

Northeast Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northeast Region						Statewide						Northeast Regional Percentage Share of Statewide Numbers								
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers (Forecast)	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Forecasted
1	13-2011.00	Accountants and Auditors	Business and Financial Operations Occupations	Bachelor's degree	535	126	15,320	5,407	234	49	9	1,438	336	41,300	16,236	668	1,312	18	37.20%	37.50%	37.09%	33.30%	35.03%	3.73%	50.00%
2	15-2011.00	Actuaries	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	92	8	0	0	45	15	1,010	961	32	17	2	0.00%	0.00%	0.00%	9.57%	25.00%	0.00%	0.00%
3	11-3011.00	Administrative Services Managers	Management Occupations	Bachelor's degree	97	23	3,930	113	32	0	0	276	72	10,930	286	102	0	0	35.14%	31.94%	35.96%	39.51%	31.37%	0.00%	0.00%
4	17-2011.00	Aerospace Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	129	20	135	1	129	0	4,510	1,997	71	321	3	0.00%	0.00%	0.00%	6.46%	28.17%	42.06%	33.33%
5	49-3011.00	Aircraft Mechanics and Service Technicians	Installation, Maintenance, and Repair Occupations	Certificate/Some college	27	4	970	57	12	35	3	98	22	3,210	161	33	410	4	27.55%	18.18%	30.22%	35.40%	36.36%	8.54%	75.00%
6	11-9041.00	Architectural and Engineering Managers	Management Occupations	Bachelor's degree	81	4	2,510	416	76	5	1	226	14	6,900	1,807	226	6	2	35.84%	28.57%	36.38%	23.02%	33.63%	83.33%	50.00%
7	51-2099.00	Assemblers and Fabricators, All Other	Production Occupations	High school diploma or equivalent	153	0	7,110	50	18	10	2	524	55	21,840	230	63	252	5	19.20%	0.00%	32.55%	21.74%	28.57%	3.97%	40.00%
8	27-4011.00	Audio and Video Equipment Technicians	Arts, Design, Entertainment, Sports, and Media Occupations	Certificate/Some college	11	4	370	31	12	0	0	41	14	1,410	91	39	3	1	26.83%	28.57%	26.24%	34.07%	30.77%	0.00%	0.00%
9	49-3021.00	Automotive Body and Related Repairers	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	76	20	2,420	14	7	0	0	210	58	6,630	43	19	10	1	36.19%	34.48%	36.50%	32.56%	36.84%	0.00%	0.00%
10	49-3023.00	Automotive Service Technicians and Mechanics	Installation, Maintenance, and Repair Occupations	Certificate/Some college	378	62	11,800	57	25	0	0	857	126	27,290	2,782	89	88	2	44.11%	49.21%	43.24%	2.05%	28.09%	0.00%	0.00%
11	53-6051.01	Aviation Inspectors*	Transportation and Material Moving Occupations	High school diploma or equivalent	10	1	350	24	4	25	1	21	1	770	82	11	40	2	47.62%	100.00%	45.45%	29.27%	36.36%	62.50%	50.00%
12	49-2091.00	Avionics Technicians	Installation, Maintenance, and Repair Occupations	Associate's degree	0	0	0	24	7	0	0	10	2	450	39	13	60	1	0.00%	0.00%	0.00%	61.54%	53.85%	0.00%	0.00%
13	43-3011.00	Bill and Account Collectors	Office and Administrative Support Occupations	High school diploma or equivalent	115	0	4,720	710	67	3	1	404	0	16,540	2,775	205	1,643	3	28.47%	0.00%	28.54%	27.55%	32.68%	0.18%	33.33%
14	43-3021.00	Billing and Posting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	256	90	7,950	800	54	0	0	817	304	24,540	1,541	144	6	1	31.33%	29.61%	32.40%	51.91%	37.50%	0.00%	0.00%
15	11-9041.01	Biofuels/Biodiesel Technology & Product Development Managers*	Management Occupations	Bachelor's degree	81	4	2,510	416	76	0	0	226	14	6,900	1,807	226	1	1	35.84%	28.57%	36.38%	23.02%	33.63%	0.00%	0.00%
16	19-4021.00	Biological Technicians	Life, Physical, and Social Science Occupations	Bachelor's degree	23	4	690	288	23	0	0	117	30	3,120	1,404	76	3	1	19.66%	13.33%	22.12%	20.51%	30.26%	0.00%	0.00%
17	17-2031.00	Biomedical Engineers	Architecture and Engineering Occupations	Bachelor's degree	13	4	350	65	10	3	1	25	8	640	163	35	54	4	52.00%	50.00%	54.69%	39.88%	28.57%	5.56%	25.00%
