

MANUFACTURING								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION								
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
311	Food Manufacturing	Manufacturing Production Process Development	11Y3051	Industrial Production Managers**	93	6	6.6	0.8
312	Beverage and Tobacco Product Manufacturing					1	1	0.9
313	Textile Mills					1	0.6	1.2
321	Wood Product Manufacturing					2	1.9	0.8
322	Paper Manufacturing					2	2.6	1.3
323	Printing and Related Support Activities					2	2.5	1
324	Petroleum and Coal Products Manufacturing					1	0.8	1.2
325	Chemical Manufacturing					7	7.1	1.6
326	Plastics and Rubber Products Manufacturing					4	4.5	1.3
327	Nonmetallic Mineral Product Manufacturing					3	2.9	1.2
331	Primary Metal Manufacturing					3	2.8	1.3
332	Fabricated Metal Product Manufacturing					10	11	1.2
333	Machinery Manufacturing					6	6.8	1.1
334	Computer and Electronic Product Manufacturing					5	5.7	1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.1	1.1
336	Transportation Equipment Manufacturing					8	8.9	1
337	Furniture and Related Product Manufacturing					2	1.9	0.9
339	Miscellaneous Manufacturing					3	3.1	1
311	Food Manufacturing	Logistics & Inventory Control	11Y3071	Transportation, Storage & Distribution Managers**	120	3	2.3	0.2
312	Beverage and Tobacco Product Manufacturing					1	0.6	0.3
322	Paper Manufacturing					1	0.6	0.2
325	Chemical Manufacturing					2	1.4	0.2
326	Plastics and Rubber Products Manufacturing					1	0.9	0.2
333	Machinery Manufacturing					1	0.5	0.1
334	Computer and Electronic Product Manufacturing					1	0.6	0.1
336	Transportation Equipment Manufacturing					1	0.9	0.1
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	11Y9041	Engineering Managers**	151	1	0.4	0.8
325	Chemical Manufacturing					3	1.8	0.5
326	Plastics and Rubber Products Manufacturing					1	0.8	0.3
327	Nonmetallic Mineral Product Manufacturing					1	0.4	0.2
331	Primary Metal Manufacturing					1	0.4	0.2
332	Fabricated Metal Product Manufacturing					3	2.1	0.3
333	Machinery Manufacturing					6	4.1	0.8
334	Computer and Electronic Product Manufacturing					17	11.5	2.5
335	Electrical Equipment, Appliance, and Component Manufacturing					2	1.2	0.8
336	Transportation Equipment Manufacturing					10	6.5	0.9
339	Miscellaneous Manufacturing					2	1.4	0.5
311	Food Manufacturing	Logistics & Inventory Control	11Y9199	Managers, All Other (incl. Logistics Analysts)**	1,489	1	0.1	0.1
324	Petroleum and Coal Products Manufacturing					1	0.1	0.9
325	Chemical Manufacturing					6	0.4	0.5
326	Plastics and Rubber Products Manufacturing					1	0.1	0.1
332	Fabricated Metal Product Manufacturing					3	0.2	0.1
333	Machinery Manufacturing					3	0.2	0.2
334	Computer and Electronic Product Manufacturing					4	0.3	0.3
336	Transportation Equipment Manufacturing					6	0.4	0.2
339	Miscellaneous Manufacturing					3	0.2	0.3
311	Food Manufacturing	Logistics & Inventory Control	13Y1081	Logisticians**	101	1	1.3	0.1
322	Paper Manufacturing					1	0.5	0.2
325	Chemical Manufacturing					2	2.3	0.5
332	Fabricated Metal Product Manufacturing					1	0.9	0.1
333	Machinery Manufacturing					1	1.4	0.2
334	Computer and Electronic Product Manufacturing					4	3.6	0.6
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.5	0.3
336	Transportation Equipment Manufacturing					11	10.6	1.1
339	Miscellaneous Manufacturing					1	0.6	0.2
325	Chemical Manufacturing	Logistics & Inventory Control	13Y1111	Management Analysts (incl. Logistics Analysts)**	956	2	0.2	0.3
332	Fabricated Metal Product Manufacturing					1	0.1	0
333	Machinery Manufacturing					2	0.2	0.1
334	Computer and Electronic Product Manufacturing					6	0.6	0.5
