

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
<b>11-0000</b>	<b>Management Occupations</b>	<b>617,607</b>	<b>678,994</b>	<b>61,387</b>	<b>9.9%</b>	<b>27,216</b>	<b>37,727</b>	<b>95,627</b>				
11-1011	Chief Executives	44,140	47,391	3,251	7.4%	1,162	2,146	4,930				
11-1021	General and Operations Managers	797	857	60	7.5%	22	29	81	Bachelor's degree	5 yrs. or more	None	
11-1031	Legislators	12,160	13,293	1,133	9.3%	258	686	1,510	Bachelor's degree	5 yrs. or more	None	
11-2011	Advertising and Promotions Managers	201	206	5	2.5%	5	8	15	Bachelor's degree	Less than 5 yrs.	None	
11-2021	Marketing Managers	44	47	3	6.8%	1	3	6	Bachelor's degree	Less than 5 yrs.	None	
11-2022	Sales Managers	1,223	1,254	31	2.5%	25	70	111	Bachelor's degree	5 yrs. or more	None	
11-2030	Public Relations and Fundraising Managers	1,630	1,675	45	2.8%	34	93	149	Bachelor's degree	Less than 5 yrs.	None	
11-3010	Administrative Services and Facilities Managers	621	649	28	4.5%	16	31	61	Bachelor's degree	5 yrs. or more	None	
11-3021	Computer and Information Systems Managers	990	1,028	38	3.8%	28	44	91	Bachelor's degree	Less than 5 yrs.	None	
11-3031	Financial Managers	2,725	2,778	53	1.9%	45	136	207	Bachelor's degree	5 yrs. or more	None	
11-3051	Industrial Production Managers	3,830	4,009	179	4.7%	80	174	344	Bachelor's degree	5 yrs. or more	None	
11-3061	Purchasing Managers	1,097	1,098	1	0.1%	21	46	67	Bachelor's degree	5 yrs. or more	None	
11-3071	Transportation, Storage, and Distribution Managers	514	515	1	0.2%	12	24	36	Bachelor's degree	5 yrs. or more	None	
11-3071	Transportation, Storage, and Distribution Managers	571	588	17	3.0%	12	27	47	HS diploma /equivalent	5 yrs. or more	None	
11-3111	Compensation and Benefits Managers	91	93	2	2.2%	2	4	7	Bachelor's degree	5 yrs. or more	None	
11-3121	Human Resources Managers	675	696	21	3.1%	15	34	59	Bachelor's degree	5 yrs. or more	None	
11-3131	Training and Development Managers	234	244	10	4.3%	6	14	25	Bachelor's degree	5 yrs. or more	None	
11-9013	Farmers, Ranchers, and Other Agricultural Managers	3,427	3,745	318	9.3%	232	107	498	HS diploma /equivalent	5 yrs. or more	None	
11-9021	Construction Managers	1,875	2,034	159	8.5%	40	81	201	Bachelor's degree	None	Moderate-term OJT	
11-9031	Education Administrators, Preschool and Childcare Center/Program	365	387	22	6.0%	10	16	37	Bachelor's degree	Less than 5 yrs.	None	
11-9032	Education Administrators, Elementary and Secondary School	1,295	1,340	45	3.5%	32	54	108	Master's degree	5 yrs. or more	None	
11-9033	Education Administrators, Postsecondary	n	n	n	n	n	n	n	Master's degree	Less than 5 yrs.	None	
11-9039	Education Administrators, All Other	66	74	8	12.1%	2	3	9	Bachelor's degree	Less than 5 yrs.	None	
11-9041	Architectural and Engineering Managers	1,492	1,489	-3	-0.2%	24	65	87	Bachelor's degree	5 yrs. or more	None	
11-9051	Food Service Managers	1,026	1,446	420	40.9%	36	85	331	HS diploma /equivalent	Less than 5 yrs.	None	
11-9071	Gaming Managers	n	n	n	n	n	n	n	Associate's degree	Less than 5 yrs.	None	
11-9081	Lodging Managers	148	249	101	68.2%	7	12	69	HS diploma /equivalent	Less than 5 yrs.	None	
11-9111	Medical and Health Services Managers	2,048	2,285	237	11.6%	54	95	267	HS diploma /equivalent	Less than 5 yrs.	None	
11-9121	Natural Sciences Managers	224	235	11	4.9%	4	11	21	Bachelor's degree	Less than 5 yrs.	None	
11-9131	Postmasters and Mail Superintendents	162	158	-4	-2.5%	4	6	8	Bachelor's degree	5 yrs. or more	None	
11-9141	Property, Real Estate, and Community Association Managers	944	1,046	102	10.8%	38	33	122	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
11-9151	Social and Community Service Managers	743	816	73	9.8%	22	36	94	HS diploma /equivalent	Less than 5 yrs.	None	
11-9161	Emergency Management Directors	68	68	0	0.0%	2	3	5	Bachelor's degree	Less than 5 yrs.	None	
11-9171	Funeral Home Managers	52	68	16	30.8%	2	2	12	Bachelor's degree	5 yrs. or more	None	
11-9198	Personal Service Managers; Entertainment & Recreation Managers, Except Gambling; and Managers, All Other	1,734	1,880	146	8.4%	45	72	190	Bachelor's degree	Less than 5 yrs.	None	
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>	<b>31,827</b>	<b>33,024</b>	<b>1,197</b>	<b>3.8%</b>	<b>909</b>	<b>1,776</b>	<b>3,282</b>				
13-1020	Buyers and Purchasing Agents	2,361	2,342	-19	-0.8%	76	142	208	Bachelor's degree	None	Moderate-term OJT	
13-1031	Claims Adjusters, Examiners, and Investigators	1,186	1,162	-24	-2.0%	27	58	73	HS diploma /equivalent	None	Long-term OJT	
13-1032	Insurance Appraisers, Auto Damage	36	35	-1	-2.8%	1	2	3	Postsec. non-degree award	None	Moderate-term OJT	
13-1041	Compliance Officers	1,399	1,434	35	2.5%	36	70	124	Bachelor's degree	None	Moderate-term OJT	
13-1051	Cost Estimators	793	837	44	5.5%	23	46	91	Bachelor's degree	None	Moderate-term OJT	
13-1071	Human Resources Specialists	2,325	2,455	130	5.6%	66	142	273	Bachelor's degree	None	None	
13-1075	Labor Relations Specialists	140	168	28	20.0%	4	9	27	Bachelor's degree	Less than 5 yrs.	None	
13-1081	Logisticians	815	820	5	0.6%	18	50	70	Bachelor's degree	None	None	
13-1111	Management Analysts	3,302	3,426	124	3.8%	108	174	344	Bachelor's degree	Less than 5 yrs.	None	
13-1121	Meeting, Convention, and Event Planners	374	470	96	25.7%	12	29	89	Bachelor's degree	None	None	
13-1131	Fundraisers	528	606	78	14.8%	17	34	90	Bachelor's degree	None	None	
13-1141	Compensation, Benefits, and Job Analysis Specialists	351	358	7	2.0%	12	18	34	Bachelor's degree	Less than 5 yrs.	None	
13-1151	Training and Development Specialists	1,277	1,338	61	4.8%	40	78	148	Bachelor's degree	Less than 5 yrs.	None	
13-1161	Market Research Analysts and Marketing Specialists	2,328	2,500	172	7.4%	58	156	300	Bachelor's degree	None	None	
13-1198	Project Management Specialists and Business Operations Specialists, All Other	3,331	3,437	106	3.2%	100	190	343	Bachelor's degree	None	None	
13-2011	Accountants and Auditors	5,771	5,980	209	3.6%	166	314	584	Bachelor's degree	None	None	

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		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training		
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627					
13-2020	Property Appraisers and Assessors	393	422	29	7.4%	14	13	41	Bachelor's degree	None	Long-term OJT		
13-2031	Budget Analysts	52	58	6	11.5%	2	2	7	Bachelor's degree	None	None		
13-2041	Credit Analysts	141	141	0	0.0%	3	8	11	Bachelor's degree	None	None		
13-2052	Personal Financial Advisors	1,294	1,349	55	4.3%	30	59	117	Bachelor's degree	None	Long-term OJT		
13-2053	Insurance Underwriters	148	144	-4	-2.7%	3	8	9	Bachelor's degree	None	Moderate-term OJT		
13-2061	Financial Examiners	146	147	1	0.7%	4	6	10	Bachelor's degree	None	Long-term OJT		
13-2071	Credit Counselors	422	423	1	0.2%	10	21	31	Bachelor's degree	None	Moderate-term OJT		
13-2072	Loan Officers	1,296	1,315	19	1.5%	30	64	104	Bachelor's degree	None	Moderate-term OJT		
13-2081	Tax Examiners and Collectors, and Revenue Agents	312	317	5	1.6%	14	11	27	Bachelor's degree	None	Moderate-term OJT		
13-2082	Tax Preparers	329	333	4	1.2%	17	18	37	HS diploma /equivalent	None	Moderate-term OJT		
13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	977	1,007	30	3.1%	18	54	87	Bachelor's degree	None	None		
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>22,873</b>	<b>23,336</b>	<b>463</b>	<b>2.0%</b>	<b>378</b>	<b>1,068</b>	<b>1,677</b>					
15-1211	Computer Systems Analysts	2,841	2,877	36	1.3%	54	126	198	Bachelor's degree	None	None		
15-1212	Information Security Analysts	516	543	27	5.2%	8	26	48	Bachelor's degree	Less than 5 yrs.	None		
15-1221	Computer and Information Research Scientists	54	56	2	3.7%	1	3	5	Master's degree	None	None		
15-1231	Computer Network Support Specialists	465	472	7	1.5%	8	24	36	Associate's degree	None	None		
15-1232	Computer User Support Specialists	3,018	3,079	61	2.0%	54	152	236	Some college, no degree	None	None		
15-1241	Computer Network Architects	416	424	8	1.9%	6	18	28	Bachelor's degree	5 yrs. or more	None		
15-1244	Network and Computer Systems Administrators	2,225	2,264	39	1.8%	34	97	151	Bachelor's degree	None	None		
15-1245	Database Administrators and Architects	422	429	7	1.7%	8	18	30	Bachelor's degree	None	None		
15-1251	Computer Programmers	1,389	1,356	-33	-2.4%	25	59	68	Bachelor's degree	None	None		
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	8,944	9,184	240	2.7%	129	426	675	Bachelor's degree	None	None		
15-1257	Web Developers and Digital Interface Designers	621	642	21	3.4%	12	30	52	Associate's degree	None	None		
15-1299	Computer Occupations, All Other	1,212	1,233	21	1.7%	24	58	92	Bachelor's degree	None	None		
15-2011	Actuaries	n	n	n	n	n	n	n	Bachelor's degree	None	Long-term OJT		
15-2021	Mathematicians	n	n	n	n	n	n	n	Master's degree	None	None		
15-2031	Operations Research Analysts	550	570	20	3.6%	12	22	44	Bachelor's degree	None	None		
15-2041	Statisticians	78	83	5	6.4%	2	4	8	Master's degree	None	None		
15-2098	Data Scientists and Mathematical Science Occupations, All Other	50	51	1	2.0%	1	2	3	Bachelor's degree	None	None		
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>	<b>14,013</b>	<b>14,120</b>	<b>107</b>	<b>0.8%</b>	<b>338</b>	<b>611</b>	<b>1,001</b>					
17-1011	Architects, Except Landscape and Naval	265	277	12	4.5%	7	11	24	Bachelor's degree	None	Internship/residency		
17-1012	Landscape Architects	n	n	n	n	n	n	n	Bachelor's degree	None	Internship/residency		
17-1021	Cartographers and Photogrammetrists	86	92	6	7.0%	3	4	10	Bachelor's degree	None	None		
17-1022	Surveyors	244	251	7	2.9%	8	10	22	Bachelor's degree	None	Internship/residency		
17-2011	Aerospace Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
17-2031	Biomedical Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
17-2041	Chemical Engineers	58	56	-2	-3.4%	2	2	3	Bachelor's degree	None	None		
17-2051	Civil Engineers	1,479	1,517	38	2.6%	32	70	121	Bachelor's degree	None	None		
17-2061	Computer Hardware Engineers	206	207	1	0.5%	4	10	14	Bachelor's degree	None	None		
17-2071	Electrical Engineers	1,839	1,805	-34	-1.8%	40	66	89	Bachelor's degree	None	None		
17-2072	Electronics Engineers, Except Computer	485	477	-8	-1.6%	10	18	24	Bachelor's degree	None	None		
17-2081	Environmental Engineers	261	266	5	1.9%	6	10	18	Bachelor's degree	None	None		
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	56	57	1	1.8%	1	2	3	Bachelor's degree	None	None		
17-2112	Industrial Engineers	1,753	1,779	26	1.5%	38	66	117	Bachelor's degree	None	None		
17-2131	Materials Engineers	72	71	-1	-1.4%	2	2	4	Bachelor's degree	None	None		
17-2141	Mechanical Engineers	2,589	2,629	40	1.5%	46	99	165	Bachelor's degree	None	None		
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
17-2161	Nuclear Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
17-2171	Petroleum Engineers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
17-2199	Engineers, All Other	350	350	0	0.0%	8	13	21	Bachelor's degree	None	None		
17-3011	Architectural and Civil Drafters	608	629	21	3.5%	20	34	64	Associate's degree	None	None		
17-3012	Electrical and Electronics Drafters	134	131	-3	-2.2%	4	8	10	Associate's degree	None	None		