18	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	Office and Administrative Support Occupations	Certificate/Some college	226	0	23,060	1,148	187	2	1	640	0	65,250	3,809	550	206	7	53.10%	0.00%	35.34%	30.14%	34.00%	0.97%	14.29%
19	49-3031.00	Bus & Truck Mechanics & Diesel Engine Spec.	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	93	29	3,750	1,153	39	15	2	325	118	12,040	3,078	148	124	7	28.62%	24.58%	31.15%	37.46%	26.35%	12.10%	28.57%
20	53-3022.00	Bus Drivers, School or Special Client	Transportation and Material Moving Occupations	High school diploma or equivalent	95	40	4,220	38	12	0	0	282	106	13,420	325	40	25	1	33.69%	37.74%	31.45%	11.69%	30.00%	0.00%	0.00%
21	15-1199.08	Business Intelligence Analysts*	Computer and Mathematical Occupations	Bachelor's degree	42	5	2,860	4,355	134	6	1	103	6	7,520	33,233	436	156	2	40.78%	83.33%	38.03%	13.10%	30.73%	3.85%	50.00%
22	13-1199.00	Business Operations Specialists, All Other	Business and Financial Operations Occupations	Bachelor's degree	129	28	8,480	1,209	94	6	1	374	67	25,760	5,151	311	6	1	34.49%	41.79%	32.92%	23.47%	30.23%	100.00%	100.00%
23	47-2031.00	Carpenters	Construction and Extraction Occupations	High school diploma or equivalent	208	96	9,780	39	13	33	2	623	287	29,210	130	43	676	15	33.39%	33.45%	33.48%	30.00%	30.23%	4.88%	13.33%
24	47-2051.00	Cement Masons and Concrete Finishers	Construction and Extraction Occupations	Less Than High School	32	12	1,620	3	1	0	0	91	35	4,640	16	6	144	5	35.16%	34.29%	34.91%	18.75%	16.67%	0.00%	0.00%
25	17-2041.00	Chemical Engineers	Architecture and Engineering Occupations	Bachelor's degree	15	0	540	147	25	1	1	40	4	1,310	447	67	44	10	37.50%	0.00%	41.22%	32.89%	37.31%	2.27%	10.00%
26	51-9011.00	Chemical Equipment Operators/Tenders	Production Occupations	High school diploma or equivalent	0	0	0	0	0	0	0	94	0	3,000	2	2	19	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
27	51-8091.00	Chemical Plant and System Operators	Production Occupations	High school diploma or equivalent	25	0	670	36	9	0	0	70	0	1,850	144	29	33	3	35.71%	0.00%	36.22%	25.00%	31.03%	0.00%	0.00%
28	19-2031.00	Chemists	Life, Physical, and Social Science Occupations	Bachelor's degree	44	4	1,800	317	29	0	0	85	4	3,680	760	84	58	4	51.76%	100.00%	48.91%	41.71%	34.52%	0.00%	0.00%
29	21-1021.00	Child, Family, and School Social Workers	Community and Social Service Occupations	Bachelor's degree	125	22	4,290	174	24	0	0	334	71	10,920	37,433	65	69	3	37.43%	30.99%	39.29%	46.90%	36.92%	0.00%	0.00%
30	17-2051.00	Civil Engineers	Architecture and Engineering Occupations	Bachelor's degree	93	19	2,510	93	24	4	1	286	63	7,550	488	95	33	5	32.52%	30.16%	33.25%	19.06%	25.26%	12.12%	20.00%
31	13-1031.00	Claims Adjusters, Examiners, and Investigators	Business and Financial Operations Occupations	High school diploma or equivalent	107	0	4,340	704	32	0	0	312	11	12,150	2,495	88	1,581	4	34.29%	0.00%	35.72%	28.22%	36.36%	0.00%	0.00%
32	19-3031.00	Clinical, Counseling, and School Psychologists	Life, Physical, and Social Science Occupations	Doctoral or professional degree	72	34	1,790	85	10	11	1	189	94	4,450	263	30	23	3	38.10%	36.17%	40.22%	32.32%	33.33%	47.83%	33.33%
33	53-2012.00	Commercial Pilots	Transportation and Material Moving Occupations	High school diploma or equivalent	34	16	730	27	10	12	1	144	65	3,260	50	21	12	1	23.61%	24.62%	22.39%	54.00%	47.62%	100.00%	100.00%
34	13-1041.00	Compliance Officers*	Business and Financial Operations Occupations	Bachelor's degree	37	7	2,160	217	54	0	0	120	28	6,570	872	160	2	1	30.83%	25.00%	32.88%	24.89%	33.75%	0.00%	0.00%
