

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
00-0000	Total, All Occupations	92,440	109,520	17,090	18.5%	38,640	\$16.84	
11-1011	Chief Executives	470	490	20	5.1%	160	\$56.45	Bachelor's or higher degree, plus work experience
11-1021	General and Operations Managers	1,660	1,770	110	6.5%	590	\$38.47	Bachelor's or higher degree, plus work experience
11-1031	Legislators	40	40	0	8.6%	10	N/A	Bachelor's or higher degree, plus work experience
11-2021	Marketing Managers	40	50	10	21.1%	20	\$39.99	Bachelor's or higher degree, plus work experience
11-2022	Sales Managers	150	190	40	23.0%	70	\$39.32	Bachelor's or higher degree, plus work experience
11-3011	Administrative Services Managers	180	210	40	19.9%	70	\$22.73	Bachelor's or higher degree, plus work experience
11-3021	Computer and Information Systems Managers	80	90	10	14.1%	20	\$33.19	Bachelor's or higher degree, plus work experience
11-3031	Financial Managers	250	280	40	15.0%	80	\$33.30	Bachelor's or higher degree, plus work experience
11-3041	Compensation and Benefits Managers	60	70	10	8.3%	20	N/A	Bachelor's or higher degree, plus work experience
11-3042	Training and Development Managers	20	30	0	13.6%	10	N/A	Bachelor's or higher degree, plus work experience
11-3049	Human Resources Managers, All Other	50	50	10	12.5%	20	N/A	Bachelor's or higher degree, plus work experience
11-3051	Industrial Production Managers	170	170	10	5.5%	70	\$40.75	Work experience in a related occupation
11-3061	Purchasing Managers	60	70	10	14.8%	30	N/A	Bachelor's or higher degree, plus work experience
11-3071	Transportation, Storage, and Distribution Managers	50	50	0	5.9%	20	\$29.70	Work experience in a related occupation
11-9021	Construction Managers	200	270	60	31.2%	80	\$34.37	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	18.6%	20	\$18.23	Bachelor's or higher degree, plus work experience
11-9032	Education Administrators, Elementary and Secondary School	180	200	20	12.1%	80	N/A	Bachelor's or higher degree, plus work experience
11-9033	Education Administrators, Postsecondary	30	30	0	6.9%	10	\$31.93	Bachelor's or higher degree, plus work experience
11-9041	Engineering Managers	70	70	0	5.7%	20	\$81.56	Bachelor's or higher degree, plus work experience
11-9051	Food Service Managers	290	330	40	14.5%	100	\$21.35	Work experience in a related occupation
11-9071	Gaming Managers	20	30	10	25.0%	10	\$28.32	Work experience in a related occupation
11-9111	Medical and Health Services Managers	160	200	40	24.5%	70	\$36.27	Bachelor's or higher degree, plus work experience
11-9131	Postmasters and Mail Superintendents	50	40	-10	-17.0%	10	\$30.32	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	160	190	30	15.3%	50	\$19.49	Bachelor's degree
11-9151	Social and Community Service Managers	80	90	20	20.5%	30	\$18.79	Bachelor's degree
13-1022	Wholesale and Retail Buyers, Except Farm Products	70	70	0	4.5%	20	\$21.42	Long-term on-the-job training
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	240	300	60	23.8%	120	\$23.95	Long-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	120	140	20	13.7%	50	\$21.18	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	130	170	40	31.5%	50	\$21.92	Long-term on-the-job training
13-1051	Cost Estimators	110	160	50	48.1%	80	\$22.87	Bachelor's degree
13-1061	Emergency Management Specialists	20	20	10	41.2%	10	N/A	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	80	100	20	28.8%	40	N/A	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	10	20.0%	30	N/A	Bachelor's degree
13-1073	Training and Development Specialists	150	190	50	30.2%	80	N/A	Bachelor's degree
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other	60	80	20	25.4%	30	N/A	Bachelor's degree
13-1111	Management Analysts	110	140	30	22.8%	50	\$29.26	Bachelor's or higher degree, plus work experience
13-1199	Business Operations Specialists, All Other	210	250	40	17.2%	80	\$25.37	Bachelor's degree
