealogy, characteristics, and offspring. May require knowledge of artificial insemination techniques and equipment use. May involve keeping records on heats, birth intervals, or pedigree.	22	25	1	3	4	↗	n/a n/a	High school diploma or equivalent	None	Short-term OJT				R	I		Agriculture, Food, and Natural Resources	
<b>Animal Caretakers (39-2021):</b> Feed, water, groom, bathe, exercise, or provide other care to promote and maintain the well-being of pets and other animals not raised for consumption, such as dogs, cats, race horses, ornamental fish or birds, zoo animals, and mice. Work in kennels, animal shelters, zoos, circuses, or aquariums.	1,564	2,204	121	156	341	↑	\$10.77 \$13.81	High school diploma or equivalent	None	Short-term OJT	★			R	C		Agriculture, Food, and Natural Resources	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Animal Control Workers (33-9011):</b> Handle animals for the purpose of investigations of mistreatment, or control of abandoned, dangerous, or unattended animals.	50	53	2	3	5	↘	\$14.18 \$19.09	High school diploma or equivalent	None	Moderate-term OJT				R	S	C	Law, Public Safety, Corrections, and Security
<b>Animal Scientists (19-1011):</b> Conduct research in the genetics, nutrition, reproduction, growth, and development of domestic farm animals.	n	n	n	n	n	↗	n/a n/a	Bachelor's degree	None	None				I	R		Agriculture, Food, and Natural Resources
<b>Animal Trainers (39-2011):</b> Train animals for riding, harness, security, performance, or obedience, or assisting persons with disabilities. Accustom animals to human voice and contact, and condition animals to respond.	182	227	10	15	29	↗	\$13.01 \$17.34	High school diploma or equivalent	None	Moderate-term OJT	★	★		R			Hospitality and Tourism
<b>Anthropologists and Archeologists (19-3091):</b> Study the origin, development, and behavior of human beings. May engage in systematic recovery and examination of material evidence, such as tools or pottery remaining from past human culture.	36	40	1	2	3	↘	\$22.68 \$24.15	Master's degree	None	None				I	A	R	Science, Technology, Engineering, and Mathematics
<b>Anthropology and Archeology Teachers, Postsecondary (25-1061):</b> Teach courses in anthropology or archeology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	n	n	n	n	n	↘	n/a n/a	Doctoral or professional degree	None	None		★		S	I		Education and Training
<b>Arbitrators, Mediators, and Conciliators (23-1022):</b> Facilitate negotiation and conflict resolution through dialogue. Resolve conflicts outside of the court system by mutual consent of parties involved.	n	n	n	n	n	↘	\$24.55 \$28.73	Bachelor's degree	Less than 5 years	Moderate-term OJT			★	S	E		Law, Public Safety, Corrections, and Security
<b>Architects, Except Landscape and Naval (17-1011):</b> Plan and design structures, such as private residences, office buildings, theaters, factories, and other structural property.	218	232	6	10	17	↘	\$24.71 \$37.61	Bachelor's degree	None	Internship/residency		★	★	A	I		Architecture and Construction
<b>Architectural and Civil Drafters (17-3011):</b> Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways and bridges.	558	575	17	36	55	↗	\$20.48 \$28.95	Associate's degree	None	None	★			R	C	A	Architecture and Construction
<b>Architectural and Engineering Managers (11-9041):</b> Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.	1,461	1,569	27	77	115	↗	\$53.55 \$78.43	Bachelor's degree	5 years or more	None		★		E	R	I	Science, Technology, Engineering, and Mathematics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Archivists (25-4011):</b> Appraise, edit, and direct safekeeping of permanent records and historically valuable documents. Participate in research activities based on archival materials.	30	35	2	2	4	↗	\$14.72 \$22.62	Master's degree	None	None				C	I		Education and Training
<b>Area, Ethnic, and Cultural Studies Teachers, Postsecondary (25-1062):</b> Teach courses pertaining to the culture and development of an area, ethnic group, or other group, such as Latin American studies, women's studies, or urban affairs. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	44	47	2	2	4	↘	n/a n/a	Doctoral or professional degree	None	None				S	I	A	Education and Training
<b>Art Directors (27-1011):</b> Formulate design concepts and presentation approaches for visual communications media, such as print, broadcasting, and advertising. Direct workers engaged in art work or layout design.	239	259	12	13	27	↑	\$32.46 \$46.79	Bachelor's degree	5 years or more	None		★		A	E		Arts, Audio-Visual Technology, and Communications
<b>Art, Drama, and Music Teachers, Postsecondary (25-1121):</b> Teach courses in drama, music, and the arts including fine and applied art, such as painting and sculpture, or design and crafts. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	334	361	16	16	35	↑	\$45,666 \$77,439	Master's degree	None	None				S	A		Education and Training
<b>Artists and Related Workers, All Other (27-1019):</b> All artists and related workers not listed separately.	28	30	1	2	3	↘	\$17.38 \$22.40	No formal educational credential	None	Long-term OJT		★		A	E		Arts, Audio-Visual Technology, and Communications
<b>Athletic Trainers (29-9091):</b> Evaluate and advise individuals to assist recovery from or avoid athletic-related injuries or illnesses, or maintain peak physical fitness. May provide first aid or emergency care.	183	228	6	9	19	↗	n/a n/a	Bachelor's degree	None	None		★		S	R	I	Health Science
<b>Atmospheric and Space Scientists (19-2021):</b> Investigate atmospheric phenomena and interpret meteorological data gathered by surface and air stations, satellites, and radar to prepare reports and forecasts. Includes weather forecasters.	64	76	1	5	7	↗	\$16.41 \$18.75	Bachelor's degree	None	None	★	★		I	R		Science, Technology, Engineering, and Mathematics
<b>Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary (25-1051):</b> Teach courses in the physical sciences, except chemistry and physics. Includes both teachers primarily engaged in teaching, and those who do a combination of teaching and research.	57	60	3	3	6	↘	\$59,772 \$78,400	Doctoral or professional degree	None	None		★		S	I		Education and Training
<b>Audio and Video Technicians (27-4011):</b> Set up, maintain, and dismantle audio and video equipment, such as microphones, sound speakers, connecting wires and cables, sound and mixing boards, video cameras, video monitors and servers, and related electronic equipment for live or recorded events, such as concerts, meetings, conventions, presentations, podcasts, news conferences, and sporting events.	176	209	5	14	22	↗	\$18.22 \$22.70	Postsecondary non-degree award	None	Short-term OJT	★	★		R	I	C	Arts, Audio-Visual Technology, and Communications

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster	
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Audiologists (29-1181):</b> Assess and treat persons with hearing and related disorders. May fit hearing aids and provide auditory training. May perform research related to hearing problems.	53	64	1	1	3	↗	\$27.84 \$37.38	Doctoral or professional degree	None	None	★	★	I	S		Health Science		
<b>Audiovisual Equipment Installers and Repairers (49-2097):</b> Install, repair, or adjust audio or television receivers, stereo systems, camcorders, video systems, or other electronic entertainment equipment in homes or other venues. May perform routine maintenance.	n	n	n	n	n	↘	\$17.90 \$22.90	Postsecondary non-degree award	None	Short-term OJT	★	★			R	C	Manufacturing	
<b>Automotive and Watercraft Service Attendants (53-6031):</b> Service automobiles, buses, trucks, boats, and other automotive or marine vehicles with fuel, lubricants, or accessories. May lubricate vehicle, change oil or coolant, or replace lights, wiper blades or fan belts. May repair or replace tires.	527	582	26	49	81	↑	\$12.46 \$14.52	No formal educational credential	None	Short-term OJT					R	C	Transportation, Distribution, and Logistics	
<b>Automotive Body and Related Repairers (49-3021):</b> Repair and refinish automotive vehicle bodies and straighten vehicle frames.	795	851	26	49	81	↗	\$15.41 \$22.58	High school diploma or equivalent	None	Long-term OJT	★	★			R		Transportation, Distribution, and Logistics	
<b>Automotive Glass Installers and Repairers (49-3022):</b> Replace or repair broken windshields and window glass in motor vehicles.	127	140	4	10	15	↘	\$17.36 \$22.51	High school diploma or equivalent	None	Moderate-term OJT	★				R	C	E	Transportation, Distribution, and Logistics
<b>Automotive Service Technicians and Mechanics (49-3023):</b> Diagnose, adjust, repair, or overhaul automotive vehicles.	3,871	3,986	117	266	395	↗	\$16.10 \$22.98	Postsecondary non-degree award	None	Short-term OJT	★	★			R	I	C	Transportation, Distribution, and Logistics
<b>Avionics Technicians (49-2091):</b> Install, inspect, test, adjust, or repair avionics equipment, such as radar, radio, navigation, and missile control systems in aircraft or space vehicles.	55	58	1	2	3	↘	\$23.86 \$29.98	Associate's degree	None	None	★	★			R	I	C	Transportation, Distribution, and Logistics
<b>Baggage Porters and Bellhops (39-6011):</b> Handle baggage for travelers at transportation terminals or for guests at hotels or similar establishments.	n	n	n	n	n	↗	\$11.11 \$11.93	High school diploma or equivalent	None	Short-term OJT					R	C		Hospitality and Tourism
<b>Bailiffs (33-3011):</b> Maintain order in courts of law.	67	69	3	4	7	↘	\$12.71 \$14.86	High school diploma or equivalent	None	Moderate-term OJT					R	C	E	Law, Public Safety, Corrections, and Security

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Bakers (51-3011):</b> Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods. Pastry chefs in restaurants and hotels are included with <i>Chefs and Head Cooks (35-1011)</i> .	880	1,028	53	71	139	↑	\$13.54 \$16.89	No formal educational credential	None	Long-term OJT	★	★		R	C		Hospitality and Tourism	
<b>Barbers (39-5011):</b> Provide barbering services, such as cutting, trimming, shampooing, and styling hair, trimming beards, or giving shaves.	646	723	26	39	73	↑	n/a n/a	Postsecondary non-degree award	None	None	★	★	★	R	E	C	Human Services	
<b>Bartenders (35-3011):</b> Mix and serve drinks to patrons, directly or through waitstaff.	2,963	3,945	156	418	672	↑	\$8.50 \$10.49	No formal educational credential	None	Short-term OJT	★			E	C	R	Hospitality and Tourism	
<b>Bicycle Repairers (49-3091):</b> Repair and service bicycles.	90	97	3	8	12	↘	\$9.62 \$14.05	High school diploma or equivalent	None	Moderate-term OJT				R	C	I	Transportation, Distribution, and Logistics	
<b>Bill and Account Collectors (43-3011):</b> Locate and notify customers of delinquent accounts by mail, telephone, or personal visit. Take payments and post amount to customer's account; prepare statements; initiate repossession proceedings or service disconnection and keep records.	1,432	1,343	51	98	140	↗	\$14.20 \$17.67	High school diploma or equivalent	None	Moderate-term OJT				C	E		Finance	
<b>Billing and Posting Clerks (43-3021):</b> Compile, compute, and record billing, accounting, statistical, and other numerical data for billing purposes. Prepare billing invoices for services rendered or for delivery or shipment of goods.	2,289	2,341	95	142	242	↗	\$16.21 \$21.28	High school diploma or equivalent	None	Moderate-term OJT				C	E	S	Transportation, Distribution, and Logistics	
<b>Biochemists and Biophysicists (19-1021):</b> Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena. Conduct research on metabolism, reproduction, growth, and heredity, or the effects of foods, drugs, or serums.	89	99	2	7	10	↘	\$30.74 \$46.92	Doctoral or professional degree	None	None		★		I	A	R	Science, Technology, Engineering, and Mathematics	
<b>Bioengineers and Biomedical Engineers (17-2031):</b> Apply knowledge of engineering, biology, and biomechanical principles to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, instrumentation, and medical information systems.	n	n	n	n	n	↓	\$56.82 \$62.05	Bachelor's degree	None	None		★	★	I	R		Science, Technology, Engineering, and Mathematics	
<b>Biological Science Teachers, Postsecondary (25-1042):</b> Teach courses in biological sciences. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	324	364	15	16	35	↑	\$62,495 \$124,662	Doctoral or professional degree	None	None				S	I		Education and Training	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Biological Scientists, All Other (19-1029):</b> All biological scientists not listed separately. Includes Bioinformatics Scientists, Molecular and Cellular Biologists, and Geneticists.	141	154	2	10	13	↘	\$21.35 \$37.89	Bachelor's degree	None	None	★		I	R		Science, Technology, Engineering, and Mathematics	
<b>Biological Technicians (19-4021):</b> Assist biological and medical scientists in laboratories. Set up, operate, and maintain lab instruments and equipment, monitor experiments, make observations, and calculate and record results. May analyze organic substances, such as blood, food, and drugs.	470	505	12	49	65	↑	\$17.19 \$23.14	Bachelor's degree	None	None	★	★	R	I	C	Agriculture, Food, and Natural Resources	
<b>Boilermakers (47-2011):</b> Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Assemble boiler frame tanks or vats, following blueprints. Assist in testing assembled vessels. Inspect and repair fittings, such as safety valves, regulators, or water columns.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Apprenticeship	★	★	R	C		Architecture and Construction	
<b>Bookkeeping, Accounting, and Auditing Clerks (43-3031):</b> Compute, classify, and record numerical data to keep financial records complete. Perform routine calculating, posting, and verifying to obtain primary financial data to maintain accounting records.	8,125	8,025	473	412	875	↗	\$15.10 \$22.00	Some college, no degree	None	Moderate-term OJT	★	★	C	E		Finance	
<b>Brickmasons and Blockmasons (47-2021):</b> Lay and bind building materials, such as brick, structural tile, concrete block, cinder block, glass block, and terra-cotta block with mortar and other substances to construct or repair walls, partitions, arches, sewers, and other structures.	289	284	9	18	27	↗	\$21.14 \$29.43	High school diploma or equivalent	None	Apprenticeship	★	★	R	C	I	Architecture and Construction	
<b>Bridge and Lock Tenders (53-6011):</b> Operate and tend bridges, canal locks, and lighthouses to permit marine passage on inland waterways, near shores, and at danger points in waterway passages. May supervise such operations. Includes drawbridge operators, lock operators, and slip bridge operators.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Short-term OJT			R	C	E	Transportation, Distribution, and Logistics	
<b>Broadcast Announcers and Radio Disk Jockeys (27-3011):</b> Speak or read from scripted materials, such as news reports or commercial messages, on radio, television, or other communications media. May play and queue music, announce artist or title of performance, identify station, or interview guests.	118	108	4	6	9	↓	\$12.26 \$15.03	Bachelor's degree	None	None		★	A	E	S	Arts, Audio-Visual Technology, and Communications	
<b>Broadcast Technicians (27-4012):</b> Set up, operate, and maintain electronic equipment used to transmit radio and television programs. Control audio equipment to regulate volume level and quality of sound during broadcasts. Operate transmitter to broadcast radio or television programs.	116	119	3	9	12	↘	\$17.91 \$28.42	Associate's degree	None	Short-term OJT	★	★	R	C	I	Arts, Audio-Visual Technology, and Communications	
<b>Brokerage Clerks (43-4011):</b> Perform duties related to the purchase, sale or holding of securities. Write orders for stock purchases or sales, compute taxes, verify transactions, accept and deliver securities, track stock price fluctuations, distribute dividends, and keep records of transactions.	n	n	n	n	n	↗	\$22.88 \$23.73	High school diploma or equivalent	None	Moderate-term OJT			C	E		Finance	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Budget Analysts (13-2031):</b> Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports.	62	69	2	3	6	↘	\$26.18 \$36.36	Bachelor's degree	None	None	★		C	E	I	Finance	
<b>Building Cleaning Workers, All Other (37-2019):</b> All building cleaning workers not listed separately.	n	n	n	n	n	↗	\$14.18 \$18.57	No formal educational credential	None	Short-term OJT	★		R	E	S	Hospitality and Tourism	
<b>Bus and Truck Mechanics and Diesel Engine Specialists (49-3031):</b> Diagnose, adjust, repair, or overhaul buses and trucks, or maintain and repair any type of diesel engines. Includes mechanics working primarily with automobile or marine diesel engines.	1,061	1,162	32	69	111	↑	\$19.34 \$26.03	High school diploma or equivalent	None	Long-term OJT	★	★	R	C		Transportation, Distribution, and Logistics	
<b>Bus Drivers, Transit and Intercity (53-2021):</b> Drive bus or motor coach, including regular route operations, charters, and private carriage. May assist passengers with baggage. May collect fares or tickets.	215	291	17	13	38	↑	\$14.98 \$18.33	High school diploma or equivalent	None	Moderate-term OJT	★	★	R	S		Transportation, Distribution, and Logistics	
<b>Business Teachers, Postsecondary (25-1011):</b> Teach courses in business administration and management, such as accounting, finance, human resources, labor relations, marketing, and operations research. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	490	517	22	24	49	↗	\$55,052 \$100,456	Doctoral or professional degree	None	None			S	E	I	Education and Training	
<b>Butchers and Meat Cutters (51-3021):</b> Cut, trim, or prepare consumer-sized portions of meat for use or sale in retail establishments.	530	524	21	39	59	↗	\$17.33 \$22.38	No formal educational credential	None	Long-term OJT	★		R	C	E	Agriculture, Food, and Natural Resources	
<b>Buyers and Purchasing Agents (13-1020):</b> Buy or purchase products for further processing, resale to wholesale or retail consumers, or for necessary operation of an establishment. May purchase farm products; machinery, tools, parts, supplies, or services; merchandise or commodities; or raw or semi-finished materials for manufacturing.	2,328	2,257	78	147	218	↗	\$23.46 \$30.51	Bachelor's degree	None	Moderate-term OJT	★	★	E	C		Marketing	
<b>Cabinetmakers and Bench Carpenters (51-7011):</b> Cut, shape, and assemble wooden articles or set up and operate a variety of woodworking machines, such as power saws, jointers, and mortisers to surface, cut, or shape lumber or to fabricate parts for wood products.	287	291	11	16	27	↗	\$16.22 \$22.38	High school diploma or equivalent	None	Moderate-term OJT	★		R	C		Manufacturing	
<b>Calibration and Engineering Technologists and Technicians, Except Drafters, All Other (17-3098):</b> All engineering technologists and technicians, except drafters, not listed separately, including Calibration Technologists and Technicians.	392	408	12	25	39	↗	n/a n/a	Associate's degree	None	None	★	★	R	I	C	Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Camera Operators, Television, Video, and Film (27-4031):</b> Operate television, video, or film camera to record images or scenes for television, video, or film productions.	141	156	5	9	16	↘	\$13.94 \$18.28	Bachelor's degree	None	None	★	★		R	A		Arts, Audio-Visual Technology, and Communications
<b>Captains, Mates, and Pilots of Water Vessels (53-5021):</b> Command or supervise operations of ships and water vessels, such as tugboats and ferryboats. Required to hold license issued by U.S. Coast Guard. Excludes Motorboat Operators (53-5022).	n	n	n	n	n	↗	\$21.93 \$33.22	Postsecondary non-degree award	Less than 5 years	None	★	★		R	E	C	Transportation, Distribution, and Logistics
<b>Cardiovascular Technologists and Technicians (29-2031):</b> Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests.	297	317	8	13	23	↘	\$19.95 \$36.06	Associate's degree	None	None		★	★	R	I	S	Health Science
<b>Career/Technical Education Teachers, Postsecondary (25-1194):</b> Teach vocational courses intended to provide occupational training below the baccalaureate level in subjects such as construction, mechanics/repair, manufacturing, transportation, or cosmetology, primarily to students who have graduated from or left high school.	441	488	21	22	48	↗	\$21.80 \$29.55	Bachelor's degree	Less than 5 years	None		★	★	S	R		Education and Training
<b>Career/Technical Education Teachers, Middle School (25-2023):</b> Teach occupational, career and technical, or vocational subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school.	50	53	2	2	4	↘	\$53,011 \$68,960	Bachelor's degree	Less than 5 years	None			★	S	A	C	Education and Training
<b>Career/Technical Education Teachers, Secondary School (25-2032):</b> Teach occupational, career and technical, or vocational subjects at the secondary school level in public or private schools.	246	260	7	10	18	↘	\$43,612 \$61,221	Bachelor's degree	Less than 5 years	None	★		★	S			Education and Training
<b>Cargo and Freight Agents (43-5011):</b> Expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, and shipping docks. Take orders and arrange pickup of freight and cargo. Prepare and examine bills of lading.	369	418	15	23	43	↗	\$17.20 \$23.02	High school diploma or equivalent	None	Short-term OJT	★	★		C	E	R	Transportation, Distribution, and Logistics
<b>Carpenters (47-2031):</b> Construct, erect, install, or repair structures and fixtures made of wood, such as concrete forms, building frameworks - including partitions, joists, studding, and rafters - and wood stairways, window and door frames, and hardwood floors. May install cabinets, siding, or drywall.	4,077	4,232	121	259	396	↗	\$19.12 \$23.22	High school diploma or equivalent	None	Apprenticeship	★	★		R	C	I	Architecture and Construction
<b>Carpet Installers (47-2041):</b> Lay and install carpet from rolls or blocks on floors. Install padding and trim flooring materials.	113	108	3	6	9	↘	\$15.64 \$22.61	No formal educational credential	None	Short-term OJT	★			R	E		Architecture and Construction