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Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627					
17-3013	Mechanical Drafters	336	340	4	1.2%	10	18	30	Associate's degree	None	None		
17-3019	Drafters, All Other	n	n	n	n	n	n	n	Associate's degree	None	None		
17-3022	Civil Engineering Technicians	110	112	2	1.8%	4	6	11	Associate's degree	None	None		
17-3023	Electrical and Electronics Engineering Technicians	744	723	-21	-2.8%	22	38	50	Associate's degree	None	None		
17-3024	Electro-Mechanical Technicians	124	120	-4	-3.2%	4	6	8	Associate's degree	None	None		
17-3025	Environmental Engineering Technicians	59	60	1	1.7%	2	3	5	Associate's degree	None	None		
17-3026	Industrial Engineering Technicians	573	567	-6	-1.0%	18	30	45	Associate's degree	None	None		
17-3027	Mechanical Engineering Technicians	672	690	18	2.7%	21	36	66	Associate's degree	None	None		
17-3031	Surveying and Mapping Technicians	291	298	7	2.4%	10	22	36	HS diploma /equivalent	None	Moderate-term OJT		
17-3098	Calibration and Engineering Technologists and Technicians, Except Drafters, All Other	318	314	-4	-1.3%	10	16	24	Associate's degree	None	None		
19-0000	Life, Physical, and Social Science Occupations	5,032	5,234	202	4.0%	94	310	503					
19-1012	Food Scientists and Technologists	27	28	1	3.7%	0	2	2	Bachelor's degree	None	None		
19-1013	Soil and Plant Scientists	n	n	n	n	n	n	n	Bachelor's degree	None	None		
19-1021	Biochemists and Biophysicists	102	108	6	5.9%	2	6	11	Doctoral/professional degree	None	None		
19-1022	Microbiologists	159	159	0	0.0%	2	10	12	Bachelor's degree	None	None		
19-1023	Zoologists and Wildlife Biologists	88	91	3	3.4%	2	6	10	Bachelor's degree	None	None		
19-1029	Biological Scientists, All Other	109	113	4	3.7%	2	7	11	Bachelor's degree	None	None		
19-1031	Conservation Scientists	72	82	10	13.9%	2	6	13	Bachelor's degree	None	None		
19-1032	Foresters	108	114	6	5.6%	2	8	13	Bachelor's degree	None	None		
19-1041	Epidemiologists	n	n	n	n	n	n	n	Master's degree	None	None		
19-1042	Medical Scientists, Except Epidemiologists	311	326	15	4.8%	4	19	31	Doctoral/professional degree	None	None		
19-1099	Life Scientists, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None		
19-2011	Astronomers	n	n	n	n	n	n	n	Doctoral/professional degree	None	None		
19-2012	Physicists	86	87	1	1.2%	1	4	5	Doctoral/professional degree	None	None		
19-2021	Atmospheric and Space Scientists	38	42	4	10.5%	0	2	4	Bachelor's degree	None	None		
19-2031	Chemists	212	218	6	2.8%	4	14	21	Bachelor's degree	None	None		
19-2032	Materials Scientists	39	39	0	0.0%	0	2	2	Bachelor's degree	None	None		
19-2041	Environmental Scientists and Specialists, Including Health	394	403	9	2.3%	6	28	38	Bachelor's degree	None	None		
19-2042	Geoscientists, Except Hydrologists and Geographers	107	112	5	4.7%	2	8	12	Bachelor's degree	None	None		
19-2043	Hydrologists	107	111	4	3.7%	2	8	12	Bachelor's degree	None	None		
19-2099	Physical Scientists, All Other	108	107	-1	-0.9%	2	6	8	Bachelor's degree	None	None		
19-3011	Economists	32	32	0	0.0%	0	2	2	Master's degree	None	None		
19-3022	Survey Researchers	n	n	n	n	n	n	n	Master's degree	None	None		
19-3031	Clinical, Counseling, and School Psychologists	615	676	61	9.9%	14	23	67	Doctoral/professional degree	None	Internship/residency		
19-3039	Psychologists, All Other	37	39	2	5.4%	1	2	4	Master's degree	None	Internship/residency		
19-3041	Sociologists	n	n	n	n	n	n	n	Master's degree	None	None		
19-3051	Urban and Regional Planners	216	222	6	2.8%	4	14	21	Master's degree	None	None		
19-3091	Anthropologists and Archeologists	47	49	2	4.3%	1	4	6	Master's degree	None	None		
19-3092	Geographers	n	n	n	n	n	n	n	Bachelor's degree	None	None		
19-3093	Historians	n	n	n	n	n	n	n	Master's degree	None	None		
19-3094	Political Scientists	n	n	n	n	n	n	n	Master's degree	None	None		
19-3099	Social Scientists and Related Workers, All Other	118	118	0	0.0%	3	8	11	Bachelor's degree	None	None		
19-4010	Agricultural and Food Science Technicians	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT		
19-4021	Biological Technicians	580	585	5	0.9%	11	47	60	Bachelor's degree	None	None		
19-4031	Chemical Technicians	146	152	6	4.1%	2	11	16	Associate's degree	None	Moderate-term OJT		
19-4042	Environmental Science and Protection Technicians, Including Health	177	183	6	3.4%	5	14	22	Associate's degree	None	None		
19-4045	Geological and Hydrologic Technicians	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT		
19-4051	Nuclear Technicians	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT		
19-4061	Social Science Research Assistants	62	61	-1	-1.6%	2	5	7	Bachelor's degree	None	None		
19-4071	Forest and Conservation Technicians	36	38	2	5.6%	1	3	5	Associate's degree	None	None		
19-4092	Forensic Science Technicians	54	56	2	3.7%	2	4	7	Bachelor's degree	None	Moderate-term OJT		
19-4099	Life, Physical, and Social Science Technicians, All Other	89	96	7	7.9%	2	8	14	Associate's degree	None	None		
19-5011	Occupational Health and Safety Specialists	537	559	22	4.1%	12	16	39	Bachelor's degree	None	None		