13-2011	Accountants and Auditors	570	700	130	22.2%	220	\$22.84	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	60	70	10	13.6%	20	\$20.80	Associate degree
13-2041	Credit Analysts	20	20	10	33.3%	10	\$21.66	Bachelor's degree
13-2051	Financial Analysts	50	60	10	23.9%	20	\$29.45	Bachelor's degree
13-2052	Personal Financial Advisors	50	70	20	39.6%	30	\$36.57	Bachelor's degree
13-2071	Loan Counselors	40	40	0	10.8%	10	\$15.85	Bachelor's degree
13-2072	Loan Officers	280	330	50	17.1%	80	\$22.97	Moderate-term on-the-job training
15-1021	Computer Programmers	110	110	0	-3.6%	20	N/A	Bachelor's degree
15-1031	Computer Software Engineers, Applications	90	120	30	36.0%	40	N/A	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	60	70	20	29.8%	20	N/A	Bachelor's degree
15-1041	Computer Support Specialists	190	210	30	15.7%	80	N/A	Associate degree
15-1051	Computer Systems Analysts	120	140	30	21.2%	50	N/A	Bachelor's degree
15-1061	Database Administrators	20	30	10	20.8%	10	N/A	Bachelor's degree
15-1071	Network and Computer Systems Administrators	100	120	20	18.3%	40	N/A	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	70	130	50	71.2%	70	N/A	Bachelor's degree
17-2041	Chemical Engineers	130	140	10	6.9%	40	\$52.90	Bachelor's degree
17-2051	Civil Engineers	40	60	20	34.1%	20	\$30.97	Bachelor's degree
17-2071	Electrical Engineers	90	90	0	3.4%	20	\$38.89	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	20	20	0	0.0%	10	\$36.84	Bachelor's degree

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspect	20	30	0	12.5%	10	\$25.31	Bachelor's degree
17-2112	Industrial Engineers	150	190	40	26.8%	80	\$36.96	Bachelor's degree
17-2141	Mechanical Engineers	240	290	50	20.2%	110	\$33.94	Bachelor's degree
17-2171	Petroleum Engineers	200	290	90	42.6%	130	\$53.11	Bachelor's degree
17-3013	Mechanical Drafters	50	50	0	8.2%	20	\$22.95	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	150	150	10	4.8%	40	\$24.49	Associate degree
17-3026	Industrial Engineering Technicians	70	80	10	16.9%	20	N/A	Associate degree
17-3031	Surveying and Mapping Technicians	40	50	10	27.0%	20	\$16.04	Moderate-term on-the-job training
19-2031	Chemists	200	220	20	7.9%	80	N/A	Bachelor's degree
19-3021	Market Research Analysts	50	60	10	28.9%	30	N/A	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	130	150	30	20.5%	60	N/A	Doctoral degree
19-4031	Chemical Technicians	20	20	0	6.7%	0	\$18.56	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	25.0%	20	\$15.02	Associate degree
21-1012	Educational, Vocational, and School Counselors	340	420	80	23.7%	150	N/A	Master's degree
21-1021	Child, Family, and School Social Workers	230	250	20	10.2%	80	\$15.95	Bachelor's degree
21-1022	Medical and Public Health Social Workers	30	40	10	27.3%	20	N/A	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	20	30	10	35.0%	10	\$12.31	Master's degree
21-1029	Social Workers, All Other	50	50	10	14.9%	20	N/A	Bachelor's degree
21-1091	Health Educators	20	30	0	19.0%	10	\$24.95	Bachelor's degree
21-1092	Probation Officers and Correctional Treatment Specialists	50	60	10	24.0%	20	N/A	Bachelor's degree
21-1093	Social and Human Service Assistants	170	220	40	25.0%	80	\$13.92	Moderate-term on-the-job training
23-1011	Lawyers	350	410	60	17.0%	130	\$28.47	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0.0%	0	N/A	Bachelor's or higher degree, plus work experience
23-2011	Paralegals and Legal Assistants	110	140	30	29.2%	40	\$14.82	Associate degree
23-2093	Title Examiners, Abstractors, and Searchers	180	190	10	6.9%	40	\$11.23	Moderate-term on-the-job training
25-1000	Postsecondary Teachers	470	540	80	16.8%	160	N/A	
25-2011	Preschool Teachers, Except Special Education	160	200	40	21.9%	70	\$15.41	Postsecondary vocational training
25-2012	Kindergarten Teachers, Except Special Education	170	200	30	18.1%	60	N/A	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,230	1,460	230	19.0%	510	N/A	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	580	690	110	18.1%	240	N/A	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	20	20	0	5.9%	10	N/A	Bachelor's or higher degree, plus work experience