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections						Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings			Education			Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Cartographers and Photogrammetrists (17-1021):</b> Collect, analyze, and interpret geographic information from geodetic surveys, aerial photographs, and satellite data. Research, study, and prepare maps and spatial data in digital or graphic form. May work with GIS software.	113	128	4	6	12	↗	\$19.75 \$28.90	Bachelor's degree	None	None	★	★		R	I	C	Science, Technology, Engineering, and Mathematics	
<b>Cashiers (41-2011):</b> Receive and disburse money in establishments other than financial institutions. May use electronic scanners, cash registers, or related equipment. May process credit or debit card transactions and validate checks.	20,437	18,535	1,658	1,866	3,334	↗	\$10.46 \$11.61	No formal educational credential	None	Short-term OJT				C	E		Marketing	
<b>Cement Masons and Concrete Finishers (47-2051):</b> Smooth and finish surfaces of poured concrete, such as floors, walks, sidewalks, roads, or curbs using a variety of hand and power tools. Align forms for sidewalks, curbs, or gutters; patch voids; and use saws to cut expansion joints.	235	241	6	16	23	↘	\$17.80 \$22.56	No formal educational credential	None	Moderate-term OJT	★	★		R	E		Architecture and Construction	
<b>Chefs and Head Cooks (35-1011):</b> Direct and may participate in the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts.	703	871	24	77	118	↗	\$19.10 \$28.55	High school diploma or equivalent	5 years or more	None	★	★		E	R	A	Hospitality and Tourism	
<b>Chemical Engineers (17-2041):</b> Design chemical plant equipment and devise manufacturing processes for chemicals and products, such as gasoline, synthetic rubber, plastics, detergents, cement, paper, and pulp, applying principles and technology of chemistry, physics, and engineering.	98	102	2	4	6	↘	\$29.99 \$37.74	Bachelor's degree	None	None		★	★	I	R		Science, Technology, Engineering, and Mathematics	
<b>Chemical Equipment Operators and Tenders (51-9011):</b> Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels.	177	198	4	14	20	↘	\$17.76 \$23.31	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Manufacturing	
<b>Chemical Technicians (19-4031):</b> Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for research and development, quality control, maintenance of environmental standards, and other work.	176	198	3	17	22	↗	\$17.14 \$22.66	Associate's degree	None	Moderate-term OJT	★	★		I	R	C	Manufacturing	
<b>Chemistry Teachers, Postsecondary (25-1052):</b> Teach courses pertaining to chemical and physical properties and compositional changes of substances. May instruct in methods of qualitative and quantitative chemical analysis. Includes teachers primarily engaged in teaching, and those who combine teaching and research.	68	72	3	3	6	↘	\$65,031 \$103,134	Doctoral or professional degree	None	None		★		S	I	R	Education and Training	
<b>Chemists (19-2031):</b> Conduct qualitative and quantitative chemical analyses or experiments in laboratories for quality or process control or to develop new products or knowledge.	256	306	4	21	30	↗	\$26.99 \$48.83	Bachelor's degree	None	None		★		I	R	C	Science, Technology, Engineering, and Mathematics	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Chief Executives (11-1011):</b> Determine and formulate policies and provide overall direction of companies or private and public organizations within guidelines set by a board of directors or similar body. Plan, direct, or coordinate operational activities at the highest level of management.	876	833	23	34	53	↗	\$40.44 \$73.36	Bachelor's degree	5 years or more	None		★	E	A		Business Management and Administration	
<b>Child, Family, and School Social Workers (21-1021):</b> Provide social services and assistance to improve the social and psychological functioning of children and their families. May arrange adoptions or find foster homes for children. In schools, deal with issues like teen pregnancy or misbehavior.	696	776	21	46	75	↑	\$19.98 \$23.41	Bachelor's degree	None	None		★	S	E		Human Services	
<b>Childcare Workers (39-9011):</b> Attend to children at schools, businesses, private households, and childcare institutions. Perform a variety of tasks, such as dressing, feeding, bathing, and overseeing play.	3,555	3,823	248	258	533	↑	\$8.91 \$11.14	High school diploma or equivalent	None	Short-term OJT	★	★	S	A		Human Services	
<b>Chiropractors (29-1011):</b> Assess, treat, and care for patients by manipulation of spine and musculoskeletal system. May provide spinal adjustment or address sacral or pelvic misalignment.	186	207	3	2	7	↘	\$23.35 \$37.26	Doctoral or professional degree	None	None		★	★	S	I	R	Health Science
<b>Choreographers (27-2032):</b> Create new dance routines. Rehearse performance of routines. May direct and stage presentations.	49	67	4	6	12	↗	n/a n/a	High school diploma or equivalent	5 years or more	Long-term OJT			A	S	E	Arts, Audio-Visual Technology, and Communications	
<b>Civil Engineering Technologists and Technicians (17-3022):</b> Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.	n	n	n	n	n	↘	\$21.62 \$28.52	Associate's degree	None	None		★	R	C	I	Architecture and Construction	
<b>Civil Engineers (17-2051):</b> Perform engineering duties to plan, design, and oversee construction and maintenance of building structures and facilities such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects, pipelines, power plants, or water and sewage systems.	1,418	1,612	30	76	125	↑	\$29.14 \$38.19	Bachelor's degree	None	None		★	★	R	I	C	Architecture and Construction
<b>Claims Adjusters, Examiners, and Investigators (13-1031):</b> Review settled claims to determine that payments and settlements are made in accordance with company practices and procedures. Confer with legal counsel on claims requiring litigation. May also settle insurance claims.	935	916	22	48	68	↗	\$22.91 \$30.51	High school diploma or equivalent	None	Long-term OJT	★	★	C	E	I	Finance	
<b>Cleaners of Vehicles and Equipment (53-7061):</b> Wash or otherwise clean vehicles, machinery, and other equipment. Use such materials as water, cleaning agents, brushes, cloths, and hoses.	1,017	1,150	53	96	162	↑	\$12.34 \$15.01	No formal educational credential	None	Short-term OJT	★		R	C		Transportation, Distribution, and Logistics	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders (51-9192):</b> Operate or tend machines to wash or clean products, such as barrels or kegs, glass items, tin plate, food, pulp, coal, plastic, or rubber to remove impurities.	124	129	4	9	13	↘	\$14.05 \$17.75	High school diploma or equivalent	None	Moderate-term OJT				R	C		Manufacturing	
<b>Clergy (21-2011):</b> Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination. Provide spiritual and moral guidance and assistance to members.	769	784	32	45	79	↗	\$19.41 \$29.74	Bachelor's degree	None	Moderate-term OJT		★	★	S	E	A	Human Services	
<b>Clinical Laboratory Technologists and Technicians (29-2010):</b> Technologists perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff. Technicians perform routine medical laboratory tests for diagnosis, treating, and preventing disease, and may work under a technologist.	716	768	19	28	52	↑	\$22.59 \$35.88	Bachelor's degree	None	None	★	★	★	I	R		Health Science	
<b>Clinical, Counseling, and School Psychologists (19-3031):</b> Diagnose and treat mental disorders, learning disabilities, and cognitive, behavioral, and emotional problems using individual, child, family, and group therapies. May address student learning and behavioral problems and counsel students or families.	454	498	12	19	35	↑	n/a n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	S		Human Services	
<b>Coaches and Scouts (27-2022):</b> Instruct or coach groups or individuals in the fundamentals of sports. Demonstrate techniques and methods of participation. May evaluate athletes' strengths and weaknesses as possible recruits or to improve athletes' technique to prepare them for competition.	1,276	1,639	83	117	236	↑	\$21,085 \$39,987	Bachelor's degree	None	None				S	R	E	Education and Training	
<b>Coating, Painting, and Spraying Machine Setters, Operators, and Tenders (51-9121):</b> Set up, operate, or tend machines to coat or paint a variety of products, such as glass, cloth, ceramics, metal, plastic, paper, or wood, with lacquer, silver, copper, rubber, varnish, glaze, enamel, or rust-proof material.	494	530	14	37	55	↑	\$15.83 \$18.55	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Coil Winders, Tapers, and Finishers (51-2021):</b> Wind wire coils used in electrical components such as resistors and transformers, and in electrical equipment and instruments such as field cores, bobbins, armature cores, electrical motors, generators, and control equipment.	128	108	5	8	11	↓	\$14.42 \$18.09	High school diploma or equivalent	None	Moderate-term OJT				R	C	I	Manufacturing	
<b>Coin, Vending, and Amusement Machine Servicers and Repairers (49-9091):</b> Install, service, adjust or repair coin, vending, or amusement machines including video games, juke boxes, pinball machines, or slot machines.	n	n	n	n	n	↗	\$15.71 \$21.83	High school diploma or equivalent	None	Short-term OJT	★			R	C		Manufacturing	
<b>Commercial and Industrial Designers (27-1021):</b> Develop and design manufactured products, such as cars, home appliances, and children's toys. Combine artistic talent with research on product use, marketing, and materials to create the most functional and appealing product design.	95	101	3	6	10	↘	\$21.18 \$30.30	Bachelor's degree	None	None	★	★		A	E	R	Arts, Audio-Visual Technology, and Communications	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Commercial Divers (49-9092):</b> Using scuba gear, work below surface of water to inspect, repair, remove, or install equipment and structures. May use tools such as drills, torches, or welding equipment. May conduct tests or experiments, rig explosives, or photograph structures or marine life.	n	n	n	n	n	↗	\$19.05 \$25.18	Postsecondary non-degree award	None	Moderate-term OJT		★		R			Architecture and Construction
<b>Commercial Pilots (53-2012):</b> Pilot and navigate the flight of fixed-wing aircraft on nonscheduled air carrier routes, or helicopters. Requires Commercial Pilot certificate. Includes charter pilots with similar certification, and air ambulance and air tour pilots. Excludes airline pilots.	376	432	15	28	49	↑	\$44,741 \$78,062	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	I	E	Transportation, Distribution, and Logistics
<b>Communications Teachers, Postsecondary (25-1122):</b> Teach courses in communications, such as organizational communications, public relations, radio/television broadcasting, and journalism. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	69	74	3	3	6	↘	\$53,044 \$77,907	Doctoral or professional degree	None	None				S	A		Education and Training
<b>Community and Social Service Specialists, All Other (21-1099):</b> All community and social service specialists not listed separately.	559	656	21	42	73	↑	\$16.91 \$22.66	Bachelor's degree	None	None				S	E	C	Human Services
<b>Community Health Workers (21-1094):</b> Assist individuals and communities to adopt healthy behaviors. Conduct outreach for medical personnel or health organizations to implement programs in the community that promote, maintain, and improve individual and community health.	283	355	11	22	40	↑	\$14.94 \$18.67	High school diploma or equivalent	None	Short-term OJT	★			S	I	E	Human Services
<b>Compensation and Benefits Managers (11-3111):</b> Plan, direct, or coordinate compensation and benefits activities of an organization.	122	131	3	6	10	↘	\$32.44 \$49.67	Bachelor's degree	5 years or more	None		★		E	C	S	Business Management and Administration
<b>Compensation, Benefits, and Job Analysis Specialists (13-1141):</b> Conduct programs of compensation and benefits and job analysis for employer. May specialize in specific areas, such as position classification and pension programs.	376	422	12	23	40	↑	\$25.30 \$30.51	Bachelor's degree	Less than 5 years	None				C	E		Business Management and Administration
<b>Compliance Officers (13-1041):</b> Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and perform other compliance and enforcement inspection and analysis activities not classified elsewhere.	1,353	1,435	34	74	116	↗	\$26.83 \$41.37	Bachelor's degree	None	Moderate-term OJT		★		E	C	S	Government and Public Administration
<b>Computer and Information Research Scientists (15-1221):</b> Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.	61	77	1	4	7	↗	\$43.62 \$53.35	Master's degree	None	None		★		I	R	C	Science, Technology, Engineering, and Mathematics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Computer and Information Systems Managers (11-3021):</b> Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	3,040	3,401	52	183	271	↑	\$51.30 \$63.25	Bachelor's degree	5 years or more	None	★	★		E	C	I	Information Technology	
<b>Computer Hardware Engineers (17-2061):</b> Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or computer-related equipment and components.	194	204	4	9	14	↘	\$39.94 \$62.15	Bachelor's degree	None	None		★	★	I	R	C	Science, Technology, Engineering, and Mathematics	
<b>Computer Network Architects (15-1241):</b> Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning, including analysis of capacity needs for network infrastructures.	462	506	7	22	33	↑	\$35.17 \$49.53	Bachelor's degree	5 years or more	None	★	★		I	C	E	Information Technology	
<b>Computer Network Support Specialists (15-1152):</b> Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems. Perform network maintenance to ensure networks operate correctly with minimal interruption.	728	806	14	41	63	↑	\$23.43 \$35.70	Associate's degree	None	None	★	★		R	E	C	Information Technology	
<b>Computer Numerically Controlled Tool Operators (51-9161):</b> Operate computer-controlled tools, machines, or robots to machine or process parts, tools, or other work pieces made of metal, plastic, wood, stone, or other materials. May also set up and maintain equipment.	2,858	2,777	96	208	296	↗	\$17.21 \$23.09	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Computer Numerically Controlled Tool Programmers (51-9162):</b> Develop programs to control machining or processing of materials by automatic machine tools, equipment, or systems. May also set up, operate, or maintain equipment.	280	356	11	24	43	↑	\$25.24 \$29.94	Postsecondary non-degree award	None	Moderate-term OJT	★	★		C	I	R	Manufacturing	
<b>Computer Occupations, All Other (15-1299):</b> All computer occupations not listed separately. Includes Web Administrators; Geographic Information Systems Technologists and Technicians; Document Management Specialists; Information Security Engineers; Penetration Testers; Digital Forensics Analysts; Blockchain Engineers; Computer Systems Engineers.	1,347	1,505	33	70	119	↑	\$18.87 \$37.41	Bachelor's degree	None	None	★	★		C	I		Information Technology	
<b>Computer Programmers (15-1251):</b> Create, modify, and test the code and scripts that allow computer applications to run. Work from specifications drawn up by software and web developers or other individuals. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.	1,263	1,145	24	55	67	↗	\$23.01 \$37.53	Bachelor's degree	None	None	★	★		I	C		Information Technology	
<b>Computer Science Teachers, Postsecondary (25-1021):</b> Teach courses in computer science. May specialize in a field of computer science, such as the design and function of computers or operations and research analysis. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	133	140	6	6	13	↘	\$56,932 \$92,382	Doctoral or professional degree	None	None		★		S	I	C	Education and Training	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Computer Systems Analysts (15-1211):</b> Analyze science, engineering, business, and other data processing problems to develop and implement solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions, improve and review existing computer systems.	2,943	3,207	60	151	237	↑	\$32.44 \$48.47	Bachelor's degree	None	None	★	★		I	C	R	Information Technology
<b>Computer User Support Specialists (15-1232):</b> Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically. May provide assistance concerning the use of computer hardware and software, including installation, word processing, electronic mail, and operating systems.	2,958	3,210	58	163	246	↑	\$19.42 \$28.43	Some college, no degree	None	None	★			R	I	C	Information Technology
<b>Computer, Automated Teller, and Office Machine Repairers (49-2011):</b> Repair, maintain, or install computers, word processing systems, automated teller machines, and electronic office machines such as duplicating and fax machines.	653	636	20	49	67	↗	\$16.44 \$22.66	Some college, no degree	None	Short-term OJT	★	★		R	C	I	Manufacturing
<b>Concierges (39-6012):</b> Assist patrons at hotel, apartment, or office building with personal services. May take messages, arrange or give advice on transportation, business services or entertainment, or monitor guest requests for housekeeping and maintenance.	37	42	2	3	5	↗	\$14.22 \$16.37	High school diploma or equivalent	None	Moderate-term OJT				S	E		Hospitality and Tourism
<b>Conservation Scientists (19-1031):</b> Manage, improve, and protect natural resources to maximize use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or protect rangelands. May identify best ways to conserve soil and water.	89	96	2	7	10	↘	\$25.12 \$35.64	Bachelor's degree	None	None	★			R	I	E	Science, Technology, Engineering, and Mathematics
<b>Construction and Building Inspectors (47-4011):</b> Inspect structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations. Inspections may be general or limited to a specific area, such as electrical or plumbing.	468	456	25	28	52	↗	\$19.26 \$28.81	High school diploma or equivalent	5 years or more	Moderate-term OJT	★	★	★	R	C		Government and Public Administration
<b>Construction Laborers (47-2061):</b> Perform tasks involving physical labor at construction sites. May operate hand or power tools such as air hammers, earth tampers, cement mixers, or hoists. May clean or prepare sites, dig trenches, set excavation braces, erect scaffolding, or clean up rubble or debris.	3,552	3,909	110	252	398	↑	\$15.99 \$18.63	No formal educational credential	None	Short-term OJT	★			R	C		Architecture and Construction
<b>Construction Managers (11-9021):</b> Plan, direct, or coordinate - usually through subordinate supervisors - construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a project and oversee organization, schedule, budget, and implementation.	1,689	1,923	37	91	151	↑	\$35.83 \$47.73	Bachelor's degree	None	Moderate-term OJT		★		E	R	C	Architecture and Construction
<b>Control and Valve Installers and Repairers, Except Mechanical Door (49-9012):</b> Install, repair, and maintain mechanical regulating and controlling devices, such as electric meters, gas regulators, thermostats, safety and flow valves, and other mechanical governors.	88	91	2	5	7	↘	\$22.90 \$31.10	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Architecture and Construction



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Conveyor Operators and Tenders (53-7011):</b> Control or tend conveyors or conveyor systems that move materials or products to and from stockpiles, processing stations, departments, or vehicles. May control speed and routing of materials or products.	131	148	4	12	18	↗	\$14.35 \$16.51	No formal educational credential	None	Short-term OJT	★			R	C	Architecture and Construction	
<b>Cooks, All Other (35-2019):</b> All cooks not listed separately.	n	n	n	n	n	↘	\$14.63 \$14.77	No formal educational credential	None	Moderate-term OJT				R	C	Hospitality and Tourism	
<b>Cooks, Fast Food (35-2011):</b> Prepare and cook food in a fast food restaurant with a limited menu. Duties of these cooks are limited to preparation of a few basic items and normally involve operating large-volume, single-purpose cooking equipment.	1,235	1,218	72	105	175	↗	\$11.31 \$13.78	No formal educational credential	None	Short-term OJT	★			R	C	Hospitality and Tourism	
<b>Cooks, Institution and Cafeteria (35-2012):</b> Prepare and cook large quantities of food for institutions such as schools, hospitals, or cafeterias.	1,514	1,602	92	133	234	↗	\$14.03 \$18.43	No formal educational credential	None	Short-term OJT	★	★		R	C	Hospitality and Tourism	
<b>Cooks, Private Household (35-2013):</b> Prepare meals in private homes. Includes personal chefs.	152	153	9	13	22	↘	n/a n/a	Postsecondary non-degree award	Less than 5 years	None				A	R	C	Hospitality and Tourism
<b>Cooks, Restaurant (35-2014):</b> Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.	4,741	7,168	350	510	1,103	↑	\$13.63 \$17.69	No formal educational credential	Less than 5 years	Moderate-term OJT	★			R	E	Hospitality and Tourism	
<b>Cooks, Short Order (35-2015):</b> Prepare and cook to order a variety of foods that require only a short preparation time. May take orders from customers and serve patrons at counters or tables.	2,540	2,799	157	228	411	↑	\$10.78 \$13.57	No formal educational credential	None	Short-term OJT				R	C	Hospitality and Tourism	
<b>Cooling and Freezing Equipment Operators and Tenders (51-9193):</b> Operate or tend equipment, such as cooling and freezing units, refrigerators, batch freezers, and freezing tunnels to cool or freeze products, food, blood plasma, and chemicals.	n	n	n	n	n	↘	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing
<b>Correctional Officers and Jailers (33-3012):</b> Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point.	1,164	1,109	43	62	99	↗	\$19.85 \$24.22	High school diploma or equivalent	None	Moderate-term OJT	★	★	★	R	E	C	Law, Public Safety, Corrections, and Security

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster				
	Employment		Avg. Annual Openings						2021 Wage Entry Level Median	Usual Education	Experience				Training	Apprentice	Military		NH License	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
	2020	2030	Exits	Transfers	Total																	
<b>Correspondence Clerks (43-4021):</b> Compose letters or electronic correspondence in reply to requests for merchandise, damage claims, credit and other information, delinquent accounts, incorrect billings, or unsatisfactory services. May gather data to formulate reply and prepare correspondence.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Short-term OJT				C	E		Business Management and Administration					
<b>Cost Estimators (13-1051):</b> Prepare cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or determining price of product or service. May specialize according to particular service performed or type of product manufactured.	740	767	21	46	70	↗	\$21.29 \$30.51	Bachelor's degree	None	Moderate-term OJT		★		C	E		Architecture and Construction					
<b>Counselors, All Other (21-1019):</b> All counselors not listed separately.	62	68	2	4	7	↘	\$16.08 \$18.52	Master's degree	None	None		★		S	I		Human Services					
<b>Counter and Rental Clerks (41-2021):</b> Receive orders, generally in person, for repairs, rentals, and services. May describe available options, compute cost, and accept payment.	2,071	2,267	97	149	266	↑	\$12.50 \$17.93	No formal educational credential	None	Short-term OJT				C	E		Marketing					
<b>Couriers and Messengers (43-5021):</b> Pick up and deliver messages, documents, packages, and other items between offices or departments within an establishment or directly to other business concerns, traveling by foot, bicycle, motorcycle, automobile, or public conveyance.	752	692	30	39	63	↗	\$11.10 \$14.27	High school diploma or equivalent	None	Short-term OJT		★		R	C	E	Transportation, Distribution, and Logistics					
<b>Court Reporters (23-2091):</b> Use verbatim methods and equipment to capture, store, retrieve, and transcribe pretrial and trial proceedings or other information. Includes stenocaptioners who operate computerized captioning equipment to provide captions of broadcasts for hearing-impaired viewers.	62	61	0	0	0	↓	n/a n/a	Postsecondary non-degree award	None	Short-term OJT		★	★	C	E		Law, Public Safety, Corrections, and Security					
<b>Court, Municipal, and License Clerks (43-4031):</b> Perform clerical duties for courts, municipalities, or government licensing agencies and bureaus. May prepare docket of cases; prepare agendas or bylaws for town or city council; keep fiscal records; issue licenses or permits; and record data or collect fees.	476	509	24	25	52	↗	\$14.33 \$18.12	High school diploma or equivalent	None	Long-term OJT				C	E	S	Government and Public Administration					
<b>Craft Artists (27-1012):</b> Create or reproduce hand-made objects for sale and exhibition using a variety of techniques, such as welding, weaving, pottery, and needlecraft.	90	98	5	5	11	↘	\$15.06 \$18.19	No formal educational credential	None	Long-term OJT	★	★		A	R	E	Arts, Audio-Visual Technology, and Communications					
<b>Crane and Tower Operators (53-7021):</b> Operate mechanical boom and cable or tower and cable equipment to lift and move materials, machines, or products in many directions.	145	150	4	11	15	↘	\$20.35 \$30.61	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★	★		R	C	I	Architecture and Construction					

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections						Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings			Education			Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Credit Analysts (13-2041):</b> Analyze credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money. Prepare reports with credit information for use in decision making.	159	149	3	10	12	↓	\$24.52 \$37.88	Bachelor's degree	None	None				C	E		Finance	
<b>Credit Authorizers, Checkers, and Clerks (43-4041):</b> Authorize credit charges against customer accounts. Investigate history and credit standing of individuals or business establishments applying for credit. May interview applicants, or notify customers of acceptance or rejection of credit.	82	81	3	5	8	↓	\$19.85 \$22.94	High school diploma or equivalent	None	Moderate-term OJT				C	E	S	Finance	
<b>Credit Counselors (13-2071):</b> Advise and educate individuals or organizations on acquiring and managing debt. May provide guidance on the best loan type and explain requirements or restrictions. May develop debt management plans or provide budget, mortgage, and bankruptcy counseling.	464	516	10	27	42	↑	\$17.56 \$22.27	Bachelor's degree	None	Moderate-term OJT				E	S	C	Finance	
<b>Crematory Operators and Personal Care and Service Workers, All Other (39-9098):</b> All other personal care and service workers not listed separately. Includes Crematory Operators.	53	67	3	4	8	↗	n/a n/a	High school diploma or equivalent	None	Short-term OJT		★	★	E	R	S	Human Services	
<b>Criminal Justice and Law Enforcement Teachers, Postsecondary (25-1111):</b> Teach courses in criminal justice, corrections, and law enforcement administration. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	60	67	3	3	7	↘	\$51,817 \$70,843	Doctoral or professional degree	None	None				S	I		Education and Training	
<b>Crossing Guards and Flaggers (33-9091):</b> Guide or control vehicular or pedestrian traffic at such places as streets, schools, railroad crossings, or construction sites.	488	594	79	28	118	↑	\$13.46 \$17.59	No formal educational credential	None	Short-term OJT				S	E	R	Law, Public Safety, Corrections, and Security	
<b>Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders (51-9021):</b> Set up, operate, or tend machines to crush, grind, or polish materials such as coal, glass, grain, stone, food, or rubber.	203	202	7	15	22	↓	\$15.95 \$22.05	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Curators (25-4012):</b> Administer collections, such as artwork, collectibles, historic items, or scientific specimens of museums or other institutions. May conduct instructional, research, or public service activities of institution.	91	116	5	6	13	↗	\$18.99 \$28.60	Master's degree	None	None				E	C		Education and Training	
<b>Customer Service Representatives (43-4051):</b> Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. Excludes individuals whose duties are primarily installation, sales, or repair.	11,095	10,831	515	862	1,351	↗	\$13.93 \$18.23	High school diploma or equivalent	None	Short-term OJT	★	★		E	S	C	Business Management and Administration	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Cutters and Trimmers, Hand</b> (51-9031): Use hand tools or hand-held power tools to cut and trim a variety of manufactured items, such as carpet, fabric, stone, glass, or rubber.	n	n	n	n	n	↓	\$12.72 \$14.31	No formal educational credential	None	Short-term OJT	★			R	C	Manufacturing	
<b>Cutting and Slicing Machine Setters, Operators, and Tenders</b> (51-9032): Set up, operate, or tend machines that cut or slice materials such as glass, stone, cork, rubber, tobacco, food, paper, or insulating material.	213	209	9	16	25	↓	\$15.42 \$22.95	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	Manufacturing	
<b>Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic</b> (51-4031): Set up, operate, or tend machines to saw, cut, shear, slit, punch, crimp, notch, bend, or straighten metal or plastic material.	604	585	19	41	58	↗	\$14.83 \$18.17	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	Manufacturing	
<b>Data Entry Keyers</b> (43-9021): Operate data entry device, such as keyboard or photo composing perforator. Duties may include verifying data and preparing materials for printing.	1,008	782	40	57	74	↗	\$13.58 \$17.48	High school diploma or equivalent	None	Short-term OJT	★			C	R	E	Business Management and Administration
<b>Data Scientists and Mathematical Science Occupations, All Other</b> (15-2098): All other mathematical science occupations not listed separately. Includes Data Scientists and Bioinformatics Technicians.	140	184	3	8	15	↗	n/a n/a	Bachelor's degree	None	None	★	★		C	I	E	Science, Technology, Engineering, and Mathematics
<b>Database Administrators and Architects</b> (15-1245): Create or organize systems to store and secure a variety of data. Plan, coordinate, and implement security measures, design strategies for enterprise databases, data warehouse systems, and multidimensional networks. Set standards for database operations, programming, query processes, and security.	597	649	14	31	50	↑	n/a n/a	Bachelor's degree	None	None	★	★		C	I	E	Information Technology
<b>Demonstrators and Product Promoters</b> (41-9011): Demonstrate merchandise and answer questions for the purpose of creating public interest in buying the product. May sell demonstrated merchandise.	149	155	17	10	28	↗	\$13.38 \$17.03	No formal educational credential	None	Short-term OJT				E	C	R	Marketing
<b>Dental Assistants</b> (31-9091): Assist dentist, set up equipment, prepare patient for treatment, and keep records.	1,171	1,311	56	87	157	↑	\$19.83 \$22.89	Postsecondary non-degree award	None	None	★	★	★	C	R	S	Health Science
<b>Dental Hygienists</b> (29-2021): Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop x-rays, or apply fluoride or sealants.	1,451	1,624	55	38	110	↑	\$34.23 \$37.66	Associate's degree	None	None		★	★	S	R	C	Health Science

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Dental Laboratory Technicians (51-9081):</b> Construct and repair full or partial dentures or dental appliances.	246	282	12	22	38	↑	\$17.28 \$22.91	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	I	C	Manufacturing	
<b>Dentists, All Other Specialists (29-1029):</b> All dentists not listed separately.	n	n	n	n	n	↘	n/a n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	R		Health Science	
<b>Dentists, General (29-1021):</b> 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.	438	478	8	4	16	↘	\$41.39 n/a	Doctoral or professional degree	None	None		★	★	I	R	S	Health Science	
<b>Designers, All Other (27-1029):</b> All designers not listed separately.	32	33	1	2	3	↘	\$16.83 \$30.06	Bachelor's degree	None	None				A	E		Arts, Audio-Visual Technology, and Communications	
<b>Desktop Publishers (43-9031):</b> Format typescript and graphic elements using computer software to produce publication-ready material.	n	n	n	n	n	↓	\$16.98 \$22.55	Associate's degree	None	Short-term OJT	★	★		A	I	C	Arts, Audio-Visual Technology, and Communications	
<b>Detectives and Criminal Investigators (33-3021):</b> Conduct investigations related to suspected violations of Federal, State, or local laws to prevent or solve crimes.	374	390	10	18	30	↗	\$27.55 \$38.53	High school diploma or equivalent	Less than 5 years	Moderate-term OJT		★		E	I	C	Law, Public Safety, Corrections, and Security	
<b>Diagnostic Medical Sonographers (29-2032):</b> Produce ultrasonic recordings of internal organs for use by physicians.	238	279	7	11	22	↗	\$32.89 \$38.77	Associate's degree	None	None		★	★	I	S	R	Health Science	
<b>Dietetic Technicians (29-2051):</b> 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.	71	77	2	3	6	↘	\$11.18 \$14.02	Associate's degree	None	None	★			S	I	R	Health Science	
<b>Dietitians and Nutritionists (29-1031):</b> 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.	336	373	12	12	28	↑	\$23.05 \$30.60	Bachelor's degree	None	Internship/residency		★	★	I	S		Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Dining Room and Cafeteria Attendants and Bartender Helpers</b> (35-9011): Clean tables, remove dirty dishes, replace soiled table linens; set tables; replenish supply of clean linens, silverware, glassware, and dishes; supply service bar with food; and serve items such as water, condiments, and coffee.	1,488	1,924	147	148	339	↑	\$8.52 \$10.71	No formal educational credential	None	Short-term OJT	★		R	C	S	Hospitality and Tourism	
<b>Directors, Religious Activities and Education</b> (21-2021): Plan, direct, or coordinate programs designed to promote the religious education or activities of a denominational group. May provide counseling and guidance relative to marital, health, financial, and religious problems.	433	434	17	32	49	↗	\$13.55 \$14.77	Bachelor's degree	Less than 5 years	None	★		E	S	C	Human Services	
<b>Dishwashers</b> (35-9021): Clean dishes, kitchen, food preparation equipment, or utensils.	1,991	2,370	164	182	384	↑	\$9.56 \$12.03	No formal educational credential	None	Short-term OJT			R	C		Hospitality and Tourism	
<b>Dispatchers, Except Police, Fire, and Ambulance</b> (43-5032): Schedule and dispatch workers, work crews, equipment, or service vehicles for conveyance of materials, freight or passengers, or for normal installation, service, or emergency repairs rendered outside the place of business.	734	731	26	41	67	↗	\$15.69 \$21.73	High school diploma or equivalent	None	Moderate-term OJT	★	★	C	R	E	Transportation, Distribution, and Logistics	
<b>Drafters, All Other</b> (17-3019): All drafters not listed separately.	n	n	n	n	n	↓	\$20.01 \$25.60	Associate's degree	None	None	★		R	C		Manufacturing	
<b>Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic</b> (51-4032): Set up, operate, or tend drilling machines to drill, bore, ream, mill, or countersink metal or plastic work pieces.	36	29	1	2	2	↓	\$14.18 \$17.82	High school diploma or equivalent	None	Moderate-term OJT			R	C	I	Manufacturing	
<b>Driver/Sales Workers</b> (53-3031): Drive truck or other vehicle over established routes or within a set territory and sell or deliver goods such as food products, including restaurant take-out; or pick up or deliver items such as commercial laundry. May take orders, collect payment, or stock merchandise.	2,413	2,927	109	181	341	↑	\$9.06 \$13.64	High school diploma or equivalent	None	Short-term OJT			R	E		Marketing	
<b>Drywall and Ceiling Tile Installers</b> (47-2081): Apply plasterboard or other wallboard to ceilings or interior walls of buildings. Apply or mount acoustical tiles or blocks, strips, or sheets of shock-absorbing materials to ceilings and walls of buildings to reduce or reflect sound.	424	454	11	25	39	↗	\$11.50 \$22.29	No formal educational credential	None	Moderate-term OJT	★		R	C		Architecture and Construction	
<b>Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters</b> (47-5097): Operate a variety of drills such as rotary, churn, and pneumatic to tap sub-surface water and salt deposits, to remove core samples during mineral exploration or soil testing, and to facilitate the use of explosives in mining or construction.	207	225	7	18	27	↑	n/a n/a	High school diploma or equivalent	Less than 5 years	Long-term OJT	★	★	★	R	I	C	Architecture and Construction