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Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
19-5012	Occupational Health and Safety Technicians	34	35	1	2.9%	0	1	1	HS diploma /equivalent	None	Moderate-term OJT	
21-0000	Community and Social Services Occupations	9,729	10,701	972	10.0%	350	597	1,432				
21-1012	Educational, Guidance, School, and Vocational Counselors	1,972	2,016	44	2.2%	65	110	197	Master's degree	None	None	
21-1013	Marriage and Family Therapists	40	46	6	15.0%	2	2	7	Master's degree	None	Internship/residency	
21-1015	Rehabilitation Counselors	311	340	29	9.3%	10	18	42	Master's degree	None	None	
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	1,701	1,937	236	13.9%	59	100	277	Bachelor's degree	None	None	
21-1019	Counselors, All Other	n	n	n	n	n	n	n	Master's degree	None	None	
21-1021	Child, Family, and School Social Workers	682	732	50	7.3%	20	40	85	Bachelor's degree	None	None	
21-1022	Healthcare Social Workers	539	577	38	7.1%	16	32	67	Master's degree	None	Internship/residency	
21-1023	Mental Health and Substance Abuse Social Workers	418	475	57	13.6%	12	26	66	Master's degree	None	Internship/residency	
21-1029	Social Workers, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None	
21-1091	Health Educators	215	235	20	9.3%	8	14	32	Bachelor's degree	None	None	
21-1092	Probation Officers and Correctional Treatment Specialists	214	215	1	0.5%	4	12	16	Bachelor's degree	None	Short-term OJT	
21-1093	Social and Human Service Assistants	1,805	1,975	170	9.4%	74	128	287	HS diploma /equivalent	None	Short-term OJT	
21-1094	Community Health Workers	174	194	20	11.5%	6	11	27	HS diploma /equivalent	None	Short-term OJT	
21-1099	Community and Social Service Specialists, All Other	455	509	54	11.9%	17	29	73	Bachelor's degree	None	None	
21-2011	Clergy	603	728	125	20.7%	28	34	124	Bachelor's degree	None	Moderate-term OJT	
21-2021	Directors, Religious Activities and Education	342	426	84	24.6%	16	25	83	Bachelor's degree	Less than 5 yrs.	None	
21-2099	Religious Workers, All Other	162	197	35	21.6%	11	11	40	Bachelor's degree	None	None	
23-0000	Legal Occupations	3,751	3,875	124	3.3%	94	132	288				
23-1011	Lawyers	2,271	2,354	83	3.7%	48	54	144	Doctoral/professional degree	None	None	
23-1012	Judicial Law Clerks	n	n	n	n	n	n	n	Doctoral/professional degree	None	None	
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	121	121	0	0.0%	2	3	5	Doctoral/professional degree	5 yrs. or more	Short-term OJT	
23-1022	Arbitrators, Mediators, and Conciliators	n	n	n	n	n	n	n	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT	
23-1023	Judges, Magistrate Judges, and Magistrates	91	91	0	0.0%	2	2	4	Doctoral/professional degree	5 yrs. or more	Short-term OJT	
23-2011	Paralegals and Legal Assistants	1,088	1,123	35	3.2%	38	67	123	Associate's degree	None	None	
23-2091	Court Reporters	35	39	4	11.4%	0	0	2	Postsec. non-degree award	None	Short-term OJT	
23-2093	Title Examiners, Abstractors, and Searchers	31	32	1	3.2%	1	2	3	HS diploma /equivalent	None	Moderate-term OJT	
23-2099	Legal Support Workers, All Other	85	86	1	1.2%	3	4	7	Associate's degree	None	None	
25-0000	Education, Training, and Library Occupations	39,892	41,205	1,313	3.3%	1,693	1,627	3,980				
25-1011	Business Teachers, Postsecondary	534	525	-9	-1.7%	20	20	36	Doctoral/professional degree	None	None	
25-1021	Computer Science Teachers, Postsecondary	125	122	-3	-2.4%	4	4	6	Doctoral/professional degree	None	None	
25-1022	Mathematical Science Teachers, Postsecondary	124	123	-1	-0.8%	4	4	8	Doctoral/professional degree	None	None	
25-1031	Architecture Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None	
25-1032	Engineering Teachers, Postsecondary	138	134	-4	-2.9%	5	5	8	Doctoral/professional degree	None	None	
25-1042	Biological Science Teachers, Postsecondary	302	295	-7	-2.3%	11	11	18	Doctoral/professional degree	None	None	
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	50	48	-2	-4.0%	2	2	3	Doctoral/professional degree	None	None	
25-1052	Chemistry Teachers, Postsecondary	63	62	-1	-1.6%	2	2	4	Doctoral/professional degree	None	None	
25-1053	Environmental Science Teachers, Postsecondary	132	127	-5	-3.8%	5	5	8	Doctoral/professional degree	None	None	
25-1054	Physics Teachers, Postsecondary	75	74	-1	-1.3%	3	3	6	Doctoral/professional degree	None	None	
25-1061	Anthropology and Archeology Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None	
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	47	46	-1	-2.1%	2	2	4	Doctoral/professional degree	None	None	
25-1063	Economics Teachers, Postsecondary	79	76	-3	-3.8%	3	3	4	Doctoral/professional degree	None	None	
25-1064	Geography Teachers, Postsecondary	27	25	-2	-7.4%	1	1	1	Doctoral/professional degree	None	None	
25-1065	Political Science Teachers, Postsecondary	96	92	-4	-4.2%	4	4	6	Doctoral/professional degree	None	None	
25-1066	Psychology Teachers, Postsecondary	218	214	-4	-1.8%	8	8	14	Doctoral/professional degree	None	None	
25-1067	Sociology Teachers, Postsecondary	51	49	-2	-3.9%	2	2	3	Doctoral/professional degree	None	None	
25-1069	Social Sciences Teachers, Postsecondary, All Other	53	53	0	0.0%	2	2	4	Doctoral/professional degree	None	None	
25-1071	Health Specialties Teachers, Postsecondary	501	500	-1	-0.2%	18	18	36	Doctoral/professional degree	Less than 5 yrs.	None	
25-1072	Nursing Instructors and Teachers, Postsecondary	161	166	5	3.1%	6	6	14	Doctoral/professional degree	Less than 5 yrs.	None	
25-1081	Education Teachers, Postsecondary	321	312	-9	-2.8%	12	12	20	Doctoral/professional degree	Less than 5 yrs.	None	
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	57	55	-2	-3.5%	2	2	3	Doctoral/professional degree	None	None	
25-1112	Law Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	Less than 5 yrs.	None	
25-1113	Social Work Teachers, Postsecondary	n	n	n	n	n	n	n	Doctoral/professional degree	None	None	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
25-1121	Art, Drama, and Music Teachers, Postsecondary	291	282	-9	-3.1%	10	10	16	Master's degree	None	None	
25-1122	Communications Teachers, Postsecondary	63	61	-2	-3.2%	2	2	3	Doctoral/professional degree	None	None	
25-1123	English Language and Literature Teachers, Postsecondary	311	303	-8	-2.6%	12	12	20	Doctoral/professional degree	None	None	
25-1124	Foreign Language and Literature Teachers, Postsecondary	235	226	-9	-3.8%	8	8	12	Doctoral/professional degree	None	None	
25-1125	History Teachers, Postsecondary	102	98	-4	-3.9%	4	4	6	Doctoral/professional degree	None	None	
25-1126	Philosophy and Religion Teachers, Postsecondary	123	119	-4	-3.3%	4	4	6	Doctoral/professional degree	None	None	
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	25	24	-1	-4.0%	1	1	2	Doctoral/professional degree	None	None	
25-1194	Vocational Education Teachers, Postsecondary	318	333	15	4.7%	12	12	32	Bachelor's degree	Less than 5 yrs.	None	
25-1199	Postsecondary Teachers, All Other	165	159	-6	-3.6%	6	6	9	Doctoral/professional degree	None	None	
25-2011	Preschool Teachers, Except Special Education	2,675	2,827	152	5.7%	110	137	323	Associate's degree	None	None	
25-2012	Kindergarten Teachers, Except Special Education	417	432	15	3.6%	17	21	46	Bachelor's degree	None	None	
25-2021	Elementary School Teachers, Except Special Education	5,612	5,785	173	3.1%	180	198	464	Bachelor's degree	None	None	
25-2022	Middle School Teachers, Except Special and Career/Technical Education	2,864	2,953	89	3.1%	92	101	237	Bachelor's degree	None	None	
25-2023	Career/Technical Education Teachers, Middle School	49	50	1	2.0%	2	2	4	Bachelor's degree	Less than 5 yrs.	None	
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	4,618	4,763	145	3.1%	130	164	366	Bachelor's degree	None	None	
25-2032	Career/Technical Education Teachers, Secondary School	297	306	9	3.0%	8	10	22	Bachelor's degree	Less than 5 yrs.	None	
25-2051	Special Education Teachers, Preschool	25	26	1	4.0%	1	1	2	Bachelor's degree	None	None	
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,005	1,034	29	2.9%	34	34	82	Bachelor's degree	None	None	
25-2057	Special Education Teachers, Middle School	474	488	14	3.0%	16	16	39	Bachelor's degree	None	None	
25-2058	Special Education Teachers, Secondary School	561	577	16	2.9%	20	20	48	Bachelor's degree	None	None	
25-2059	Special Education Teachers, All Other	150	154	4	2.7%	5	5	12	Bachelor's degree	None	None	
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	290	297	7	2.4%	17	14	35	Bachelor's degree	None	None	
25-3021	Self-Enrichment Education Teachers	1,268	1,499	231	18.2%	80	64	260	HS diploma /equivalent	Less than 5 yrs.	None	
25-3031	Substitute Teachers, Short-Term	2,487	2,570	83	3.3%	148	118	308	Bachelor's degree	None	None	
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	693	732	39	5.6%	42	33	95	Bachelor's degree	None	None	
25-4011	Archivists	n	n	n	n	n	n	n	Master's degree	None	None	
25-4012	Curators	66	90	24	36.4%	4	4	20	Master's degree	None	None	
25-4013	Museum Technicians and Conservators	n	n	n	n	n	n	n	Bachelor's degree	None	None	
25-4022	Librarians and Media Collections Specialists	1,021	1,037	16	1.6%	49	41	98	Bachelor's degree	None	None	
25-4031	Library Technicians	627	621	-6	-1.0%	54	35	86	Postsec. non-degree award	None	None	
25-9021	Farm and Home Management Advisors	n	n	n	n	n	n	n	Master's degree	None	None	
25-9031	Instructional Coordinators	692	710	18	2.6%	30	28	67	Master's degree	5 yrs. or more	None	
25-9044	Teaching Assistants, Postsecondary	59	57	-2	-3.4%	2	2	3	Bachelor's degree	None	None	
25-9045	Teaching Assistants, Except Postsecondary	8,813	9,140	327	3.7%	464	392	1,020	Some college, no degree	None	None	
25-9099	Education, Training, and Library Workers, All Other	258	267	9	3.5%	11	10	25	Bachelor's degree	None	None	
27-0000	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	<b>8,040</b>	<b>8,941</b>	<b>901</b>	<b>11.2%</b>	<b>331</b>	<b>505</b>	<b>1,287</b>				
27-1011	Art Directors	190	205	15	7.9%	10	10	28	Bachelor's degree	5 yrs. or more	None	
27-1012	Craft Artists	83	92	9	10.8%	4	4	12	No formal education	None	Long-term OJT	
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	100	106	6	6.0%	5	5	13	Bachelor's degree	None	Long-term OJT	
27-1014	Multimedia Artists and Animators	51	54	3	5.9%	2	2	6	Bachelor's degree	None	None	
27-1019	Artists and Related Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Long-term OJT	
27-1021	Commercial and Industrial Designers	124	128	4	3.2%	4	7	13	Bachelor's degree	None	None	
27-1022	Fashion Designers	114	124	10	8.8%	4	6	15	Bachelor's degree	None	None	
27-1023	Floral Designers	175	174	-1	-0.6%	6	10	16	HS diploma /equivalent	None	Moderate-term OJT	
27-1024	Graphic Designers	908	955	47	5.2%	29	52	105	Bachelor's degree	None	None	
27-1025	Interior Designers	235	246	11	4.7%	8	14	28	Bachelor's degree	None	None	
27-1026	Merchandise Displayers and Window Trimmers	446	468	22	4.9%	14	25	50	HS diploma /equivalent	None	Short-term OJT	
27-1027	Set and Exhibit Designers	41	46	5	12.2%	2	2	6	Bachelor's degree	None	None	
27-1029	Designers, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None	