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.1	0.3
336	Transportation Equipment Manufacturing					9	0.9	0.5
339	Miscellaneous Manufacturing					1	0.1	0.2
323	Printing and Related Support Activities	Manufacturing Production Process Development	15Y1132	Software Developers, Applications**	812	1	0.1	0.1
325	Chemical Manufacturing					2	0.2	0.2
332	Fabricated Metal Product Manufacturing					1	0.1	0
333	Machinery Manufacturing					6	0.7	0.5
334	Computer and Electronic Product Manufacturing					28	3.5	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.1	0.3
336	Transportation Equipment Manufacturing					9	1.1	0.6
339	Miscellaneous Manufacturing					2	0.3	0.4
333	Machinery Manufacturing	Manufacturing Production Process Development	15Y1133	Software Developers, Systems Software**	467	2	0.5	0.2
334	Computer and Electronic Product Manufacturing					50	10.8	5.6
336	Transportation Equipment Manufacturing					14	3	1
339	Miscellaneous Manufacturing					1	0.2	0.1

323	Printing and Related Support Activities	Manufacturing Production Process Development	15Y1199	Computer Occupations, All Other**	312	1	0.2	0.1
325	Chemical Manufacturing					1	0.4	0.1
333	Machinery Manufacturing					1	0.4	0.1
334	Computer and Electronic Product Manufacturing					3	0.9	0.2
336	Transportation Equipment Manufacturing					2	0.5	0.1
339	Miscellaneous Manufacturing					1	0.3	0.1
332	Fabricated Metal Product Manufacturing	Manufacturing Production Process Development	17Y2071	Electrical Engineers**	94	1	0.6	0.1
333	Machinery Manufacturing					4	4.3	0.7
334	Computer and Electronic Product Manufacturing					17	18	3.3
335	Electrical Equipment, Appliance, and Component Manufacturing					3	3.5	1.9
336	Transportation Equipment Manufacturing					5	5	0.6
333	Machinery Manufacturing	Manufacturing Production Process Development	17Y2072	Electronics Engineers, exc Computer**	94	1	1.4	0.2
334	Computer and Electronic Product Manufacturing					17	18.5	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1.4	0.6
336	Transportation Equipment Manufacturing					2	2	0.2
311	Food Manufacturing	Manufacturing Production Process Development	17Y2112	Industrial Engineers**	184	3	1.5	0.2
313	Textile Mills					1	0.3	0.7
321	Wood Product Manufacturing					1	0.7	0.4
322	Paper Manufacturing					2	1.3	0.9
324	Petroleum and Coal Products Manufacturing					1	0.6	1.3
325	Chemical Manufacturing					8	4.2	1.3
326	Plastics and Rubber Products Manufacturing					6	3.3	1.3
327	Nonmetallic Mineral Product Manufacturing					3	1.4	0.8
331	Primary Metal Manufacturing					3	1.6	1.1
332	Fabricated Metal Product Manufacturing					10	5.6	0.9
333	Machinery Manufacturing					13	6.9	1.6
334	Computer and Electronic Product Manufacturing					22	12.2	3
335	Electrical Equipment, Appliance, and Component Manufacturing					5	2.5	1.8
336	Transportation Equipment Manufacturing					32	17.6	2.8
337	Furniture and Related Product Manufacturing					2	1.2	0.8
339	Miscellaneous Manufacturing					6	3.5	1.6
322	Paper Manufacturing	Manufacturing Production Process Development	17Y2141	Mechanical Engineers**	257	1	0.4	0.3
324	Petroleum and Coal Products Manufacturing					1	0.3	0.7
325	Chemical Manufacturing					4	1.7	0.6
326	Plastics and Rubber Products Manufacturing					4	1.6	0.7
327	Nonmetallic Mineral Product Manufacturing					1	0.2	0.1
331	Primary Metal Manufacturing					2	0.7	0.5
332	Fabricated Metal Product Manufacturing					16	6.2	1.1
333	Machinery Manufacturing					32	12.3	3.3
334	Computer and Electronic Product Manufacturing					16	6.3	1.8
335	Electrical Equipment, Appliance, and Component Manufacturing					5	2	1.7
336	Transportation Equipment Manufacturing					31	11.9	2.2