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Economics Teachers, Postsecondary</b> (25-1063): Teach courses in economics. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	82	88	4	4	9	↘	\$85,053 \$157,358	Doctoral or professional degree	None	None				S	I		Education and Training
<b>Economists</b> (19-3011): Conduct research, prepare reports, or formulate plans to address economic problems related to the production and distribution of goods and services or monetary and fiscal policy. May collect and process economic or statistical data using sampling or econometric methods.	n	n	n	n	n	↓	\$31.66 \$68.94	Master's degree	None	None				I	C	E	Science, Technology, Engineering, and Mathematics
<b>Editors</b> (27-3041): Plan, coordinate, or edit content of material for publication. May review proposals and drafts for possible publication. Includes technical editors.	243	247	8	15	23	↘	\$19.49 \$26.78	Bachelor's degree	Less than 5 years	None		★		A	E	C	Arts, Audio-Visual Technology, and Communications
<b>Education Administrators, All Other</b> (11-9039): All education administrators not listed separately. Includes Distance Learning Coordinators, and Fitness and Wellness Coordinators	100	124	3	5	10	↗	\$20.48 \$28.47	Bachelor's degree	Less than 5 years	None		★		E	S	R	Education and Training
<b>Education Administrators, Kindergarten through Secondary</b> (11-9032): Plan, direct, or coordinate the academic, administrative, or auxiliary activities of kindergarten, elementary, or secondary schools.	1,336	1,418	34	64	106	↗	\$69,062 \$97,684	Master's degree	5 years or more	None			★	E	S	C	Education and Training
<b>Education Administrators, Postsecondary</b> (11-9033): Plan, direct, or coordinate research, instructional, student administration and services, and other educational activities at postsecondary institutions, including universities, colleges, and junior and community colleges.	n	n	n	n	n	↗	\$27.92 \$45.44	Master's degree	Less than 5 years	None				E	C	S	Education and Training
<b>Education Administrators, Preschool and Daycare</b> (11-9031): Plan, direct, or coordinate academic or nonacademic activities of preschools or childcare centers and programs, including before- and after-school care.	442	497	12	22	40	↑	\$17.50 \$22.92	Bachelor's degree	Less than 5 years	None			★	S	E	C	Education and Training
<b>Education Teachers, Postsecondary</b> (25-1081): Teach courses pertaining to education, such as counseling, curriculum, guidance, instruction, teacher education, and teaching English as a second language. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	318	338	15	15	32	↗	\$42,952 \$63,904	Doctoral or professional degree	Less than 5 years	None				S	A	I	Education and Training
<b>Educational Instruction and Library Workers, All Other</b> (25-9099): All other educational instruction and library workers not listed separately.	255	275	13	12	27	↑	\$11.38 \$17.93	Bachelor's degree	None	None				S	A		Education and Training

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Educational, Guidance, and Career Counselors and Advisors (21-1012):</b> Advise and assist students and provide educational and vocational guidance services	2,055	2,282	71	128	222	↑	\$18.20 \$23.40	Master's degree	None	None	★	★	S			Education and Training	
<b>Electric Motor, Power Tool, and Related Repairers (49-2092):</b> Repair, maintain, or install electric motors, wiring, or switches.	n	n	n	n	n	↘	\$23.64 \$29.59	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★	★	R	C		Manufacturing	
<b>Electrical and Electronic Engineering Technologists and Technicians (17-3023):</b> Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, adjust, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff.	727	734	22	45	68	↗	\$22.91 \$30.01	Associate's degree	None	None	★	★	R	I	C	Manufacturing	
<b>Electrical and Electronics Drafters (17-3012):</b> Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for the manufacture, installation, or repair of electrical equipment.	115	126	4	8	13	↘	\$22.92 \$30.53	Associate's degree	None	None	★		R	C	I	Manufacturing	
<b>Electrical and Electronics Installers and Repairers, Transportation Equipment (49-2093):</b> Install, adjust, or maintain mobile electronics communication equipment, including sound, sonar, security, navigation, and surveillance systems on trains, watercraft, or other mobile equipment.	31	28	1	2	3	↓	\$23.30 \$29.15	Postsecondary non-degree award	None	Long-term OJT	★	★	R	C		Transportation, Distribution, and Logistics	
<b>Electrical and Electronics Repairers, Commercial and Industrial Equipment (49-2094):</b> Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas.	328	356	9	17	29	↑	\$18.50 \$24.58	Postsecondary non-degree award	None	Long-term OJT	★	★	R	I	C	Manufacturing	
<b>Electrical and Electronics Repairers, Powerhouse, Substation, and Relay (49-2095):</b> Inspect, test, repair, or maintain electrical equipment in generating stations, substations, and inservice relays.	n	n	n	n	n	↓	\$21.85 \$37.53	Postsecondary non-degree award	Less than 5 years	Moderate-term OJT	★	★	R	C		Manufacturing	
<b>Electrical Engineers (17-2071):</b> Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.	1,802	2,028	46	77	146	↑	\$37.52 \$52.14	Bachelor's degree	None	None		★	★	I	R	Science, Technology, Engineering, and Mathematics	
<b>Electrical Power-Line Installers and Repairers (49-9051):</b> Install or repair cables or wires used in electrical power or distribution systems. May erect poles and light or heavy duty transmission towers.	922	941	18	63	83	↗	\$32.25 \$46.31	High school diploma or equivalent	None	Long-term OJT	★	★	★	R	I	C	Architecture and Construction



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders (51-2028):</b> Assemble or modify electrical or electronic equipment, such as computers, test equipment, telemetering systems, electric motors, and batteries, or electromechanical equipment, such as servomechanisms, dynamometers, brakes, actuators, or appliances.	3,298	3,552	138	219	382	↑	\$15.39 \$18.33	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Electricians (47-2111):</b> Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.	2,968	3,297	91	230	354	↑	\$19.52 \$28.76	High school diploma or equivalent	None	Apprenticeship	★	★	★	R	I	C	Architecture and Construction	
<b>Electro-Mechanical and Mechatronics Technologists and Technicians (17-3024):</b> Operate, test, maintain, or adjust unmanned, automated, servomechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment to observe or record visual information at sites such as oil rigs, crop fields, buildings.	122	123	4	8	12	↘	\$25.23 \$30.92	Associate's degree	None	None	★	★		R	I	C	Manufacturing	
<b>Electronic Equipment Installers and Repairers, Motor Vehicles (49-2096):</b> Install, diagnose, or repair communications, sound, security, or navigation equipment in motor vehicles.	n	n	n	n	n	↓	\$18.30 \$22.25	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	I	C	Transportation, Distribution, and Logistics	
<b>Electronics Engineers, Except Computer (17-2072):</b> Research, design, develop, or test electronic components and systems for commercial, industrial, military, or scientific use, employing knowledge of electronic theory and materials properties. Design electronic circuits and components.	380	432	10	16	31	↑	\$36.49 \$47.76	Bachelor's degree	None	None		★	★	I	R		Science, Technology, Engineering, and Mathematics	
<b>Elementary School Teachers, Except Special Education (25-2021):</b> Teach students basic academic, social, and other formative skills in public or private schools at the elementary level.	6,321	6,679	200	260	496	↗	\$44,530 \$61,221	Bachelor's degree	None	None			★	S	A	C	Education and Training	
<b>Elevator and Escalator Installers and Repairers (47-4021):</b> Assemble, install, repair, or maintain electric or hydraulic freight or passenger elevators, escalators, or dumbwaiters.	n	n	n	n	n	↘	\$25.06 \$31.40	High school diploma or equivalent	None	Apprenticeship	★	★	★	R	I	C	Architecture and Construction	
<b>Eligibility Interviewers, Government Programs (43-4061):</b> Determine eligibility of persons applying to receive assistance from government programs and agency resources, such as welfare, unemployment benefits, social security, and public housing.	558	592	21	30	54	↗	\$16.07 \$22.11	High school diploma or equivalent	None	Moderate-term OJT				S	C	E	Government and Public Administration	
<b>Embalmers (39-4011):</b> Prepare bodies for interment in conformity with legal requirements.	n	n	n	n	n	↓	n/a n/a	Associate's degree	None	Long-term OJT	★	★	★	R	C	I	Human Services	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Emergency Management Directors (11-9161):</b> Plan and direct disaster response, crisis management, or disaster preparedness training, and prepare emergency plans and procedures for natural (hurricanes, floods, earthquakes), wartime, or technological (nuclear or hazardous spill) disasters.	84	88	3	4	7	↘	\$23.42 \$37.06	Bachelor's degree	5 years or more	None	★	★		S	E		Government and Public Administration
<b>Emergency Medical Technicians and Paramedics (29-2041):</b> Assess injuries, administer emergency medical care, and extricate trapped individuals. Transport injured or sick persons to medical facilities.	1,153	1,279	22	56	91	↗	n/a n/a	Postsecondary non-degree award	None	None	★	★	★	R	I	S	Law, Public Safety, Corrections, and Security
<b>Engine and Other Machine Assemblers (51-2031):</b> Construct, assemble, or rebuild machines such as engines, turbines, and similar equipment used in such industries as construction, extraction, textiles, and paper manufacturing.	65	56	2	4	5	↘	\$18.65 \$22.19	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing
<b>Engineering Teachers, Postsecondary (25-1032):</b> Teach courses pertaining to the application of physical laws and principles of engineering for the development of machines, materials, instruments, processes, and services. Includes teachers primarily engaged in teaching and those who combine teaching and research.	141	157	7	7	16	↘	\$79,410 \$99,336	Doctoral or professional degree	None	None		★		S	I	R	Education and Training
<b>Engineers, All Other (17-2199):</b> All engineers not listed separately. Includes Biochemical, Validation, Energy, Manufacturing, Mechatronics, Microsystems, Photonics, Robotics, Nanosystems, Wind Energy, and Solar Energy Systems Engineers.	334	344	7	14	22	↘	\$29.84 \$44.24	Bachelor's degree	None	None		★	★	I	R		Science, Technology, Engineering, and Mathematics
<b>English Language and Literature Teachers, Postsecondary (25-1123):</b> Teach courses in English language and literature, including linguistics and comparative literature. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	316	335	15	15	32	↗	\$50,166 \$77,966	Doctoral or professional degree	None	None		★		S	A	I	Education and Training
<b>Environmental Engineering Technologists and Technicians (17-3025):</b> Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental problems, including waste treatment and site remediation, under the direction of engineering staff.	34	40	1	2	4	↗	\$19.63 \$29.13	Associate's degree	None	None				R	I	C	Agriculture, Food, and Natural Resources
<b>Environmental Engineers (17-2081):</b> Research, design, plan, or perform engineering duties in the prevention, control, and remediation of environmental hazards using various engineering disciplines. Work may include waste treatment, site remediation, or pollution control technology.	245	257	6	12	19	↘	\$31.95 \$48.22	Bachelor's degree	None	None		★	★	I	R	C	Agriculture, Food, and Natural Resources
<b>Environmental Science and Protection Technicians, Including Health (19-4091):</b> Perform laboratory and field tests to monitor the environment and investigate sources of pollution, including those that affect health, under the direction of an environmental scientist, engineer, or other specialist.	113	128	3	11	16	↗	\$18.97 \$22.97	Associate's degree	None	None	★			I	R	C	Agriculture, Food, and Natural Resources

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Environmental Science Teachers, Postsecondary (25-1053):</b> Teach courses in environmental science. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	77	81	4	4	8	↘	\$56,885 \$96,386	Doctoral or professional degree	None	None				S	I	A	Education and Training
<b>Environmental Scientists and Specialists, Including Health (19-2041):</b> Conduct research or perform investigations for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population.	375	404	6	31	40	↑	\$25.08 \$35.36	Bachelor's degree	None	None	★	★		I	R	C	Science, Technology, Engineering, and Mathematics
<b>Epidemiologists (19-1041):</b> Investigate and describe the determinants and distribution of disease, disability, and other health outcomes, and develop the means for prevention and control.	25	33	0	2	3	↗	n/a n/a	Master's degree	None	None				I	S		Health Science
<b>Etchers and Engravers (51-9194):</b> Engrave or etch metal, wood, rubber, or other materials. Includes such workers as etcher-circuit processors, pantograph engravers, and silk screen etchers.	100	103	6	6	12	↘	\$16.09 \$18.31	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing
<b>Excavating and Loading Machine and Dragline Operators (53-7032):</b> Operate or tend machinery equipped with scoops, shovels, or buckets to excavate and load loose materials.	n	n	n	n	n	↑	\$22.15 \$23.02	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★			R			Architecture and Construction
<b>Executive Secretaries and Executive Administrative Assistants (43-6011):</b> Provide high-level administrative support. Conduct research, prepare statistical reports, handle information requests, prepare correspondence, receive visitors, arrange conference calls, and schedule meetings.	1,553	1,269	72	79	123	↗	\$23.41 \$29.64	High school diploma or equivalent	Less than 5 years	None		★		C	E		Business Management and Administration
<b>Exercise Physiologists (29-1128):</b> 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.	100	112	3	4	8	↗	\$22.52 \$28.42	Bachelor's degree	None	None		★		S	I	R	Health Science
<b>Exercise Trainers and Group Fitness Instructors (39-9031):</b> Instruct or coach groups or individuals in exercise activities for the primary purpose of personal fitness. Demonstrate techniques and form, observe participants, and explain to them corrective measures necessary to improve their skills. Develop and implement individualized approaches.	2,008	2,869	143	232	461	↑	\$14.77 \$22.65	High school diploma or equivalent	None	Short-term OJT	★	★		S	R	E	Human Services
<b>Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic (51-4021):</b> Set up, operate, or tend machines to extrude or draw thermoplastic or metal materials into tubes, rods, hoses, wire, bars, or structural shapes.	n	n	n	n	n	↗	\$15.67 \$21.63	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers (51-6091):</b> Set up, operate, or tend machines that extrude and form continuous filaments from synthetic materials such as liquid polymer, rayon, and fiberglass.	n	n	n	n	n	↓	\$14.79 \$18.70	High school diploma or equivalent	None	Moderate-term OJT				R			Manufacturing	
<b>Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders (51-9041):</b> Set up, operate, or tend machines such as glass forming, plodder, or tuber machines to shape and form products, such as glassware, food, rubber, soap, brick, tile, clay, wax, tobacco, or cosmetics.	199	210	6	15	22	↘	\$15.25 \$17.59	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Fabric and Apparel Patternmakers (51-6092):</b> Draw and construct sets of precision master fabric patterns or layouts. May also mark and cut fabrics and apparel.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	A	C	Manufacturing	
<b>Fallers (45-4021):</b> Use axes or chainsaws to fell trees using knowledge of tree characteristics and cutting techniques to control direction of fall and minimize tree damage.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Agriculture, Food, and Natural Resources	
<b>Family Medicine Physicians (29-1215):</b> 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.	748	791	12	9	25	↘	\$84.64 n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	S		Health Science	
<b>Farm Equipment Mechanics and Service Technicians (49-3041):</b> Diagnose, adjust, repair, or overhaul farm machinery and vehicles such as tractors, harvesters, dairy equipment, and irrigation systems.	112	130	4	8	14	↗	\$13.63 \$22.55	High school diploma or equivalent	None	Long-term OJT	★			R	C	I	Agriculture, Food, and Natural Resources	
<b>Farmers, Ranchers, and Other Agricultural Managers (11-9013):</b> Plan, direct, or coordinate the management or operation of farms, ranches, greenhouses, aquacultural operations, nurseries, timber tracts, or other agricultural establishments.	4,760	4,743	293	165	456	↗	n/a n/a	High school diploma or equivalent	5 years or more	None	★			E	R	C	Agriculture, Food, and Natural Resources	
<b>Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092):</b> Manually plant, cultivate, and harvest vegetables, fruits, nuts, horticultural specialties, and field crops. Use hand tools such as shovels, trowels, hoes, tampers, pruning hooks, shears, and knives.	2,108	2,219	92	247	350	↗	\$11.26 \$14.23	No formal educational credential	None	Short-term OJT				R	C		Agriculture, Food, and Natural Resources	
<b>Farmworkers, Farm, Ranch, and Aquacultural Animals (45-2093):</b> Attend to live farm, ranch, or aquacultural animals that may include cattle, sheep, swine, goats, horses and other equines, poultry, finfish, shellfish, and bees.	844	901	37	100	143	↗	\$11.41 \$14.33	No formal educational credential	None	Short-term OJT	★			R			Agriculture, Food, and Natural Resources	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Fashion Designers (27-1022):</b> Design clothing and accessories. Create original designs or adapt fashion trends.	163	155	5	10	14	↓	\$26.94 \$46.07	Bachelor's degree	None	None	★			A	E	R	Arts, Audio-Visual Technology, and Communications
<b>Fast Food and Counter Workers (35-3023):</b> Perform duties such as taking orders and serving food and beverages. Serve customers at counter or from a steam table. May take payment. May prepare food and beverages. Includes Baristas.	13,393	15,450	1,398	1,525	3,129	↑	\$10.17 \$12.07	No formal educational credential	None	Short-term OJT		★		R	C	S	Hospitality and Tourism
<b>Fence Erectors (47-4031):</b> Erect and repair fences and fence gates, using hand and power tools.	n	n	n	n	n	↘	\$17.16 \$19.31	No formal educational credential	None	Moderate-term OJT	★			R	C		Architecture and Construction
<b>Fiberglass Laminators and Fabricators (51-2091):</b> Laminate layers of fiberglass on molds to form boat decks and hulls, bodies for golf carts, automobiles, or other products.	n	n	n	n	n	↓	\$15.06 \$18.23	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing
<b>File Clerks (43-4071):</b> File correspondence, cards, invoices, receipts, and other records in alphabetical or numerical order or according to the filing system used. Locate and remove material from file when requested.	201	174	10	12	19	↓	\$13.23 \$17.74	High school diploma or equivalent	None	Short-term OJT				C	R	E	Business Management and Administration
<b>Film and Video Editors (27-4032):</b> Edit moving images on film, video, or other media. May edit or synchronize soundtracks with images.	163	200	6	11	21	↗	\$19.85 \$38.50	Bachelor's degree	None	None	★	★		A	E	I	Arts, Audio-Visual Technology, and Communications
<b>Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other (13-2098):</b> All financial specialists not listed separately, such as Financial Quantitative Analysts or Fraud Examiners, Investigators and Analysts. Includes financial and Investment Analysts, and Financial Risk Specialists.	1,229	1,350	23	74	109	↑	n/a n/a	Bachelor's degree	None	None	★	★		I	E	C	Finance
<b>Financial Clerks, All Other (43-3099):</b> All financial clerks not listed separately.	75	77	3	5	8	↘	\$10.63 \$21.01	High school diploma or equivalent	None	Short-term OJT				C	E		Finance
<b>Financial Examiners (13-2061):</b> Enforce or ensure compliance with laws and regulations governing financial and securities institutions and financial and real estate transactions. May examine, verify, or authenticate records.	145	151	4	7	12	↘	\$28.54 \$42.51	Bachelor's degree	None	Long-term OJT				E	C		Government and Public Administration

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Financial Managers (11-3031):</b> Plan, direct, or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.	3,980	4,740	89	219	384	↑	\$38.80 \$60.90	Bachelor's degree	5 years or more	None	★	★		E	C	S	Finance
<b>Fine Artists, Including Painters, Sculptors, and Illustrators (27-1013):</b> Create original artwork using any of a wide variety of media and techniques.	187	210	10	10	22	↗	\$14.63 \$16.99	Bachelor's degree	None	Long-term OJT	★	★		A	R		Arts, Audio-Visual Technology, and Communications
<b>Fire Inspectors and Investigators (33-2021):</b> Inspect buildings to detect fire hazards and enforce local ordinances and State laws, or investigate and gather facts to determine cause of fires and explosions.	37	39	2	2	4	↘	\$25.46 \$31.43	Postsecondary non-degree award	5 years or more	Moderate-term OJT	★			R	C	I	Law, Public Safety, Corrections, and Security
<b>Firefighters (33-2011):</b> Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.	2,453	2,669	56	132	210	↑	\$16.90 \$24.17	Postsecondary non-degree award	None	Long-term OJT	★	★	★	R	S	E	Law, Public Safety, Corrections, and Security
<b>First-Line Supervisors of Construction Trades and Extraction Workers (47-1011):</b> Directly supervise and coordinate activities of construction or extraction workers. Includes Solar Energy Installation Managers.	2,722	2,927	80	183	283	↑	\$24.49 \$30.43	High school diploma or equivalent	5 years or more	None		★	★	E	R	C	Architecture and Construction
<b>First-Line Supervisors of Correctional Officers (33-1011):</b> Directly supervise and coordinate activities of correctional officers and jailers.	110	111	4	5	9	↘	\$27.81 \$33.15	High school diploma or equivalent	Less than 5 years	None		★		E	C	R	Law, Public Safety, Corrections, and Security
<b>First-Line Supervisors of Farming, Fishing, and Forestry Workers (45-1011):</b> Directly supervise and coordinate the activities of agricultural, forestry, aquacultural, and related workers.	214	232	8	23	33	↑	\$18.73 \$23.37	High school diploma or equivalent	Less than 5 years	None	★			E	R	C	Agriculture, Food, and Natural Resources
<b>First-Line Supervisors of Fire Fighting and Prevention Workers (33-1021):</b> Directly supervise and coordinate activities of workers engaged in fire fighting and fire prevention and control.	430	471	11	18	33	↑	\$26.74 \$37.98	Postsecondary non-degree award	Less than 5 years	Moderate-term OJT	★	★		E	R	S	Law, Public Safety, Corrections, and Security
<b>First-Line Supervisors of Food Preparation and Serving Workers (35-1012):</b> Directly supervise and coordinate activities of workers engaged in preparing and serving food.	3,319	3,999	163	373	604	↑	\$14.80 \$18.88	High school diploma or equivalent	Less than 5 years	None		★		E	C	R	Hospitality and Tourism

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>First-Line Supervisors of Gambling Services Workers (35-1012):</b> Directly supervise and coordinate activities of workers in assigned gambling areas. May circulate among tables, observe operations, and ensure that stations and games are covered for each shift. May verify and pay off jackpots. May reset slot machines after payoffs and make repairs.	33	42	1	3	5	↗	\$16.98 \$20.83	High school diploma or equivalent	Less than 5 years	None			★	E	C	R	Hospitality and Tourism	
<b>First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011):</b> Directly supervise and coordinate work activities of cleaning personnel in hotels, hospitals, offices, and other establishments.	1,050	1,095	46	74	124	↗	\$16.73 \$22.67	High school diploma or equivalent	Less than 5 years	None	★	★		E	C	R	Hospitality and Tourism	
<b>First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012):</b> Directly supervise and coordinate activities of workers engaged in landscaping or groundskeeping activities. May review contracts, answer inquiries from potential customers, and prepare cost estimates.	1,314	1,375	42	96	144	↗	\$18.30 \$27.25	High school diploma or equivalent	Less than 5 years	None				E	R	C	Architecture and Construction	
<b>First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011):</b> Directly supervise and coordinate the activities of mechanics, installers, and repairers. Excludes team or work leaders.	2,151	2,323	65	133	215	↑	\$24.78 \$36.72	High school diploma or equivalent	Less than 5 years	None		★		E	C	R	Manufacturing	
<b>First-Line Supervisors of Non-Retail Sales Workers (41-1012):</b> Directly supervise and coordinate activities of sales workers other than retail sales workers. May perform duties such as budgeting, accounting, and personnel work, in addition to supervisory duties.	2,318	2,245	66	136	195	↗	\$27.55 \$46.23	High school diploma or equivalent	Less than 5 years	None				E	C	S	Marketing	
<b>First-Line Supervisors of Office and Administrative Support Workers (43-1011):</b> Directly supervise and coordinate the activities of clerical and administrative support workers.	7,439	7,411	276	454	727	↗	\$20.48 \$29.34	High school diploma or equivalent	Less than 5 years	None		★		E	C	S	Business Management and Administration	
<b>First-Line Supervisors of Personal Service and Entertainment and Recreation Workers, Except Gambling Services (39-1098):</b> Supervise and coordinate activities of personal service workers in home or residential care settings, or directly supervise and coordinate activities of entertainment and recreation related staff.	970	1,203	40	75	138	↑	n/a n/a	High school diploma or equivalent	Less than 5 years	None		★		E	C	S	Human Services	
<b>First-Line Supervisors of Police and Detectives (33-1012):</b> Directly supervise and coordinate activities of members of police force.	586	634	14	25	44	↑	\$34.13 \$41.00	High school diploma or equivalent	Less than 5 years	Moderate-term OJT		★		E	S	C	Law, Public Safety, Corrections, and Security	
<b>First-Line Supervisors of Production and Operating Workers (51-1011):</b> Directly supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators.	2,974	3,102	91	204	308	↗	\$23.41 \$32.06	High school diploma or equivalent	Less than 5 years	None		★		E	R	C	Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>First-Line Supervisors of Retail Sales Workers (41-1011):</b> Directly supervise and coordinate activities of retail sales workers in an establishment or department. Duties may include management functions such as purchasing, budgeting, accounting, and personnel work, in addition to supervisory duties.	7,885	7,396	270	529	750	↗	\$15.59 \$22.11	High school diploma or equivalent	Less than 5 years	None	★	★		E	C	S	Marketing	
<b>First-Line Supervisors of Transportation and Material-Moving Workers, Except Aircraft Cargo Handling Supervisors (53-1047):</b> Directly supervise and coordinate activities of transportation and material-moving machine or vehicle operators or helpers, or hand laborers, material movers, and helpers. May supervise and coordinate activities of passenger attendants.	2,266	2,412	85	162	262	↗	\$18.82 \$24.01	High school diploma or equivalent	Less than 5 years	None	★	★		E	R	S	Transportation, Distribution, and Logistics	
<b>Fish and Game Wardens (33-3031):</b> Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data. Includes Conservation Officers.	n	n	n	n	n	↓	n/a n/a	Bachelor's degree	None	Moderate-term OJT	★			R	I		Law, Public Safety, Corrections, and Security	
<b>Floor Layers, Except Carpet, Wood, and Hard Tiles (47-2042):</b> Apply blocks, strips, or sheets of shock-absorbing, sound-deadening, or decorative coverings to floors.	n	n	n	n	n	↗	\$20.06 \$23.50	No formal educational credential	None	Moderate-term OJT	★			R	C		Architecture and Construction	
<b>Floor Sanders and Finishers (47-2043):</b> Scrape and sand wooden floors to smooth surfaces using floor scraper and floor sanding machine, and apply coats of finish.	n	n	n	n	n	↘	n/a n/a	No formal educational credential	None	Moderate-term OJT				R			Architecture and Construction	
<b>Floral Designers (27-1023):</b> Design, cut, and arrange live, dried, or artificial flowers and foliage.	273	214	7	14	15	↓	\$11.89 \$14.33	High school diploma or equivalent	None	Moderate-term OJT	★			A	E	R	Arts, Audio-Visual Technology, and Communications	
<b>Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders (51-3091):</b> Operate or tend food or tobacco roasting, baking, or drying equipment, including hearth ovens, kiln driers, roasters, char kilns, and vacuum drying equipment.	210	218	8	16	25	↘	\$16.60 \$17.68	No formal educational credential	None	Moderate-term OJT				R	C		Agriculture, Food, and Natural Resources	
<b>Food Batchmakers (51-3092):</b> Set up and operate equipment that mixes or blends ingredients used in the manufacturing of food products. Includes candy makers and cheese makers.	330	356	16	26	45	↗	\$13.79 \$14.72	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Agriculture, Food, and Natural Resources	
<b>Food Cooking Machine Operators and Tenders (51-3093):</b> Operate or tend cooking equipment, such as steam cooking vats, deep fry cookers, pressure cookers, kettles, and boilers to prepare food products.	31	34	2	3	5	↘	\$14.36 \$16.68	High school diploma or equivalent	None	Moderate-term OJT				R	C		Agriculture, Food, and Natural Resources	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Food Preparation and Serving Related Workers, All Other (35-9099):</b> All food preparation and serving related workers not listed separately.	177	227	17	18	40	↑	\$7.59 \$11.16	No formal educational credential	None	Short-term OJT				E	C	S	Hospitality and Tourism
<b>Food Preparation Workers (35-2021):</b> Perform a variety of food preparation duties other than cooking, such as preparing cold foods and shellfish, slicing meat, and brewing coffee or tea.	2,708	2,947	222	260	506	↑	\$12.03 \$14.61	No formal educational credential	None	Short-term OJT		★		R	C		Hospitality and Tourism
<b>Food Processing Workers, All Other (51-3099):</b> All food processing workers not listed separately.	118	129	4	8	13	↘	\$10.27 \$14.37	No formal educational credential	None	Moderate-term OJT				R	C		Agriculture, Food, and Natural Resources
<b>Food Scientists and Technologists (19-1012):</b> Use chemistry, microbiology, engineering, and other sciences to study food processing and deterioration; analyze food to determine vitamins, fat, sugar, and protein; discover new food sources; and find ways to package, preserve, store, or distribute food.	n	n	n	n	n	↘	\$35.02 \$45.86	Bachelor's degree	None	None		★		I	R	C	Agriculture, Food, and Natural Resources
<b>Food Servers, Nonrestaurant (35-3041):</b> Serve food to individuals outside of a restaurant environment, such as in hotel rooms, hospital rooms, residential care facilities, or cars.	1,201	1,337	100	99	213	↑	\$10.91 \$13.70	No formal educational credential	None	Short-term OJT				S	R	E	Hospitality and Tourism
<b>Food Service Managers (11-9051):</b> Plan, direct, or coordinate activities of an organization or department that serves food and beverages. Excludes "Chefs and Head Cooks" (35-1011).	1,327	1,537	44	114	179	↑	\$22.18 \$29.22	High school diploma or equivalent	Less than 5 years	None	★	★		E	C	R	Hospitality and Tourism
<b>Foreign Language and Literature Teachers, Postsecondary (25-1124):</b> Teach languages and literature courses in languages other than English. Includes teachers of American Sign Language (ASL). Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	241	260	11	12	25	↘	n/a n/a	Doctoral or professional degree	None	None		★		S	A	I	Education and Training
<b>Forensic Science Technicians (19-4092):</b> Collect, identify, classify, and analyze physical evidence related to criminal investigations. Perform tests on weapons or substances such as fiber, hair, and tissue. May testify as expert witness on evidence or crime lab techniques.	49	55	1	5	7	↗	\$26.54 \$37.23	Bachelor's degree	None	Moderate-term OJT	★			I	R	C	Law, Public Safety, Corrections, and Security
<b>Forest and Conservation Technicians (19-4093):</b> Provide technical assistance regarding the conservation of soil, water, forests, or natural resources. May compile data on the characteristics of forest tracts, or train and lead forest workers in forest propagation and fire prevention and suppression.	75	76	2	7	9	↘	\$13.30 \$16.95	Associate's degree	None	None				R	I	E	Agriculture, Food, and Natural Resources