27-2011	Actors	n	n	n	n	n	n	n	Some college, no degree	None	Long-term OJT	
27-2012	Producers and Directors	189	230	41	21.7%	4	13	37	Bachelor's degree	Less than 5 yrs.	None	
27-2022	Coaches and Scouts	1,136	1,384	248	21.8%	75	96	295	Bachelor's degree	None	None	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
27-2023	Umpires, Referees, and Other Sports Officials	127	194	67	52.8%	10	12	56	HS diploma /equivalent	None	Moderate-term OJT	
27-2032	Choreographers	n	n	n	n	n	n	n	HS diploma /equivalent	5 yrs. or more	Long-term OJT	
27-2041	Music Directors and Composers	123	153	30	24.4%	8	7	30	Bachelor's degree	Less than 5 yrs.	None	
27-2042	Musicians and Singers	256	310	54	21.1%	16	14	57	No formal education	None	Long-term OJT	
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	48	80	32	66.7%	3	4	23	No formal education	None	Short-term OJT	
27-3011	Radio and Television Announcers	131	127	-4	-3.1%	5	8	11	Bachelor's degree	None	None	
27-3023	News Analysts, Reporters, and Journalists	192	185	-7	-3.6%	6	14	16	Bachelor's degree	None	None	
27-3031	Public Relations Specialists	1,011	1,115	104	10.3%	28	66	146	Bachelor's degree	None	None	
27-3041	Editors	342	345	3	0.9%	10	22	34	Bachelor's degree	Less than 5 yrs.	None	
27-3042	Technical Writers	178	180	2	1.1%	6	10	17	Bachelor's degree	Less than 5 yrs.	Short-term OJT	
27-3043	Writers and Authors	703	765	62	8.8%	30	37	98	Bachelor's degree	None	Long-term OJT	
27-3091	Interpreters and Translators	231	255	24	10.4%	10	11	33	Bachelor's degree	None	None	
27-3099	Media and Communication Workers, All Other	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
27-4011	Audio and Video Equipment Technicians	97	110	13	13.4%	4	7	17	Postsec. non-degree award	None	Short-term OJT	
27-4012	Broadcast Technicians	82	84	2	2.4%	2	6	9	Associate's degree	None	Short-term OJT	
27-4014	Sound Engineering Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	Short-term OJT	
27-4021	Photographers	362	390	28	7.7%	14	18	46	HS diploma /equivalent	None	Moderate-term OJT	
27-4031	Camera Operators, Television, Video, and Motion Picture	122	128	6	4.9%	3	7	13	Bachelor's degree	None	None	
27-4032	Film and Video Editors	n	n	n	n	n	n	n	Bachelor's degree	None	None	
27-4098	Lighting Technicians and Media and Communication Equipment Workers, All Other	51	66	15	29.4%	2	4	14	HS diploma /equivalent	None	Short-term OJT	
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>37,475</b>	<b>40,587</b>	<b>3,112</b>	<b>8.3%</b>	<b>982</b>	<b>983</b>	<b>3,523</b>				
29-1011	Chiropractors	156	180	24	15.4%	2	2	16	Doctoral/professional degree	None	None	
29-1021	Dentists, General	456	523	67	14.7%	10	4	48	Doctoral/professional degree	None	None	
29-1022	Oral and Maxillofacial Surgeons	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency	
29-1023	Orthodontists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency	
29-1024	Prosthodontists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency	
29-1029	Dentists, All Other Specialists	n	n	n	n	n	n	n	Doctoral/professional degree	None	Internship/residency	
29-1031	Dietitians and Nutritionists	306	334	28	9.2%	10	9	33	Bachelor's degree	None	Internship/residency	
29-1041	Optometrists	203	233	30	14.8%	4	2	21	Doctoral/professional degree	None	None	
29-1051	Pharmacists	1,159	1,182	23	2.0%	24	20	56	Doctoral/professional degree	None	None	
29-1071	Physician Assistants	608	729	121	19.9%	10	24	94	Master's degree	None	None	
29-1081	Podiatrists	29	33	4	13.8%	0	1	3	Doctoral/professional degree	None	Internship/residency	
29-1122	Occupational Therapists	902	992	90	10.0%	22	28	95	Master's degree	None	None	
29-1123	Physical Therapists	1,201	1,347	146	12.2%	24	24	121	Doctoral/professional degree	None	None	
29-1124	Radiation Therapists	91	94	3	3.3%	2	2	6	Associate's degree	None	None	
29-1125	Recreational Therapists	44	45	1	2.3%	1	1	2	Bachelor's degree	None	None	
29-1126	Respiratory Therapists	415	442	27	6.5%	10	8	32	Associate's degree	None	None	
29-1127	Speech-Language Pathologists	703	771	68	9.7%	16	22	72	Master's degree	None	Internship/residency	
29-1128	Exercise Physiologists	103	114	11	10.7%	3	3	12	Bachelor's degree	None	None	
29-1129	Therapists, All Other	n	n	n	n	n	n	n	Bachelor's degree	None	None	
29-1131	Veterinarians	547	593	46	8.4%	10	8	41	Doctoral/professional degree	None	None	
29-1141	Registered Nurses	13,247	13,962	715	5.4%	369	283	1,010	Bachelor's degree	None	None	
29-1151	Nurse Anesthetists	154	176	22	14.3%	3	5	19	Master's degree	None	None	
29-1161	Nurse Midwives	60	69	9	15.0%	2	2	8	Master's degree	None	None	
29-1171	Nurse Practitioners	994	1,225	231	23.2%	23	32	171	Master's degree	None	None	
29-1181	Audiologists	60	69	9	15.0%	2	2	8	Doctoral/professional degree	None	None	
29-1211	Anesthesiologists	113	128	15	13.3%	2	2	12	Doctoral/professional degree	None	Internship/residency	
29-1215	Family Medicine Physicians	751	853	102	13.6%	13	8	72	Doctoral/professional degree	None	Internship/residency	
29-1216	General Internal Medicine Physicians	139	159	20	14.4%	2	2	14	Doctoral/professional degree	None	Internship/residency	
29-1218	Obstetricians and Gynecologists	94	107	13	13.8%	2	1	9	Doctoral/professional degree	None	Internship/residency	
29-1221	Pediatricians, General	232	263	31	13.4%	4	2	22	Doctoral/professional degree	None	Internship/residency	
29-1223	Psychiatrists	111	129	18	16.2%	2	2	13	Doctoral/professional degree	None	Internship/residency	
29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	1,149	1,289	140	12.2%	20	13	103	Doctoral/professional degree	None	Internship/residency	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
	Total, All Occupations	617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
29-1248	Surgeons, Except Ophthalmologists	415	466	51	12.3%	7	4	37	Doctoral/professional degree	None	Internship/residency	
29-1292	Dental Hygienists	1,343	1,556	213	15.9%	56	30	192	Associate's degree	None	None	
29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	220	238	18	8.2%	7	4	20	Master's degree	None	None	
29-2010	Clinical Laboratory Technologists and Technicians	680	706	26	3.8%	18	20	51	Bachelor's degree	None	None	
29-2031	Cardiovascular Technologists and Technicians	308	319	11	3.6%	8	8	22	Associate's degree	None	None	
29-2032	Diagnostic Medical Sonographers	232	249	17	7.3%	6	6	20	Associate's degree	None	None	
29-2033	Nuclear Medicine Technologists	63	65	2	3.2%	2	2	5	Associate's degree	None	None	
29-2034	Radiologic Technologists	979	1,043	64	6.5%	24	24	80	Associate's degree	None	None	
29-2035	Magnetic Resonance Imaging Technologists	305	328	23	7.5%	8	8	28	Associate's degree	Less than 5 yrs.	None	
29-2040	Emergency Medical Technicians and Paramedics	1,078	1,192	114	10.6%	19	46	122	Postsec. non-degree award	None	None	
29-2051	Dietetic Technicians	77	80	3	3.9%	2	4	8	Associate's degree	None	None	
29-2052	Pharmacy Technicians	1,686	1,760	74	4.4%	49	78	164	HS diploma /equivalent	None	Moderate-term OJT	
29-2053	Psychiatric Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	Less than 5 yrs.	Short-term OJT	
29-2055	Surgical Technologists	418	439	21	5.0%	12	20	42	Postsec. non-degree award	None	None	
29-2056	Veterinary Technologists and Technicians	779	833	54	6.9%	23	37	87	Associate's degree	None	None	
29-2057	Ophthalmic Medical Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	None	
29-2061	Licensed Practical and Licensed Vocational Nurses	1,893	2,001	108	5.7%	64	70	188	Postsec. non-degree award	None	None	
29-2081	Opticians, Dispensing	390	440	50	12.8%	17	12	54	HS diploma /equivalent	None	Long-term OJT	
29-2091	Orthotists and Prosthetists	34	37	3	8.8%	1	2	5	Master's degree	None	Internship/residency	
29-2092	Hearing Aid Specialists	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	1,194	1,279	85	7.1%	36	51	129	Postsec. non-degree award	None	None	
29-9091	Athletic Trainers	209	239	30	14.4%	4	6	25	Bachelor's degree	None	None	
29-9092	Genetic Counselors	n	n	n	n	n	n	n	Master's degree	None	None	
29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners, All Other	380	409	29	7.6%	8	12	34	Postsec. non-degree award	None	None	
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>22,981</b>	<b>25,118</b>	<b>2,137</b>	<b>9.3%</b>	<b>1,278</b>	<b>1,260</b>	<b>3,608</b>				
31-1120	Home Health and Personal Care Aides	7,101	7,894	793	11.2%	462	382	1,240	HS diploma /equivalent	None	Short-term OJT	
31-1131	Nursing Assistants	7,729	7,989	260	3.4%	422	382	934	Postsec. non-degree award	None	None	
31-1132	Orderlies	113	118	5	4.4%	6	6	14	HS diploma /equivalent	None	Short-term OJT	
31-1133	Psychiatric Aides	352	364	12	3.4%	19	18	43	HS diploma /equivalent	None	Short-term OJT	
31-2011	Occupational Therapy Assistants	180	207	27	15.0%	8	10	32	Associate's degree	None	None	
31-2012	Occupational Therapy Aides	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
31-2021	Physical Therapist Assistants	292	334	42	14.4%	12	20	53	Associate's degree	None	None	
31-2022	Physical Therapist Aides	116	131	15	12.9%	5	8	21	HS diploma /equivalent	None	Short-term OJT	
31-9011	Massage Therapists	1,386	1,697	311	22.4%	89	66	311	Postsec. non-degree award	None	None	
31-9091	Dental Assistants	1,180	1,371	191	16.2%	55	73	224	Postsec. non-degree award	None	None	
31-9092	Medical Assistants	2,478	2,843	365	14.7%	102	162	446	Postsec. non-degree award	None	None	
31-9093	Medical Equipment Preparers	317	328	11	3.5%	17	17	40	HS diploma /equivalent	None	Moderate-term OJT	
31-9094	Medical Transcriptionists	252	263	11	4.4%	14	17	37	Postsec. non-degree award	None	None	
31-9095	Pharmacy Aides	108	106	-2	-1.9%	5	6	10	HS diploma /equivalent	None	Short-term OJT	
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	357	380	23	6.4%	18	35	65	HS diploma /equivalent	None	Short-term OJT	
31-9097	Phlebotomists	687	739	52	7.6%	26	40	92	Postsec. non-degree award	None	None	
31-9099	Healthcare Support Workers, All Other	327	348	21	6.4%	18	18	46	HS diploma /equivalent	None	None	
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>11,314</b>	<b>11,714</b>	<b>400</b>	<b>3.5%</b>	<b>453</b>	<b>576</b>	<b>1,230</b>				
33-1011	First-Line Supervisors of Correctional Officers	91	90	-1	-1.1%	2	4	6	HS diploma /equivalent	Less than 5 yrs.	None	
33-1012	First-Line Supervisors of Police and Detectives	552	563	11	2.0%	14	20	40	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	442	457	15	3.4%	10	16	34	Postsec. non-degree award	Less than 5 yrs.	Moderate-term OJT	
33-1090	Miscellaneous First-Line Supervisors, Protective Service Workers	167	183	16	9.6%	6	9	23	HS diploma /equivalent	Less than 5 yrs.	None	
33-2011	Firefighters	2,388	2,447	59	2.5%	49	106	185	Postsec. non-degree award	None	Long-term OJT	
33-2021	Fire Inspectors and Investigators	38	38	0	0.0%	2	2	4	Postsec. non-degree award	5 yrs. or more	Moderate-term OJT	
33-2022	Forest Fire Inspectors and Prevention Specialists	35	37	2	5.7%	2	2	5	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
33-3011	Bailiffs	36	36	0	0.0%	2	2	4	HS diploma /equivalent	None	Moderate-term OJT	