25-2031	Secondary School Teachers, Except Special and Vocational Education	830	930	100	11.9%	340	N/A	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	90	100	10	13.0%	40	N/A	Bachelor's or higher degree, plus work experience
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	150	180	30	21.1%	70	N/A	Bachelor's degree
25-2042	Special Education Teachers, Middle School	80	100	20	20.3%	40	N/A	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	100	120	20	16.7%	40	N/A	Bachelor's degree
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	40	10	17.6%	10	N/A	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	50	60	10	23.9%	20	\$22.16	Work experience in a related occupation
25-3099	Teachers and Instructors, All Other	290	350	60	19.4%	100	N/A	Bachelor's degree
25-4021	Librarians	100	110	10	10.8%	40	\$19.40	Master's degree
25-4031	Library Technicians	60	70	10	14.5%	40	\$9.95	Postsecondary vocational training
25-9031	Instructional Coordinators	50	60	10	26.7%	20	\$25.50	Master's degree
25-9041	Teacher Assistants	900	1,010	120	12.8%	310	N/A	Short-term on-the-job training
27-1023	Floral Designers	50	50	0	8.9%	20	\$10.13	Short-term on-the-job training
27-1024	Graphic Designers	70	80	20	23.1%	40	\$16.78	Bachelor's degree
27-2022	Coaches and Scouts	100	130	30	28.6%	50	N/A	Long-term on-the-job training
27-2041	Music Directors and Composers	40	40	10	19.4%	10	\$19.21	Bachelor's or higher degree, plus work experience
27-3022	Reporters and Correspondents	50	50	0	-2.2%	10	N/A	Bachelor's degree
27-3031	Public Relations Specialists	80	100	20	30.3%	40	\$16.32	Bachelor's degree
27-3043	Writers and Authors	90	110	20	28.2%	40	\$15.93	Bachelor's degree
27-3091	Interpreters and Translators	20	20	0	15.8%	10	N/A	Long-term on-the-job training
29-1031	Dietitians and Nutritionists	20	20	0	21.1%	10	\$25.53	Bachelor's degree
29-1041	Optometrists	70	90	30	38.2%	50	\$56.52	First professional degree
29-1051	Pharmacists	230	320	80	35.6%	140	\$47.91	First professional degree
29-1062	Family and General Practitioners	70	100	20	33.3%	40	\$70.70	First professional degree
29-1066	Psychiatrists	30	40	10	27.3%	20	N/A	First professional degree
29-1111	Registered Nurses	1,000	1,310	310	30.9%	480	\$27.09	Associate degree

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
29-1123	Physical Therapists	120	170	50	43.6%	70	\$37.12	Master's degree
29-1125	Recreational Therapists	70	80	20	25.4%	40	N/A	Bachelor's degree
29-1126	Respiratory Therapists	30	40	10	31.3%	20	N/A	Associate degree
29-1127	Speech-Language Pathologists	70	80	10	19.7%	30	\$27.05	Master's degree
29-1131	Veterinarians	90	120	30	35.2%	50	\$51.31	First professional degree
29-2011	Medical and Clinical Laboratory Technologists	70	90	20	21.1%	30	\$26.13	Bachelor's degree
29-2021	Dental Hygienists	140	210	70	49.3%	100	N/A	Associate degree
29-2034	Radiologic Technologists and Technicians	120	150	30	26.3%	50	N/A	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	310	370	60	19.8%	120	\$14.57	Postsecondary vocational training
29-2052	Pharmacy Technicians	330	500	170	50.9%	250	\$11.43	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	20	20	0	9.1%	10	\$18.94	Postsecondary vocational training
29-2055	Surgical Technologists	50	70	20	37.7%	30	N/A	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	680	880	210	30.2%	420	\$15.88	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	170	210	40	25.7%	80	\$15.05	Associate degree
29-9011	Occupational Health and Safety Specialists	70	100	30	39.7%	50	N/A	Bachelor's degree
29-9091	Athletic Trainers	90	130	40	41.8%	70	N/A	Bachelor's degree
31-1012	Nursing Aides, Orderlies, and Attendants	1,010	1,310	300	30.0%	400	\$11.32	Postsecondary vocational training
31-2011	Occupational Therapist Assistants	20	30	10	50.0%	10	\$21.43	Associate degree