35	15-1111.00	Computer & Information Research Scientists	Computer and Mathematical Occupations	Doctoral or professional degree	0	0	0	60	15	0	0	3	0	230	503	55	13	3	0.00%	0.00%	0.00%	11.93%	27.27%	0.00%	0.00%
36	11-3021.00	Computer and Information Systems Managers	Management Occupations	Bachelor's degree	93	53	3,370	2,186	105	0	0	359	213	12,410	7,000	316	4	2	25.91%	24.88%	27.16%	31.23%	33.23%	0.00%	0.00%
37	17-2061.00	Computer Hardware Engineers	Architecture and Engineering Occupations	Bachelor's degree	0	0	0	159	24	9	1	19	3	760	554	64	11	2	0.00%	0.00%	0.00%	28.70%	37.50%	81.82%	50.00%
38	15-1143.00	Computer Network Architects	Computer and Mathematical Occupations	Bachelor's degree	26	6	1,540	320	50	0	0	96	27	5,390	1,503	156	0	0	27.08%	22.22%	28.57%	21.29%	32.05%	0.00%	0.00%
39	15-1152.00	Computer Network Support Specialists	Computer and Mathematical Occupations	Associate's degree	49	11	2,910	15	12	4	1	148	49	7,710	184	52	4	1	33.11%	22.45%	37.74%	8.15%	23.08%	100.00%	100.00%
40	51-4012.00	Computer Numerically Controlled Machine Tool Prog., M/P	Production Occupations	High school diploma or equivalent	36	13	760	39	14	23	1	67	25	1,380	110	41	31	2	53.73%	52.00%	55.07%	35.45%	34.15%	74.19%	50.00%
41	15-1131.00	Computer Programmers	Computer and Mathematical Occupations	Bachelor's degree	68	0	2,780	922	108	273	5	184	0	7,490	5,370	312	358	9	36.66%	0.00%	37.12%	17.17%	34.62%	76.26%	55.56%
42	15-1121.00	Computer Systems Analysts	Computer and Mathematical Occupations	Bachelor's degree	267	164	7,990	5,563	144	0	0	978	599	29,440	27,229	447	571	6	27.30%	27.38%	27.14%	20.43%	32.21%	0.00%	0.00%
43	15-1199.02	Computer Systems Engineers/Architects*	Computer and Mathematical Occupations	Bachelor's degree	42	5	2,860	4,355	134	57	3	103	6	7,520	33,233	436	61	4	40.78%	83.33%	38.03%	13.10%	30.73%	93.44%	75.00%
44	15-1151.00	Computer User Support Specialists	Computer and Mathematical Occupations	Certificate/Some college	119	56	4,910	3,702	195	15	3	459	225	18,150	15,091	622	36	7	25.93%	24.89%	27.05%	24.53%	31.35%	41.67%	42.86%
45	51-4011.00	Computer-Controlled Machine Tool Oper., M/P	Production Occupations	High school diploma or equivalent	268	93	5,770	314	49	30	2	608	230	12,430	46,423	134	173	4	44.08%	40.43%	46.42%	43.92%	36.57%	17.34%	50.00%
46	47-2061.00	Construction Laborers	Construction and Extraction Occupations	Less Than High School	409	140	13,510	40	16	35	1	1,129	411	35,980	346	61	998	7	36.23%	34.06%	37.55%	11.56%	26.23%	3.51%	14.29%

Northeast Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northeast Region							Statewide						Northeast Regional Percentage Share of Statewide Numbers							
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year OMI Trend Data	No. of Employers (OMI)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMI Employers	Forecast Data	Number of Forecasted
93	11-1021.00	General and Operations Managers	Management Occupations	Bachelor's degree	717	103	24,280	2,301	132	8	2	1,904	296	63,520	9,384	439	67	9	37.66%	34.80%	38.22%	24.52%	30.07%	11.94%	22.22%
94	27-1024.00	Graphic Designers	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	82	1	3,410	228	52	0	0	244	10	9,860	1,081	194	2	1	33.61%	10.00%	34.58%	21.09%	26.80%	0.00%	0.00%
95	17-2111.00	Health & Safety Engineers, ex. Mining Safety & Inspectors	Architecture and Engineering Occupations	Bachelor's degree	6	0	200	416	83	0	0	24	4	670	1,787	281	6	4	25.00%	0.00%	29.85%	23.28%	29.54%	0.00%	0.00%
96	29-2099.00	Health Technologists and Technicians, All Other	Healthcare Practitioners and Technical Occupations	High school diploma or equivalent	64	45	1,930	1,253	24	0	0	151	105	4,670	1,830	61	0	0	42.38%	42.86%	41.33%	68.47%	39.34%	0.00%	0.00%