Short-term Occupational Projections, 2020 Q2 to 2022 Q2

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
33-3012	Correctional Officers and Jailers	1,092	1,084	-8	-0.7%	44	50	90	HS diploma /equivalent	None	Moderate-term OJT	
33-3021	Detectives and Criminal Investigators	373	379	6	1.6%	8	15	26	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
33-3031	Fish and Game Wardens	46	46	0	0.0%	2	2	4	Bachelor's degree	None	Moderate-term OJT	
33-3041	Parking Enforcement Workers	52	50	-2	-3.8%	2	2	3	HS diploma /equivalent	None	Short-term OJT	
33-3051	Police and Sheriff's Patrol Officers	2,845	2,894	49	1.7%	69	122	215	HS diploma /equivalent	None	Moderate-term OJT	
33-9011	Animal Control Workers	42	43	1	2.4%	2	2	4	HS diploma /equivalent	None	Moderate-term OJT	
33-9021	Private Detectives and Investigators	144	146	2	1.4%	4	8	13	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
33-9032	Security Guards	1,989	2,100	111	5.6%	104	140	300	HS diploma /equivalent	None	Short-term OJT	
33-9091	Crossing Guards	410	459	49	12.0%	55	18	97	No formal education	None	Short-term OJT	
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	206	262	56	27.2%	34	24	86	No formal education	None	Short-term OJT	
33-9093	Transportation Security Screeners	112	112	0	0.0%	4	5	9	HS diploma /equivalent	None	Short-term OJT	
33-9098	School Bus Monitors and Protective Service Workers, All Other	254	288	34	13.4%	38	27	82	HS diploma /equivalent	None	Short-term OJT	
35-0000	<b>Food Preparation and Serving Related Occupations</b>	<b>38,178</b>	<b>58,095</b>	<b>19,917</b>	<b>52.2%</b>	<b>3,382</b>	<b>4,342</b>	<b>17,684</b>				
35-1011	Chefs and Head Cooks	549	815	266	48.5%	21	57	211	HS diploma /equivalent	5 yrs. or more	None	
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	2,616	3,868	1,252	47.9%	144	300	1,070	HS diploma /equivalent	Less than 5 yrs.	None	
35-2011	Cooks, Fast Food	1,076	1,691	615	57.2%	74	104	486	No formal education	None	Short-term OJT	
35-2012	Cooks, Institution and Cafeteria	1,318	1,465	147	11.2%	74	106	254	No formal education	None	Short-term OJT	
35-2014	Cooks, Restaurant	3,761	6,462	2,701	71.8%	274	386	2,010	No formal education	Less than 5 yrs.	Moderate-term OJT	
35-2015	Cooks, Short Order	1,503	2,277	774	51.5%	102	143	632	No formal education	None	Short-term OJT	
35-2019	Cooks, All Other	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT	
35-2021	Food Preparation Workers	2,351	3,086	735	31.3%	198	234	800	No formal education	None	Short-term OJT	
35-3011	Bartenders	2,858	4,313	1,455	50.9%	157	401	1,286	No formal education	None	Short-term OJT	
35-3023	Fast Food and Counter Workers	9,537	14,310	4,773	50.0%	1,112	1,062	4,560	No formal education	None	Short-term OJT	
35-3031	Waiters and Waitresses	7,488	12,204	4,716	63.0%	684	1,038	4,080	No formal education	None	Short-term OJT	
35-3041	Food Servers, Nonrestaurant	1,059	1,127	68	6.4%	82	78	194	No formal education	None	Short-term OJT	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	1,125	1,794	669	59.5%	120	112	566	No formal education	None	Short-term OJT	
35-9021	Dishwashers	1,655	2,556	901	54.4%	158	152	760	No formal education	None	Short-term OJT	
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,161	1,940	779	67.1%	170	157	717	No formal education	None	Short-term OJT	
35-9099	Food Preparation and Serving Related Workers, All Other	116	179	63	54.3%	12	12	56	No formal education	None	Short-term OJT	
37-0000	<b>Building and Grounds Cleaning and Maintenance Occupations</b>	<b>22,231</b>	<b>25,833</b>	<b>3,602</b>	<b>16.2%</b>	<b>1,298</b>	<b>1,556</b>	<b>4,653</b>				
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	848	981	133	15.7%	38	56	160	HS diploma /equivalent	Less than 5 yrs.	None	
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,064	1,249	185	17.4%	40	70	202	HS diploma /equivalent	Less than 5 yrs.	None	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	9,724	10,711	987	10.2%	624	618	1,736	No formal education	None	Short-term OJT	
37-2012	Maids and Housekeeping Cleaners	3,181	4,231	1,050	33.0%	256	202	983	No formal education	None	Short-term OJT	
37-2019	Building Cleaning Workers, All Other	82	93	11	13.4%	6	6	18	No formal education	None	Short-term OJT	
37-2021	Pest Control Workers	281	310	29	10.3%	9	28	51	HS diploma /equivalent	None	Moderate-term OJT	
37-3011	Landscaping and Groundskeeping Workers	6,479	7,616	1,137	17.5%	299	530	1,397	No formal education	None	Short-term OJT	
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	120	141	21	17.5%	6	10	26	HS diploma /equivalent	None	Moderate-term OJT	
37-3013	Tree Trimmers and Pruners	415	463	48	11.6%	18	33	75	HS diploma /equivalent	None	Short-term OJT	
37-3019	Grounds Maintenance Workers, All Other	37	38	1	2.7%	2	3	5	No formal education	None	Short-term OJT	
39-0000	<b>Personal Care and Service Occupations</b>	<b>13,255</b>	<b>17,975</b>	<b>4,720</b>	<b>35.6%</b>	<b>1,009</b>	<b>1,107</b>	<b>4,477</b>				
39-1013	First-Line Supervisors of Gambling Services Workers	44	65	21	47.7%	2	5	17	HS diploma /equivalent	Less than 5 yrs.	None	
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation Workers, Exc Gambling Services	927	1,209	282	30.4%	43	48	232	HS diploma /equivalent	Less than 5 yrs.	None	
39-2011	Animal Trainers	133	176	43	32.3%	8	12	42	HS diploma /equivalent	None	Moderate-term OJT	
39-2021	Nonfarm Animal Caretakers	1,074	1,544	470	43.8%	88	100	423	HS diploma /equivalent	None	Short-term OJT	
39-3011	Gaming Dealers	173	309	136	78.6%	15	20	103	HS diploma /equivalent	None	Short-term OJT	
39-3021	Motion Picture Projectionists	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	78	140	62	79.5%	14	10	55	No formal education	None	Short-term OJT	
39-3091	Amusement and Recreation Attendants	919	1,610	691	75.2%	128	135	609	No formal education	None	Short-term OJT	
39-3092	Costume Attendants	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
39-3099	Entertainment Attendants and Related Workers, All Other	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	



**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
39-4011	Embalmers	n	n	n	n	n	n	n	Associate's degree	None	Long-term OJT	
39-4021	Funeral Attendants	57	98	41	71.9%	8	4	32	HS diploma /equivalent	None	Short-term OJT	
39-4031	Morticians, Undertakers, and Funeral Directors	62	104	42	67.7%	4	5	30	Associate's degree	None	Long-term OJT	
39-5011	Barbers	498	573	75	15.1%	24	28	90	Postsec. non-degree award	None	None	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,601	3,573	972	37.4%	179	163	828	Postsec. non-degree award	None	None	
39-5092	Manicurists and Pedicurists	355	578	223	62.8%	25	22	159	Postsec. non-degree award	None	None	
39-5093	Shampooers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
39-5094	Skincare Specialists	237	372	135	57.0%	16	14	98	Postsec. non-degree award	None	None	
39-6011	Baggage Porters and Bellhops	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
39-6012	Concierges	23	30	7	30.4%	2	2	8	HS diploma /equivalent	None	Moderate-term OJT	
39-7010	Tour and Travel Guides	141	223	82	58.2%	14	16	71	HS diploma /equivalent	None	Moderate-term OJT	
39-9011	Childcare Workers	2,309	2,587	278	12.0%	182	154	475	HS diploma /equivalent	None	Short-term OJT	
39-9031	Fitness Trainers and Aerobics Instructors	1,190	1,928	738	62.0%	96	138	603	HS diploma /equivalent	None	Short-term OJT	
39-9032	Recreation Workers	2,068	2,412	344	16.6%	139	199	510	HS diploma /equivalent	None	Short-term OJT	
39-9041	Residential Advisors	278	301	23	8.3%	16	24	52	HS diploma /equivalent	None	Short-term OJT	
39-9098	Crematory Operators and Personal Care and Service Workers, All Other	36	53	17	47.2%	2	3	13	HS diploma /equivalent	None	Short-term OJT	
41-0000	<b>Sales and Related Occupations</b>	<b>69,121</b>	<b>74,177</b>	<b>5,056</b>	<b>7.3%</b>	<b>3,808</b>	<b>5,167</b>	<b>11,501</b>				
41-1011	First-Line Supervisors of Retail Sales Workers	6,723	7,321	598	8.9%	240	441	980	HS diploma /equivalent	Less than 5 yrs.	None	
41-1012	First-Line Supervisors of Non-Retail Sales Workers	2,318	2,398	80	3.5%	70	124	234	HS diploma /equivalent	Less than 5 yrs.	None	
41-2011	Cashiers	18,967	20,109	1,142	6.0%	1,646	1,650	3,867	No formal education	None	Short-term OJT	
41-2012	Gaming Change Persons and Booth Cashiers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
41-2021	Counter and Rental Clerks	1,793	2,214	421	23.5%	90	127	427	No formal education	None	Short-term OJT	
41-2022	Parts Salespersons	1,231	1,337	106	8.6%	53	86	192	No formal education	None	Moderate-term OJT	
41-2031	Retail Salespersons	18,647	20,816	2,169	11.6%	1,106	1,478	3,668	No formal education	None	Short-term OJT	