31-2021	Physical Therapist Assistants	90	130	40	46.2%	60	\$25.67	Associate degree
31-9091	Dental Assistants	280	410	130	47.0%	180	N/A	Moderate-term on-the-job training
31-9092	Medical Assistants	270	370	100	36.4%	130	\$12.07	Moderate-term on-the-job training
33-1011	First-Line Supervisors/Managers of Correctional Officers	40	40	0	7.7%	20	\$22.04	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	110	120	20	18.1%	70	N/A	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	40	10	18.9%	30	\$28.70	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	20	20	0	20.0%	10	\$30.61	Work experience in a related occupation
33-3011	Bailiffs	20	20	0	12.5%	10	N/A	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	440	520	70	16.7%	170	\$13.86	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	70	80	10	12.9%	20	\$21.04	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	550	650	100	18.9%	250	N/A	Long-term on-the-job training
33-9011	Animal Control Workers	20	30	0	16.7%	10	\$11.86	Moderate-term on-the-job training
33-9031	Gaming Surveillance Officers and Gaming Investigators	100	120	20	21.6%	40	N/A	Moderate-term on-the-job training
33-9032	Security Guards	690	810	110	16.4%	260	\$12.08	Short-term on-the-job training
35-2011	Cooks, Fast Food	590	690	100	17.7%	250	N/A	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	580	660	90	14.7%	230	\$9.03	Moderate-term on-the-job training
35-2014	Cooks, Restaurant	820	970	150	17.9%	360	\$9.01	Long-term on-the-job training
35-2021	Food Preparation Workers	320	370	40	13.0%	160	\$8.35	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,240	1,550	320	25.8%	580	N/A	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	270	330	50	19.9%	250	\$9.09	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,220	1,420	200	16.2%	870	\$8.29	Short-term on-the-job training
35-9021	Dishwashers	710	870	160	22.1%	450	\$8.21	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	100	120	10	13.6%	90	\$8.50	Short-term on-the-job training
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	130	150	10	9.8%	30	\$16.51	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers	200	240	40	19.8%	60	\$15.11	Work experience in a related occupation
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,180	1,260	70	6.3%	300	N/A	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	520	530	20	3.5%	110	\$8.52	Short-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	700	860	150	21.9%	240	\$10.89	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	20	20	0	21.1%	10	\$14.42	Moderate-term on-the-job training
39-1011	Gaming Supervisors	100	120	20	24.2%	50	N/A	Work experience in a related occupation
39-3011	Gaming Dealers	180	250	70	37.7%	150	\$14.45	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	20	30	10	20.8%	20	\$8.77	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	30	40	10	19.4%	20	N/A	Short-term on-the-job training
39-9011	Child Care Workers	900	1,070	180	20.0%	440	N/A	Short-term on-the-job training
39-9021	Personal and Home Care Aides	100	160	60	59.8%	70	N/A	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	190	260	70	36.7%	100	\$10.24	Postsecondary vocational training
39-9032	Recreation Workers	140	190	40	30.6%	70	\$9.99	Short-term on-the-job training
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,180	1,410	230	19.2%	480	\$15.47	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	200	230	30	16.8%	70	\$28.92	Work experience in a related occupation

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
41-2011	Cashiers	2,210	2,590	380	17.3%	1,380	\$8.74	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	130	130	0	-1.6%	60	\$17.38	Short-term on-the-job training
41-2021	Counter and Rental Clerks	180	190	10	6.1%	60	\$12.72	Short-term on-the-job training
41-2022	Parts Salespersons	110	130	20	15.7%	60	\$15.94	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,270	4,070	800	24.6%	1,720	N/A	Short-term on-the-job training