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Forest and Conservation Workers (45-4011):</b> Perform manual labor necessary to develop, maintain, or protect areas such as forests, woodlands, wetlands, and rangelands by raising seedlings, combating insects, pests, and diseases, and controlling water, erosion, and leaching of soil.	39	37	2	4	6	↓	\$14.18 \$14.43	High school diploma or equivalent	None	Moderate-term OJT				R	C	I	Agriculture, Food, and Natural Resources	
<b>Forest Fire Inspectors and Prevention Specialists (33-2022):</b> Enforce fire regulations, inspect forest for fire hazards, and recommend forest fire prevention or control measures. May report forest fires and weather conditions.	36	44	2	2	5	↗	\$12.70 \$15.64	High school diploma or equivalent	Less than 5 years	Moderate-term OJT				R	C	E	Law, Public Safety, Corrections, and Security	
<b>Foresters (19-1032):</b> Manage public and private forested lands for economic, recreational, and conservation purposes. May inventory type, amount, and location of standing timber, and appraise worth. May determine how to conserve wildlife habitats, creek beds, water quality, and soil stability.	120	130	2	9	12	↘	\$23.67 \$29.76	Bachelor's degree	None	None			★	R	I	E	Agriculture, Food, and Natural Resources	
<b>Forging Machine Setters, Operators, and Tenders, Metal and Plastic (51-4022):</b> Set up, operate, or tend forging machines to taper, shape, or form metal or plastic parts.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Foundry Mold and Coremakers (51-4071):</b> Make or form wax or sand cores or molds used in the production of metal castings in foundries.	146	143	5	10	15	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Fundraisers (13-1131):</b> Organize activities to raise funds or otherwise solicit and gather monetary donations or other gifts for an organization. May design and produce promotional materials. May also raise awareness of the organization's work, goals, and financial needs.	626	727	21	43	74	↑	\$20.02 \$29.02	Bachelor's degree	None	None				E	C	A	Marketing	
<b>Funeral Attendants (39-4021):</b> Perform a variety of tasks during funeral, such as placing casket in parlor or chapel prior to service; arranging floral offerings or lights around casket; directing or escorting mourners; closing casket; and issuing and storing funeral equipment.	100	105	6	8	14	↘	\$15.83 \$22.44	High school diploma or equivalent	None	Short-term OJT			★	S	E	R	Human Services	
<b>Funeral Service Managers (11-9061):</b> Plan, direct, or coordinate the services or resources of funeral homes. Includes activities such as determining prices for services or merchandise, and managing the facilities of funeral homes.	n	n	n	n	n	↘	\$31.13 \$46.66	Associate's degree	Less than 5 years	None	★	★		E	C	S	Human Services	
<b>Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders (51-9051):</b> Operate or tend heating equipment other than basic metal, plastic, or food processing equipment. Includes activities, such as annealing glass, drying lumber, curing rubber, removing moisture from materials, or boiling soap.	31	33	1	2	3	↘	\$16.71 \$21.61	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Furniture Finishers (51-7021):</b> Shape, finish, and refinish damaged, worn, or used furniture or new high-grade furniture to specified color or finish.	n	n	n	n	n	↘	\$17.98 \$22.61	High school diploma or equivalent	None	Short-term OJT	★			R	A		Manufacturing	
<b>Gambling Change Persons and Booth Cashiers (41-2012):</b> Exchange coins, tokens, and chips for patrons' money. May issue payoffs and obtain customer's signature on receipt. May operate a booth in the slot machine area and furnish change persons with money bank at the start of the shift, or count and audit money in drawers.	n	n	n	n	n	↗	\$13.75 \$16.21	No formal educational credential	None	Short-term OJT				C	E	R	Hospitality and Tourism	
<b>Gambling Dealers (39-3011):</b> Operate table games. Stand or sit behind table and operate games of chance by dispensing the appropriate number of cards or blocks to players, or operating other gambling equipment. Distribute winnings or collect players' money or chips. May compare the house's hand against players' hands.	240	304	15	24	45	↑	\$8.76 \$8.80	High school diploma or equivalent	None	Short-term OJT			★	C	E	R	Hospitality and Tourism	
<b>Gambling Surveillance Officers and Gambling Investigators (33-9031):</b> Observe gambling operation for irregular activities such as cheating or theft by either employees or patrons. Investigate potential threats to gambling assets such as money, chips, and gambling equipment. Act as oversight and security agent for management and customers.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	Less than 5 years	Moderate-term OJT				R	C	E	Law, Public Safety, Corrections, and Security	
<b>Gas Compressor and Gas Pumping Station Operators (53-7071):</b> Operate steam, gas, electric motor, or internal combustion engine driven compressors. Transmit, compress, or recover gases, such as butane, nitrogen, hydrogen, and natural gas.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT				R	C		Transportation, Distribution, and Logistics	
<b>Gas Plant Operators (51-8092):</b> Distribute or process gas for utility companies and others by controlling compressors to maintain specified pressures on main pipelines.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Long-term OJT				R	C		Manufacturing	
<b>General and Operations Managers (11-1021):</b> Plan, direct, or coordinate the operations of public or private sector organizations. Duties include formulating policies, managing operations, and planning use of materials and human resources, but are too diverse to be classified in any one functional area.	13,173	14,432	276	856	1,258	↑	\$27.07 n/a	Bachelor's degree	5 years or more	None	★	★		E	C	S	Business Management and Administration	
<b>General Internal Medicine Physicians (29-1216):</b> 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.	233	228	4	3	7	↓	\$90.54 n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	S	R	Health Science	
<b>Genetic Counselors (29-9092):</b> 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.	n	n	n	n	n	↗	n/a n/a	Master's degree	None	None			★	S	I	A	Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Geographers (19-3092):</b> Study the nature and use of areas of the Earth's surface, relating and interpreting interactions of physical and cultural phenomena. Conduct research on physical aspects of a region, including land forms, climate, soils, plants, and animals, and spatial implications of human activities in an area, as well as interdependence between regions.	n	n	n	n	n	↓	n/a n/a	Bachelor's degree	None	None				I	R	A	Science, Technology, Engineering, and Mathematics	
<b>Geography Teachers, Postsecondary (25-1064):</b> Teach courses in geography. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	27	29	1	1	2	↘	n/a n/a	Doctoral or professional degree	None	None		★		S	I		Education and Training	
<b>Geological and Hydrologic Technicians (19-4045):</b> Support scientists and engineers in exploring, extracting, and monitoring natural resources, such as soil, natural gas, water, metallic ore, minerals, or petroleum. Analyze mud and drill cuttings. Chart pressure, temperature, and other characteristics of wells or bore holes.	38	40	1	4	5	↘	n/a n/a	Associate's degree	None	Moderate-term OJT	★	★		R	I	C	Agriculture, Food, and Natural Resources	
<b>Geoscientists, Except Hydrologists and Geographers (19-2042):</b> Study the composition, structure, and other physical aspects of the Earth. May use geological, physics, and math knowledge to explore for oil, gas, minerals, or water. May study the earth's internal composition, atmospheres, and oceans.	131	142	2	11	14	↘	\$28.75 \$34.72	Bachelor's degree	None	None		★	★	I	R		Science, Technology, Engineering, and Mathematics	
<b>Glaziers (47-2121):</b> Install glass in windows, skylights, store fronts, and display cases, or on surfaces such as building fronts, interior walls, ceilings, and tabletops.	276	291	8	22	32	↗	\$19.05 \$23.37	High school diploma or equivalent	None	Apprenticeship	★			R	C		Architecture and Construction	
<b>Graders and Sorters, Agricultural Products (45-2041):</b> Grade, sort, or classify unprocessed food and other agricultural products by size, weight, color, or condition.	41	41	2	4	6	↓	n/a n/a	No formal educational credential	None	Short-term OJT				R	C		Agriculture, Food, and Natural Resources	
<b>Graphic Designers (27-1024):</b> Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects.	952	962	29	57	87	↗	\$18.64 \$24.03	Bachelor's degree	None	None	★	★		A	R	E	Arts, Audio-Visual Technology, and Communications	
<b>Grinding and Polishing Workers, Hand (51-9022):</b> Grind, sand, or polish - using hand tools or hand-held power tools - a variety of metal, wood, stone, clay, plastic, or glass objects. Includes chippers, buffers, and finishers.	35	30	1	2	3	↓	n/a n/a	No formal educational credential	None	Moderate-term OJT				R	C		Manufacturing	
<b>Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033):</b> Set up, operate, or tend grinding and related tools that remove excess material or burrs from surfaces, sharpen edges or corners, or buff, hone, or polish metal or plastic work pieces.	694	669	31	47	76	↗	\$15.41 \$18.10	High school diploma or equivalent	None	Moderate-term OJT	★			R			Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Grounds Maintenance Workers, All Other (37-3019):</b> All grounds maintenance workers not listed separately.	n	n	n	n	n	↘	\$14.73 \$18.04	No formal educational credential	None	Short-term OJT				R	C	Architecture and Construction	
<b>Hairdressers, Hairstylists, and Cosmetologists (39-5012):</b> Provide beauty services such as shampooing, cutting, coloring, and styling hair, and massaging and treating scalp. May apply makeup, dress wigs, perform hair removal, and provide nail and skin care services.	3,482	4,155	202	212	481	↑	\$11.41 \$14.16	Postsecondary non-degree award	None	None	★	★	A	E	S	Human Services	
<b>Hazardous Materials Removal Workers (47-4041):</b> Identify, remove, pack, transport, or dispose of hazardous materials such as asbestos, lead paint, waste oil, fuel, radioactive materials, or contaminated soil. Training and certification in hazardous materials handling are usually required.	n	n	n	n	n	↑	\$18.42 \$21.92	High school diploma or equivalent	None	Moderate-term OJT		★	★	R	C	Agriculture, Food, and Natural Resources	
<b>Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111):</b> Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws. Includes industrial product safety engineers.	52	56	1	2	3	↘	\$36.66 \$61.11	Bachelor's degree	None	None		★	★	I	R	C	Science, Technology, Engineering, and Mathematics
<b>Health Education Specialists (21-1091):</b> Provide and manage health education programs that help individuals, families, and communities maximize and maintain healthy lifestyles. Use data to identify community needs prior to planning, implementing, monitoring, and evaluating programs designed to encourage healthy lifestyles and environments.	253	296	9	19	32	↑	\$22.56 \$30.56	Bachelor's degree	None	None	★			S	E	Human Services	
<b>Health Information Technologists and Medical Registrars, Surgical Assistants, and Health Practitioners, All Other (29-9098):</b> All health diagnosing and treating practitioners not listed separately, such as Naturopathic Physicians and Orthoptists. Includes Health Information Technologists and Medical Registrars, and Surgical Assistants.	525	586	15	24	45	↑	n/a n/a	Postsecondary non-degree award	None	None	★	★	★	S	C	R	Health Science
<b>Health Specialties Teachers, Postsecondary (25-1071):</b> Teach courses in health specialties, in fields such as dentistry, laboratory technology, medicine, pharmacy, public health, therapy, and veterinary medicine.	418	508	21	22	52	↑	\$49,990 \$104,669	Doctoral or professional degree	Less than 5 years	None				S	I	Education and Training	
<b>Healthcare Social Workers (21-1022):</b> Provide individuals, families, and groups with the psychosocial support needed to cope with chronic, acute, or terminal illnesses. Advise family caregivers, provide patient education and counseling, and make referrals for other services.	626	686	18	42	66	↑	\$25.57 \$30.71	Master's degree	None	Internship/residency				S	I	Human Services	
<b>Healthcare Support Workers, All Other (31-9099):</b> All healthcare support workers not listed separately. Includes Speech-Language Pathology Assistants and Endoscopy Technicians.	401	447	24	28	57	↑	\$12.38 \$17.47	High school diploma or equivalent	None	None		★	★	C	R	Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Hearing Aid Specialists (29-2092):</b> 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.	n	n	n	n	n	↓	\$17.57 \$27.16	High school diploma or equivalent	None	Moderate-term OJT	★		★	S	I	R	Health Science	
<b>Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic (51-4191):</b> Set up, operate, or tend equipment such as heat-treating furnaces, flame-hardening machines, induction machines, soaking pits, or vacuum equipment to temper, harden, anneal, or heat-treat metal or plastic objects.	94	92	3	6	9	↓	\$16.50 \$18.55	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Manufacturing	
<b>Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021):</b> Install or repair heating, central air conditioning, or refrigeration systems, including oil burners, hot-air furnaces, and heating stoves.	2,302	2,429	61	161	235	↗	\$19.87 \$28.78	Postsecondary non-degree award	None	Long-term OJT	★	★	★	R	C	I	Architecture and Construction	
<b>Truck Drivers, Heavy and Tractor-Trailer (53-3032):</b> Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license.	7,491	7,979	317	524	890	↗	\$19.75 \$23.65	Postsecondary non-degree award	None	Short-term OJT	★	★		R	C		Transportation, Distribution, and Logistics	
<b>Helpers, Construction Trades, All Other (47-3019):</b> All construction trades helpers not listed separately.	86	93	3	8	12	↘	\$15.45 \$21.75	No formal educational credential	None	Short-term OJT		★		R	C		Architecture and Construction	
<b>Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters (47-3011):</b> Help brick, block, or stonemasons, or tile and marble setters by performing duties requiring less skill. Duties include using, supplying, or holding materials or tools, and cleaning work area and equipment.	155	153	4	14	18	↓	\$16.87 \$18.59	No formal educational credential	None	Short-term OJT	★			R			Architecture and Construction	
<b>Helpers--Carpenters (47-3012):</b> Help carpenters by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.	163	169	5	14	20	↘	\$12.16 \$17.48	No formal educational credential	None	Short-term OJT				R	C		Architecture and Construction	
<b>Helpers--Electricians (47-3013):</b> Help electricians by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.	152	155	4	13	17	↘	\$12.08 \$13.60	High school diploma or equivalent	None	Short-term OJT				R	C		Architecture and Construction	
<b>Helpers--Extraction Workers (47-5081):</b> Help extraction craft workers, such as earth drillers, blasters and explosives workers, derrick operators, and mining machine operators by performing duties requiring less skill. Duties include supplying equipment or cleaning work area.	109	120	4	10	15	↘	\$17.60 \$22.69	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Architecture and Construction	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Helpers--Installation, Maintenance, and Repair Workers (49-9098):</b> Help installation, maintenance, and repair workers to maintain and repair vehicles, machinery, and equipment. Perform duties such as furnishing or holding tools, materials, and supplies, or cleaning work area, machines, and tools.	567	612	25	49	78	↑	\$12.52 \$15.47	High school diploma or equivalent	None	Short-term OJT	★			R	C	I	Architecture and Construction	
<b>Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015):</b> Help plumbers, pipefitters, steamfitters, or pipelayers by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.	192	207	6	18	26	↑	\$14.17 \$18.04	High school diploma or equivalent	None	Short-term OJT				R			Architecture and Construction	
<b>Helpers--Production Workers (51-9198):</b> Help production workers by performing duties requiring less skill. Duties include supplying or holding materials or tools, and cleaning work area and equipment.	1,132	1,035	51	102	143	↗	\$13.31 \$16.16	High school diploma or equivalent	None	Short-term OJT		★		R	C		Manufacturing	
<b>Helpers--Roofers (47-3016):</b> Help roofers by performing duties requiring less skill. Duties include using, supplying or holding materials or tools, and cleaning work area and equipment.	n	n	n	n	n	↘	n/a n/a	No formal educational credential	None	Short-term OJT				R	C		Architecture and Construction	
<b>Highway Maintenance Workers (47-4051):</b> Maintain highways, municipal and rural roads, airport runways, and rights-of-way. Patch broken or eroded pavement, and repair guard rails, highway markers, and snow fences. May mow or clear brush from along road or plow snow from roadway.	1,577	1,670	64	102	175	↗	\$15.42 \$18.74	High school diploma or equivalent	None	Moderate-term OJT				R	C		Architecture and Construction	
<b>Historians (19-3093):</b> Research, analyze, record, and interpret the past as recorded in sources such as government and institutional records, newspapers and other periodicals, photographs, interviews, films, electronic media, and unpublished manuscripts, such as personal diaries and letters.	n	n	n	n	n	↓	n/a n/a	Master's degree	None	None	★	★		I			Science, Technology, Engineering, and Mathematics	
<b>History Teachers, Postsecondary (25-1125):</b> Teach courses in human history and historiography. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	103	111	5	5	11	↘	\$62,446 \$96,445	Doctoral or professional degree	None	None		★		S	I	A	Education and Training	
<b>Home Appliance Repairers (49-9031):</b> Repair, adjust, or install all types of electric or gas household appliances, such as refrigerators, washers, dryers, and ovens.	165	161	6	10	16	↓	\$14.45 \$21.16	High school diploma or equivalent	None	Moderate-term OJT	★		★	R	C	I	Manufacturing	
<b>Home Health and Personal Care Aides (31-1020):</b> Monitor the health status of an individual with disabilities or illness, and address their health-related needs, such as changing bandages, dressing wounds, or administering medication, performed under the direction of offsite or intermittent onsite licensed nursing staff. May provide personalized assistance to individuals with disabilities or illnesses who require help with personal care and activities of daily living (e.g.,	8,408	10,965	620	548	1,424	↑	\$12.15 \$14.12	High school diploma or equivalent	None	Short-term OJT	★			S	R	C	Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop (35-9031):</b> Welcome patrons, seat them at tables or in lounge, and help ensure quality of facilities and service.	1,424	1,801	191	182	411	↑	\$9.72 \$12.59	No formal educational credential	None	Short-term OJT				E	S		Hospitality and Tourism
<b>Hotel, Motel, and Resort Desk Clerks (43-4081):</b> Accommodate hotel, motel, and resort patrons. Register and assign rooms, issue room keys or cards, keep records of occupied rooms and guest accounts, make and confirm reservations, and present statements and collect payments.	888	1,040	56	102	173	↑	\$12.44 \$14.00	High school diploma or equivalent	None	Short-term OJT	★	★		C	E	S	Hospitality and Tourism
<b>Human Resources Assistants, Except Payroll and Timekeeping (43-4161):</b> Compile and keep personnel records. Record data for employees, such as address, weekly earnings, absences, amount of sales or production, supervisory reports, and date of and reason for termination.	669	676	26	41	68	↗	\$16.51 \$20.82	Associate's degree	None	None	★	★		C	E	S	Business Management and Administration
<b>Human Resources Managers (11-3121):</b> Plan, direct, or coordinate human resources activities and staff of an organization.	717	778	17	42	65	↑	\$40.63 \$61.14	Bachelor's degree	5 years or more	None		★		E	S	C	Business Management and Administration
<b>Human Resources Specialists (13-1071):</b> Perform activities in the human resource area. Includes employment specialists who screen, recruit, interview, and place workers.	2,786	3,111	80	196	308	↑	\$21.54 \$29.93	Bachelor's degree	None	None	★	★		E	C	S	Business Management and Administration
<b>Hydrologists (19-2043):</b> Research the distribution, circulation, and physical properties of underground and surface waters; and study the form and intensity of precipitation, its rate of infiltration into the soil, movement through the earth, and its return to the ocean and atmosphere.	100	113	2	8	11	↗	\$31.89 \$42.51	Bachelor's degree	None	None		★		I	R		Science, Technology, Engineering, and Mathematics
<b>Industrial Engineering Technologists and Technicians (17-3026):</b> Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries.	563	605	18	36	58	↑	\$23.02 \$28.95	Associate's degree	None	None	★			I	R	C	Manufacturing
<b>Industrial Engineers (17-2112):</b> Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.	1,887	2,206	45	82	159	↑	\$33.53 \$46.83	Bachelor's degree	None	None	★	★	★	I	C	E	Science, Technology, Engineering, and Mathematics
<b>Industrial Machinery Mechanics (49-9041):</b> Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.	2,033	2,506	70	123	240	↑	\$19.81 \$28.06	High school diploma or equivalent	None	Long-term OJT	★	★		R	I	C	Manufacturing



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Industrial Production Managers (11-3051):</b> Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.	1,070	1,146	21	52	81	↗	\$41.00 \$61.24	Bachelor's degree	5 years or more	None	★	★		E	C		Business Management and Administration	
<b>Industrial Truck and Tractor Operators (53-7051):</b> Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location. Excludes Logging Equipment Operators (45-4022).	1,444	1,548	45	115	170	↑	\$15.89 \$22.38	No formal educational credential	None	Short-term OJT		★		R	C		Transportation, Distribution, and Logistics	
<b>Information and Record Clerks, All Other (43-4199):</b> All information and record clerks not listed separately.	267	274	11	18	30	↗	\$14.58 \$21.04	High school diploma or equivalent	None	Short-term OJT		★		C	E		Business Management and Administration	
<b>Information Security Analysts (15-1122):</b> Perform a variety of computer network activities, such as implement or monitor security measures; design, create, and modify web sites; or design and implement computer and data communication networks.	576	793	11	38	71	↑	n/a n/a	Bachelor's degree	Less than 5 years	None	★	★		C	I	R	Information Technology	
<b>Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061):</b> Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments.	3,365	2,967	122	251	333	↗	\$16.79 \$22.74	High school diploma or equivalent	None	Moderate-term OJT	★	★		C	R		Manufacturing	
<b>Installation, Maintenance, and Repair Workers, All Other (49-9099):</b> All installation, maintenance, and repair workers not listed separately. Includes Geothermal Technicians.	262	288	10	18	31	↑	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★	★	★	R	C		Manufacturing	
<b>Instructional Coordinators (25-9031):</b> Develop instructional material, coordinate educational content, and incorporate current technology in specialized fields that provide guidelines to educators and instructors for developing curricula and conducting courses.	632	684	32	29	66	↑	\$23.70 \$30.98	Master's degree	5 years or more	None		★	★	S	I	E	Education and Training	
<b>Insulation Workers, Floor, Ceiling, and Wall (47-2131):</b> Line and cover structures with insulating materials. May work with batt, roll, or blown insulation materials.	215	231	5	15	22	↘	\$16.80 \$18.46	No formal educational credential	None	Short-term OJT	★			R			Architecture and Construction	
<b>Insurance Appraisers, Auto Damage (13-1032):</b> Appraise automobile or other vehicle damage to determine repair costs for insurance claim settlement. Prepare insurance forms to indicate repair cost or cost estimates and recommendations. May seek agreement with repair shop on repair costs.	n	n	n	n	n	↘	\$34.73 \$46.43	Postsecondary non-degree award	None	Moderate-term OJT				C	R	E	Finance	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Insurance Claims and Policy Processing Clerks (43-9041):</b> Process claims forms, new insurance policies, and modifications to existing policies. Obtain information to verify accuracy and completeness of information on forms, applications, and company records. Update existing policies to reflect changes.	1,254	1,258	44	74	118	↗	\$17.90 \$23.10	High school diploma or equivalent	None	Moderate-term OJT	★			C	E	S	Finance	
<b>Insurance Sales Agents (41-3021):</b> Sell life, property, casualty, health, automotive, or other types of insurance. May refer clients to independent brokers, work as an independent broker, or be employed by an insurance company.	2,642	2,826	91	153	262	↗	\$16.43 \$23.77	High school diploma or equivalent	None	Moderate-term OJT			★	E	C	S	Finance	
<b>Insurance Underwriters (13-2053):</b> Review individual applications for insurance to evaluate degree of risk involved and determine acceptance of applications.	287	282	6	15	21	↓	\$25.34 \$37.38	Bachelor's degree	None	Moderate-term OJT				C	E	I	Finance	
<b>Interior Designers (27-1025):</b> Plan, design, and furnish interiors of residential, commercial, or industrial buildings. Formulate design which is practical, aesthetic, and conducive to intended purposes, such as raising productivity, selling merchandise, or improving life style.	317	312	10	19	29	↗	\$20.69 \$29.75	Bachelor's degree	None	None	★			A	E		Architecture and Construction	
<b>Interpreters and Translators (27-3091):</b> Interpret oral or sign language, or translate written text from one language into another.	373	470	16	23	49	↑	\$19.39 \$23.47	Bachelor's degree	None	None		★	★	A	S		Education and Training	
<b>Interviewers, Except Eligibility and Loan (43-4111):</b> Interview persons by telephone, mail, in person, or by other means for the purpose of completing forms, applications, or questionnaires. Ask specific questions, record answers, and assist persons with completing form. Sort, classify, and file forms.	1,311	1,272	75	83	154	↗	\$16.06 \$18.23	High school diploma or equivalent	None	Short-term OJT				C	E	S	Business Management and Administration	
<b>Janitors and Cleaners, Except Maids and Housekeeping Cleaners (37-2011):</b> Keep buildings in clean and orderly condition. Perform heavy cleaning duties such as cleaning floors, shampooing rugs, washing walls and glass, and removing rubbish. May tend furnace or boiler.	9,462	10,013	608	682	1,345	↗	\$12.27 \$14.78	No formal educational credential	None	Short-term OJT	★			R	C		Hospitality and Tourism	
<b>Jewelers and Precious Stone and Metal Workers (51-9071):</b> Design, fabricate, adjust, repair, or appraise jewelry, gold, silver, other precious metals, or gems. Includes diamond polishers and gem cutters, casting metal in molds, or setting precious and semi-precious stones.	92	83	5	6	10	↓	\$19.04 \$27.58	High school diploma or equivalent	None	Long-term OJT	★			R	A	C	Manufacturing	
<b>Judges, Magistrate Judges, and Magistrates (23-1023):</b> Arbitrate, advise, adjudicate, or administer justice in a court of law. May sentence defendant in criminal cases according to government statutes or sentencing guidelines. May determine liability of defendant in civil cases.	90	91	2	2	4	↘	n/a n/a	Doctoral or professional degree	5 years or more	Short-term OJT		★		E	S		Law, Public Safety, Corrections, and Security	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Kindergarten Teachers, Except Special Education (25-2012):</b> Teach elemental natural and social science, personal hygiene, music, art, and literature to kindergarten students. Promote physical, mental, and social development. May be required to hold State certification.	472	500	20	28	51	↗	\$45,488 \$61,351	Bachelor's degree	None	None			★	S	A		Education and Training
<b>Labor Relations Specialists (13-1075):</b> Resolve disputes between workers and managers, negotiate collective bargaining agreements, or coordinate grievance procedures to handle employee complaints.	141	131	4	9	12	↓	\$9.35 \$29.96	Bachelor's degree	Less than 5 years	None				E	C	S	Business Management and Administration
<b>Laborers and Freight, Stock, and Material Movers, Hand (53-7062):</b> Manually move freight, stock, or other materials or perform other general labor. Includes all manual laborers not elsewhere classified.	5,863	6,464	270	536	866	↑	\$13.21 \$15.61	No formal educational credential	None	Short-term OJT	★			R			Transportation, Distribution, and Logistics
<b>Landscape Architects (17-1012):</b> Plan and design land areas for projects such as parks and other recreational facilities, airports, highways, hospitals, schools, land subdivisions, and commercial, industrial, and residential sites.	25	25	1	1	2	↓	\$28.35 \$29.70	Bachelor's degree	None	Internship/residency			★	A	I	R	Architecture and Construction
<b>Landscaping and Groundskeeping Workers (37-3011):</b> Landscape or maintain property grounds using hand or power tools or equipment. Tasks may include sod laying, mowing, trimming, digging, raking, planting, watering, fertilizing, sprinkler installation, or installing mortarless concrete wall units.	6,758	7,315	303	603	962	↑	\$13.48 \$17.92	No formal educational credential	None	Short-term OJT	★			R	C		Architecture and Construction
<b>Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034):</b> Set up, operate, or tend lathe and turning machines to turn, bore, thread, form, or face metal or plastic materials such as wire, rod, or bar stock.	65	61	2	4	6	↓	\$17.84 \$23.05	High school diploma or equivalent	None	Moderate-term OJT	★			R	I	C	Manufacturing
<b>Laundry and Dry-Cleaning Workers (51-6011):</b> Operate or tend washing or dry-cleaning machines to wash or dry-clean industrial or household articles such as cloth garments, suede, leather, furs, blankets, draperies, linens, rugs, and carpets. Includes spotters and dyers of these articles.	695	781	48	50	107	↑	\$11.37 \$14.01	No formal educational credential	None	Short-term OJT	★	★		R	C		Human Services
<b>Law Teachers, Postsecondary (25-1112):</b> Teach courses in law. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	n	n	n	n	n	↓	n/a n/a	Doctoral or professional degree	Less than 5 years	None				S	I	E	Education and Training
<b>Lawyers (23-1011):</b> Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.	2,361	2,611	54	61	140	↑	\$32.90 \$47.51	Doctoral or professional degree	None	None			★	★	E	I	Law, Public Safety, Corrections, and Security