41-3011	Advertising Sales Agents	394	384	-10	-2.5%	11	33	39	HS diploma /equivalent	None	Moderate-term OJT	
41-3021	Insurance Sales Agents	2,581	2,594	13	0.5%	86	130	222	HS diploma /equivalent	None	Moderate-term OJT	
41-3031	Securities, Commodities, and Financial Services Sales Agents	1,298	1,321	23	1.8%	31	76	119	Bachelor's degree	None	Moderate-term OJT	
41-3041	Travel Agents	192	188	-4	-2.1%	10	12	20	HS diploma /equivalent	None	Moderate-term OJT	
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	3,880	4,193	313	8.1%	108	322	586	HS diploma /equivalent	None	Moderate-term OJT	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	2,547	2,573	26	1.0%	75	154	242	Bachelor's degree	None	Moderate-term OJT	
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	6,490	6,561	71	1.1%	192	394	622	HS diploma /equivalent	None	Moderate-term OJT	
41-9011	Demonstrators and Product Promoters	172	181	9	5.2%	20	10	34	No formal education	None	Short-term OJT	
41-9012	Models	n	n	n	n	n	n	n	No formal education	None	None	
41-9021	Real Estate Brokers	154	171	17	11.0%	6	6	20	HS diploma /equivalent	Less than 5 yrs.	None	
41-9022	Real Estate Sales Agents	494	552	58	11.7%	22	22	73	HS diploma /equivalent	None	Moderate-term OJT	
41-9031	Sales Engineers	508	511	3	0.6%	10	38	50	Bachelor's degree	None	Moderate-term OJT	
41-9041	Telemarketers	398	392	-6	-1.5%	16	38	51	No formal education	None	Short-term OJT	
41-9099	Sales and Related Workers, All Other	317	334	17	5.4%	14	24	46	HS diploma /equivalent	None	None	
43-0000	<b>Office and Administrative Support Occupations</b>	<b>88,008</b>	<b>92,557</b>	<b>4,549</b>	<b>5.2%</b>	<b>4,363</b>	<b>5,081</b>	<b>11,719</b>				
43-1011	First-Line Supervisors of Office and Administrative Support Workers	7,208	7,539	331	4.6%	274	416	856	HS diploma /equivalent	Less than 5 yrs.	None	
43-2011	Switchboard Operators, Including Answering Service	310	304	-6	-1.9%	15	16	28	HS diploma /equivalent	None	Short-term OJT	
43-2021	Telephone Operators	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
43-3011	Bill and Account Collectors	1,115	1,112	-3	-0.3%	40	78	116	HS diploma /equivalent	None	Moderate-term OJT	
43-3021	Billing and Posting Clerks	2,171	2,279	108	5.0%	90	124	268	HS diploma /equivalent	None	Moderate-term OJT	
43-3031	Bookkeeping, Accounting, and Auditing Clerks	7,781	8,215	434	5.6%	481	364	1,062	Some college, no degree	None	Moderate-term OJT	
43-3051	Payroll and Timekeeping Clerks	666	690	24	3.6%	32	34	78	HS diploma /equivalent	None	Moderate-term OJT	
43-3061	Procurement Clerks	281	284	3	1.1%	8	16	26	HS diploma /equivalent	None	Moderate-term OJT	
43-3071	Tellers	1,663	1,607	-56	-3.4%	72	100	144	HS diploma /equivalent	None	Short-term OJT	
43-3099	Financial Clerks, All Other	110	114	4	3.6%	4	8	14	HS diploma /equivalent	None	Short-term OJT	
43-4011	Brokerage Clerks	431	442	11	2.6%	14	27	47	HS diploma /equivalent	None	Moderate-term OJT	
43-4021	Correspondence Clerks	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
43-4031	Court, Municipal, and License Clerks	481	490	9	1.9%	22	21	47	HS diploma /equivalent	None	Long-term OJT	
43-4041	Credit Authorizers, Checkers, and Clerks	116	119	3	2.6%	4	7	13	HS diploma /equivalent	None	Moderate-term OJT	
43-4051	Customer Service Representatives	11,060	11,325	265	2.4%	520	812	1,464	HS diploma /equivalent	None	Short-term OJT	
43-4061	Eligibility Interviewers, Government Programs	564	574	10	1.8%	22	28	55	HS diploma /equivalent	None	Moderate-term OJT	
43-4071	File Clerks	301	301	0	0.0%	17	16	33	HS diploma /equivalent	None	Short-term OJT	
43-4081	Hotel, Motel, and Resort Desk Clerks	732	1,367	635	86.7%	54	104	476	HS diploma /equivalent	None	Short-term OJT	
43-4111	Interviewers, Except Eligibility and Loan	1,422	1,487	65	4.6%	84	84	200	HS diploma /equivalent	None	Short-term OJT	
43-4121	Library Assistants, Clerical	880	881	1	0.1%	71	54	125	HS diploma /equivalent	None	Short-term OJT	
43-4131	Loan Interviewers and Clerks	802	815	13	1.6%	27	44	77	HS diploma /equivalent	None	Short-term OJT	
43-4141	New Accounts Clerks	487	469	-18	-3.7%	19	28	38	HS diploma /equivalent	None	Moderate-term OJT	
43-4151	Order Clerks	546	546	0	0.0%	24	34	58	Some college, no degree	None	Short-term OJT	
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	612	635	23	3.8%	24	38	74	Associate's degree	None	None	
43-4171	Receptionists and Information Clerks	4,219	5,009	790	18.7%	260	294	949	HS diploma /equivalent	None	Short-term OJT	
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	161	265	104	64.6%	8	14	74	HS diploma /equivalent	None	Short-term OJT	
43-4199	Information and Record Clerks, All Other	304	312	8	2.6%	14	18	36	HS diploma /equivalent	None	Short-term OJT	
43-5011	Cargo and Freight Agents	240	255	15	6.3%	10	12	30	HS diploma /equivalent	None	Short-term OJT	
43-5021	Couriers and Messengers	406	439	33	8.1%	17	20	53	HS diploma /equivalent	None	Short-term OJT	
43-5031	Police, Fire, and Ambulance Dispatchers	660	671	11	1.7%	23	34	63	HS diploma /equivalent	None	Moderate-term OJT	
43-5032	Dispatchers, Except Police, Fire, and Ambulance	600	640	40	6.7%	22	31	73	HS diploma /equivalent	None	Moderate-term OJT	
43-5041	Meter Readers, Utilities	45	45	0	0.0%	2	2	4	HS diploma /equivalent	None	Short-term OJT	
43-5051	Postal Service Clerks	568	566	-2	-0.4%	24	18	41	HS diploma /equivalent	None	Short-term OJT	
43-5052	Postal Service Mail Carriers	1,539	1,533	-6	-0.4%	55	48	100	HS diploma /equivalent	None	Short-term OJT	
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	632	623	-9	-1.4%	31	18	45	HS diploma /equivalent	None	Short-term OJT	
43-5061	Production, Planning, and Expediting Clerks	1,528	1,548	20	1.3%	54	90	154	HS diploma /equivalent	None	Moderate-term OJT	
43-5071	Shipping, Receiving, and Traffic Clerks	3,017	3,061	44	1.5%	103	168	293	HS diploma /equivalent	None	Short-term OJT	
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	227	247	20	8.8%	10	12	32	HS diploma /equivalent	None	Short-term OJT	
43-6011	Executive Secretaries and Executive Administrative Assistants	1,533	1,506	-27	-1.8%	78	77	141	HS diploma /equivalent	Less than 5 yrs.	None	
43-6012	Legal Secretaries	556	535	-21	-3.8%	28	28	46	HS diploma /equivalent	None	Moderate-term OJT	
43-6013	Medical Secretaries	3,331	3,735	404	12.1%	182	179	563	HS diploma /equivalent	None	Moderate-term OJT	
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	10,231	10,567	336	3.3%	534	526	1,228	HS diploma /equivalent	None	Short-term OJT	
43-9021	Data Entry Keyers	996	980	-16	-1.6%	42	56	90	HS diploma /equivalent	None	Short-term OJT	
43-9022	Word Processors and Typists	104	101	-3	-2.9%	6	6	10	HS diploma /equivalent	None	Short-term OJT	
43-9031	Desktop Publishers	43	42	-1	-2.3%	2	2	4	Associate's degree	None	Short-term OJT	
43-9041	Insurance Claims and Policy Processing Clerks	1,232	1,204	-28	-2.3%	43	66	95	HS diploma /equivalent	None	Moderate-term OJT	
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	296	298	2	0.7%	14	17	32	HS diploma /equivalent	None	Short-term OJT	
43-9061	Office Clerks, General	14,802	15,755	953	6.4%	837	832	2,145	HS diploma /equivalent	None	Short-term OJT	
43-9071	Office Machine Operators, Except Computer	410	416	6	1.5%	20	22	45	HS diploma /equivalent	None	Short-term OJT	
43-9081	Proofreaders and Copy Markers	51	49	-2	-3.9%	3	3	5	Bachelor's degree	None	None	
43-9111	Statistical Assistants	49	50	1	2.0%	2	4	6	Bachelor's degree	None	None	
43-9199	Office and Administrative Support Workers, All Other	451	473	22	4.9%	20	28	59	HS diploma /equivalent	None	Short-term OJT	
45-0000	Farming, Fishing, and Forestry Occupations	1,909	2,001	92	4.8%	78	201	323				
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	110	115	5	4.5%	4	11	17	HS diploma /equivalent	Less than 5 yrs.	None	
45-2011	Agricultural Inspectors	n	n	n	n	n	n	n	Bachelor's degree	None	Moderate-term OJT	
45-2021	Animal Breeders	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
45-2041	Graders and Sorters, Agricultural Products	17	18	1	5.9%	0	2	2	No formal education	None	Short-term OJT	
45-2091	Agricultural Equipment Operators	84	88	4	4.8%	4	9	15	No formal education	None	Moderate-term OJT	
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	831	880	49	5.9%	35	89	148	No formal education	None	Short-term OJT	
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	421	449	28	6.7%	18	46	78	No formal education	None	Short-term OJT	
45-2099	Agricultural Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
45-4011	Forest and Conservation Workers	28	32	4	14.3%	1	3	6	HS diploma /equivalent	None	Moderate-term OJT	
45-4021	Fallers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
45-4022	Logging Equipment Operators	298	299	1	0.3%	12	30	42	HS diploma /equivalent	None	Moderate-term OJT	