41-3021	Insurance Sales Agents	200	250	40	20.6%	90	N/A	Postsecondary vocational training
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	60	10	22.4%	30	\$43.78	Bachelor's degree
41-3099	Sales Representatives, Services, All Other	90	100	20	20.0%	40	N/A	Work experience in a related occupation
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Sci	330	380	50	13.9%	120	\$23.05	Work experience in a related occupation
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	710	820	110	14.7%	270	\$19.12	Work experience in a related occupation
41-9022	Real Estate Sales Agents	190	240	50	23.7%	80	\$24.63	Postsecondary vocational training
41-9041	Telemarketers	100	100	-10	-5.8%	30	\$11.94	Short-term on-the-job training
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wor	690	820	130	19.4%	290	\$19.94	Work experience in a related occupation
43-3021	Billing and Posting Clerks and Machine Operators	290	360	70	22.9%	120	\$13.18	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,840	2,210	370	20.0%	590	\$13.37	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	190	180	-10	-5.8%	50	N/A	Moderate-term on-the-job training
43-3061	Procurement Clerks	60	70	10	16.4%	30	\$15.88	Moderate-term on-the-job training
43-3071	Tellers	510	580	70	14.3%	280	\$10.07	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	100	120	10	12.7%	40	\$14.48	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	20	20	0	5.0%	10	\$12.78	Short-term on-the-job training
43-4051	Customer Service Representatives	1,260	1,580	320	25.4%	720	N/A	Moderate-term on-the-job training
43-4071	File Clerks	120	100	-30	-21.3%	30	\$11.07	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	60	80	20	30.5%	30	\$11.94	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	70	10	14.5%	40	\$9.00	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	50	50	10	13.0%	20	\$13.18	Short-term on-the-job training
43-4141	New Accounts Clerks	80	80	10	6.3%	30	\$12.58	Work experience in a related occupation
43-4151	Order Clerks	160	120	-40	-26.6%	50	\$12.46	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	130	130	0	0.0%	40	\$15.49	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	660	810	150	22.3%	330	\$10.67	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	110	140	30	29.2%	50	\$11.36	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	80	80	10	7.8%	20	\$14.68	Moderate-term on-the-job training
43-5051	Postal Service Clerks	50	40	-10	-18.4%	10	\$25.23	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	270	270	0	-1.1%	80	\$23.16	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operato	40	30	-10	-30.0%	0	\$17.52	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	170	180	10	8.3%	60	\$20.68	Moderate-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	430	440	10	2.3%	120	\$14.16	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	930	1,090	170	17.9%	380	\$10.95	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	60	50	0	-7.1%	20	N/A	Short-term on-the-job training
43-6011	Executive Secretaries and Administrative Assistants	630	740	110	17.2%	190	\$17.27	Work experience in a related occupation
43-6012	Legal Secretaries	210	250	40	19.9%	70	\$13.15	Associate degree
43-6013	Medical Secretaries	210	300	80	38.8%	110	\$14.05	Moderate-term on-the-job training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,340	1,490	140	10.6%	320	\$12.02	Moderate-term on-the-job training
43-9011	Computer Operators	60	50	-10	-19.3%	10	\$16.05	Moderate-term on-the-job training
43-9021	Data Entry Keyers	60	50	0	-3.6%	10	\$13.11	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	40	0	-5.4%	10	\$10.59	Short-term on-the-job training
43-9061	Office Clerks, General	1,610	1,890	280	17.4%	500	\$11.14	Short-term on-the-job training
43-9199	Office and Administrative Support Workers, All Other	50	50	0	-1.9%	10	N/A	Short-term on-the-job training
45-2091	Agricultural Equipment Operators	40	40	0	4.8%	10	\$12.18	Short-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	340	330	0	-1.2%	90	\$10.61	Short-term on-the-job training