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Lay-Out Workers, Metal and Plastic (51-4192):</b> Lay out reference points and dimensions on metal or plastic stock or workpieces, such as sheets, plates, tubes, structural shapes, castings, or machine parts, for further processing. Includes shipfitters.	n	n	n	n	n	↘	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Manufacturing
<b>Legal Secretaries and Administrative Assistants (43-6012):</b> Perform secretarial duties using legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas. May also assist with legal research.	576	461	26	29	43	↗	\$14.99 \$22.90	High school diploma or equivalent	None	Moderate-term OJT	★	★		C	E		Law, Public Safety, Corrections, and Security
<b>Legal Support Workers, All Other (23-2099):</b> All legal support workers not listed separately.	72	73	3	4	7	↘	\$24.71 \$36.51	Associate's degree	None	None			★	E	S	C	Law, Public Safety, Corrections, and Security
<b>Legislators (11-1031):</b> Develop, introduce, or enact laws and statutes at the local, tribal, State, or Federal level. Includes only workers in elected positions.	206	224	5	10	17	↘	\$16,989 \$17,602	Bachelor's degree	Less than 5 years	None				E	S		Government and Public Administration
<b>Librarians and Media Collections Specialists (25-4021):</b> Administer and maintain libraries or collections of information, for public or private access through reference or borrowing. Work in a variety of settings, such as educational institutions, museums, and corporations, and with various types of materials, such as books, recordings, films, and databases.	1,047	1,122	53	47	108	↗	\$20.54 \$29.43	Master's degree	None	None			★	C	S	R	Education and Training
<b>Library Assistants, Clerical (43-4121):</b> Compile records, sort, shelve, issue, and receive materials such as books, electronic media, pictures, cards, slides and microfilm. Locate materials for loan and replace in shelving, stacks, or file. Register patrons to permit them to borrow library materials.	830	809	73	52	123	↗	\$10.26 \$14.10	High school diploma or equivalent	None	Short-term OJT				C	R	S	Business Management and Administration
<b>Library Technicians (25-4031):</b> Assist librarians by helping readers to use library catalogs, databases, and indexes to locate books and other materials. Sort and shelve books or other media; remove or repair damaged books or other media; register patrons; and check materials in and out of circulation.	633	616	51	39	88	↗	\$14.26 \$18.27	Postsecondary non-degree award	None	None				C	S	E	Education and Training
<b>Licensed Practical and Licensed Vocational Nurses (29-2061):</b> Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, or group homes. May work under the supervision of a registered nurse. Licensure required.	2,095	2,264	74	91	182	↗	\$22.58 \$28.55	Postsecondary non-degree award	None	None	★	★	★	S	R		Health Science
<b>Life, Physical, and Social Science Technicians, All Other (19-4099):</b> All life, physical, and social science technicians not listed separately. Includes Quality Control Analysts; Precision Agriculture Technicians; and Remote Sensing Technicians.	106	123	3	11	16	↗	\$18.05 \$24.00	Associate's degree	None	None	★	★		I	R	C	Science, Technology, Engineering, and Mathematics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Lifeguards, Ski Patrol, and Other Recreational Protective Service (33-9092):</b> Monitor recreational areas such as pools, beaches, or ski slopes to provide assistance and protection to participants.	274	342	42	34	83	↑	\$9.58 \$11.80	No formal educational credential	None	Short-term OJT	★		R	S		Law, Public Safety, Corrections, and Security	
<b>Truck Drivers, Light (53-3033):</b> Drive a light vehicle, such as a truck or van, with a capacity of less than 26,001 pounds Gross Vehicle Weight (GVW), primarily to pick up merchandise or packages from a distribution center and deliver. May load and unload vehicle.	4,100	4,574	178	294	519	↑	\$11.87 \$17.68	High school diploma or equivalent	None	Short-term OJT			R	C		Transportation, Distribution, and Logistics	
<b>Lighting Technicians and Media and Communications Equipment Workers, All Other (27-4098):</b> All media and communication equipment workers not listed separately. Includes Lighting Technicians.	76	102	2	6	11	↗	n/a n/a	High school diploma or equivalent	None	Short-term OJT	★		S	E	C	Arts, Audio-Visual Technology, and Communications	
<b>Loan Interviewers and Clerks (43-4131):</b> Interview loan applicants to elicit information; investigate applicants' backgrounds and verify references; prepare loan request papers; and forward findings, reports, and documents to appraisers. Review loan papers, and complete transactions upon approval.	980	970	28	57	84	↗	\$16.97 \$22.85	High school diploma or equivalent	None	Short-term OJT			C	E		Finance	
<b>Loan Officers (13-2072):</b> Evaluate, authorize, or recommend approval of commercial, real estate, or credit loans. Advise borrowers on financial status and payment methods. Includes mortgage loan officers and agents, collection analysts, loan servicing officers, and loan underwriters.	1,322	1,360	29	73	106	↗	\$22.04 \$36.98	Bachelor's degree	Less than 5 years	Moderate-term OJT			C	E	S	Finance	
<b>Locksmiths and Safe Repairers (49-9094):</b> Repair and open locks; make keys; change locks and safe combinations; and install and repair safes.	n	n	n	n	n	↓	\$17.30 \$22.55	High school diploma or equivalent	None	Long-term OJT	★	★	R	C		Manufacturing	
<b>Locomotive Engineers (53-4011):</b> Drive electric, diesel-electric, steam, or gas-turbine-electric locomotives to transport passengers or freight. Interpret train orders, electronic or manual signals, and railroad rules and regulations.	20	22	0	1	1	↘	n/a n/a	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★	★	R	C		Transportation, Distribution, and Logistics	
<b>Lodging Managers (11-9081):</b> Plan, direct, or coordinate activities of an organization or department that provides lodging and other accommodations.	320	355	13	23	40	↑	\$17.48 \$28.70	High school diploma or equivalent	Less than 5 years	None	★		E	C	S	Hospitality and Tourism	
<b>Log Graders and Scalers (45-4023):</b> Grade logs or estimate the marketable content or value of logs or pulpwood in sorting yards, millpond, log deck, or similar locations. Inspect logs for defects or measure logs to determine volume.	55	50	2	6	8	↓	\$16.93 \$23.17	High school diploma or equivalent	None	Moderate-term OJT			R	C		Agriculture, Food, and Natural Resources	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Logging Equipment Operators (45-4022):</b> Drive logging tractor or wheeled vehicle equipped with one or more accessories, such as bulldozer blade, frontal shear, grapple, logging arch, cable winches, hoisting rack, or crane boom, to fell tree; skid, load, unload, or stack logs; pull stumps; or clear brush.	240	247	9	28	38	↗	\$15.18 \$18.44	High school diploma or equivalent	None	Moderate-term OJT				R	I	C	Agriculture, Food, and Natural Resources	
<b>Logging Workers, All Other (45-4029):</b> All logging workers not listed separately.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT				R	C		Agriculture, Food, and Natural Resources	
<b>Logisticians (13-1081):</b> Analyze and coordinate the logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources.	777	1,037	19	59	104	↑	\$25.95 \$37.38	Bachelor's degree	None	None	★			E	C		Transportation, Distribution, and Logistics	
<b>Machine Feeders and Offbearers (53-7063):</b> Feed materials into or remove materials from machines or equipment that is automatic or tended by other workers.	546	572	32	41	76	↗	\$13.29 \$14.97	No formal educational credential	None	Short-term OJT				R	C		Manufacturing	
<b>Machinists (51-4041):</b> Set up and operate a variety of machine tools to produce precision parts and instruments. May fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines.	1,942	2,103	68	138	222	↑	\$17.52 \$23.18	High school diploma or equivalent	None	Long-term OJT	★	★		R	C	I	Manufacturing	
<b>Magnetic Resonance Imaging Technologists (29-2035):</b> 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.	313	339	9	14	26	↑	\$32.11 \$38.24	Associate's degree	Less than 5 years	None	★	★	★	R	C	S	Health Science	
<b>Maids and Housekeeping Cleaners (37-2012):</b> Perform light cleaning duties to maintain private households or commercial establishments, such as hotels and hospitals, in a clean and orderly manner. May make beds, replenish linens, clean rooms and halls, and vacuum.	4,817	5,242	342	324	708	↑	\$12.48 \$14.29	No formal educational credential	None	Short-term OJT	★			R	C		Hospitality and Tourism	
<b>Mail Clerks and Mail Machine Operators, Except Postal Service (43-9051):</b> Prepare incoming and outgoing mail for distribution. Use hand or mail machines to time stamp, open, read, sort, and route incoming mail; and address, seal, stamp, fold, stuff, and affix postage to outgoing mail or packages.	355	328	17	21	35	↗	\$11.69 \$15.80	High school diploma or equivalent	None	Short-term OJT	★	★		C	R		Business Management and Administration	
<b>Maintenance and Repair Workers, General (49-9071):</b> Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment or structures in repair, such as pipe fitting, insulating, welding, carpentry, or repairing electrical equipment, floors, or stairs.	4,917	5,436	182	302	536	↑	\$15.58 \$22.33	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Maintenance Workers, Machinery (49-9043):</b> Lubricate machinery, change parts, or perform other routine machinery maintenance.	193	215	7	11	20	↘	\$19.02 \$29.81	High school diploma or equivalent	None	Long-term OJT	★	★		R	C	I	Manufacturing	
<b>Management Analysts (13-1111):</b> Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively.	3,527	3,997	121	216	384	↑	\$30.59 \$46.75	Bachelor's degree	Less than 5 years	None	★	★		I	E	C	Business Management and Administration	
<b>Manicurists and Pedicurists (39-5092):</b> Clean and shape customers' fingernails and toenails. May polish or decorate nails.	399	542	24	25	63	↑	\$12.76 \$17.05	Postsecondary non-degree award	None	None	★		★	R	E	S	Human Services	
<b>Manufactured Building and Mobile Home Installers (49-9095):</b> Move or install mobile homes or prefabricated buildings.	86	68	3	5	6	↓	\$16.42 \$22.78	High school diploma or equivalent	None	Short-term OJT			★	R	C		Architecture and Construction	
<b>Marine Engineers and Naval Architects (17-2121):</b> Design, develop, and evaluate the operation of marine vessels, ship machinery, and related equipment, such as power supply and propulsion systems.	n	n	n	n	n	↘	n/a n/a	Bachelor's degree	None	None		★	★	I	R	A	Science, Technology, Engineering, and Mathematics	
<b>Market Research Analysts and Marketing Specialists (13-1161):</b> Research market conditions, or gather information to determine potential sales of a product or service, or create a marketing campaign. May gather information on competitors, prices, sales, and methods of marketing and distribution.	2,561	3,157	68	209	337	↑	\$20.07 \$30.51	Bachelor's degree	None	None	★	★		I	E	C	Marketing	
<b>Marketing Managers (11-2021):</b> Plan, direct, or coordinate marketing policies and programs, such as determining the demand for products and services offered by a firm and its competitors, and identify potential customers. Develop pricing strategies, oversee product development, or monitor trends.	1,292	1,424	27	86	126	↑	\$43.07 \$62.00	Bachelor's degree	5 years or more	None				E	C		Marketing	
<b>Marriage and Family Therapists (21-1013):</b> Diagnose and treat mental and emotional disorders, whether cognitive, affective, or behavioral, within the context of marriage and family systems. Apply psychotherapeutic and family systems theories and techniques in the delivery of services.	37	41	1	2	3	↘	\$17.64 \$22.35	Master's degree	None	Internship/residency			★	S	A	I	Human Services	
<b>Massage Therapists (31-9011):</b> 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.	2,000	2,368	128	114	279	↑	\$14.58 \$23.07	Postsecondary non-degree award	None	None	★		★	S	R		Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Material Moving Workers, All Other</b> (53-7199): All material moving workers not listed separately.	n	n	n	n	n	↓	n/a n/a	No formal educational credential	None	Short-term OJT	★			R	E	C	Transportation, Distribution, and Logistics	
<b>Materials Engineers</b> (17-2131): Evaluate materials and develop machinery and processes to manufacture materials for use in products that must meet specialized design and performance specifications. Develop new uses for known materials.	71	76	2	3	5	↘	\$38.75 \$46.10	Bachelor's degree	None	None	★	★	★	I	R	E	Science, Technology, Engineering, and Mathematics	
<b>Materials Scientists</b> (19-2032): Research and study the structures and chemical properties of natural and synthetic or composite materials such as metals, alloys, rubber, ceramics, semiconductors, polymers, and glass. Determine ways to strengthen or combine materials or develop new materials.	123	134	2	10	13	↘	\$45.66 \$80.31	Bachelor's degree	None	None				I	R		Science, Technology, Engineering, and Mathematics	
<b>Mathematical Science Teachers, Postsecondary</b> (25-1022): Teach courses pertaining to mathematical concepts, statistics, and actuarial science and to the application of original and standardized mathematical techniques in solving specific problems and situations. Includes teachers primarily engaged in teaching and those who combine teaching and research.	140	146	6	7	14	↘	\$53,925 \$77,629	Doctoral or professional degree	None	None		★		S	I	A	Education and Training	
<b>Mathematicians</b> (15-2021): Conduct research in fundamental mathematics or in application of mathematical techniques to science, management, and other fields. Solve problems in various fields using mathematical methods.	23	24	0	1	1	↘	n/a n/a	Master's degree	None	None				I	C	A	Science, Technology, Engineering, and Mathematics	
<b>Meat, Poultry, and Fish Cutters and Trimmers</b> (51-3022): Use hand or hand tools to perform routine cutting and trimming of meat, poultry, and seafood.	n	n	n	n	n	↓	\$10.62 \$14.01	No formal educational credential	None	Short-term OJT				R			Agriculture, Food, and Natural Resources	
<b>Mechanical Door Repairers</b> (49-9011): Install, service, or repair automatic door mechanisms and hydraulic doors. Includes garage door mechanics.	125	150	3	8	13	↗	\$12.69 \$22.81	High school diploma or equivalent	None	Moderate-term OJT	★	★		R			Architecture and Construction	
<b>Mechanical Drafters</b> (17-3013): Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.	316	306	10	20	29	↗	\$23.02 \$29.68	Associate's degree	None	None	★			R	C	I	Manufacturing	
<b>Mechanical Engineering Technologists and Technicians</b> (17-3027): Apply theory and principles of mechanical engineering to modify, develop, test, or adjust machinery and equipment under direction of engineering staff or physical scientists. Includes Automotive Engineering Technicians.	713	771	22	46	74	↑	\$22.18 \$29.13	Associate's degree	None	None	★	★		R	C	I	Manufacturing	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Mechanical Engineers (17-2141):</b> Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.	2,532	2,756	45	109	176	↑	\$33.49 \$46.83	Bachelor's degree	None	None	★	★	★	I	R	C	Science, Technology, Engineering, and Mathematics
<b>Media and Communication Workers, All Other (27-3099):</b> All media and communication workers not listed separately.	n	n	n	n	n	↘	\$13.84 \$30.02	High school diploma or equivalent	None	Short-term OJT				S	A	E	Arts, Audio-Visual Technology, and Communications
<b>Medical and Health Services Managers (11-9111):</b> Plan, direct, or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations.	2,082	2,749	60	123	250	↑	\$35.81 \$49.28	Bachelor's degree	Less than 5 years	None	★	★	★	E	C	S	Health Science
<b>Medical Appliance Technicians (51-9082):</b> Construct, fit, maintain, or repair medical supportive devices such as braces, orthotics and prosthetic devices, joints, arch supports, and other surgical and medical appliances.	61	70	3	5	9	↗	\$17.86 \$23.29	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	I	S	Manufacturing
<b>Medical Assistants (31-9092):</b> Perform administrative and clinical duties as directed by a physician. Duties may include scheduling appointments, maintaining medical records, billing, coding for insurance, taking vital signs and medical histories, preparing patients for exam, or drawing blood.	2,864	3,399	128	234	416	↑	\$15.89 \$18.37	Postsecondary non-degree award	None	None	★	★		S	C	R	Health Science
<b>Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other (29-2071):</b> All health technologists and technicians not listed separately, such as Neurodiagnostic Technologists, Ophthalmic Medical Technologists, and Patient Representatives.	1,278	1,384	36	57	104	↑	n/a n/a	Postsecondary non-degree award	None	None	★	★		C	I	R	Health Science
<b>Medical Equipment Preparers (31-9093):</b> Prepare, sterilize, install, or clean laboratory or healthcare equipment. May perform routine laboratory tasks and operate or inspect equipment.	318	340	18	22	42	↗	\$14.94 \$18.40	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Health Science
<b>Medical Equipment Repairers (49-9062):</b> Test, adjust, or repair biomedical or electromedical equipment.	190	206	9	12	23	↘	\$18.86 \$28.98	Associate's degree	None	Moderate-term OJT	★	★		R	I	C	Manufacturing
<b>Medical Scientists, Except Epidemiologists (19-1042):</b> Conduct research dealing with the understanding of human diseases and the improvement of human health. Engage in clinical investigation, research and development, or other related activities.	270	315	4	17	25	↗	\$32.34 \$38.81	Doctoral or professional degree	None	None		★		I	R	A	Science, Technology, Engineering, and Mathematics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Medical Secretaries and Administrative Assistants (43-6013):</b> Perform secretarial duties using specific knowledge of medical terminology and hospital, clinic, or laboratory procedures. Duties may include scheduling appointments, billing patients, and compiling and recording medical charts, reports, and correspondence.	3,378	3,755	182	199	419	↑	\$16.30 \$18.21	High school diploma or equivalent	None	Moderate-term OJT	★				C	S	Health Science	
<b>Medical Transcriptionists (31-9094):</b> Transcribe medical reports recorded by physicians and other practitioners, covering office visits, emergency room visits, diagnostic imaging studies, operations, chart reviews, and final summaries. Transcribe dictated reports and translate abbreviations.	326	337	17	29	47	↗	\$14.22 \$18.37	Postsecondary non-degree award	None	None	★				C	R	Health Science	
<b>Meeting, Convention, and Event Planners (13-1121):</b> Coordinate activities of staff, convention personnel, or clients to make arrangements for group meetings, events, or conventions.	459	535	15	36	59	↑	\$16.78 \$23.27	Bachelor's degree	None	None				E	C	S	Marketing	
<b>Mental Health and Substance Abuse Social Workers (21-1023):</b> Assess and treat individuals with mental, emotional, or substance abuse problems, including alcohol, tobacco, and/or other drugs. Provide therapy, crisis intervention, case management, client advocacy, prevention, or education.	466	538	14	32	53	↑	\$20.89 \$29.56	Master's degree	None	Internship/residency			★	S	I	A	Human Services	
<b>Merchandise Displayers and Window Trimmers (27-1026):</b> Plan and erect commercial displays, such as those in windows and interiors of retail stores and at trade exhibitions.	542	544	17	32	49	↗	\$13.69 \$17.65	High school diploma or equivalent	None	Short-term OJT	★				A	E	R	Marketing
<b>Metal Workers and Plastic Workers, All Other (51-4199):</b> All metal workers and plastic workers not listed separately.	523	519	17	35	52	↗	\$13.85 \$18.10	High school diploma or equivalent	None	Moderate-term OJT	★				R	C	Manufacturing	
<b>Metal-Refining Furnace Operators and Tenders (51-4051):</b> Operate or tend furnaces, such as gas, oil, coal, electric-arc or electric induction, open-hearth, or oxygen furnaces, to melt and refine metal before casting or to produce specified types of steel.	61	63	1	4	5	↘	\$17.73 \$22.66	High school diploma or equivalent	None	Moderate-term OJT	★				R	I	C	Manufacturing
<b>Meter Readers, Utilities (43-5041):</b> Read meter and record consumption of electricity, gas, water, or steam.	49	46	1	2	3	↓	\$12.81 \$23.19	High school diploma or equivalent	None	Short-term OJT					C	R	Business Management and Administration	
<b>Microbiologists (19-1022):</b> Investigate the growth, structure, development, and other characteristics of microscopic organisms such as bacteria, algae, or fungi. Includes medical microbiologists who study the relationship between organisms and disease or the effects of antibiotics on microorganisms.	160	168	3	12	16	↘	\$25.59 \$31.01	Bachelor's degree	None	None		★			I	R	Science, Technology, Engineering, and Mathematics	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Middle School Teachers, Except Special and Career/Technical Education (25-2022):</b> Teach students in one or more subjects in public or private schools at the middle, intermediate, or junior high level, which falls between elementary and senior high school.	2,876	3,041	91	118	225	↗	\$45,647 \$61,640	Bachelor's degree	None	None			★	S	A		Education and Training	
<b>Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic (51-4035):</b> Set up, operate, or tend milling or planing machines to mill, plane, shape, groove, or profile metal or plastic work pieces.	43	35	1	3	3	↓	\$17.20 \$23.20	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Millwrights (49-9044):</b> Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.	68	71	2	4	6	↘	\$21.06 \$29.20	High school diploma or equivalent	None	Apprenticeship	★			R	C	I	Architecture and Construction	
<b>Mining and Geological Engineers, Including Mining Safety Engineers (17-2151):</b> Conduct sub-surface surveys to identify characteristics of potential land or mining development sites. May inspect for unsafe conditions or specify equipment for safe, economical, and environmentally sound extraction.	n	n	n	n	n	↘	n/a n/a	Bachelor's degree	None	None	★	★		I	R	E	Science, Technology, Engineering, and Mathematics	
<b>Miscellaneous Assemblers and Fabricators (51-2090):</b> All assemblers and fabricators not listed separately. Includes Team Assemblers.	5,330	4,772	193	360	497	↗	\$13.43 \$17.86	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Miscellaneous Construction and Related Workers (47-4090):</b> All construction and related workers not listed separately, including Segmental Pavers (47-4091).	73	80	2	6	9	↘	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★	★		R			Architecture and Construction	
<b>Miscellaneous Entertainers and Performers, Sports and Related Workers (27-2090):</b> All entertainers and performers, sports and related workers not listed separately.	n	n	n	n	n	↗	n/a n/a	No formal educational credential	None	Short-term OJT			★	A	E		Arts, Audio-Visual Technology, and Communications	
<b>Miscellaneous First-Line Supervisors, Protective Service Workers (33-1090):</b> All other protective service supervisors not listed separately. Includes first-line supervisors of security workers.	209	221	8	12	21	↘	n/a n/a	High school diploma or equivalent	Less than 5 years	None		★		S	E	R	Law, Public Safety, Corrections, and Security	
<b>Mixing and Blending Machine Setters, Operators, and Tenders (51-9023):</b> Set up, operate, or tend machines to mix or blend materials such as chemicals, tobacco, liquids, color pigments, or explosive ingredients.	386	443	14	31	51	↑	\$16.59 \$22.38	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Mobile Heavy Equipment Mechanics, Except Engines (49-3042):</b> Diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining.	550	635	18	40	66	↑	\$21.58 \$28.94	High school diploma or equivalent	None	Long-term OJT	★	★		R	C		Transportation, Distribution, and Logistics	
<b>Model Makers, Metal and Plastic (51-4061):</b> Set up and operate machines such as lathes, milling and engraving machines, and jig borers to make working models of metal or plastic objects. Includes template makers.	32	32	1	2	3	↓	\$21.37 \$38.61	High school diploma or equivalent	None	Moderate-term OJT	★			R	I	C	Manufacturing	
<b>Molders, Shapers, and Casters, Except Metal and Plastic (51-9195):</b> Mold, shape, form, cast, or carve products such as food products, figurines, tile, pipes, and candles consisting of clay, glass, plaster, concrete, stone, or combinations of materials.	121	152	5	9	17	↗	\$16.62 \$18.12	High school diploma or equivalent	None	Long-term OJT	★			R	C		Manufacturing	
<b>Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic (51-4072):</b> Set up, operate, or tend metal or plastic molding, casting, or coremaking machines to mold or cast metal or thermoplastic parts or products.	790	742	25	52	72	↗	\$13.86 \$17.71	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Morticians, Undertakers and Funeral Directors (39-4031):</b> Perform various tasks to arrange and direct funeral services, such as interviewing family to arrange details, selecting pallbearers, aiding with the selection of officials for religious rites, and providing transportation for mourners.	84	89	4	6	10	↘	\$26.43 \$30.87	Associate's degree	None	Long-term OJT		★	★	E	S	C	Human Services	
<b>Motor Vehicle Operators, All Other (53-3099):</b> All motor vehicle operators not listed separately.	162	186	18	10	30	↑	\$10.29 \$11.54	No formal educational credential	None	Short-term OJT				R	C	E	Transportation, Distribution, and Logistics	
<b>Motorboat Mechanics and Service Technicians (49-3051):</b> Repair and adjust electrical and mechanical equipment of inboard or inboard-outboard boat engines.	138	167	7	10	20	↗	\$17.35 \$22.68	High school diploma or equivalent	None	Long-term OJT	★	★		R	C	I	Transportation, Distribution, and Logistics	
<b>Motorcycle Mechanics (49-3052):</b> Diagnose, adjust, repair, or overhaul motorcycles, scooters, mopeds, dirt bikes, or similar motorized vehicles.	215	244	10	15	28	↑	\$16.88 \$22.62	Postsecondary non-degree award	None	Short-term OJT	★			R			Transportation, Distribution, and Logistics	
<b>Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081):</b> Set up, operate, or tend more than one type of cutting or forming machine tool or robot.	1,131	1,206	38	79	125	↗	\$14.35 \$18.09	High school diploma or equivalent	None	Moderate-term OJT	★			R			Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Museum Technicians and Conservators (25-4013):</b> Restore, maintain, or prepare objects in museum collections for storage, research, or exhibit. May work with specimens such as fossils, skeletal parts, or botanicals, or artifacts, textiles, or art. May identify and record objects or arrange exhibits.	30	36	2	2	5	↗	\$17.01 \$22.55	Bachelor's degree	None	None				R	A		Education and Training
<b>Music Directors and Composers (27-2041):</b> Conduct, direct, plan, and lead instrumental or vocal performances by musical groups, such as orchestras, bands, choirs, and glee clubs. Includes arrangers, composers, choral directors, and orchestrators.	118	123	7	7	14	↘	n/a n/a	Bachelor's degree	Less than 5 years	None				A	E	S	Arts, Audio-Visual Technology, and Communications
<b>Musical Instrument Repairers and Tuners (49-9063):</b> Repair percussion, stringed, reed, or wind instruments. May specialize in one area, such as piano tuning.	n	n	n	n	n	↘	\$11.05 \$14.35	High school diploma or equivalent	None	Apprenticeship	★	★		R	A	I	Manufacturing
<b>Musicians and Singers (27-2042):</b> Play one or more musical instruments or sing. May perform on stage, for on-air broadcasting, or for sound or video recording.	326	350	20	19	41	↗	\$8.51 \$9.08	No formal educational credential	None	Long-term OJT	★	★		A	E	S	Arts, Audio-Visual Technology, and Communications
<b>Natural Sciences Managers (11-9121):</b> Plan, direct, or coordinate activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields.	208	224	4	11	17	↘	n/a n/a	Bachelor's degree	5 years or more	None		★		E	I		Agriculture, Food, and Natural Resources
<b>Network and Computer Systems Administrators (15-1142):</b> Install, configure, and support an organization's local area network (LAN), wide area network (WAN), or Internet systems. May monitor network or web site to ensure correct operation, perform maintenance, or enact security measures.	2,301	2,434	40	112	165	↗	\$30.69 \$39.22	Bachelor's degree	None	None	★	★		I	R	C	Information Technology
<b>New Accounts Clerks (43-4141):</b> Interview persons desiring to open accounts in financial institutions. Explain account services available to prospective customers and assist them in preparing applications.	410	340	12	24	29	↗	\$16.41 \$18.46	High school diploma or equivalent	None	Moderate-term OJT				C	E	S	Finance
<b>News Analysts, Reporters, and Journalists (27-3063):</b> Narrate or write news stories, reviews, or commentary for print, broadcast, or other communications media such as newspapers, magazines, radio, or television. May collect and analyze information through interview, investigation, or observation.	128	123	4	10	14	↘	\$14.83 \$18.45	Bachelor's degree	None	None		★		A	E	I	Arts, Audio-Visual Technology, and Communications
<b>Nuclear Engineers (17-2161):</b> Conduct research on nuclear engineering projects or apply principles and theory of nuclear science to problems concerned with release, control, and use of nuclear energy and nuclear waste disposal.	n	n	n	n	n	↘	\$47.57 \$61.55	Bachelor's degree	None	None		★	★	I	R	C	Science, Technology, Engineering, and Mathematics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Nuclear Medicine Technologists (29-2033):</b> 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.	66	70	2	3	5	↘	\$35.01 \$39.04	Associate's degree	None	None	★	★	I	R	S	Health Science	
<b>Nuclear Power Reactor Operators (51-8011):</b> Operate or control nuclear reactors. Move control rods, start and stop equipment, monitor and adjust controls, and record data in logs. Implement emergency procedures as needed. Respond to abnormalities, determine cause, and recommend corrective action.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Long-term OJT	★		R	C	E	Manufacturing	
<b>Nuclear Technicians (19-4051):</b> Assist nuclear physicists, nuclear engineers, or other scientists in laboratory or production activities. May operate, maintain, or provide quality control for nuclear testing and research equipment. May monitor radiation.	n	n	n	n	n	↓	n/a n/a	Associate's degree	None	Moderate-term OJT	★		R	C	I	Manufacturing	
<b>Nurse Anesthetists (29-1151):</b> 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.	202	230	4	6	13	↗	\$90.96 n/a	Master's degree	None	None	★	★	I	R	S	Health Science	
<b>Nurse Midwives (29-1161):</b> 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.	60	67	1	2	4	↘	\$43.69 \$48.80	Master's degree	None	None	★	★	S	I		Health Science	
<b>Nurse Practitioners (29-1171):</b> 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.	1,089	1,734	30	44	138	↑	\$44.54 \$58.21	Master's degree	None	None	★	★	S	I	R	Health Science	
<b>Nursing Assistants (31-1014):</b> Provide basic patient care under direction of nursing staff. Perform duties such as feed, bathe, dress, groom, or move patients, or change linens. May transfer or transport patients. Includes nursing care attendants, nursing aides, and nursing attendants.	7,743	8,272	513	453	1,019	↗	\$14.12 \$17.68	Postsecondary non-degree award	None	None	★	★	S	C	R	Health Science	
<b>Nursing Instructors and Teachers, Postsecondary (25-1072):</b> Demonstrate and teach patient care in classroom and clinical units to nursing students. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	224	271	11	12	28	↑	\$56,106 \$78,614	Master's degree	Less than 5 years	None			S	I		Education and Training	
<b>Obstetricians and Gynecologists (29-1064):</b> Physicians who provide medical care related to pregnancy or childbirth and those who diagnose, treat, and help prevent diseases of women, particularly those affecting the reproductive system. May also provide general medical care to women.	92	90	2	1	3	↓	\$108.81 n/a	Doctoral or professional degree	None	Internship/residency	★	★	I	S	R	Health Science	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Occupational Health and Safety Specialists (29-9011):</b> Review, evaluate, and analyze work environments and design procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors.	540	606	16	25	48	↑	\$24.91 \$38.19	Bachelor's degree	None	None	★	★	★	I	C	Government and Public Administration	
<b>Occupational Health and Safety Technicians (29-9012):</b> Collect data on work environments for analysis by occupational health and safety specialists. Implement and conduct evaluation of programs designed to limit chemical, physical, biological, and ergonomic risks to workers.	34	37	1	2	3	↘	\$21.31 \$23.60	High school diploma or equivalent	None	Moderate-term OJT	★	★	★	C	R	Government and Public Administration	
<b>Occupational Therapists (29-1122):</b> Assess, plan, organize, and participate in 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.	1,021	1,200	24	36	78	↑	\$30.79 \$38.03	Master's degree	None	None		★	★	S	I	Health Science	
<b>Occupational Therapy Aides (31-2012):</b> 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.	n	n	n	n	n	↗	\$13.23 \$17.47	High school diploma or equivalent	None	Short-term OJT				S	R	Health Science	
<b>Occupational Therapy Assistants (31-2011):</b> Assist occupational therapists in providing occupational therapy treatments and procedures. May assist in developing treatment plans, carry out routine functions, direct activity programs, and document the progress of treatments.	189	261	11	16	34	↑	\$25.77 \$30.28	Associate's degree	None	None		★	★	S	R	Health Science	
<b>Office and Administrative Support Workers, All Other (43-9199):</b> All office and administrative support workers not listed separately.	361	397	16	26	46	↑	\$8.26 \$10.38	High school diploma or equivalent	None	Short-term OJT		★		C	E	Business Management and Administration	
<b>Office Clerks, General (43-9061):</b> Perform duties too varied to be classified in a specific occupation, requiring knowledge of office systems and procedures. Duties may include answering telephones, bookkeeping, typing or word processing, stenography, office machine operation, and filing.	16,772	16,646	912	991	1,890	↗	\$14.20 \$19.21	High school diploma or equivalent	None	Short-term OJT	★	★		C	E	R	Business Management and Administration
<b>Office Machine Operators, Except Computer (43-9071):</b> Operate one or more of a variety of office machines, such as photocopying, photographic, and duplicating machines, or other office machines.	426	379	21	24	40	↗	\$12.32 \$14.40	High school diploma or equivalent	None	Short-term OJT				R	C	Business Management and Administration	
<b>Operating Engineers and Other Construction Equipment Operators (47-2073):</b> Operate construction equipment, such as graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete.	1,375	1,484	47	102	160	↑	\$18.84 \$23.27	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Architecture and Construction