97	21-1022.00	Healthcare Social Workers	Community and Social Service Occupations	Master's degree	106	44	2,570	751	30	0	0	282	116	6,900	1,456	74	0	0	37.59%	37.93%	37.25%	51.58%	40.54%	0.00%	0.00%
98	31-9099.00	Healthcare Support Workers, All Other	Healthcare Support Occupations	High school diploma or equivalent	45	19	1,230	1,198	26	15	1	102	37	3,100	1,658	61	33	3	44.12%	51.35%	39.68%	72.26%	42.62%	45.45%	33.33%
99	49-9021.00	Heating, AC, & Refrigeration Mechanics/Installers	Installation, Maintenance, and Repair Occupations	Certificate/Some college	117	58	3,860	82	18	0	0	298	147	9,890	353	76	188	7	39.26%	39.46%	39.03%	23.23%	23.68%	0.00%	0.00%
100	53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	Transportation and Material Moving Occupations	Certificate/Some college	528	108	24,720	2,690	66	324	4	1,597	353	73,110	16,734	228	14	14	33.06%	30.59%	33.81%	16.08%	28.95%	17.30%	28.57%
101	47-3019.00	Helpers, Construction Trades, All Other	Construction and Extraction Occupations	Less Than High School	0	0	0	0	0	0	0	11	5	440	0.00%	0.00%	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
102	47-3013.00	Helpers-Electricians	Construction and Extraction Occupations	High school diploma or equivalent	10	6	320	0	0	0	0	34	20	1,110	76	6	159	2	29.41%	30.00%	28.83%	0.00%	0.00%	0.00%	0.00%
103	51-9198.00	Helpers-Production Workers	Production Occupations	Less Than High School	229	0	7,020	468	93	40	2	665	0	20,390	1,812	280	160	8	34.44%	0.00%	34.43%	25.83%	33.21%	25.00%	25.00%
104	43-4161.00	Human Resources Assis., ex. Payroll & Timek	Office and Administrative Support Occupations	Associate's degree	18	0	1,620	564	98	0	0	56	0	4,990	1,516	299	1	1	32.14%	0.00%	32.46%	37.20%	32.78%	0.00%	0.00%
105	11-3121.00	Human Resources Managers	Management Occupations	Bachelor's degree	53	12	1,400	1,732	184	0	0	163	37	4,320	5,848	575	7	3	32.52%	32.43%	32.41%	29.62%	32.00%	0.00%	0.00%
106	13-1071.00	Human Resources Specialists	Business and Financial Operations Occupations	Bachelor's degree	203	15	7,730	1,118	99	0	0	452	58	16,180	3,720	339	9	3	44.91%	25.86%	47.78%	30.05%	29.20%	0.00%	0.00%
107	17-2112.00	Industrial Engineers	Architecture and Engineering Occupations	Bachelor's degree	123	2	4,120	4,382	191	0	0	366	23	11,710	19,962	606	31	5	33.61%	8.70%	35.18%	21.95%	31.52%	0.00%	0.00%
108	49-9041.00	Industrial Machinery Mechanics	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	261	107	5,950	257	86	10	3	736	301	16,780	1,121	235	76	11	35.46%	35.55%	35.46%	22.93%	36.60%	13.16%	27.27%
109	11-3051.00	Industrial Production Managers	Management Occupations	Bachelor's degree	141	0	4,990	341	84	5	3	346	0	12,210	1,207	265	27	10	40.75%	0.00%	40.87%	28.25%	31.70%	18.52%	30.00%
110	53-7051.00	Industrial Truck and Tractor Operators	Transportation and Material Moving Occupations	Less Than High School	178	2	7,060	97	25	15	2	630	13	24,790	1,864	147	55	3	28.25%	15.38%	28.48%	5.20%	17.01%	27.27%	66.67%
111	15-1122.00	Information Security Analysts	Computer and Mathematical Occupations	Bachelor's degree	0	0	0	1,008	55	5	1	55	30	1,920	4,723	186	230	4	0.00%	0.00%	0.00%	21.34%	29.57%	2.17%	25.00%
112	15-1199.00	Information Technology Project Managers*	Computer and Mathematical Occupations	Bachelor's degree	42	5	2,860	4,355	134	0	0	103	6	83,330	33,233	436	388	8	40.78%	83.33%	38.03%	13.10%	30.73%	0.00%	0.00%
113	51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	Production Occupations	High school diploma or equivalent	274	0	10,910	272	85	15	3	621	0	24,710	1,139	237	18	4	44.12%	0.00%	44.15%	23.88%	35.86%	83.33%	75.00%