337	Furniture and Related Product Manufacturing					1	0.2	0.1
339	Miscellaneous Manufacturing					4	1.6	0.8
322	Paper Manufacturing	Manufacturing Production Process Development	17Y2199	Engineers, All Other (including Robotics Engineers)**	173	1	0.4	0.1
324	Petroleum and Coal Products Manufacturing					1	0.3	0.4
325	Chemical Manufacturing					4	2.2	0.4
326	Plastics and Rubber Products Manufacturing					1	0.3	0.1
332	Fabricated Metal Product Manufacturing					3	1.8	0.2
333	Machinery Manufacturing					6	3.2	0.4
334	Computer and Electronic Product Manufacturing					8	4.5	0.7
335	Electrical Equipment, Appliance, and Component Manufacturing					2	0.9	0.4
336	Transportation Equipment Manufacturing					11	6.1	0.6
337	Furniture and Related Product Manufacturing					1	0.3	0.1
339	Miscellaneous Manufacturing					2	1.1	0.3
325	Chemical Manufacturing	Manufacturing Production Process Development	17Y3023	Electrical & Electronic Engineering Technicians**	89	1	0.9	0.2
333	Machinery Manufacturing					3	3.3	0.5
334	Computer and Electronic Product Manufacturing					20	22.2	3.4
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.8	1.3
336	Transportation Equipment Manufacturing					2	2	0.2
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	17Y3029	Engineering Techs, exc Drafters, All Other**	56	1	1.9	1.2
325	Chemical Manufacturing					1	2	0.2
326	Plastics and Rubber Products Manufacturing					1	1	0.1
332	Fabricated Metal Product Manufacturing					1	1.6	0.1
333	Machinery Manufacturing					2	3.3	0.2
334	Computer and Electronic Product Manufacturing					2	3.7	0.3
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1	0.2
336	Transportation Equipment Manufacturing					3	4.6	0.2
339	Miscellaneous Manufacturing					1	1.2	0.2
324	Petroleum and Coal Products Manufacturing	Manufacturing Production Process Development	19Y2031	Chemists**	83	1	1	0.9
325	Chemical Manufacturing					22	27	3.4
334	Computer and Electronic Product Manufacturing					1	0.9	0.1
311	Food Manufacturing	Manufacturing Production Process Development	19Y4031	Chemical Technicians**	69	1	1.2	0.1
324	Petroleum and Coal Products Manufacturing					1	2.1	1.4
325	Chemical Manufacturing					16	23.1	2.2
331	Primary Metal Manufacturing					1	0.8	0.1
325	Chemical Manufacturing	Manufacturing Production Process Development	41Y4011	Sales Reps, Whls/Mfg, Tech/SciProds**	489	7	1.4	0.8
332	Fabricated Metal Product Manufacturing					2	0.4	0.1
333	Machinery Manufacturing					8	1.7	0.7
334	Computer and Electronic Product Manufacturing					19	3.9	1.7
335	Electrical Equipment, Appliance, and Component Manufacturing					2	0.5	0.7

336	Transportation Equipment Manufacturing					2	0.4	0.1				
339	Miscellaneous Manufacturing					6	1.2	1				
311	Food Manufacturing	Manufacturing Production Process Development	41Y4012	Sales Reps/Wholesale/Mfg.Ex.Tech/Scntific**	1,625	16	1	1.1				
312	Beverage and Tobacco Product Manufacturing					10	0.6	5.2				
313	Textile Mills					2	0.1	1.5				
314	Textile Product Mills					3	0.2	3				
315	Apparel Manufacturing					2	0.1	2.1				
321	Wood Product Manufacturing					10	0.6	2.4				
322	Paper Manufacturing					8	0.5	2.3				
323	Printing and Related Support Activities					20	1.2	4.4				
324	Petroleum and Coal Products Manufacturing					2	0.1	1.2				
325	Chemical Manufacturing					11	0.7	1.4				
326	Plastics and Rubber Products Manufacturing					11	0.7	2				
327	Nonmetallic Mineral Product Manufacturing					11	0.7	2.9				
331	Primary Metal Manufacturing					5	0.3	1.4				
332	Fabricated Metal Product Manufacturing					33	2	2.1				
333	Machinery Manufacturing					23	1.4	2.3				