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster		
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>			
	2020	2030	Exits	Transfers	Total														
<b>Operations Research Analysts (15-2031):</b> Formulate and apply mathematical modeling and other optimizing methods to develop and interpret information that assists management with decision making, policy formulation, or other managerial functions.	513	663	13	26	54	↑	\$26.65 \$37.09	Bachelor's degree	None	None		★			I	C	E	Business Management and Administration	
<b>Ophthalmic Laboratory Technicians (51-9083):</b> Cut, grind, and polish eyeglasses, contact lenses, or other precision optical elements. Assemble and mount lenses into frames or process other optical elements. Includes precision lens polishers or grinders, centerer-edgers, and lens mounters.	107	120	5	9	15	↗	\$17.33 \$28.83	High school diploma or equivalent	None	Moderate-term OJT	★	★			R	C		Manufacturing	
<b>Ophthalmic Medical Technicians (29-2057):</b> 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.	376	427	11	17	33	↑	\$15.97 \$18.23	Postsecondary non-degree award	None	None			★		C	S	R	Health Science	
<b>Opticians, Dispensing (29-2081):</b> Design, measure, fit, and adapt lenses and frames according to optical prescription. Assist client with inserting, removing, and caring for contact lenses, or selecting eyeglass frames. Measure customer for size, and adjust frame and lens position to fit client.	331	356	14	12	28	↑	\$15.81 \$18.34	High school diploma or equivalent	None	Long-term OJT	★	★	★		E	C	R	Health Science	
<b>Optometrists (29-1041):</b> 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 eye conditions.	214	235	4	3	9	↘	\$45.41 \$58.43	Doctoral or professional degree	None	None			★	★	I	S	R	Health Science	
<b>Oral and Maxillofacial Surgeons (29-1022):</b> Perform surgery and related procedures on the hard and soft tissues of the oral and maxillofacial regions to treat diseases, injuries, or defects. May diagnose problems of the oral and maxillofacial regions. May perform surgery to improve function or appearance.	n	n	n	n	n	↘	\$77.23 n/a	Doctoral or professional degree	None	Internship/residency				★	★	R	S	I	Health Science
<b>Order Clerks (43-4151):</b> Receive and process orders for materials, merchandise, classified ads, or services such as repairs, installations, or rental of facilities. Take orders via mail, phone, fax, or electronic means. Inform customers of receipt, prices, ship dates, or delays, and handle complaints.	509	409	20	29	39	↗	\$14.55 \$20.87	Some college, no degree	None	Short-term OJT					C	E	S	Business Management and Administration	
<b>Orderlies (31-1015):</b> 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.	114	122	8	7	16	↘	\$13.24 \$14.62	High school diploma or equivalent	None	Short-term OJT					C	R	S	Health Science	
<b>Orthodontists (29-1023):</b> Examine, diagnose, and treat dental malocclusions and oral cavity anomalies. Design and fabricate appliances to realign teeth and jaws to produce and maintain normal function and to improve appearance.	n	n	n	n	n	↘	n/a n/a	Doctoral or professional degree	None	Internship/residency			★	★	I	R	S	Health Science	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Orthotists and Prosthetists (29-2091):</b> Design, measure, fit, and adapt orthopedic braces, appliances or prostheses such as limbs or facial parts for patients with disabling conditions.	48	57	1	2	4	↗	\$24.28 \$37.24	Master's degree	None	Internship/residency	★	★		S	R	I	Health Science
<b>Outdoor Power Equipment and Other Small Engine Mechanics (49-3053):</b> Diagnose, adjust, repair, or overhaul small engines used to power lawn mowers, chain saws, recreational sporting equipment and related equipment.	321	341	14	22	38	↗	\$16.13 \$21.92	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Agriculture, Food, and Natural Resources
<b>Packaging and Filling Machine Operators and Tenders (51-9111):</b> Operate or tend machines to prepare industrial or consumer products for storage or shipment. Includes cannery workers who pack food products.	1,170	1,288	51	82	145	↑	\$13.88 \$18.23	High school diploma or equivalent	None	Moderate-term OJT				R	C		Manufacturing
<b>Packers and Packers, Hand (53-7064):</b> Pack or package by hand a wide variety of products and materials.	4,259	3,597	224	318	476	↗	\$10.90 \$11.46	No formal educational credential	None	Short-term OJT				R	C		Transportation, Distribution, and Logistics
<b>Painters, Construction and Maintenance (47-2141):</b> Paint walls, equipment, buildings, bridges, and other structural surfaces using brushes, rollers, and spray guns. May remove old paint to prepare surface prior to painting. May mix colors or oils to obtain desired color or consistency.	1,274	1,367	40	73	122	↑	\$15.36 \$22.25	No formal educational credential	None	Moderate-term OJT	★			R	C		Architecture and Construction
<b>Painting, Coating, and Decorating Workers (51-9123):</b> Paint, coat, or decorate articles such as furniture, glass, plateware, pottery, jewelry, toys, books, or leather.	73	76	2	5	7	↘	\$16.73 \$18.55	No formal educational credential	None	Moderate-term OJT	★			R			Manufacturing
<b>Paper Goods Machine Setters, Operators, and Tenders (51-9196):</b> Set up, operate, or tend paper goods machines that perform a variety of functions, such as converting, sawing, corrugating, banding, wrapping, boxing, stitching, forming, or sealing paper or paperboard sheets into products.	179	159	8	11	17	↓	\$15.85 \$21.59	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing
<b>Paralegals and Legal Assistants (23-2011):</b> Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.	1,170	1,324	48	84	147	↑	\$20.51 \$28.27	Associate's degree	None	None	★	★		C	I	E	Law, Public Safety, Corrections, and Security
<b>Parking Attendants (53-6021):</b> Park vehicles or issue tickets for customers in a parking lot or garage. May park or tend vehicles in environments such as a car dealership or rental car facility. May collect fee.	216	255	11	24	39	↑	\$9.32 \$14.52	No formal educational credential	None	Short-term OJT				R	C		Transportation, Distribution, and Logistics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Parking Enforcement Workers (33-3041):</b> Patrol assigned area, such as public parking lot or city streets, to issue tickets to overtime parking violators and illegally parked vehicles.	60	42	3	2	3	↓	\$15.62 \$19.25	High school diploma or equivalent	None	Short-term OJT				R	C		Law, Public Safety, Corrections, and Security	
<b>Parts Salespersons (41-2022):</b> Sell spare and replacement parts and equipment in repair shop or parts store.	1,207	1,305	53	96	159	↑	\$13.06 \$17.52	No formal educational credential	None	Moderate-term OJT	★			E	C	R	Marketing	
<b>Passenger Attendants (53-6061):</b> Provide services to ensure the safety of passengers aboard ships, buses, trains, or within the station or terminal. Perform duties such as explaining the use of safety equipment, serving meals or beverages, or answering questions related to travel.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	None	Short-term OJT				R	S	E	Transportation, Distribution, and Logistics	
<b>Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity (53-3058):</b> Drive a motor vehicle to transport passengers on a scheduled, planned, or unplanned basis. May collect a fare, which may be, based on a meter. May assist passengers in boarding or exiting. Some may drive a school bus to transport students, ensuring adherence to safety rules.	3,174	4,175	242	183	525	↑	n/a n/a	No formal educational credential	None	Short-term OJT				R	E		Transportation, Distribution, and Logistics	
<b>Patternmakers, Metal and Plastic (51-4062):</b> Lay out, machine, fit, and assemble castings and parts to metal or plastic foundry patterns, core boxes, or match plates.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Paving, Surfacing, and Tamping Equipment Operators (47-2071):</b> Operate equipment used for applying concrete, asphalt, or other materials to road beds, parking lots, or airport runways and taxiways, or equipment used for tamping gravel, dirt, or other materials.	256	275	9	19	30	↑	\$21.14 \$23.22	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Architecture and Construction	
<b>Payroll and Timekeeping Clerks (43-3051):</b> Compile and record employee time and payroll data. May compute employees' time worked, production, and commission. May compute and post wages and deductions, or prepare paychecks.	676	599	30	35	57	↗	\$18.96 \$23.45	High school diploma or equivalent	None	Moderate-term OJT	★	★		C	E		Business Management and Administration	
<b>Pediatricians, General (29-1065):</b> Physicians who diagnose, treat, and help prevent children's diseases and injuries.	230	226	4	3	7	↓	\$91.74 n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	S		Health Science	
<b>Personal Financial Advisors (13-2052):</b> Advise clients on financial plans using knowledge of tax and investment strategies, securities, insurance, pension plans, and real estate. Duties include assessing clients' assets, liabilities, cash flow, insurance coverage, tax status, and financial objectives.	1,206	1,350	29	63	106	↑	\$24.94 \$38.92	Bachelor's degree	None	Long-term OJT			★	E	C	S	Finance	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Personal Service Managers, Entertainment and Recreation Managers, Except Gambling, and Managers, All Other (11-9198):</b> Plan, direct, or coordinate entertainment and recreational activities or operations of a recreational facility, including cruise ships and parks. Includes all personal service managers, such as fitness and wellness managers and spa managers, and all managers not listed separately, such as compliance managers, regulatory affairs managers, loss	1,334	1,489	33	69	118	↑	n/a n/a	Bachelor's degree	Less than 5 years	None		★	★	E	C	Business Management and Administration	
<b>Pest Control Workers (37-2021):</b> Apply or release chemical solutions or toxic gases and set traps to kill or remove pests and vermin that infest buildings and surrounding areas.	279	304	8	31	41	↑	\$17.34 \$22.36	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	Agriculture, Food, and Natural Resources	
<b>Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012):</b> Mix or apply pesticides, herbicides, fungicides, or insecticides using sprays, dusts, vapors, soil incorporation, or chemical application on trees, shrubs, lawns, or crops. Specific training and/or State certification required.	120	136	6	11	19	↗	\$18.88 \$24.88	High school diploma or equivalent	None	Moderate-term OJT	★		★	R	C	Agriculture, Food, and Natural Resources	
<b>Petroleum Pump System Operators, Refinery Operators, and Gaugers (51-8093):</b> Operate or control petroleum refining or processing units. May specialize in controlling manifold and pumping systems, gauging or testing oil in storage tanks, or regulating the flow of oil into pipelines.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	Manufacturing	
<b>Pharmacists (29-1051):</b> 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.	1,315	1,311	24	25	49	↗	\$47.34 \$62.80	Doctoral or professional degree	None	None		★	★	I	C	S	Health Science
<b>Pharmacy Aides (31-9095):</b> 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.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Short-term OJT				C	R	Health Science	
<b>Pharmacy Technicians (29-2052):</b> 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.	1,897	2,070	54	85	156	↑	\$13.90 \$17.70	High school diploma or equivalent	None	Moderate-term OJT	★	★	★	C	R	Health Science	
<b>Philosophy and Religion Teachers, Postsecondary (25-1126):</b> Teach courses in philosophy, religion, and theology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	125	137	6	6	13	↘	\$45,870 \$62,782	Doctoral or professional degree	None	None				S	A	I	Education and Training
<b>Phlebotomists (31-9097):</b> Draw blood for tests, transfusions, donations, or research. May explain the procedure to patients and assist in the recovery of patients with adverse reactions.	719	839	34	57	103	↑	\$16.07 \$18.40	Postsecondary non-degree award	None	None	★			C	R	I	Health Science

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Photographers (27-4021):</b> Photograph people, landscapes, merchandise, or other subjects, using digital or film cameras and equipment. May develop negatives or use computers to produce finished images and prints. Includes scientific photographers, aerial photographers, and photojournalists.	215	246	8	13	24	↗	\$17.27 \$23.79	High school diploma or equivalent	None	Moderate-term OJT	★	★		A	R		Arts, Audio-Visual Technology, and Communications	
<b>Photographic Process Workers and Processing Machine Operators (51-9151):</b> Perform work involved in developing and processing photographic images from film or digital media. May perform precision tasks such as editing photographic negatives and prints.	n	n	n	n	n	↘	\$13.45 \$14.45	High school diploma or equivalent	None	Short-term OJT	★	★		C	R		Manufacturing	
<b>Physical Scientists, All Other (19-2099):</b> All physical scientists not listed separately. Includes Remote Sensing Scientists and Technologists.	109	107	1	7	8	↓	n/a n/a	Bachelor's degree	None	None		★		I	R		Science, Technology, Engineering, and Mathematics	
<b>Physical Therapist Aides (31-2022):</b> 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.	110	136	5	9	17	↗	\$13.26 \$14.90	High school diploma or equivalent	None	Short-term OJT	★			S	R		Health Science	
<b>Physical Therapist Assistants (31-2021):</b> Assist physical therapists in providing physical therapy treatments and procedures. May assist in the development of treatment plans, carry out routine functions, document progress, and modify treatments according to patient status.	334	453	17	30	59	↑	\$21.64 \$29.60	Associate's degree	None	None		★	★	S	R	I	Health Science	
<b>Physical Therapists (29-1123):</b> 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.	1,277	1,535	28	29	83	↑	\$32.28 \$40.24	Doctoral or professional degree	None	None		★	★	S	I	R	Health Science	
<b>Physician Assistants (29-1071):</b> Provide healthcare services typically performed by a physician, under the supervision of a physician. Conduct physicals, provide treatment, and counsel patients. May prescribe medication. Must graduate from an accredited physician assistant educational program.	637	855	12	29	63	↑	\$47.41 \$61.63	Master's degree	None	None		★	★	S	I	R	Health Science	
<b>Physicians and Surgeons, All Other (29-1069):</b> All physicians and surgeons not listed separately, including Dermatologists; Hospitalists; Neurologists; Ophthalmologists; Allergists and Immunologists; Pathologists; Physical Medicine and Rehabilitation Physicians; Preventive Medicine Physicians; Radiologists; Sports Medicine Physicians; and Urologists.	1,802	1,898	30	21	61	↗	n/a n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	S	R	Health Science	
<b>Physicists (19-2012):</b> Conduct research into physical phenomena, develop theories on the basis of observation and experiments, and devise methods to apply physical laws and theories.	95	103	2	5	8	↘	\$33.32 \$50.00	Doctoral or professional degree	None	None		★		I	R		Science, Technology, Engineering, and Mathematics	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Physics Teachers, Postsecondary (25-1054):</b> Teach courses pertaining to the laws of matter and energy. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	77	81	4	4	8	↘	n/a n/a	Doctoral or professional degree	None	None		★			S	I		Education and Training
<b>Pipelayers (47-2151):</b> Lay pipe for storm or sanitation sewers, drains, and water mains. Perform any combination of the following tasks: grade trenches or culverts, position pipe, or seal joints.	53	52	2	4	6	↓	\$22.04 \$28.73	No formal educational credential	None	Short-term OJT		★			R			Architecture and Construction
<b>Plant and System Operators, All Other (51-8099):</b> All plant and system operators not listed separately. Includes Biofuels Processing Technicians; Methane/Landfill Gas Generation System Technicians; Biomass Plant Technicians; and Hydroelectric Plant Technicians.	118	127	3	10	14	↘	\$21.76 \$28.65	High school diploma or equivalent	None	Moderate-term OJT		★	★		R	E	I	Manufacturing
<b>Plasterers and Stucco Masons (47-2161):</b> Apply interior or exterior plaster, cement, stucco, or similar materials. May also set ornamental plaster.	n	n	n	n	n	↘	\$13.13 \$16.31	No formal educational credential	None	Long-term OJT	★				R			Architecture and Construction
<b>Plating Machine Setters, Operators, and Tenders, Metal and Plastic (51-4193):</b> Set up, operate, or tend plating machines to coat metal or plastic products with chromium, zinc, copper, cadmium, nickel, or other metal to protect or decorate surfaces. Typically, the product being coated is immersed in molten metal or an electrolytic solution.	218	210	7	14	20	↓	\$15.90 \$18.23	High school diploma or equivalent	None	Moderate-term OJT	★				R	C		Manufacturing
<b>Plumbers, Pipefitters, and Steamfitters (47-2152):</b> Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinklerfitters.	1,912	2,048	58	142	214	↗	\$19.91 \$28.72	High school diploma or equivalent	None	Apprenticeship	★	★	★		R	C	I	Architecture and Construction
<b>Podiatrists (29-1081):</b> Diagnose and treat diseases and deformities of the human foot.	42	43	1	2	3	↘	\$48.41 \$74.10	Doctoral or professional degree	None	Internship/residency		★	★		I	S	R	Health Science
<b>Police and Sheriffs Patrol Officers (33-3051):</b> Maintain order and protect life and property by enforcing local, tribal, State, or Federal laws and ordinances. Patrol a specific area; direct traffic; issue traffic summonses; investigate accidents; apprehend and arrest suspects, or serve legal processes of courts.	2,805	3,011	73	148	242	↗	\$23.21 \$29.87	High school diploma or equivalent	None	Moderate-term OJT	★	★	★		E	R	S	Law, Public Safety, Corrections, and Security
<b>Political Science Teachers, Postsecondary (25-1065):</b> Teach courses in political science, international affairs, and international relations. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	91	98	4	4	9	↘	\$78,602 \$99,336	Doctoral or professional degree	None	None					S	E	A	Education and Training