114	25-9031.01	Instructional Designers and Technologists*	Education, Training, and Library Occupations	Master's degree	21	11	1,080	157	24	0	0	48	23	2,560	427	82	1	1	43.75%	47.83%	42.19%	29.79%	29.27%	0.00%	0.00%
115	43-9041.00	Insurance Claims and Policy Processing Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	165	25	5,590	111	20	0	0	511	74	17,460	427	61	400	1	32.29%	33.78%	32.02%	26.00%	32.79%	0.00%	0.00%
116	41-3021.00	Insurance Sales Agents	Sales and Related Occupations	High school diploma or equivalent	213	41	6,570	1,036	35	0	0	581	110	17,940	3,245	102	0	0	36.66%	37.27%	36.62%	31.93%	34.31%	0.00%	0.00%
117	13-2053.00	Insurance Underwriters	Business and Financial Operations Occupations	Bachelor's degree	27	0	1,430	156	18	2	1	93	0	4,930	851	46	282	4	29.03%	0.00%	29.01%	18.33%	39.13%	0.71%	25.00%
118	29-1063.00	Internists, General	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	23	5	670	409	22	0	0	81	21	2,220	795	58	3	1	28.40%	23.81%	30.18%	51.45%	37.93%	0.00%	0.00%
119	27-3091.00	Interpreters and Translators	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	18	10	500	70	8	0	0	91	56	2,200	264	44	0	0	19.78%	17.86%	22.73%	26.52%	18.18%	0.00%	0.00%
120	43-4111.00	Interviewers, Except Eligibility and Loan	Office and Administrative Support Occupations	High school diploma or equivalent	85	13	3,180	1,888	27	0	0	274	61	9,330	2,518	69	0	0	31.02%	21.31%	34.08%	74.98%	39.13%	0.00%	0.00%
121	23-1011.00	Lawyers	Legal Occupations	Doctoral or professional degree	160	43	8,010	381	47	0	0	406	111	20,180	1,659	142	0	0	39.41%	38.74%	39.69%	22.97%	33.10%	0.00%	0.00%
122	29-2061.00	Licensed Practical and Licensed Vocational Nurses	Healthcare Practitioners and Technical Occupations	Certificate/Some college	702	255	15,720	2,709	37	66	2	1,930	800	39,730	4,943	97	107	6	36.37%	31.88%	39.57%	54.80%	38.14%	61.68%	33.33%
123	53-3033.00	Truck Drivers, Light or Delivery Services	Transportation and Material Moving Occupations	High school diploma or equivalent	233	21	12,490	569	63	0	0	624	56	33,410	6,001	177	406	4	37.34%	37.50%	37.38%	9.48%	35.59%	0.00%	0.00%
124	43-4131.00	Loan Interviewers and Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	52	14	2,470	269	20	5	1	205	61	9,380	782	62	35	4	25.37%	22.95%	26.33%	34.40%	32.26%	14.29%	25.00%
125	13-2072.00	Loan Officers	Business and Financial Operations Occupations	Bachelor's degree	77	20	3,420	2,353	22	10	3	298	89	12,550	7,587	73	182	6	25.84%	22.47%	27.25%	31.01%	30.14%	5.49%	50.00%
126	13-1081.00	Logisticians*	Business and Financial Operations Occupations	Bachelor's degree	29	7	1,550	421	72	0	0	89	9	5,790	1,686	228	17	2	32.58%	27.78%	26.77%	24.97%	31.58%	0.00%	0.00%
127	13-1081.02	Logistics Analysts*	Business and Financial Operations Occupations	Bachelor's degree	29	7	1,550	421	72	3	1	89	9	5,790	1,686	228	3	1	32.58%	27.78%	26.77%	24.97%	31.58%	100.00%	100.00%
128	11-9199.08	Loss Prevention Managers*	Management Occupations	High school diploma or equivalent	269	43	10,260	2,057	156	0	0	762	118	29,190	8,360	452	46	8	35.30%	36.44%	35.15%	24.61%	34.51%	0.00%	0.00%
129	51-4041.00	Machinists	Production Occupations	High school diploma or equivalent	430	98	11,470	505	86	72	8	1,150	304	29,270	1,586	217	633	20	37.39%	32.24%	39.19%	31.84%	39.63%	11.37%	40.00%
130	29-2035.00	Magnetic Resonance Imaging Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	14	4	530	142	17	0	0	49	20	1,520	252	41	1	1	28.57%	20.00%	34.87%	56.35%	41.46%	0.00%	0.00%
131	49-9071.00	Maintenance and Repair Workers, General	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	615	79	20,450	2,203	208	331	5	1,638	247	53,070	7,176	638	460	19	37.55%	31.98%	38.53%	30.70%	32.60%	71.96%	26.32%