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	660	870	220	33.1%	340	\$24.51	Work experience in a related occupation
47-2011	Boilermakers	70	90	20	33.3%	40	\$15.43	Long-term on-the-job training
47-2031	Carpenters	660	880	220	33.8%	300	\$14.03	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	110	170	50	47.4%	80	\$15.48	Moderate-term on-the-job training
47-2061	Construction Laborers	530	770	240	45.2%	270	\$13.68	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	80	90	10	14.1%	20	\$13.98	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	380	520	140	37.8%	210	\$17.05	Moderate-term on-the-job training
47-2111	Electricians	240	330	90	38.1%	150	\$23.47	Long-term on-the-job training

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
47-2141	Painters, Construction and Maintenance	110	140	30	22.5%	40	\$14.57	Moderate-term on-the-job training
47-2151	Pipelayers	160	220	60	35.4%	90	\$14.59	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	260	370	110	42.7%	160	\$14.96	Long-term on-the-job training
47-2211	Sheet Metal Workers	100	120	30	28.4%	50	\$13.31	Long-term on-the-job training
47-2221	Structural Iron and Steel Workers	140	210	70	47.1%	90	\$13.13	Long-term on-the-job training
47-3012	Helpers--Carpenters	50	60	20	33.3%	30	\$11.38	Short-term on-the-job training
47-3013	Helpers--Electricians	90	140	50	62.4%	70	\$17.41	Short-term on-the-job training
47-4011	Construction and Building Inspectors	30	40	10	25.0%	10	\$22.31	Work experience in a related occupation
47-4051	Highway Maintenance Workers	200	250	40	20.7%	100	\$13.39	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	20	30	10	31.8%	10	\$15.49	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	290	320	30	8.5%	80	\$16.18	Moderate-term on-the-job training
47-5071	Roustabouts, Oil and Gas	380	410	30	9.0%	100	\$17.20	Moderate-term on-the-job training
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	310	340	40	12.1%	120	\$26.69	Work experience in a related occupation
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	-2.2%	10	N/A	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	100	160	60	57.8%	80	\$20.76	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	160	170	10	6.9%	50	\$20.83	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	690	790	100	14.2%	230	\$16.23	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	240	30	11.8%	70	\$17.04	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	80	100	20	29.3%	40	\$17.48	Long-term on-the-job training
49-3051	Motorboat Mechanics	80	90	10	16.5%	30	\$16.49	Long-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	80	110	30	40.3%	40	\$17.38	Postsecondary vocational training
49-9031	Home Appliance Repairers	60	60	10	9.1%	10	\$15.76	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	330	430	100	31.2%	150	\$20.74	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,100	1,280	190	17.0%	360	N/A	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	200	220	30	14.3%	60	\$15.31	Moderate-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	270	390	120	43.1%	220	\$22.38	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	190	200	10	3.7%	40	\$21.05	Long-term on-the-job training
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	720	780	60	8.7%	160	\$24.30	Work experience in a related occupation
51-2022	Electrical and Electronic Equipment Assemblers	330	390	50	15.6%	100	N/A	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	370	460	90	23.7%	170	\$16.54	Moderate-term on-the-job training
51-2092	Team Assemblers	1,140	1,270	130	11.6%	390	\$13.73	Moderate-term on-the-job training
51-3011	Bakers	100	120	20	15.0%	40	\$10.97	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	70	80	10	17.4%	30	\$11.91	Long-term on-the-job training