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Political Scientists (19-3094):</b> Study the origin, development, and operation of political systems. May study topics, such as public opinion, political decision-making, and ideology. May analyze the structure and operation of governments or various political entities. May conduct public opinion surveys, or analyze election results or public documents.	77	87	2	5	8	↗	\$28.51 \$39.62	Master's degree	None	None	★		I	A	S	Science, Technology, Engineering, and Mathematics	
<b>Postal Service Clerks (43-5051):</b> Perform a combination of tasks in a post office, such as receive letters and parcels; sell postage and stamps, post cards, and stamped envelopes; fill out and sell money orders; place mail in pigeon holes of mail rack or in bags; and examine mail for correct postage.	573	530	25	20	41	↗	\$20.73 \$24.64	High school diploma or equivalent	None	Short-term OJT	★	★	C	R		Government and Public Administration	
<b>Postal Service Mail Carriers (43-5052):</b> Sort mail for delivery. Deliver mail on established route by vehicle or on foot.	1,545	1,426	52	53	93	↗	\$19.28 \$24.32	High school diploma or equivalent	None	Short-term OJT			C	R		Government and Public Administration	
<b>Postal Service Mail Sorters, Processors, and Processing Machine Operators (43-5053):</b> Prepare outgoing and incoming mail for distribution. Examine, sort, and route mail. Load, operate, and adjust or repair mail sorting, processing, or cancelling machinery. Keep records of shipments, pouches, and sacks.	655	575	34	20	46	↗	\$17.80 \$21.77	High school diploma or equivalent	None	Short-term OJT			C	R		Government and Public Administration	
<b>Postmasters and Mail Superintendents (11-9131):</b> Plan, direct, or coordinate operational, administrative, management, and supportive services of a U.S. post office; or coordinate activities of workers engaged in postal and related work in assigned post office.	155	143	4	7	10	↓	\$32.68 \$36.03	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★		E	C	S	Government and Public Administration	
<b>Postsecondary Teachers, All Other (25-1199):</b> All postsecondary teachers not listed separately.	203	213	9	10	20	↘	\$30,824 \$61,688	Doctoral or professional degree	None	None	★		S	I		Education and Training	
<b>Pourers and Casters, Metal (51-4052):</b> Operate hand-controlled mechanisms to pour and regulate the flow of molten metal into molds to produce castings or ingots.	40	39	1	3	4	↓	\$16.11 \$18.49	High school diploma or equivalent	None	Moderate-term OJT			R	C		Manufacturing	
<b>Power Plant Operators (51-8013):</b> Control, operate, or maintain machinery to generate electric power. Includes auxiliary equipment operators.	117	95	3	7	8	↓	\$21.97 \$30.24	High school diploma or equivalent	None	Long-term OJT	★	★	R	C		Manufacturing	
<b>Precision Instrument and Equipment Repairers, All Other (49-9069):</b> All precision instrument and equipment repairers not listed separately.	62	64	3	4	7	↘	\$20.96 \$34.26	High school diploma or equivalent	None	Long-term OJT	★	★	R			Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Prepress Technician and Workers (51-5111):</b> Format and proof text and images submitted by designers and clients into finished pages that can be printed. Includes digital and photo typesetting. May produce printing plates.	97	67	3	8	8	↓	\$16.68 \$22.55	Postsecondary non-degree award	None	None	★	★		R	C		Arts, Audio-Visual Technology, and Communications	
<b>Preschool Teachers, Except Special Education (25-2011):</b> Instruct preschool-aged children in activities designed to promote social, physical, and intellectual growth needed for primary school in preschool, day care center, or other child development facility. May be required to hold State certification.	2,753	3,320	124	177	358	↑	\$13.19 \$14.25	Associate's degree	None	None	★		★	S	A		Education and Training	
<b>Pressers, Textile, Garment, and Related Materials (51-6021):</b> Press or shape articles by hand or machine.	143	132	6	8	13	↓	\$10.87 \$11.35	No formal educational credential	None	Short-term OJT				R	C		Human Services	
<b>Print Binding and Finishing Workers (51-5113):</b> Bind books and other publications or finish printed products by hand or machine. May set up binding and finishing machines.	199	143	8	11	13	↓	\$12.08 \$17.59	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Arts, Audio-Visual Technology, and Communications	
<b>Printing Press Operators (51-5112):</b> Set up and operate digital, letterpress, lithographic, flexographic, gravure, or other printing machines. Includes short-run offset printing presses.	797	691	27	52	68	↗	\$14.88 \$19.10	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Arts, Audio-Visual Technology, and Communications	
<b>Private Detectives and Investigators (33-9021):</b> Gather, analyze, compile and report information regarding individuals or organizations to clients, or detect occurrences of unlawful acts or infractions of rules in private establishment.	154	170	4	10	16	↘	\$23.42 \$31.10	High school diploma or equivalent	Less than 5 years	Moderate-term OJT	★		★	E	C		Law, Public Safety, Corrections, and Security	
<b>Probation Officers and Correctional Treatment Specialists (21-1092):</b> Provide social services to assist in rehabilitation of law offenders in custody or on probation or parole. Recommend rehabilitation plan and treatment of offender, including conditional release, education, or employment stipulations.	238	243	5	14	19	↘	\$25.94 \$32.40	Bachelor's degree	None	Short-term OJT			★	S	E	C	Law, Public Safety, Corrections, and Security	
<b>Procurement Clerks (43-3061):</b> Compile information and records to draw up purchase orders for procurement of materials and services.	271	256	7	17	22	↓	\$15.36 \$18.87	High school diploma or equivalent	None	Moderate-term OJT			★	C	E		Business Management and Administration	
<b>Producers and Directors (27-2012):</b> Produce or direct stage, television, radio, video, or motion picture productions for entertainment, information, or instruction. Make creative decisions such as choice of actors or guests, interpretation of script, set design, sound, special effects, and choreography.	226	277	6	16	27	↑	\$18.15 \$30.44	Bachelor's degree	Less than 5 years	None	★	★		E	A	S	Arts, Audio-Visual Technology, and Communications	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Production Workers, All Other</b> (51-9199): All production workers not listed separately. Includes Recycling and Reclamation Workers.	1,031	1,106	37	79	124	↑	\$14.38 \$17.68	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Manufacturing
<b>Production, Planning, and Expediting Clerks</b> (43-5061): Coordinate and expedite the flow of work and materials within an establishment according to production schedule. Review and distribute schedules; confer with supervisors; and compile reports on progress, inventory, costs, or problems.	1,242	1,332	46	84	139	↑	\$19.04 \$26.51	High school diploma or equivalent	None	Moderate-term OJT	★	★		C	E		Manufacturing
<b>Project Management Specialists and Business Operations Specialists, All Other</b> (13-1198): All business operations specialists not listed separately. Includes Project Management Specialists, Business Continuity Planners, Sustainability Specialists, Online Merchants, and Security Management Specialists.	5,143	5,425	122	259	409	↗	n/a n/a	Bachelor's degree	None	None	★	★		E	I		Information Technology
<b>Proofreaders and Copy Markers</b> (43-9081): Read transcript or proof type setup to detect and mark for correction any grammatical, typographical, or compositional errors. Excludes workers whose primary duty is editing copy. Includes proofreaders of Braille.	41	43	3	3	6	↘	\$14.01 \$23.23	Bachelor's degree	None	None				C	A		Arts, Audio-Visual Technology, and Communications
<b>Property Appraisers and Assessors</b> (13-2020): Appraise and estimate the fair value of tangible personal or business property, such as jewelry, art, antiques, collectibles, and equipment. Some appraise real estate, exclusively, and estimate its fair value. May assess taxes in accordance with prescribed schedules.	405	425	16	15	33	↗	\$23.19 \$35.36	Bachelor's degree	None	Long-term OJT			★	E	C	R	Government and Public Administration
<b>Property, Real Estate, and Community Association Managers</b> (11-9141): Plan, direct, or coordinate the selling, buying, leasing, or governance activities of commercial, industrial, or residential real estate properties. Manage homeowner or condo associations, rented or leased housing, or rights-of-way.	975	1,020	38	38	80	↗	\$17.90 \$28.65	High school diploma or equivalent	Less than 5 years	None	★			E	C		Marketing
<b>Prosthodontists</b> (29-1024): Construct oral prostheses to replace missing teeth and other oral structures to correct natural and acquired deformation of mouth and jaws, to restore and maintain oral function, such as chewing and speaking, and to improve appearance.	n	n	n	n	n	↗	n/a n/a	Doctoral or professional degree	None	Internship/residency			★	★	I	R	Health Science
<b>Psychiatric Aides</b> (31-1013): 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 exams and treatments.	408	429	27	24	53	↗	\$17.07 \$20.54	High school diploma or equivalent	None	Short-term OJT		★		S	R	C	Health Science
<b>Psychiatric Technicians</b> (29-2053): Care for individuals with mental or emotional conditions or disabilities, per instructions of physician or health practitioner. Monitor patients' physical and emotional well-being. May assist in treatment, help with personal hygiene, or administer medication.	29	32	1	1	2	↘	n/a n/a	Postsecondary non-degree award	Less than 5 years	Short-term OJT		★		S	E	R	Health Science



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Psychiatrists (29-1066):</b> Physicians who diagnose, treat, and help prevent disorders of the mind.	132	152	2	2	6	↗	\$92.89 n/a	Doctoral or professional degree	None	Internship/residency	★	★	I	S	A	Health Science	
<b>Psychologists, All Other (19-3039):</b> All psychologists not listed separately. Includes Neuropsychologists and Clinical Neuropsychologists.	97	98	2	4	6	↘	\$24.82 \$56.62	Master's degree	None	Internship/residency	★	★	I	S		Human Services	
<b>Psychology Teachers, Postsecondary (25-1066):</b> Teach courses in psychology, such as child, clinical, and developmental psychology, and psychological counseling. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	194	204	9	9	19	↘	\$54,197 \$78,715	Doctoral or professional degree	None	None	★		S	I	A	Education and Training	
<b>Public Relations and Fundraising Managers (11-2031):</b> Plan, direct, or coordinate activities designed to create or maintain a favorable public image or raise issue awareness for an organization or client; or plan, direct, or coordinate activities to solicit and maintain funds for nonprofits.	670	738	18	40	65	↑	n/a n/a	Bachelor's degree	5 years or more	None	★		E	S	A	Marketing	
<b>Public Relations Specialists (27-3031):</b> Engage in promoting or creating an intended public image for individuals, groups, or organizations. May write or select material for release to various communications media.	1,123	1,246	30	78	120	↑	\$19.01 \$29.47	Bachelor's degree	None	None	★	★	E	A	S	Marketing	
<b>Public Safety Telecommunicators (43-5031):</b> Operate telephone, radio, or other communication systems to receive and communicate requests for emergency assistance at 9-1-1 public safety answering points and emergency operations centers. Take information from the public and other sources regarding crimes, threats, disturbances on safety matters.	676	724	25	39	69	↗	\$19.22 \$22.92	High school diploma or equivalent	None	Moderate-term OJT	★		C	R	E	Law, Public Safety, Corrections, and Security	
<b>Purchasing Managers (11-3061):</b> Plan, direct, or coordinate the activities of buyers, purchasing officers, and related workers involved in purchasing materials, products, and services. Includes wholesale or retail trade merchandising managers and procurement managers.	498	537	11	28	43	↑	\$45.82 \$61.62	Bachelor's degree	5 years or more	None	★		E	C		Business Management and Administration	
<b>Radiation Therapists (29-1124):</b> Provide radiation therapy to patients as prescribed by a radiologist. May review prescription and diagnosis; act as liaison with physician and support personnel; prepare equipment, such as immobilization, treatment, and protection devices; and maintain records.	77	84	2	2	5	↘	\$34.77 \$45.97	Associate's degree	None	None	★	★	S	R	C	Health Science	
<b>Radio, Cellular, and Tower Equipment Installers and Repairers (49-2021):</b> Repair, install or maintain radio transmitting, broadcasting, and receiving equipment for two-way cellular, mobile broadband, ship-to-shore, or aircraft-to-ground communication systems, or service and emergency vehicle radios.	n	n	n	n	n	↘	\$19.27 \$23.54	Associate's degree	None	Moderate-term OJT	★	★	R	C		Manufacturing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Radiologic Technologists and Technicians (29-2034):</b> 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.	938	1,010	27	42	76	↑	\$25.35 \$30.69	Associate's degree	None	None	★	★	★	R	S	C	Health Science
<b>Rail Car Repairers (49-3043):</b> Diagnose, adjust, repair, or overhaul railroad rolling stock, mine cars, or mass transit rail cars.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	None	Long-term OJT	★	★		R	C	I	Transportation, Distribution, and Logistics
<b>Railroad Brake, Signal, and Switch Operators (53-4021):</b> Operate railroad track switches. Couple or uncouple rolling stock to make up or break up trains. Signal engineers by hand or flagging. May inspect couplings, air hoses, journal boxes, and hand brakes.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT				R	C	E	Transportation, Distribution, and Logistics
<b>Railroad Conductors and Yardmasters (53-4031):</b> Coordinate activities of switch-engine crew within rail yard, industrial plant, or similar location. Conductors coordinate activities of crew on trains. Yardmasters review schedules and switching orders, and coordinate railroad traffic operations.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			E	R	C	Transportation, Distribution, and Logistics
<b>Rail-Track Laying and Maintenance Equipment Operators (47-4061):</b> Lay, repair, and maintain track for standard or narrow-gauge railroad equipment used in regular railroad service or in plant yards, quarries, sand and gravel pits, and mines. Operate ballast cleaning or rail bed tamping machines.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT		★		R			Transportation, Distribution, and Logistics
<b>Real Estate Brokers (41-9021):</b> Operate real estate office, or work for commercial real estate firm, overseeing real estate transactions. Other duties usually include selling real estate or renting properties and arranging loans.	226	239	10	10	21	↘	\$19.57 \$38.32	High school diploma or equivalent	Less than 5 years	None			★	E	C		Marketing
<b>Real Estate Sales Agents (41-9022):</b> Rent, buy, or sell property for clients. Perform duties such as study property listings, interview prospective clients, accompany clients to property site, discuss conditions of sale, and draw up real estate contracts. Includes agents who represent buyer.	565	598	24	26	53	↗	\$15.67 \$22.66	High school diploma or equivalent	None	Moderate-term OJT			★	E	C		Marketing
<b>Receptionists and Information Clerks (43-4171):</b> Answer inquiries and provide information to the general public, customers, visitors, and other interested parties regarding activities conducted at establishment and location of departments, offices, and employees within the organization.	4,467	4,730	257	318	601	↗	\$11.75 \$16.47	High school diploma or equivalent	None	Short-term OJT				C	E	S	Business Management and Administration
<b>Recreation and Fitness Studies Teachers, Postsecondary (25-1193):</b> Teach courses pertaining to recreation, leisure, and fitness studies, including exercise physiology and facilities management. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	26	28	1	1	2	↘	\$31,361 \$48,793	Doctoral or professional degree	None	None		★		S			Education and Training

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Recreation Workers (39-9032):</b> Conduct recreation activities with groups in public, private, or volunteer agencies or recreation facilities. Organize and promote activities such as arts and crafts, sports, games, music, dramatics, camping, and hobbies, based on member needs and interests.	1,861	2,154	118	191	338	↑	\$9.86 \$14.08	High school diploma or equivalent	None	Short-term OJT	★	★		S	E	A	Hospitality and Tourism	
<b>Recreational Therapists (29-1125):</b> Plan, direct, or coordinate medically-approved recreation for patients in hospitals, nursing homes, or other institutions. Activities include sports, trips, dramatics, social activities, and arts and crafts. May assess patient condition and recommend activity.	49	50	2	2	4	↘	\$22.87 \$25.98	Bachelor's degree	None	None			★	S	A		Health Science	
<b>Recreational Vehicle Service Technicians (49-3092):</b> Diagnose, inspect, adjust, repair, or overhaul recreational vehicles including travel trailers. May specialize in maintaining gas, electrical, hydraulic, plumbing, or chassis/towing systems, or repair generators, appliances, and interiors.	114	136	4	10	16	↗	\$15.53 \$22.38	High school diploma or equivalent	None	Long-term OJT	★			R	I	C	Transportation, Distribution, and Logistics	
<b>Refuse and Recyclable Material Collectors (53-7081):</b> Collect and dump refuse or recyclable materials from containers into truck. May drive truck.	749	815	33	70	110	↑	\$13.60 \$17.57	No formal educational credential	None	Short-term OJT				R	C		Transportation, Distribution, and Logistics	
<b>Registered Nurses (29-1141):</b> Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention.	14,008	15,239	390	368	881	↑	\$28.29 \$37.13	Associate's degree	None	None	★	★	★	S	I	C	Health Science	
<b>Rehabilitation Counselors (21-1015):</b> Counsel individuals coping with personal, social, and vocational difficulties resulting from birth defects, illness, disease, accidents, or the stress of daily life. Assess client needs and design rehabilitation programs, including counseling, training, or job placement.	365	407	13	23	40	↑	\$15.42 \$21.42	Master's degree	None	None		★		S	I		Human Services	
<b>Religious Workers, All Other (21-2099):</b> All religious workers not listed separately.	194	194	12	14	26	↗	\$18.61 \$22.04	Bachelor's degree	None	None	★	★		S	E	A	Human Services	
<b>Reservation and Transportation Ticket Agents and Travel Clerks (43-4181):</b> Make and confirm reservations for transportation or lodging, or sell transportation tickets. Check baggage; direct passengers to concourse, pier, or track; deliver tickets; or provide travel or transport information.	224	266	9	17	30	↑	\$13.23 \$14.51	High school diploma or equivalent	None	Short-term OJT		★		C	E	S	Hospitality and Tourism	
<b>Residential Advisors (39-9041):</b> Coordinate activities in secondary and college dormitories, group homes, or similar establishments. Order supplies and determine need for maintenance, repairs, and furnishings. May assign rooms. May assist residents with problems or refer them to counseling.	521	611	28	51	88	↑	\$13.72 \$14.77	High school diploma or equivalent	None	Short-term OJT		★		S	E	C	Human Services	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Respiratory Therapists (29-1126):</b> Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.	406	496	10	11	30	↑	\$27.80 \$35.89	Associate's degree	None	None		★	S	I	R	Health Science	
<b>Retail Salespersons (41-2031):</b> Sell merchandise, such as furniture, motor vehicles, appliances, or apparel to consumers.	20,854	20,030	1,143	1,688	2,749	↗	\$11.05 \$14.13	No formal educational credential	None	Short-term OJT		★	E	C		Marketing	
<b>Riggers (49-9096):</b> Set up or repair rigging for construction projects, manufacturing plants, logging yards, ships and shipyards, or for the entertainment industry.	47	48	1	4	5	↘	\$18.15 \$22.88	High school diploma or equivalent	None	Moderate-term OJT	★	★	R	C	I	Architecture and Construction	
<b>Rock Splitters, Quarry (47-5051):</b> Separate blocks of rough dimension stone from quarry mass using jackhammer and wedges.	n	n	n	n	n	↓	\$20.85 \$23.10	No formal educational credential	None	Short-term OJT		★	R	C		Architecture and Construction	
<b>Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023):</b> Set up, operate, or tend machines to roll steel or plastic forming bends, beads, knurls, rolls, or plate or to flatten, temper, or reduce gauge of material.	n	n	n	n	n	↓	\$17.15 \$21.60	High school diploma or equivalent	None	Moderate-term OJT	★		R	C		Manufacturing	
<b>Roofers (47-2181):</b> Cover roofs of structures with shingles, slate, asphalt, aluminum, wood, or related materials. May spray roofs, sidings, and walls with material to bind, seal, insulate, or soundproof sections of structures.	250	267	6	18	26	↗	\$17.38 \$22.72	No formal educational credential	None	Moderate-term OJT			R	C		Architecture and Construction	
<b>Sailors and Marine Oilers (53-5011):</b> Stand watch, measure water depth, turn wheel on bridge, or use emergency equipment as directed by captain, mate, or pilot. Break out, rig, overhaul, and store rigging or running gear. Perform maintenance to preserve ship's painted surface and to maintain equipment.	n	n	n	n	n	↗	n/a n/a	No formal educational credential	None	Moderate-term OJT	★	★	R	C		Transportation, Distribution, and Logistics	
<b>Sales and Related Workers, All Other (41-9099):</b> All sales and related workers not listed separately.	n	n	n	n	n	↗	\$13.48 \$14.35	High school diploma or equivalent	None	None		★	E	R	S	Marketing	
<b>Sales Engineers (41-9031):</b> Sell business goods or services, the selling of which requires a technical background equivalent to a baccalaureate degree in engineering. Excludes Engineers whose primary function is not marketing or sales.	456	492	10	39	53	↑	\$37.35 \$59.25	Bachelor's degree	None	Moderate-term OJT			E	R	I	Marketing	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Sales Managers (11-2022):</b> Plan, direct, or coordinate the distribution or movement of a product or service to customers. Coordinate sales distribution by setting sales territories, quotas, and goals, and establish training programs for sales reps. Analyze sales statistics and customer preferences.	1,722	1,850	36	113	162	↑	\$39.04 \$72.54	Bachelor's degree	Less than 5 years	None				E	C		Marketing
<b>Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel (41-3091):</b> Sell services to individuals or businesses. May describe options or resolve client problems.	4,223	4,597	111	388	536	↑	\$19.94 \$37.27	High school diploma or equivalent	None	Moderate-term OJT				E	S	A	Marketing
<b>Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (41-4012):</b> Sell goods for wholesalers or manufacturers to businesses or groups of individuals. Work requires substantial knowledge of items sold.	7,119	7,427	215	491	737	↗	\$18.99 \$30.39	High school diploma or equivalent	None	Moderate-term OJT				C	E		Marketing
<b>Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products (41-4011):</b> Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology, engineering, chemistry, and electronics, normally obtained from at least two years of postsecondary education.	2,306	2,539	72	164	259	↑	\$22.12 \$39.40	Bachelor's degree	None	Moderate-term OJT	★			E	C		Marketing
<b>Sawing Machine Setters, Operators, and Tenders, Wood (51-7041):</b> Set up, operate, or tend wood sawing machines. May operate CNC equipment. Includes lead sawyers.	171	153	6	12	16	↓	\$13.97 \$17.96	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing
<b>School Bus Monitors and Protective Service Workers, All Other (33-9098):</b> All protective service workers not listed separately. Includes School Bus Monitors and Retail Loss Prevention Specialists.	461	525	68	55	129	↑	n/a n/a	High school diploma or equivalent	None	Short-term OJT		★		S	E		Law, Public Safety, Corrections, and Security
<b>Secondary School Teachers, Except Special and Career/Technical Education (25-2031):</b> Teach students in one or more subjects, such as English, mathematics, or social studies at the secondary level in public or private schools. May be designated according to subject matter specialty.	4,237	4,491	116	177	318	↗	\$47,578 \$61,821	Bachelor's degree	None	None			★	S	A	E	Education and Training
<b>Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (43-6014):</b> Perform routine clerical and administrative functions. Draft correspondence, schedule appointments, organize and maintain paper and electronic files, or provide information to callers.	10,434	9,650	511	561	994	↗	\$14.23 \$18.29	High school diploma or equivalent	None	Short-term OJT	★	★		C	E		Business Management and Administration
<b>Securities, Commodities, and Financial Services Sales Agents (41-3031):</b> Buy and sell securities or commodities in investment and trading firms, or provide financial services to businesses and individuals. May advise clients on stocks, bonds, mutual funds, commodities, or market conditions.	1,457	1,594	34	96	144	↑	\$21.10 \$30.77	Bachelor's degree	None	Moderate-term OJT	★		★	E	C	S	Finance