132	49-9043.00	Maintenance Workers, Machinery	Installation, Maintenance, and Repair Occupations	High school diploma or equivalent	35	11	1,470	6	2	47	7	104	33	4,420	12	6	116	18	33.65%	33.33%	33.26%	50.00%	33.33%	40.52%	38.89%
133	13-1111.00	Management Analysts	Business and Financial Operations Occupations	Bachelor's degree	197	104	6,740	6,042	108	0	0	624	290	24,080	30,314	369	500	3	31.57%	35.86%	27.99%	19.93%	29.27%	0.00%	0.00%
134	11-9199.00	Managers, All Other	Management Occupations	Bachelor's degree	269	43	10,260	2,057	156	15	4	762	118	29,190	8,360	452	46	8	35.30%	36.44%	35.15%	24.61%	34.51%	32.61%	50.00%
135	17-2199.04	Manufacturing Engineers*	Architecture and Engineering Occupations	Bachelor's degree	59	4	2,760	120	37	8	3	191	32	7,930	564	136	107	17	30.89%	12.50%	34.80%	21.28%	27.21%	7.48%	17.65%
136	17-3029.09	Manufacturing Production Technicians*	Architecture and Engineering Occupations	Associate's degree	33	0	1,350	62	18	18	2	89	2	3,560	177	56	383	13	37.08%	0.00%	37.92%	35.03%	32.14%	4.70%	15.38%

Northeast Regional In-Demand Occupations Report

October 2017

Ref. #	Ext. SOC	In-Demand Occupation - 236	Family	Typical Education Required for Entry ¹	Northeast Region							Statewide							Northeast Regional Percentage Share of Statewide Numbers						
					Regional Annual Openings	Regional Growth	2014 Regional Employment	Regional OMI Trend Data	Number of Employers (OMI)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth	2014 Statewide Employment	Statewide 4-Year OMI Trend Data	No. of Employers (OMI)	Statewide Forecast Data	No. of Forecasters	Total Annual Openings	Annual Growth	2014 Statewide Employment	OMI 4-Year Trend Data	Number of OMI Employers	Forecast Data	Number of Forecasters
185	29-1069.00	Physicians and Surgeons, All Other	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	332	114	8,100	1,001	21	631	2	710	255	16,910	2,119	67	665	4	46.76%	44.71%	47.90%	47.24%	31.34%	94.89%	50.00%
186	47-2152.00	Plumbers, Pipefitters, and Steamfitters	Construction and Extraction Occupations	High school diploma or equivalent	105	43	4,660	57	16	0	0	339	148	14,440	131	31	366	4	30.97%	29.05%	32.27%	43.51%	51.61%	0.00%	0.00%
187	51-9199.00	Production Workers, All Other	Production Occupations	High school diploma or equivalent	91	0	4,440	138	41	351	5	310	42	13,070	388	125	867	14	29.35%	0.00%	33.97%	35.57%	32.80%	40.48%	35.71%
188	43-5061.00	Production, Planning, and Expediting Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	153	16	5,060	517	106	25	1	412	49	13,390	2,208	340	25	1	37.14%	32.65%	37.79%	23.41%	31.18%	100.00%	100.00%
189	11-9141.00	Property, Real Estate & Community Assn Mgrs	Management Occupations	High school diploma or equivalent	88	21	3,830	101	24	0	0	237	58	10,300	564	93	0	0	37.13%	36.21%	37.18%	17.91%	25.81%	0.00%	0.00%
190	29-1066.00	Psychiatrists	Healthcare Practitioners and Technical Occupations	Doctoral or professional degree	21	8	470	146	23	37	4	63	27	1,360	319	55	110	8	33.33%	29.63%	34.56%	45.77%	41.82%	33.64%	50.00%
191	27-3031.00	Public Relations Specialists	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	36	10	2,200	887	113	0	0	132	40	7,710	2,676	334	3	1	27.27%	25.00%	28.53%	33.15%	33.83%	0.00%	0.00%
192	13-1023.00	Purchasing Agents, ex. Wholesale, Retail, & Farm	Business and Financial Operations Occupations	Bachelor's degree	115	2	4,120	841	128	0	0	342	0	12,450	3,563	393	20	1	33.63%	0.00%	33.09%	23.60%	32.57%	0.00%	0.00%
193	11-3061.00	Purchasing Managers	Management Occupations	Bachelor's degree	27	2	1,040	806	94	5	2	68	2	100,000	3,537	283	383	5	39.71%	100.00%	37.41%	22.79%	33.22%	1.31%	40.00%