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	160	200	40	24.5%	70	\$18.46	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	180	170	-10	-2.8%	40	\$14.50	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal a	70	60	-10	-14.1%	10	\$14.86	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators	140	130	0	-1.5%	20	\$13.77	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal a	50	40	-10	-14.3%	10	N/A	Moderate-term on-the-job training
51-4041	Machinists	760	830	70	8.6%	170	\$16.79	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tende	80	90	10	13.2%	30	\$11.35	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	-2.7%	10	\$16.30	Moderate-term on-the-job training
51-4111	Tool and Die Makers	50	60	10	11.8%	10	\$20.44	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	940	1,050	110	11.5%	400	\$15.92	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	120	130	10	7.5%	50	\$18.44	Postsecondary vocational training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plas	60	70	0	3.2%	30	\$14.22	Moderate-term on-the-job training
51-5023	Printing Machine Operators	60	60	10	8.8%	20	N/A	Moderate-term on-the-job training
51-6011	Laundry and Dry-Cleaning Workers	170	190	20	10.5%	50	\$8.60	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	60	60	0	0.0%	0	\$9.16	Short-term on-the-job training
51-6031	Sewing Machine Operators	150	110	-40	-26.7%	10	\$8.99	Moderate-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	100	120	20	22.7%	40	N/A	Long-term on-the-job training
51-8012	Power Distributors and Dispatchers	20	30	0	13.6%	10	\$23.68	Long-term on-the-job training
51-8013	Power Plant Operators	50	50	10	10.4%	20	\$29.06	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	170	230	60	32.4%	90	\$13.93	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	90	100	10	7.9%	30	N/A	Long-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	210	210	0	-0.5%	20	\$22.22	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	120	150	30	25.4%	50	N/A	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	70	100	20	33.3%	40	\$19.36	Moderate-term on-the-job training

NORTHEAST WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018

Occupation Code	Occupation Title	Employment		Employment Change, 2008-2018		Total Openings	Mean Hourly Wage	Education and Training
		2008	2018	Numeric	Percent			
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	410	440	30	6.3%	100	\$16.47	Moderate-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	300	360	60	19.9%	140	\$14.67	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	30	30	0	13.8%	10	\$21.34	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	850	930	90	10.0%	230	\$12.38	Short-term on-the-job training
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Mover	180	210	30	16.2%	60	\$19.62	Work experience in a related occupation
53-3022	Bus Drivers, School	340	340	0	-0.3%	60	\$9.98	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	430	480	60	13.9%	140	\$11.84	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,410	3,090	680	28.0%	1,110	\$18.23	Short-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	390	460	70	18.1%	140	\$11.81	Short-term on-the-job training
53-6021	Parking Lot Attendants	50	50	0	3.8%	20	\$9.34	Short-term on-the-job training
53-6031	Service Station Attendants	40	50	0	2.3%	20	N/A	Short-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	180	240	50	29.1%	110	\$16.90	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	390	450	60	15.5%	180	\$13.30	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	180	200	20	13.1%	90	\$10.08	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,500	1,660	160	10.4%	640	\$11.16	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	500	530	30	5.4%	110	N/A	Short-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumpers	160	150	-10	-8.0%	50	\$20.96	Moderate-term on-the-job training
53-7073	Wellhead Pumpers	140	130	-10	-8.6%	40	N/A	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	170	200	30	20.2%	80	\$13.88	Short-term on-the-job training