Short-term Occupational Projections, 2020 Q2 to 2022 Q2

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
45-4023	Log Graders and Scalers	89	88	-1	-1.1%	4	9	13	HS diploma /equivalent	None	Moderate-term OJT	
47-0000	<b>Construction and Extraction Occupations</b>	<b>24,923</b>	<b>26,508</b>	<b>1,585</b>	<b>6.4%</b>	<b>771</b>	<b>1,627</b>	<b>3,188</b>				
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	2,650	2,780	130	4.9%	76	164	305	HS diploma /equivalent	5 yrs. or more	None	
47-2011	Boilermakers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Apprenticeship	
47-2021	Brickmasons and Blockmasons	301	318	17	5.6%	10	18	36	HS diploma /equivalent	None	Apprenticeship	
47-2022	Stonemasons	193	209	16	8.3%	6	12	26	HS diploma /equivalent	None	Apprenticeship	
47-2031	Carpenters	4,304	4,585	281	6.5%	128	260	528	HS diploma /equivalent	None	Apprenticeship	
47-2041	Carpet Installers	75	83	8	10.7%	2	4	10	No formal education	None	Short-term OJT	
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT	
47-2043	Floor Sanders and Finishers	76	84	8	10.5%	2	4	10	No formal education	None	Moderate-term OJT	
47-2044	Tile and Marble Setters	126	138	12	9.5%	4	8	18	No formal education	None	Long-term OJT	
47-2051	Cement Masons and Concrete Finishers	244	261	17	7.0%	6	16	30	No formal education	None	Moderate-term OJT	
47-2061	Construction Laborers	3,793	4,078	285	7.5%	116	250	508	No formal education	None	Short-term OJT	
47-2071	Paving, Surfacing, and Tamping Equipment Operators	151	158	7	4.6%	6	10	20	HS diploma /equivalent	None	Moderate-term OJT	
47-2072	Pile-Driver Operators	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
47-2073	Operating Engineers and Other Construction Equipment Operators	1,169	1,227	58	5.0%	38	80	147	HS diploma /equivalent	None	Moderate-term OJT	
47-2081	Drywall and Ceiling Tile Installers	285	304	19	6.7%	7	16	33	No formal education	None	Moderate-term OJT	
47-2082	Tapers	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT	
47-2111	Electricians	2,637	2,844	207	7.8%	78	192	374	HS diploma /equivalent	None	Apprenticeship	
47-2121	Glaziers	241	264	23	9.5%	7	18	37	HS diploma /equivalent	None	Apprenticeship	
47-2131	Insulation Workers, Floor, Ceiling, and Wall	304	323	19	6.3%	7	22	39	No formal education	None	Short-term OJT	
47-2132	Insulation Workers, Mechanical	n	n	n	n	n	n	n	HS diploma /equivalent	None	Apprenticeship	
47-2141	Painters, Construction and Maintenance	1,120	1,226	106	9.5%	38	62	153	No formal education	None	Moderate-term OJT	
47-2142	Paperhangers	n	n	n	n	n	n	n	No formal education	None	Long-term OJT	
47-2151	Pipelayers	89	92	3	3.4%	2	6	10	No formal education	None	Short-term OJT	
47-2152	Plumbers, Pipefitters, and Steamfitters	1,755	1,881	126	7.2%	52	121	236	HS diploma /equivalent	None	Apprenticeship	
47-2161	Plasterers and Stucco Masons	69	74	5	7.2%	2	4	8	No formal education	None	Long-term OJT	
47-2171	Reinforcing Iron and Rebar Workers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Apprenticeship	
47-2181	Roofers	273	295	22	8.1%	6	18	35	No formal education	None	Moderate-term OJT	
47-2211	Sheet Metal Workers	489	520	31	6.3%	14	32	62	HS diploma /equivalent	None	Apprenticeship	
47-2221	Structural Iron and Steel Workers	236	253	17	7.2%	6	18	32	HS diploma /equivalent	None	Apprenticeship	
47-2231	Solar Photovoltaic Installers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	88	92	4	4.5%	3	8	13	No formal education	None	Short-term OJT	
47-3012	Helpers--Carpenters	104	109	5	4.8%	4	9	15	No formal education	None	Short-term OJT	
47-3013	Helpers--Electricians	83	87	4	4.8%	2	7	11	HS diploma /equivalent	None	Short-term OJT	
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	171	184	13	7.6%	6	15	27	HS diploma /equivalent	None	Short-term OJT	
47-3016	Helpers--Roofers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
47-3019	Helpers, Construction Trades, All Other	63	68	5	7.9%	2	6	10	No formal education	None	Short-term OJT	
47-4011	Construction and Building Inspectors	437	451	14	3.2%	21	26	54	HS diploma /equivalent	5 yrs. or more	Moderate-term OJT	
47-4021	Elevator Installers and Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Apprenticeship	
47-4031	Fence Erectors	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT	
47-4041	Hazardous Materials Removal Workers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
47-4051	Highway Maintenance Workers	1,651	1,679	28	1.7%	66	98	178	HS diploma /equivalent	None	Moderate-term OJT	
47-4061	Rail-Track Laying and Maintenance Equipment Operators	6	14	8	133.3%	0	0	4	HS diploma /equivalent	None	Moderate-term OJT	
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	183	193	10	5.5%	4	14	23	HS diploma /equivalent	None	Moderate-term OJT	
47-4090	Miscellaneous Construction and Related Workers	89	93	4	4.5%	3	8	13	HS diploma /equivalent	None	Moderate-term OJT	
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	309	322	13	4.2%	12	22	40	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
47-5044	Loading and Moving Machine Operators, Underground Mining	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
47-5081	Helpers--Extraction Workers	59	62	3	5.1%	2	5	9	HS diploma /equivalent	None	Moderate-term OJT	
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters	106	107	1	0.9%	3	8	11	HS diploma /equivalent	Less than 5 yrs.	Long-term OJT	
49-0000	<b>Installation, Maintenance, and Repair Occupations</b>	<b>22,938</b>	<b>25,156</b>	<b>2,218</b>	<b>9.7%</b>	<b>734</b>	<b>1,343</b>	<b>3,183</b>				
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	1,966	2,136	170	8.6%	61	104	250	HS diploma /equivalent	Less than 5 yrs.	None	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
49-2011	Computer, Automated Teller, and Office Machine Repairers	587	606	19	3.2%	17	40	67	Some college, no degree	None	Short-term OJT	
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	n	n	n	n	n	n	n	Associate's degree	None	Moderate-term OJT	
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	723	757	34	4.7%	22	52	91	Postsec. non-degree award	None	Moderate-term OJT	
49-2091	Avionics Technicians	n	n	n	n	n	n	n	Associate's degree	None	None	
49-2092	Electric Motor, Power Tool, and Related Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	n	n	n	n	n	n	n	Postsec. non-degree award	None	Long-term OJT	
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	375	400	25	6.7%	8	18	38	Postsec. non-degree award	None	Long-term OJT	
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	80	81	1	1.3%	2	4	6	Postsec. non-degree award	Less than 5 yrs.	Moderate-term OJT	
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	126	131	5	4.0%	3	9	14	Postsec. non-degree award	None	Short-term OJT	
49-2098	Security and Fire Alarm Systems Installers	319	329	10	3.1%	8	24	37	HS diploma /equivalent	None	Moderate-term OJT	
49-3011	Aircraft Mechanics and Service Technicians	373	380	7	1.9%	11	18	33	Postsec. non-degree award	None	None	
49-3021	Automotive Body and Related Repairers	637	735	98	15.4%	22	35	106	HS diploma /equivalent	None	Long-term OJT	
49-3022	Automotive Glass Installers and Repairers	159	183	24	15.1%	4	11	27	HS diploma /equivalent	None	Moderate-term OJT	
49-3023	Automotive Service Technicians and Mechanics	3,374	3,762	388	11.5%	100	210	504	Postsec. non-degree award	None	Short-term OJT	
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	918	1,028	110	12.0%	26	54	135	HS diploma /equivalent	None	Long-term OJT	
49-3041	Farm Equipment Mechanics and Service Technicians	62	62	0	0.0%	2	4	6	HS diploma /equivalent	None	Long-term OJT	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	526	555	29	5.5%	16	31	61	HS diploma /equivalent	None	Long-term OJT	
49-3043	Rail Car Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Long-term OJT	
49-3051	Motorboat Mechanics and Service Technicians	130	163	33	25.4%	6	8	30	HS diploma /equivalent	None	Long-term OJT	
49-3052	Motorcycle Mechanics	187	208	21	11.2%	8	10	28	Postsec. non-degree award	None	Short-term OJT	
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	225	262	37	16.4%	10	12	40	HS diploma /equivalent	None	Moderate-term OJT	
49-3091	Bicycle Repairers	60	82	22	36.7%	2	5	18	HS diploma /equivalent	None	Moderate-term OJT	
49-3092	Recreational Vehicle Service Technicians	64	72	8	12.5%	2	4	10	HS diploma /equivalent	None	Long-term OJT	
49-3093	Tire Repairers and Changers	511	560	49	9.6%	18	37	79	HS diploma /equivalent	None	Short-term OJT	
49-9011	Mechanical Door Repairers	123	132	9	7.3%	3	6	13	HS diploma /equivalent	None	Moderate-term OJT	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	98	100	2	2.0%	2	5	8	HS diploma /equivalent	None	Moderate-term OJT	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,105	2,234	129	6.1%	57	128	249	Postsec. non-degree award	None	Long-term OJT	
49-9031	Home Appliance Repairers	146	159	13	8.9%	6	8	20	HS diploma /equivalent	None	Moderate-term OJT	
49-9041	Industrial Machinery Mechanics	2,009	2,156	147	7.3%	64	102	240	HS diploma /equivalent	None	Long-term OJT	
49-9043	Maintenance Workers, Machinery	156	164	8	5.1%	6	7	17	HS diploma /equivalent	None	Long-term OJT	
49-9044	Millwrights	45	50	5	11.1%	2	2	6	HS diploma /equivalent	None	Apprenticeship	
49-9051	Electrical Power-Line Installers and Repairers	689	697	8	1.2%	15	37	56	HS diploma /equivalent	None	Long-term OJT	
49-9052	Telecommunications Line Installers and Repairers	274	287	13	4.7%	6	22	34	HS diploma /equivalent	None	Long-term OJT	
49-9061	Camera and Photographic Equipment Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Long-term OJT	
49-9062	Medical Equipment Repairers	134	144	10	7.5%	6	7	18	Associate's degree	None	Moderate-term OJT	
49-9063	Musical Instrument Repairers and Tuners	n	n	n	n	n	n	n	HS diploma /equivalent	None	Apprenticeship	
49-9064	Watch Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Long-term OJT	
49-9069	Precision Instrument and Equipment Repairers, All Other	62	65	3	4.8%	2	3	7	HS diploma /equivalent	None	Long-term OJT	
49-9071	Maintenance and Repair Workers, General	4,324	4,978	654	15.1%	160	240	727	HS diploma /equivalent	None	Moderate-term OJT	
49-9081	Wind Turbine Service Technicians	n	n	n	n	n	n	n	Postsec. non-degree award	None	Long-term OJT	
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	85	103	18	21.2%	4	6	19	HS diploma /equivalent	None	Short-term OJT	
49-9092	Commercial Divers	100	107	7	7.0%	4	6	14	Postsec. non-degree award	None	Moderate-term OJT	
49-9094	Locksmiths and Safe Repairers	85	88	3	3.5%	4	4	10	HS diploma /equivalent	None	Long-term OJT	
49-9095	Manufactured Building and Mobile Home Installers	53	51	-2	-3.8%	1	2	2	HS diploma /equivalent	None	Short-term OJT	
49-9096	Riggers	75	84	9	12.0%	2	5	11	HS diploma /equivalent	None	Moderate-term OJT	
49-9097	Signal and Track Switch Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
49-9098	Helpers--Installation, Maintenance, and Repair Workers	521	568	47	9.0%	28	38	90	HS diploma /equivalent	None	Short-term OJT	
49-9099	Installation, Maintenance, and Repair Workers, All Other	269	304	35	13.0%	11	16	45	HS diploma /equivalent	None	Moderate-term OJT	
51-0000	<b>Production Occupations</b>	<b>39,597</b>	<b>40,457</b>	<b>860</b>	<b>2.2%</b>	<b>1,472</b>	<b>2,521</b>	<b>4,426</b>				
51-1011	First-Line Supervisors of Production and Operating Workers	2,760	2,802	42	1.5%	82	162	265	HS diploma /equivalent	Less than 5 yrs.	None	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
	Total, All Occupations	617,607	678,994	61,387	9.9%	27,216	37,727	95,627				
51-2021	Coil Winders, Tapers, and Finishers	76	68	-8	-10.5%	3	4	3	HS diploma /equivalent	None	Moderate-term OJT	
51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	3,194	3,038	-156	-4.9%	129	174	225	HS diploma /equivalent	None	Moderate-term OJT	
51-2031	Engine and Other Machine Assemblers	62	62	0	0.0%	2	4	6	HS diploma /equivalent	None	Moderate-term OJT	
51-2041	Structural Metal Fabricators and Fitters	187	189	2	1.1%	4	14	19	HS diploma /equivalent	None	Moderate-term OJT	
51-2051	Fiberglass Laminators and Fabricators	25	28	3	12.0%	1	2	5	HS diploma /equivalent	None	Moderate-term OJT	
51-2090	Miscellaneous Assemblers and Fabricators	5,268	5,221	-47	-0.9%	198	331	505	HS diploma /equivalent	None	Moderate-term OJT	
51-3011	Bakers	430	508	78	18.1%	26	31	96	No formal education	None	Long-term OJT	
51-3021	Butchers and Meat Cutters	522	549	27	5.2%	21	36	71	No formal education	None	Long-term OJT	
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	55	58	3	5.5%	2	4	8	No formal education	None	Short-term OJT	
51-3023	Slaughterers and Meat Packers	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	211	221	10	4.7%	12	12	29	No formal education	None	Moderate-term OJT	
51-3092	Food Batchmakers	348	371	23	6.6%	20	24	56	HS diploma /equivalent	None	Moderate-term OJT	
51-3093	Food Cooking Machine Operators and Tenders	33	34	1	3.0%	2	3	5	HS diploma /equivalent	None	Moderate-term OJT	
51-3099	Food Processing Workers, All Other	116	126	10	8.6%	4	6	15	No formal education	None	Moderate-term OJT	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	531	539	8	1.5%	16	40	60	HS diploma /equivalent	None	Moderate-term OJT	
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	29	30	1	3.4%	1	2	3	HS diploma /equivalent	None	Moderate-term OJT	
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	507	512	5	1.0%	17	30	49	HS diploma /equivalent	None	Moderate-term OJT	
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	50	49	-1	-2.0%	2	3	5	HS diploma /equivalent	None	Moderate-term OJT	
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	697	708	11	1.6%	30	40	76	HS diploma /equivalent	None	Moderate-term OJT	
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	246	245	-1	-0.4%	8	13	21	HS diploma /equivalent	None	Moderate-term OJT	
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	95	97	2	2.1%	3	6	10	HS diploma /equivalent	None	Moderate-term OJT	
51-4041	Machinists	1,831	1,891	60	3.3%	62	110	202	HS diploma /equivalent	None	Long-term OJT	
51-4051	Metal-Refining Furnace Operators and Tenders	66	66	0	0.0%	2	4	6	HS diploma /equivalent	None	Moderate-term OJT	
51-4052	Pourers and Casters, Metal	31	31	0	0.0%	0	2	2	HS diploma /equivalent	None	Moderate-term OJT	
51-4061	Model Makers, Metal and Plastic	33	36	3	9.1%	1	2	5	HS diploma /equivalent	None	Moderate-term OJT	
51-4062	Patternmakers, Metal and Plastic	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-4071	Foundry Mold and Coremakers	206	206	0	0.0%	5	12	17	HS diploma /equivalent	None	Moderate-term OJT	
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	848	894	46	5.4%	22	54	99	HS diploma /equivalent	None	Moderate-term OJT	
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	799	855	56	7.0%	26	48	102	HS diploma /equivalent	None	Moderate-term OJT	
51-4111	Tool and Die Makers	200	197	-3	-1.5%	8	10	16	Postsec. non-degree award	None	Long-term OJT	
51-4121	Welders, Cutters, Solderers, and Brazers	891	922	31	3.5%	22	63	101	HS diploma /equivalent	None	Moderate-term OJT	
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	253	251	-2	-0.8%	6	18	23	HS diploma /equivalent	None	Moderate-term OJT	
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	61	63	2	3.3%	2	4	7	HS diploma /equivalent	None	Moderate-term OJT	
51-4192	Layout Workers, Metal and Plastic	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	179	169	-10	-5.6%	4	10	9	HS diploma /equivalent	None	Moderate-term OJT	
51-4194	Tool Grinders, Filers, and Sharpeners	43	47	4	9.3%	4	2	8	HS diploma /equivalent	None	Moderate-term OJT	
51-4199	Metal Workers and Plastic Workers, All Other	387	392	5	1.3%	12	23	37	HS diploma /equivalent	None	Moderate-term OJT	
51-5111	Prepress Technicians and Workers	95	94	-1	-1.1%	3	8	11	Postsec. non-degree award	None	None	
51-5112	Printing Press Operators	734	772	38	5.2%	28	46	93	HS diploma /equivalent	None	Moderate-term OJT	
51-5113	Print Binding and Finishing Workers	227	243	16	7.0%	14	14	36	HS diploma /equivalent	None	Moderate-term OJT	
51-6011	Laundry and Dry-Cleaning Workers	650	940	290	44.6%	48	46	239	No formal education	None	Short-term OJT	
51-6021	Pressers, Textile, Garment, and Related Materials	81	134	53	65.4%	6	6	38	No formal education	None	Short-term OJT	