194	19-4099.01	Quality Control Analysts*	Life, Physical, and Social Science Occupations	Associate's degree	39	1	900	33	16	3	1	73	8	1,560	173	61	68	5	53.42%	12.50%	57.69%	19.08%	26.23%	4.41%	20.00%
195	29-2034.00	Radiologic Technologists	Healthcare Practitioners and Technical Occupations	Associate's degree	83	19	3,360	2,728	26	30	2	259	88	9,050	3,993	67	93	2	32.05%	21.59%	37.13%	68.32%	38.81%	32.26%	100.00%
196	29-1141.00	Registered Nurses	Healthcare Practitioners and Technical Occupations	Bachelor's degree	1,897	731	49,430	9,335	74	7,024	8	4,833	1,777	129,550	29,481	206	15,260	26	39.25%	41.14%	38.16%	31.66%	35.92%	46.03%	30.77%
197	13-1041.07	Regulatory Affairs Specialists*	Business and Financial Operations Occupations	Bachelor's degree	37	7	2,160	217	54	2	1	120	28	6,570	872	160	2	1	30.83%	25.00%	32.88%	24.89%	33.75%	100.00%	100.00%
198	39-9041.00	Residential Advisors	Personal Care & Services	High school diploma or equivalent	59	25	1,120	4	4	0	0	131	53	2,570	10	8	0	0	45.04%	47.17%	43.58%	40.00%	50.00%	0.00%	0.00%
199	29-1126.00	Respiratory Therapists	Healthcare Practitioners and Technical Occupations	Associate's degree	75	22	2,250	1,634	24	45	1	194	56	5,880	2,677	57	57	2	38.66%	39.29%	38.27%	61.04%	42.11%	78.95%	50.00%
200	17-2199.08	Robotics Engineers*	Architecture and Engineering Occupations	Bachelor's degree	59	4	2,760	120	37	0	0	191	32	7,930	564	136	12	1	30.89%	12.50%	34.80%	21.28%	27.21%	0.00%	0.00%
201	41-9031.00	Sales Engineers	Sales and Related Occupations	Bachelor's degree	49	7	1,640	998	80	15	3	91	13	3,030	2,806	192	43	11	53.85%	53.85%	54.13%	35.57%	41.67%	34.88%	27.27%
202	11-2022.00	Sales Managers	Management Occupations	Bachelor's degree	148	21	5,380	2,171	151	17	5	396	58	14,300	8,246	423	71	12	37.37%	36.21%	37.62%	26.33%	35.70%	23.94%	41.67%
203	41-3099.00	Sales Representatives, Services, All Other	Sales and Related Occupations	High school diploma or equivalent	301	73	10,700	1,273	77	44	7	850	224	29,380	7,974	233	63	11	33.41%	32.59%	36.42%	15.96%	33.05%	69.84%	63.64%
204	41-4012.00	Sales Rep., Wholesale/Mfg. ex. Tech./Sci. Prod.	Sales and Related Occupations	High school diploma or equivalent	438	60	18,380	2,632	150	3	1	1,202	199	48,760	7,580	389	19	4	36.44%	30.15%	37.69%	34.72%	38.56%	15.79%	25.00%
205	41-4011.00	Sales Rep., Wholesale & Mfg. Tech./Sci. Prod.	Sales and Related Occupations	Bachelor's degree	237	66	8,300	2,500	97	19	2	610	132	23,220	11,666	278	56	7	38.55%	50.00%	35.75%	21.43%	34.89%	33.93%	28.57%
206	15-1199.10	Search Marketing Strategists*	Computer and Mathematical Occupations	Bachelor's degree	42	5	2,860	4,355	134	18	1	103	6	7,520	33,233	436	18	1	40.78%	83.33%	38.03%	13.10%	30.73%	100.00%	100.00%
207	43-6014.00	Secretaries, Except Legal, Medical, and Executive	Office and Administrative Support Occupations	High school diploma or equivalent	337	42	27,990	658	101	0	0	939	158	74,040	1,801	341	13	4	35.89%	26.58%	37.80%	36.54%	29.62%	0.00%	0.00%
208	41-3031.00	Securities/Commodities/Fin. Serv. Sales Agents	Sales and Related Occupations	Bachelor's degree	93	30	3,650	4,356	48	0	0	272	79	11,200	13,650	142	500	2	34.19%	37.97%	32.59%	31.91%	33.80%	0.00%	0.00%
209	25-3021.00	Self-Enrichment Education Teachers	Education, Training, and Library Occupations	High school diploma or equivalent	109	38	3,790	0	0	0	0	300	118	9,630	7	4	0	0	36.33%	32.20%	39.36%	0.00%	0.00%	0.00%	0.00%
210	47-2211.00	Sheet Metal Workers	Construction and Extraction Occupations	High school diploma or equivalent	39	7	1,510	7	5	0	0	126	25	4,690	67	20	145	2	30.95%	28.00%	32.20%	10.45%	25.00%	0.00%	0.00%
211	43-5071.00	Shipping, Receiving, and Traffic Clerks	Office and Administrative Support Occupations	High school diploma or equivalent	289	0	13,300	291	80	30	1	827	32	36,600	1,540	245	36	2	34.95%	0.00%	36.34%	18.90%	32.65%	83.33%	50.00%