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Security and Fire Alarm Systems Installers (49-2098):</b> Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes.	331	379	8	27	40	↑	\$22.42 \$29.63	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C		Manufacturing	
<b>Security Guards (33-9032):</b> Guard, patrol, or monitor premises to prevent theft, violence, or infractions of rules. May operate x-ray and metal detector equipment.	2,278	2,526	127	186	338	↑	\$12.77 \$16.52	High school diploma or equivalent	None	Short-term OJT	★	★	★	R	C	E	Law, Public Safety, Corrections, and Security	
<b>Self-Enrichment Teachers (25-2021):</b> Teach or instruct individuals or groups for the primary purpose of self-enrichment or recreation, rather than for an occupational objective, educational attainment, competition, or fitness.	1,597	2,029	108	97	248	↑	\$15.77 \$23.45	High school diploma or equivalent	Less than 5 years	None			★	S	A	E	Education and Training	
<b>Semiconductor Processing Technicians (51-9141):</b> Manufacture semiconductors by loading material into furnace; sawing ingots into segments; loading segments into crystal growing chamber; sawing ingots into wafers; and cleaning, polishing, and loading into furnaces or chemical baths to form circuitry.	79	84	3	6	9	↘	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT				R	C	I	Manufacturing	
<b>Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders (51-9012):</b> Set up, operate, or tend equipment to extract, sort, or separate liquids, gases, or solids from other materials to recover a refined product.	249	265	6	20	28	↗	\$17.10 \$19.12	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Septic Tank Servicers and Sewer Pipe Cleaners (47-4071):</b> Clean and repair septic tanks, sewer lines, or drains. May patch walls and partitions of tank, replace damaged drain tile, or repair breaks in underground piping.	164	188	6	14	22	↗	\$17.96 \$22.74	High school diploma or equivalent	None	Moderate-term OJT			★	R			Architecture and Construction	
<b>Set and Exhibit Designers (27-1027):</b> Design special exhibits and movie, television, and theater sets. May study scripts, confer with directors, and conduct research to determine appropriate architectural styles.	109	107	3	6	9	↓	\$14.51 \$29.58	Bachelor's degree	None	None	★			A	R		Arts, Audio-Visual Technology, and Communications	
<b>Sewing Machine Operators (51-6031):</b> Operate or tend sewing machines to join, reinforce, decorate, or perform related sewing operations in the manufacture of garment or nongarment products.	520	421	28	25	43	↗	\$12.01 \$14.37	No formal educational credential	None	Short-term OJT	★			R	C		Manufacturing	
<b>Shampooers (39-5093):</b> Shampoo and rinse customers' hair.	n	n	n	n	n	↗	n/a n/a	No formal educational credential	None	Short-term OJT				R	E	C	Human Services	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Sheet Metal Workers (47-2211):</b> Fabricate, assemble, install, and repair sheet metal products such as ducts, control boxes, drainpipes, and furnace casings. May set up and operate machines to cut, bend, or straighten sheet metal; shape using hammer; or solder and weld to join sheet metal parts.	502	536	14	34	51	↗	\$17.25 \$23.50	High school diploma or equivalent	None	Apprenticeship	★	★		R			Architecture and Construction	
<b>Ship Engineers (53-5031):</b> Supervise and coordinate activities of crew engaged in operating and maintaining engines, boilers, deck machinery, and electrical, sanitary, and refrigeration equipment aboard ship.	n	n	n	n	n	↗	\$28.71 \$44.47	Postsecondary non-degree award	Less than 5 years	None	★	★		R	C	E	Transportation, Distribution, and Logistics	
<b>Shipping, Receiving, and Traffic Clerks (43-5071):</b> Verify and maintain records on incoming and outgoing shipments involving inventory. Duties include verifying and recording incoming merchandise or material and arranging for the transportation of products. May prepare items for shipment.	4,021	3,859	144	232	360	↗	\$13.94 \$18.13	High school diploma or equivalent	None	Short-term OJT		★		C	R	E	Business Management and Administration	
<b>Shoe and Leather Workers and Repairers (51-6041):</b> Construct, decorate, or repair leather and leather-like products, such as luggage, shoes, and saddles.	n	n	n	n	n	↓	\$13.51 \$17.99	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	A	Manufacturing	
<b>Shoe Machine Operators and Tenders (51-6042):</b> Operate or tend a variety of machines to join, decorate, reinforce, or finish shoes and shoe parts.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Short-term OJT				R	C		Manufacturing	
<b>Signal and Track Switch Repairers (49-9097):</b> Install, inspect, test, maintain, or repair electric gate crossings, signals, signal equipment, track switches, section lines, or intercommunications systems within a railroad system.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Transportation, Distribution, and Logistics	
<b>Skincare Specialists (39-5094):</b> Provide skincare treatments to face and body to enhance an individual's appearance. Includes electrologists and laser hair removal specialists.	340	447	20	21	52	↑	\$11.40 \$15.30	Postsecondary non-degree award	None	None	★	★		E	S	R	Human Services	
<b>Slaughterers and Meat Packers (51-3023):</b> Work in slaughtering, meat packing, or wholesale establishments performing precision functions involving the preparation of meat. Work may include cutting standard or premium cuts of meat for marketing, making sausage, or wrapping meats.	n	n	n	n	n	↓	\$13.96 \$14.31	No formal educational credential	None	Short-term OJT	★			R	C		Agriculture, Food, and Natural Resources	
<b>Social and Community Service Managers (11-9151):</b> Plan, direct, or coordinate the activities of a social service program or community outreach organization. Oversee the program or organization's budget and policies regarding participant involvement, program requirements, and benefits.	889	1,033	29	52	95	↑	\$22.18 \$29.54	Bachelor's degree	Less than 5 years	None		★		E	S		Human Services	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Social and Human Service Assistants (21-1093):</b> Assist in providing client services in a wide variety of fields, such as psychology, rehabilitation, or social work, including support for families. May assist clients in identifying and obtaining available benefits and social and community services.	1,881	2,224	82	155	271	↑	\$13.81 \$17.75	High school diploma or equivalent	None	Short-term OJT	★		C	S	E	Human Services	
<b>Social Science Research Assistants (19-4061):</b> Assist social scientists in laboratory, survey, and other social science research. May help prepare findings for publication and assist in laboratory analysis, quality control, or data management.	49	53	1	5	6	↘	n/a n/a	Bachelor's degree	None	None			C	I		Science, Technology, Engineering, and Mathematics	
<b>Social Sciences Teachers, Postsecondary, All Other (25-1069):</b> All postsecondary social sciences teachers not listed separately.	n	n	n	n	n	↘	\$39,452 \$64,642	Doctoral or professional degree	None	None	★		S	I		Education and Training	
<b>Social Scientists and Related Workers, All Other (19-3099):</b> All social scientists and related workers not listed separately. Includes Transportation Planners.	118	121	3	8	11	↘	\$27.90 \$35.32	Bachelor's degree	None	None	★		I	A		Science, Technology, Engineering, and Mathematics	
<b>Social Work Teachers, Postsecondary (25-1113):</b> Teach courses in social work. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	n	n	n	n	n	↘	\$36,644 \$66,520	Doctoral or professional degree	None	None			S	I		Education and Training	
<b>Social Workers, All Other (21-1029):</b> All social workers not listed separately.	146	149	4	9	13	↘	\$27.45 \$38.72	Bachelor's degree	None	None	★		S	I		Human Services	
<b>Sociologists (19-3041):</b> Study human society and social behavior by examining the groups and social institutions that people form, as well as various social, religious, political, and business organizations. May study the behavior and interaction of groups, trace their origin and growth, and analyze the influence of group activities on individual members.	n	n	n	n	n	↘	n/a n/a	Master's degree	None	None			I	A	S	Science, Technology, Engineering, and Mathematics	
<b>Sociology Teachers, Postsecondary (25-1067):</b> Teach courses in sociology. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.	76	81	4	4	8	↘	\$44,581 \$80,128	Doctoral or professional degree	None	None			S	I	A	Education and Training	
<b>Software Developers and Software Quality Assurance Analysts and Testers (15-1256):</b> Research, design, and develop computer and network software or specialized utility programs. May work with computer hardware engineers to integrate hardware and software systems, and develop specifications. May maintain databases.	10,430	12,916	271	572	1,092	↑	n/a n/a	Bachelor's degree	None	None	★	★	I	C	R	Information Technology	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Soil and Plant Scientists (19-1013):</b> Research breeding, physiology, production, yield, and management of crops and agricultural plants and trees, shrubs, or nursery stock, growth in soil, and pest control; or study soil chemical, physical, biological, or mineralogical composition for plant or crop growth.	n	n	n	n	n	↘	\$31.23 \$38.53	Bachelor's degree	None	None	★	★	I	R		Agriculture, Food, and Natural Resources	
<b>Solar Photovoltaic Installers (47-2231):</b> Assemble, install, or maintain solar photovoltaic (PV) systems on roofs or other structures in compliance with site assessment and schematics. May include measuring, cutting, assembling, and bolting structural framing and solar modules. May perform minor electrical work such as current checks.	n	n	n	n	n	↗	\$22.31 \$28.55	High school diploma or equivalent	None	Moderate-term OJT			R	C		Architecture and Construction	
<b>Sound Engineering Technicians (27-4014):</b> Operate machines and equipment to record, synchronize, mix, or reproduce music, voices, or sound effects in sporting arenas, theater productions, recording studios, or movie and video productions.	n	n	n	n	n	↗	\$15.26 \$23.66	Postsecondary non-degree award	None	Short-term OJT	★		R	A		Arts, Audio-Visual Technology, and Communications	
<b>Special Education Teachers, All Other (25-2059):</b> All special education teachers not listed separately. Includes Adapted Physical Education Specialists.	166	184	6	7	15	↘	\$47,936 \$57,592	Bachelor's degree	None	None		★	S	A		Education and Training	
<b>Special Education Teachers, Kindergarten and Elementary School (25-2052):</b> Teach school subjects to educationally and physically handicapped students. Includes teachers of audibly and visually handicapped students or basic academic and life processes skills to the mentally impaired.	1,204	1,274	40	49	96	↗	\$43,925 \$61,220	Bachelor's degree	None	None		★	S	A		Education and Training	
<b>Special Education Teachers, Middle School (25-2053):</b> Teach middle school subjects to educationally and physically handicapped students. Includes those who work with audibly and visually handicapped students or teach basic academic and life processes skills to the mentally impaired.	438	463	15	18	35	↗	\$44,717 \$60,902	Bachelor's degree	None	None		★	S	A		Education and Training	
<b>Special Education Teachers, Preschool (25-2051):</b> Teach school subjects to educationally and physically handicapped students. Includes teachers of audibly and visually handicapped students or basic academic and life processes skills to the mentally impaired.	46	50	2	2	4	↘	\$53,451 \$63,524	Bachelor's degree	None	None		★	S	A		Education and Training	
<b>Special Education Teachers, Secondary School (25-2054):</b> Teach secondary subjects to educationally and physically handicapped students. Includes those who work with audibly and visually handicapped students or teach basic academic and life processes skills to the mentally impaired.	522	553	18	21	42	↗	\$48,241 \$61,821	Bachelor's degree	None	None		★	S	I		Education and Training	
<b>Special Effects Artists and Animators (27-1014):</b> Create special effects or animations using film, video, computers, or other electronic tools and media for use in products, such as computer games, movies, music videos, and commercials.	82	92	4	4	9	↗	\$29.67 \$33.63	Bachelor's degree	None	None	★		A	I		Arts, Audio-Visual Technology, and Communications	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Speech-Language Pathologists (29-1127):</b> 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.	925	1,188	25	38	89	↑	\$28.01 \$37.16	Master's degree	None	Internship/residency	★	★	S	I	A	Health Science	
<b>Stationary Engineers and Boiler Operators (51-8021):</b> Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment such as steam engines, generators, motors, turbines, and steam boilers.	124	124	6	9	15	↓	\$23.43 \$28.95	High school diploma or equivalent	None	Long-term OJT	★	★	R	I	C	Manufacturing	
<b>Statistical Assistants (43-9111):</b> Compile and compute data according to statistical formulas for use in statistical studies. May perform actuarial computations and compile charts and graphs for use by actuaries. Includes actuarial clerks.	n	n	n	n	n	↘	n/a n/a	Bachelor's degree	None	None	★		C	I		Government and Public Administration	
<b>Statisticians (15-2041):</b> Develop or apply mathematical or statistical theory and methods to collect, organize, interpret, and summarize numerical data to provide usable information. May specialize in fields such as bio-statistics, agricultural statistics, business statistics, or economic statistics.	75	105	2	4	9	↗	\$30.99 \$37.53	Master's degree	None	None	★	★	C	I		Science, Technology, Engineering, and Mathematics	
<b>Stock Clerks and Order Fillers (43-5081):</b> Receive, store, and issue sales floor merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customers' orders. May mark prices on merchandise and set up sales displays.	14,153	15,133	834	1,428	2,360	↗	\$11.73 \$14.51	High school diploma or equivalent	None	Short-term OJT		★	C	R	E	Business Management and Administration	
<b>Stonemasons (47-2022):</b> Build stone structures such as piers, walls, and abutments. Lay walks, curbstones, or special types of masonry for vats, tanks, and floors.	131	131	4	8	12	↓	\$19.81 \$22.55	High school diploma or equivalent	None	Apprenticeship	★		R			Architecture and Construction	
<b>Structural Iron and Steel Workers (47-2221):</b> Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings.	175	191	5	14	21	↘	\$18.48 \$23.64	High school diploma or equivalent	None	Apprenticeship	★	★	R	I	C	Architecture and Construction	
<b>Structural Metal Fabricators and Fitters (51-2041):</b> Fabricate, position, align, and fit parts of structural metal products. Shipfitters are included in Layout Workers, Metal and Plastic (51-4192).	145	132	3	11	13	↓	\$16.98 \$22.67	High school diploma or equivalent	None	Moderate-term OJT	★	★	R	C		Architecture and Construction	
<b>Substance Abuse, Behavioral Disorder, and Mental Health Counselors (21-1018):</b> Counsel and advise individuals and groups to promote mental and emotional health, emphasizing prevention. May help individuals deal with a broad range of mental health issues, such as addictions and substance abuse; family, parenting, and marital problems.	2,047	2,569	75	137	264	↑	\$16.11 \$22.42	Bachelor's degree	None	None	★	★	S	I	A	Human Services	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Substitute Teachers, Short-Term (25-3098):</b> Teach students on a short-term basis as a temporary replacement for a regular classroom teacher, typically using the regular teacher's lesson plan.	1,646	1,825	104	93	215	↑	\$11.65 \$14.00	Bachelor's degree	None	None				S	A		Education and Training
<b>Surgeons, Except Ophthalmologists (29-1248):</b> Physicians who treat diseases, injuries, and deformities by invasive, minimally-invasive, or non-invasive surgical methods, such as using instruments, appliances, or by manual manipulation. Includes Orthopedic Surgeons, Except Pediatric, Pediatric Surgeons, and Surgeons, All Other. Excludes Ophthalmologists.	465	447	7	5	10	↓	n/a n/a	Doctoral or professional degree	None	Internship/residency		★	★	I	R	A	Health Science
<b>Surgical Technologists (29-2055):</b> 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.	440	474	12	20	35	↑	\$19.23 \$24.93	Postsecondary non-degree award	None	None	★	★		R	S	C	Health Science
<b>Survey Researchers (19-3022):</b> Plan, develop, or conduct surveys. May analyze and interpret the meaning of survey data, determine survey objectives, or suggest or test question wording. Includes social scientists who primarily design questionnaires or supervise survey teams.	n	n	n	n	n	↓	n/a n/a	Master's degree	None	None				I	C	E	Science, Technology, Engineering, and Mathematics
<b>Surveying and Mapping Technicians (17-3031):</b> Perform surveying and mapping duties to obtain data for construction, mapmaking, boundary location, mining, or other purposes. Create maps from source data, such as aerial photography or satellite data, to show topographical features.	281	301	10	25	37	↗	\$18.83 \$23.33	High school diploma or equivalent	None	Moderate-term OJT	★	★		C	R	I	Architecture and Construction
<b>Surveyors (17-1022):</b> Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, or construction.	260	280	9	13	24	↘	\$23.31 \$31.59	Bachelor's degree	None	Internship/residency		★	★	R	C	I	Architecture and Construction
<b>Switchboard Operators, Including Answering Service (43-2011):</b> Operate telephone business systems equipment or switchboards to relay incoming, outgoing, and interoffice calls. May supply information to callers and record messages.	307	240	14	16	23	↓	\$12.50 \$16.95	High school diploma or equivalent	None	Short-term OJT		★		C	E	S	Business Management and Administration
<b>Tailors, Dressmakers, and Custom Sewers (51-6052):</b> Design, make, alter, repair, or fit garments.	113	101	8	5	12	↓	\$12.69 \$14.17	No formal educational credential	None	Moderate-term OJT	★			R	A	E	Human Services
<b>Tank Car, Truck, and Ship Loaders (53-7121):</b> Load and unload chemicals and bulk solids, such as coal, sand, and grain into or from tank cars, trucks, or ships using material moving equipment. May gauge or sample shipping tanks and test them for leaks, or perform other tasks related to product shipment.	n	n	n	n	n	↓	n/a n/a	No formal educational credential	None	Short-term OJT	★	★		R	C		Transportation, Distribution, and Logistics

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Tapers (47-2082):</b> Seal joints between plasterboard or other wallboard to prepare wall surface for painting or papering.	n	n	n	n	n	↘	\$23.40 \$24.39	No formal educational credential	None	Moderate-term OJT	★			R		Architecture and Construction	
<b>Tax Examiners and Collectors, and Revenue Agents (13-2081):</b> Determine tax liability or collect taxes from individuals or business firms according to prescribed laws and regulations.	317	330	13	14	28	↗	\$16.15 \$23.22	Bachelor's degree	None	Moderate-term OJT				C	E	Government and Public Administration	
<b>Tax Preparers (13-2082):</b> Prepare tax returns for individuals or small businesses.	390	401	22	22	45	↗	\$14.46 \$23.35	High school diploma or equivalent	None	Moderate-term OJT				C	E	Finance	
<b>Teachers and Instructors, All Other, Except Substitute Teachers (25-3097):</b> All teachers and instructors not listed separately, except Substitute Teachers, Short Term. Includes Tutors.	965	1,074	61	55	127	↑	n/a n/a	Bachelor's degree	None	None	★	★		S	A	Education and Training	
<b>Teaching Assistants, Except Postsecondary (25-9045):</b> Assist a preschool, elementary, middle, or secondary school teacher with instructional duties. May provide academic, social, or life skills to students who have learning, emotional, or physical disabilities. Serve in a position for which a teacher has primary responsibility for the program	9,293	9,956	430	450	946	↗	\$24,563 \$35,838	Some college, no degree	None	None	★			S	C	E	Education and Training
<b>Teaching Assistants, Postsecondary (25-9044):</b> Assist faculty or other instructional staff in postsecondary institutions by performing instructional support activities, such as developing teaching materials, leading discussion groups, preparing and giving examinations, and grading examinations or papers.	77	79	4	4	8	↘	\$26,928 \$42,565	Bachelor's degree	None	None			★	S	C	Education and Training	
<b>Technical Writers (27-3042):</b> Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.	159	177	4	10	16	↘	\$27.20 \$37.38	Bachelor's degree	Less than 5 years	Short-term OJT				A	I	C	Arts, Audio-Visual Technology, and Communications
<b>Telecommunications Equipment Installers and Repairers, Except Line Installers (49-2022):</b> Install, set up, rearrange, or remove switching, distribution, routing, or dialing equipment in central offices or headends. Service or repair telephone, cable TV, Internet, and other equipment.	639	652	22	50	73	↗	\$24.68 \$36.98	Postsecondary non-degree award	None	Moderate-term OJT	★	★		R	I	C	Arts, Audio-Visual Technology, and Communications
<b>Telecommunications Line Installers and Repairers (49-9052):</b> Install and repair telecommunications cable, including fiber optics.	244	255	6	21	28	↗	\$19.73 \$28.87	High school diploma or equivalent	None	Long-term OJT	★	★		R	E	Arts, Audio-Visual Technology, and Communications	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Telemarketers (41-9041):</b> Solicit donations or orders for goods or services over the telephone.	539	458	23	51	66	↗	\$11.43 \$14.55	No formal educational credential	None	Short-term OJT				E	C		Marketing	
<b>Tellers (43-3071):</b> Receive and pay out money. Keep records of money and negotiable instruments involved in a financial institution's various transactions.	1,685	1,413	63	97	133	↗	\$14.19 \$17.59	High school diploma or equivalent	None	Short-term OJT	★	★		C	E		Finance	
<b>Textile Bleaching and Dyeing Machine Operators and Tenders (51-6061):</b> Operate or tend machines to bleach, shrink, wash, dye, or finish textiles or synthetic or glass fibers.	140	129	7	9	15	↓	\$13.11 \$16.90	High school diploma or equivalent	None	Short-term OJT				R			Manufacturing	
<b>Textile Cutting Machine Setters, Operators, and Tenders (51-6062):</b> Set up, operate, or tend machines that cut textiles.	134	126	7	8	14	↓	\$13.41 \$17.36	High school diploma or equivalent	None	Moderate-term OJT				R	C		Manufacturing	
<b>Textile Knitting and Weaving Machine Setters, Operators, and Tenders (51-6063):</b> Set up, operate, or tend machines that knit, loop, weave, or draw in textiles.	233	213	12	14	24	↓	\$14.63 \$17.29	High school diploma or equivalent	None	Short-term OJT	★			R	C		Manufacturing	
<b>Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders (51-6064):</b> Set up, operate, or tend machines that wind or twist textiles, or draw out and combine sliver, such as wool, hemp, or synthetic fibers. Includes slubber machine and drawing frame operators.	99	91	5	6	10	↓	\$13.59 \$16.07	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	
<b>Textile, Apparel, and Furnishings Workers, All Other (51-6099):</b> All textile, apparel, and furnishings workers not listed separately.	114	112	6	7	13	↓	\$14.23 \$17.95	High school diploma or equivalent	None	Short-term OJT	★			R	C		Manufacturing	
<b>Therapists, All Other (29-1129):</b> All therapists not listed separately.	n	n	n	n	n	↗	\$21.15 \$29.64	Bachelor's degree	None	None				S	I		Health Science	
<b>Tile and Stone Setters (47-2044):</b> Apply hard tile, stone, and comparable materials to walls, floors, ceilings, countertops, and roof decks.	69	76	2	4	7	↘	\$20.71 \$26.37	No formal educational credential	None	Long-term OJT	★			R	C	A	Architecture and Construction	

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings					Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers	Total												
<b>Tire Repairers and Changers (49-3093):</b> Repair and replace tires.	568	600	18	48	69	↗	\$12.84 \$14.05	High school diploma or equivalent	None	Short-term OJT				R	C	Transportation, Distribution, and Logistics	
<b>Title Examiners, Abstractors, and Searchers (23-2093):</b> Search real estate records, examine titles, or summarize pertinent legal or insurance documents or details for a variety of purposes. May compile lists of mortgages or contracts pertaining to titles by searching public and private records.	n	n	n	n	n	↓	\$18.51 \$19.74	High school diploma or equivalent	None	Moderate-term OJT				C	E	R	Law, Public Safety, Corrections, and Security
<b>Tool and Die Makers (51-4111):</b> Analyze specifications, lay out metal stock, set up and operate machine tools, and fit and assemble parts to make and repair dies, cutting tools, jigs, fixtures, gauges, and machinists' hand tools.	259	264	10	16	26	↗	\$21.33 \$29.42	Postsecondary non-degree award	None	Long-term OJT	★			R	I	C	Manufacturing
<b>Tool Grinders, Filers, and Sharpeners (51-4194):</b> Perform precision smoothing, sharpening, polishing, or grinding of metal objects.	56	55	2	4	6	↓	\$16.72 \$22.66	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	Manufacturing	
<b>Tour and Travel Guides, and Tour Escorts (39-7010):</b> Escort individuals or groups on sightseeing tours or through places of interest, such as industrial establishments, public buildings, and art galleries. Travel guides plan, organize, and conduct long distance travel, tours, and expeditions for individuals and groups.	198	283	15	22	45	↗	\$12.47 \$14.50	High school diploma or equivalent	None	Moderate-term OJT			★	E	S	C	Hospitality and Tourism
<b>Traffic Technicians (53-6041):</b> Under the direction of a traffic engineer, conduct field studies to determine traffic volume, speed, effectiveness of signals, adequacy of lighting, and other factors influencing traffic conditions.	n	n	n	n	n	↗	n/a n/a	High school diploma or equivalent	None	Moderate-term OJT				R	I	E	Transportation, Distribution, and Logistics
<b>Training and Development Managers (11-3131):</b> Plan, direct, or coordinate the training and development activities and staff of an organization.	250	270	6	17	25	↘	\$43.27 \$60.56	Bachelor's degree	5 years or more	None		★		E	S	Business Management and Administration	
<b>Training and Development Specialists (13-1151):</b> Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.	1,559	1,718	49	100	165	↗	\$18.61 \$29.74	Bachelor's degree	Less than 5 years	None	★	★		S	A	C	Business Management and Administration
<b>Transportation Inspectors (53-6051):</b> Inspect equipment or goods in connection with the safe transport of cargo or people. Includes rail transportation inspectors, such as freight inspectors, rail inspectors, and other inspectors of transportation vehicles not elsewhere classified.	33	32	1	2	3	↓	\$25.24 \$48.39	High school diploma or equivalent	None	Moderate-term OJT		★		R	C	E	Government and Public Administration

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total			Education	Experience	Training				1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	
	2020	2030	Exits	Transfers													
<b>Transportation Security Screeners (33-9093):</b> Conduct screening of passengers, baggage, or cargo to ensure compliance with Transportation Security Administration (TSA) regulations. May operate basic security equipment such as x-ray machines and hand wands at screening checkpoints.	87	84	3	4	7	↓	n/a n/a	High school diploma or equivalent	None	Short-term OJT				R	E	C	Government and Public Administration
<b>Transportation, Storage, and Distribution Managers (11-3071):</b> Plan, direct, or coordinate transportation, storage, or distribution activities in accordance with organizational policies and applicable government laws or regulations. Includes logistics managers.	566	605	11	32	47	↗	\$31.31 \$53.19	High school diploma or equivalent	5 years or more	None	★	★		E	C	R	Transportation, Distribution, and Logistics
<b>Travel Agents (41-3041):</b> Plan and sell transportation and accommodations for travel agency clients. Determine destination, modes of transportation, travel dates, costs, and accommodations required. May describe, plan, and arrange itineraries and sell tour packages, or help resolve travel problems.	261	257	13	17	30	↗	\$15.57 \$23.06	High school diploma or equivalent	None	Moderate-term OJT				E	C		Hospitality and Tourism
<b>Tree Trimmers and Pruners (37-3013):</b> Cut away dead or excess branches from trees or shrubs to maintain right-of-way for roads, sidewalks, or utilities, or to improve tree appearance, health, and value. Use handsaws, hand pruners, clippers, or power pruners. Works off the ground in tree canopy.	429	452	19	38	59	↗	\$11.3 \$18.83	High school diploma or equivalent	None	Short-term OJT	★			R			Agriculture, Food, and Natural Resources
<b>Umpires, Referees, and Other Sports Officials (27-2023):</b> Officiate at competitive athletic or sporting events. Detect infractions of rules and decide penalties according to established regulations. Includes all sporting officials, referees, and competition judges.	43	71	3	5	11	↗	\$32,494 \$51,450	High school diploma or equivalent	None	Moderate-term OJT				R	E	C	Hospitality and Tourism
<b>Upholsterers (51-6093):</b> Make, repair, or replace upholstery for household furniture or transportation vehicles.	52	48	2	3	5	↓	\$18.14 \$23.58	High school diploma or equivalent	None	Moderate-term OJT	★			R			Manufacturing
<b>Urban and Regional Planners (19-3051):</b> Develop comprehensive plans and programs for use of land and physical facilities of jurisdictions such as towns, cities, counties, and metropolitan areas.	220	238	4	16	22	↘	\$24.75 \$36.06	Master's degree	None	None				I	E	A	Government and Public Administration
<b>Ushers, Lobby Attendants, and Ticket Takers (39-3031):</b> Assist patrons at entertainment events by performing duties such as collecting admission tickets and passes from patrons, assisting in finding seats, searching for lost articles, and locating such facilities as rest rooms and telephones.	103	199	19	15	44	↑	n/a n/a	No formal educational credential	None	Short-term OJT				S	C	E	Hospitality and Tourism
<b>Veterinarians (29-1131):</b> Diagnose, treat, or research diseases and injuries of animals. Includes veterinarians who conduct research and development, inspect livestock, or care for pets and companion animals.	699	862	12	12	40	↑	\$33.18 \$48.63	Doctoral or professional degree	None	None			★	★	I	R	Health Science

NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings		Total				Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers														
<b>Veterinary Assistants and Laboratory Animal Caretakers (31-9096):</b> Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in labs or animal hospitals and clinics. Clean and disinfect cages, and sterilize lab and surgical equipment. May administer medication.	480	580	26	58	94	↑	\$12.42 \$14.48	High school diploma or equivalent	None	Short-term OJT	★	★		R	S	I	Health Science	
<b>Veterinary Technologists and Technicians (29-2056):</b> Perform medical tests in a laboratory for use in the treatment and diagnosis of animal diseases. Prepare vaccines and serums or tissue samples, take blood samples, and execute tests such as urinalysis or blood counts. Clean and sterilize instruments.	961	1,168	29	46	96	↑	\$16.19 \$18.69	Associate's degree	None	None				R	I		Health Science	
<b>Waiters and Waitresses (35-3031):</b> Take orders and serve food and beverages to patrons at tables in dining establishment.	8,735	10,587	709	1,154	2,048	↑	\$8.72 \$12.24	No formal educational credential	None	Short-term OJT				S	E	C	Hospitality and Tourism	
<b>Watch and Clock Repairers (49-9064):</b> Repair, clean, and adjust mechanisms of timing instruments, such as watches and clocks. Includes watchmakers, watch technicians, and mechanical timepiece repairers.	n	n	n	n	n	↓	n/a n/a	High school diploma or equivalent	None	Long-term OJT	★			R	C	I	Manufacturing	
<b>Water and Wastewater Treatment Plant and System Operators (51-8031):</b> Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater.	452	441	13	28	40	↗	\$20.68 \$23.79	High school diploma or equivalent	None	Long-term OJT	★	★	★	R	C		Agriculture, Food, and Natural Resources	
<b>Web Developers and Digital Interface Designers (15-1257):</b> Develop websites, applications and databases, interactive interfaces, and website infrastructure. May develop and test layouts, interfaces, functionality, and navigation menus to ensure compatibility and usability.	707	798	18	37	64	↑	n/a n/a	Bachelor's degree	None	None	★	★		C	E	I	Information Technology	
<b>Weighers, Measurers, Checkers, and Samplers, Recordkeeping (43-5111):</b> Weigh, measure, and check materials, supplies, and equipment for the purpose of keeping relevant records. Duties are primarily clerical by nature.	204	222	8	12	22	↘	\$15.45 \$22.44	High school diploma or equivalent	None	Short-term OJT			★	C	R		Manufacturing	
<b>Welders, Cutters, Solderers, and Brazers (51-4121):</b> Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.	985	1,068	27	81	116	↑	\$18.66 \$23.37	High school diploma or equivalent	None	Moderate-term OJT	★	★		R	C	I	Manufacturing	
<b>Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122):</b> Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Includes laser cutter or laser-beam machine operators.	324	319	8	25	33	↗	\$14.99 \$18.37	High school diploma or equivalent	None	Moderate-term OJT	★			R	C		Manufacturing	



NEW HAMPSHIRE CAREER PLANNING GUIDE 2020-2030

Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation Education	Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Cluster
	Employment		Avg. Annual Openings						Experience	Training	1 <sup>st</sup>				2 <sup>nd</sup>	3 <sup>rd</sup>		
	2020	2030	Exits	Transfers	Total													
<b>Wind Turbine Service Technicians (49-9081):</b> Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.	n	n	n	n	n	↗	n/a n/a	Postsecondary non-degree award	None	Long-term OJT	★			R	C		Manufacturing	
<b>Woodworking Machine Setters, Operators, and Tenders, Except Sawing (51-7042):</b> Set up, operate, or tend woodworking machines, such as drill presses, lathes, shapers, routers, sanders, planers, and wood nailing machines. May operate computer numerically controlled (CNC) equipment.	459	428	13	32	42	↗	\$12.92 \$16.92	High school diploma or equivalent	None	Moderate-term OJT	★			R	C	I	Manufacturing	
<b>Word Processors and Typists (43-9022):</b> Use word processor, computer, or typewriter to type letters, reports, forms, or other material from rough draft, corrected copy, or voice recording. May perform other clerical duties as assigned.	69	50	4	3	5	↘	\$14.73 \$17.59	High school diploma or equivalent	None	Short-term OJT	★	★		C	E		Business Management and Administration	
<b>Writers and Authors (27-3043):</b> Originate and prepare written material such as scripts, stories, advertisements, and other material.	1,041	1,114	43	59	109	↗	\$18.10 \$29.66	Bachelor's degree	None	Long-term OJT		★		E	A	C	Arts, Audio-Visual Technology, and Communications	
<b>Zoologists and Wildlife Biologists (19-1023):</b> Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife. May collect and analyze biological data to determine the environmental effects of present and potential use of land and water habitats.	86	88	1	6	7	↘	\$21.41 \$32.40	Bachelor's degree	None	None				I	R		Agriculture, Food, and Natural Resources	