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2													
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation				
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training		
Total, All Occupations		617,607	678,994	61,387	9.9%	27,216	37,727	95,627					
51-6031	Sewing Machine Operators	465	462	-3	-0.6%	27	20	45	No formal education	None	Short-term OJT		
51-6041	Shoe and Leather Workers and Repairers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT		
51-6042	Shoe Machine Operators and Tenders	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT		
51-6051	Sewers, Hand	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT		
51-6052	Tailors, Dressmakers, and Custom Sewers	101	118	17	16.8%	8	5	21	No formal education	None	Moderate-term OJT		
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT		
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	117	116	-1	-0.9%	4	6	10	HS diploma /equivalent	None	Moderate-term OJT		
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	327	312	-15	-4.6%	24	14	30	HS diploma /equivalent	None	Short-term OJT		
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	78	72	-6	-7.7%	3	3	3	HS diploma /equivalent	None	Moderate-term OJT		
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT		
51-6092	Fabric and Apparel Patternmakers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT		
51-6093	Upholsterers	26	31	5	19.2%	1	2	5	HS diploma /equivalent	None	Moderate-term OJT		
51-6099	Textile, Apparel, and Furnishings Workers, All Other	118	112	-6	-5.1%	6	8	11	HS diploma /equivalent	None	Short-term OJT		
51-7011	Cabinetmakers and Bench Carpenters	265	256	-9	-3.4%	10	12	18	HS diploma /equivalent	None	Moderate-term OJT		
51-7021	Furniture Finishers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT		
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	121	120	-1	-0.8%	4	8	12	HS diploma /equivalent	None	Moderate-term OJT		
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	506	507	1	0.2%	24	37	61	HS diploma /equivalent	None	Moderate-term OJT		
51-7099	Woodworkers, All Other	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT		
51-8011	Nuclear Power Reactor Operators	n	n	n	n	n	n	n	HS diploma /equivalent	None	Long-term OJT		
51-8012	Power Distributors and Dispatchers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Long-term OJT		
51-8013	Power Plant Operators	93	90	-3	-3.2%	2	6	6	HS diploma /equivalent	None	Long-term OJT		
51-8021	Stationary Engineers and Boiler Operators	118	118	0	0.0%	4	7	11	HS diploma /equivalent	None	Long-term OJT		
51-8031	Water and Wastewater Treatment Plant and System Operators	421	420	-1	-0.2%	12	21	33	HS diploma /equivalent	None	Long-term OJT		
51-8092	Gas Plant Operators	63	63	0	0.0%	2	4	6	HS diploma /equivalent	None	Long-term OJT		
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT		
51-8099	Plant and System Operators, All Other	30	31	1	3.3%	0	2	2	HS diploma /equivalent	None	Moderate-term OJT		
51-9011	Chemical Equipment Operators and Tenders	161	162	1	0.6%	4	12	16	HS diploma /equivalent	None	Moderate-term OJT		
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	490	553	63	12.9%	12	38	82	HS diploma /equivalent	None	Moderate-term OJT		
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	199	200	1	0.5%	6	14	20	HS diploma /equivalent	None	Moderate-term OJT		
51-9022	Grinding and Polishing Workers, Hand	26	26	0	0.0%	1	2	3	No formal education	None	Moderate-term OJT		
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	342	356	14	4.1%	11	25	43	HS diploma /equivalent	None	Moderate-term OJT		
51-9031	Cutters and Trimmers, Hand	110	113	3	2.7%	4	8	14	No formal education	None	Short-term OJT		
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	232	236	4	1.7%	8	16	26	HS diploma /equivalent	None	Moderate-term OJT		
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	323	352	29	9.0%	12	21	47	HS diploma /equivalent	None	Moderate-term OJT		
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	37	39	2	5.4%	2	2	5	HS diploma /equivalent	None	Moderate-term OJT		
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,430	3,361	-69	-2.0%	125	242	333	HS diploma /equivalent	None	Moderate-term OJT		
51-9071	Jewelers and Precious Stone and Metal Workers	55	71	16	29.1%	4	4	16	HS diploma /equivalent	None	Long-term OJT		
51-9081	Dental Laboratory Technicians	233	251	18	7.7%	10	17	36	HS diploma /equivalent	None	Moderate-term OJT		
51-9082	Medical Appliance Technicians	50	54	4	8.0%	2	4	8	HS diploma /equivalent	None	Moderate-term OJT		
51-9083	Ophthalmic Laboratory Technicians	117	119	2	1.7%	5	8	14	HS diploma /equivalent	None	Moderate-term OJT		
51-9111	Packaging and Filling Machine Operators and Tenders	999	1,073	74	7.4%	43	62	142	HS diploma /equivalent	None	Moderate-term OJT		
51-9123	Painting, Coating, and Decorating Workers	76	79	3	3.9%	2	5	9	No formal education	None	Moderate-term OJT		
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	484	502	18	3.7%	14	32	55	HS diploma /equivalent	None	Moderate-term OJT		
51-9141	Semiconductor Processors	85	82	-3	-3.5%	3	6	7	HS diploma /equivalent	None	Moderate-term OJT		
51-9151	Photographic Process Workers and Processing Machine Operators	26	28	2	7.7%	2	2	5	HS diploma /equivalent	None	Short-term OJT		
51-9161	Computer Numerically Controlled Tool Operators	2,795	2,806	11	0.4%	65	179	250	HS diploma /equivalent	None	Moderate-term OJT		
51-9162	Computer Numerically Controlled Tool Programmers	252	267	15	6.0%	6	16	30	Postsec. non-degree award	None	Moderate-term OJT		
51-9191	Adhesive Bonding Machine Operators and Tenders	27	26	-1	-3.7%	1	2	3	HS diploma /equivalent	None	Moderate-term OJT		
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	121	125	4	3.3%	9	8	19	HS diploma /equivalent	None	Moderate-term OJT		

Short-term Occupational Projections, 2020 Q2 to 2022 Q2

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2												
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation			
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training	
	<b>Total, All Occupations</b>	<b>617,607</b>	<b>678,994</b>	<b>61,387</b>	<b>9.9%</b>	<b>27,216</b>	<b>37,727</b>	<b>95,627</b>				
51-9193	Cooling and Freezing Equipment Operators and Tenders	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
51-9194	Etchers and Engravers	67	70	3	4.5%	4	4	10	HS diploma /equivalent	None	Moderate-term OJT	
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	106	109	3	2.8%	4	6	12	HS diploma /equivalent	None	Long-term OJT	
51-9196	Paper Goods Machine Setters, Operators, and Tenders	88	84	-4	-4.5%	4	5	7	HS diploma /equivalent	None	Moderate-term OJT	
51-9198	Helpers--Production Workers	1,218	1,252	34	2.8%	64	101	182	HS diploma /equivalent	None	Short-term OJT	
51-9199	Production Workers, All Other	953	995	42	4.4%	34	64	119	HS diploma /equivalent	None	Moderate-term OJT	
53-0000	<b>Transportation and Material Moving Occupations</b>	<b>46,380</b>	<b>50,989</b>	<b>4,609</b>	<b>9.9%</b>	<b>2,239</b>	<b>3,191</b>	<b>7,732</b>				
53-1041	Aircraft Cargo Handling Supervisors	n	n	n	n	n	n	n	HS diploma /equivalent	Less than 5 yrs.	None	
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisor	1,587	1,717	130	8.2%	48	104	217	HS diploma /equivalent	Less than 5 yrs.	None	
53-2011	Airline Pilots, Copilots, and Flight Engineers	26	26	0	0.0%	1	2	3	Bachelor's degree	Less than 5 yrs.	Moderate-term OJT	
53-2012	Commercial Pilots	323	311	-12	-3.7%	10	20	24	HS diploma /equivalent	None	Moderate-term OJT	
53-2021	Air Traffic Controllers	428	436	8	1.9%	8	26	38	Associate's degree	None	Long-term OJT	
53-2022	Airfield Operations Specialists	28	25	-3	-10.7%	0	2	0	HS diploma /equivalent	None	Long-term OJT	
53-2031	Flight Attendants	n	n	n	n	n	n	n	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-3031	Driver/Sales Workers	1,798	2,460	662	36.8%	87	128	546	HS diploma /equivalent	None	Short-term OJT	
53-3032	Heavy and Tractor-Trailer Truck Drivers	7,182	7,571	389	5.4%	302	442	938	Postsec. non-degree award	None	Short-term OJT	
53-3033	Light Truck or Delivery Services Drivers	4,035	4,435	400	9.9%	174	254	628	HS diploma /equivalent	None	Short-term OJT	
53-3052	Bus Drivers, Transit and Intercity	238	407	169	71.0%	24	12	120	HS diploma /equivalent	None	Moderate-term OJT	
53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	3,077	4,384	1,307	42.5%	234	158	1,046	No formal education	None	Short-term OJT	
53-3099	Motor Vehicle Operators, All Other	109	134	25	22.9%	12	6	30	No formal education	None	Short-term OJT	
53-4011	Locomotive Engineers	18	25	7	38.9%	0	1	5	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-4031	Railroad Conductors and Yardmasters	19	22	3	15.8%	0	2	4	HS diploma /equivalent	None	Moderate-term OJT	
53-4041	Subway and Streetcar Operators	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-4099	Rail Transportation Workers, All Other	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-5011	Sailors and Marine Oilers	n	n	n	n	n	n	n	No formal education	None	Moderate-term OJT	
53-5021	Captains, Mates, and Pilots of Water Vessels	n	n	n	n	n	n	n	Postsec. non-degree award	Less than 5 yrs.	None	
53-5022	Motorboat Operators	n	n	n	n	n	n	n	Postsec. non-degree award	Less than 5 yrs.	None	
53-5031	Ship Engineers	23	36	13	56.5%	1	2	9	Postsec. non-degree award	Less than 5 yrs.	None	
53-6011	Bridge and Lock Tenders	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-6021	Parking Lot Attendants	174	225	51	29.3%	10	18	54	No formal education	None	Short-term OJT	
53-6031	Automotive and Watercraft Service Attendants	483	549	66	13.7%	24	46	103	No formal education	None	Short-term OJT	
53-6041	Traffic Technicians	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-6051	Transportation Inspectors	34	34	0	0.0%	1	2	3	HS diploma /equivalent	None	Moderate-term OJT	
53-6061	Transportation Attendants, Except Flight Attendants	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-6098	Aircraft Service Attendants and Transportation Workers, All Other	n	n	n	n	n	n	n	HS diploma /equivalent	None	Short-term OJT	
53-7011	Conveyor Operators and Tenders	95	103	8	8.4%	3	8	15	No formal education	None	Short-term OJT	
53-7021	Crane and Tower Operators	123	136	13	10.6%	4	9	19	HS diploma /equivalent	Less than 5 yrs.	Moderate-term OJT	
53-7051	Industrial Truck and Tractor Operators	1,285	1,346	61	4.7%	38	90	158	No formal education	None	Short-term OJT	
53-7061	Cleaners of Vehicles and Equipment	1,089	1,261	172	15.8%	56	93	235	No formal education	None	Short-term OJT	
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,470	5,883	413	7.6%	244	442	892	No formal education	None	Short-term OJT	
53-7063	Machine Feeders and Offbearers	315	329	14	4.4%	15	21	43	No formal education	None	Short-term OJT	
53-7064	Packers and Packagers, Hand	3,876	3,946	70	1.8%	220	274	529	No formal education	None	Short-term OJT	
53-7065	Stockers and Order Fillers	13,430	14,000	570	4.2%	672	948	1,905	HS diploma /equivalent	None	Short-term OJT	
53-7071	Gas Compressor and Gas Pumping Station Operators	n	n	n	n	n	n	n	HS diploma /equivalent	None	Moderate-term OJT	
53-7072	Pump Operators, Except Wellhead Pumpers	79	79	0	0.0%	2	6	8	HS diploma /equivalent	None	Moderate-term OJT	
53-7081	Refuse and Recyclable Material Collectors	799	829	30	3.8%	39	60	114	No formal education	None	Short-term OJT	
53-7121	Tank Car, Truck, and Ship Loaders	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	
53-7199	Material Moving Workers, All Other	n	n	n	n	n	n	n	No formal education	None	Short-term OJT	

1. Annual Labor Force Exits is the number of workers leaving an occupation (to go to school, start a family, or retire, for example).

**Short-term Occupational Projections, 2020 Q2 to 2022 Q2**

New Hampshire Short-term Occupational Projections, 2020 Q2 to 2022 Q2											
SOC Code	Occupation Title	2020 Q2	2022 Q2	Numeric Change	Percent Change	Average Annual Openings			Entry-Level Occupational Preparation		
		Estimated	Projected			Exits <sup>1</sup>	Transfers <sup>2</sup>	Openings <sup>3</sup>	Education	Experience	Job Training
	<b>Total, All Occupations</b>	<b>617,607</b>	<b>678,994</b>	<b>61,387</b>	<b>9.9%</b>	<b>27,216</b>	<b>37,727</b>	<b>95,627</b>			
	2. Annual Occupational Transfers is the number of workers leaving one occupation to go to another occupational group (such as through job change or promotion).										
	3. Total Annual Openings is the sum of Exits plus Transfers plus annual change in an occupation.										
	Sum of Exits, Transfers, and openings at the detailed occupational level may not add up to totals due to rounding										
	n = Employment data do not meet disclosure standards										
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