212	11-9151.00	Social and Community Service Managers	Management Occupations	Bachelor's degree	68	16	1,980	277	37	18	2	156	34	4,590	682	103	51	3	43.59%	47.06%	43.14%	40.62%	35.92%	35.29%	66.67%
213	21-1093.00	Social and Human Service Assistants	Community and Social Service Occupations	High school diploma or equivalent	118	40	4,000	1,595	54	3	1	332	106	11,510	4,771	157	213	3	35.54%	37.74%	34.75%	33.43%	34.39%	1.41%	33.33%
214	15-1132.00	Software Developers, Applications	Computer and Mathematical Occupations	Bachelor's degree	214	121	6,500	2,725	123	79	9	836	467	25,840	17,133	357	1,799	26	25.60%	25.91%	25.15%	15.90%	34.45%	4.39%	34.62%
215	15-1133.00	Software Developers, Systems Software	Computer and Mathematical Occupations	Bachelor's degree	31	12	1,340	399	41	48	4	120	42	5,430	1,480	128	344	7	25.83%	28.57%	24.68%	26.96%	32.03%	13.95%	57.14%
216	15-1199.01	Software Quality Assurance Engineers and Testers*	Computer and Mathematical Occupations	Bachelor's degree	42	5	2,860	4,355	134	36	2	103	6	7,520	33,233	436	211	6	40.78%	83.33%	38.03%	13.10%	30.73%	17.06%	33.33%
217	29-1127.00	Speech-Language Pathologists	Healthcare Practitioners and Technical Occupations	Master's degree	99	48	2,020	637	20	0	0	269	135	5,320	1,670	50	0	0	36.80%	35.56%	37.97%	38.14%	40.00%	0.00%	0.00%
218	15-2041.00	Statisticians	Computer and Mathematical Occupations	Master's degree	8	5	170	106	19	6	1	44	28	880	474	68	6	1	18.18%	17.86%	19.32%	22.36%	27.94%	100.00%	100.00%
219	47-2221.00	Structural Iron and Steel Workers	Construction and Extraction Occupations	High school diploma or equivalent	13	0	790	2	2	0	0	38	2	2,190	16	5	99	2	34.21%	0.00%	36.07%	12.50%	40.00%	0.00%	0.00%
220	21-1011.00	Substance Abuse and Behavioral Disorder Counselors	Community and Social Service	Bachelor's degree	51	27	1,150	250	27	20	1	106	51	2,650	381	57	65	3	48.11%	52.94%	43.40%	65.62%	47.37%	30.77%	33.33%
221	11-9199.04	Supply Chain Managers*	Management Occupations	High school diploma or equivalent	269	43	10,260	2,057	156	0	0	762	118	29,190	8,360	452	0	0	35.30%	36.44%	35.15%	24.61%	34.51%	0.00%	0.00%
222	29-2099.07	Surgical Assistants*	Healthcare Practitioners and Technical Occupations	Certificate/Some College	64	45	1,930	1,253	24	0	0	151	105	4,670	1,830	61	15	1	42.38%	42.86%	41.33%	68.47%	39.34%	0.00%	0.00%
223	29-2055.00	Surgical Technologists	Healthcare Practitioners and Technical Occupations	Certificate/Some College	31	17	1,450	1,674	22	0	0	84	46	3,820	2,799	59	185	2	36.90%	36.96%	37.96%	59.81%	37.29%	0.00%	0.00%
224	51-2092.00	Team Assemblers	Production Occupations	High school diploma or equivalent	0	0	0	91	25	0	0	1,479	20	67,960	371	84	593	3	0.00%	0.00%	0.00%	24.53%	29.76%	0.00%	0.00%
225	27-3042.00	Technical Writers	Arts, Design, Entertainment, Sports, and Media Occupations	Bachelor's degree	12	4	370	310	42	22	1	40	12	1,250	892	145	22	1	30.00%	33.33%	29.60%	34.75%	28.97%	100.00%	100.00%
226	15-1143.01	Telecommunications Engineering Specialists*	Computer and Mathematical Occupations	Bachelor's degree	26	6	1,540	320	50	0	0	96	27	5,390	1,503	156	2	1	27.08%	22.22%	28.57%	21.29%	32.05%	0.00%	0.00%
227	49-2022.00	Telecomm. Equip. Install/Repair, ex. Line Install	Installation, Maintenance, and Repair Occupations	Certificate/Some College	29	0	3,170	44	15	0	0	63	0	6,970	2,085	50	2	1	46.03%	0.00%	45.48%	2.11%	30.00%	0.00%	0.00%
228	51-4111.00	Tool and Die Makers	Production Occupations	High school diploma or equivalent	22	0	4,450	78	26	18	2	55	0	11,080	380	94	59	8	40.00%	0.00%	40.16%	20.53%	27.66%	30.51%	25.00%