334	Computer and Electronic Product Manufacturing					10	0.6	0.9				
335	Electrical Equipment, Appliance, and Component Manufacturing					5	0.3	1.6				
336	Transportation Equipment Manufacturing					11	0.7	0.8				
337	Furniture and Related Product Manufacturing					8	0.5	2.3				
339	Miscellaneous Manufacturing					11	0.7	2.2				
327	Nonmetallic Mineral Product Manufacturing	Logistics & Inventory Control	43Y5032	Dispatchers**	207	5	2.2	1.2				
311	Food Manufacturing	Logistics & Inventory Control	43Y5061	Production, Planning & Expediting Clerks**	201	4	1.9	0.4				
312	Beverage and Tobacco Product Manufacturing					1	0.3	0.5				
313	Textile Mills					1	0.3	1				
315	Apparel Manufacturing					1	0.3	1.3				
321	Wood Product Manufacturing					1	0.6	0.5				
322	Paper Manufacturing					2	0.9	0.8				
323	Printing and Related Support Activities					3	1.5	1				
325	Chemical Manufacturing					5	2.6	1.1				
326	Plastics and Rubber Products Manufacturing					3	1.5	0.7				
327	Nonmetallic Mineral Product Manufacturing					1	0.6	0.4				
331	Primary Metal Manufacturing					2	1.1	0.9				
332	Fabricated Metal Product Manufacturing					8	4	0.8				
333	Machinery Manufacturing					7	3.4	1				
334	Computer and Electronic Product Manufacturing					7	3.5	1.1				
335	Electrical Equipment, Appliance, and Component Manufacturing					2	1.1	1				
336	Transportation Equipment Manufacturing					12	5.8	1.2				
337	Furniture and Related Product Manufacturing					2	0.8	0.7				
339	Miscellaneous Manufacturing					3	1.5	0.9				
311	Food Manufacturing					Logistics & Inventory Control	43Y5071	Shipping Receiving & Traffic Clerks**	682	18	2.6	1.3
312	Beverage and Tobacco Product Manufacturing									1	0.2	0.8
313	Textile Mills	2	0.3	1.9								
314	Textile Product Mills	1	0.2	1.7								
315	Apparel Manufacturing	2	0.3	2.8								
316	Leather and Allied Product Manufacturing	1	0.1	2.5								
321	Wood Product Manufacturing	3	0.5	0.9								
322	Paper Manufacturing	6	0.9	1.9								
323	Printing and Related Support Activities	9	1.3	2.1								
324	Petroleum and Coal Products Manufacturing	1	0.1	0.8								
325	Chemical Manufacturing	13	1.9	1.8								
326	Plastics and Rubber Products Manufacturing	12	1.7	2								
327	Nonmetallic Mineral Product Manufacturing	3	0.4	0.8								
331	Primary Metal Manufacturing	5	0.7	1.4								
332	Fabricated Metal Product Manufacturing	27	3.9	1.8								
333	Machinery Manufacturing	17	2.5	1.7								
334	Computer and Electronic Product Manufacturing	10	1.5	1.1								
335	Electrical Equipment, Appliance, and Component Manufacturing	5	0.8	1.8								
336	Transportation Equipment Manufacturing	17	2.5	1.2								
337	Furniture and Related Product Manufacturing	5	0.8	1.6								
339	Miscellaneous Manufacturing	10	1.5	2.1								
311	Food Manufacturing	Maintenance, Installation & Repair	49Y1011	1stYLine Spvrs/Mgrs, Mechanics/Installers**	330	5	1.6	0.5				
312	Beverage and Tobacco Product Manufacturing					1	0.3	0.7				
321	Wood Product Manufacturing					1	0.3	0.3				
322	Paper Manufacturing					2	0.5	0.7				
324	Petroleum and Coal Products Manufacturing					1	0.2	1.1				
325	Chemical Manufacturing					3	1	0.6				
326	Plastics and Rubber Products Manufacturing					2	0.6	0.5				
327	Nonmetallic Mineral Product Manufacturing					1	0.4	0.5				
331	Primary Metal Manufacturing					2	0.7	1				
332	Fabricated Metal Product Manufacturing					3	0.9	0.3				
333	Machinery Manufacturing					3	0.8	0.4				
334	Computer and Electronic Product Manufacturing					1	0.3	0.2				
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.2	0.3				
336	Transportation Equipment Manufacturing					4	1.1	0.4				
339	Miscellaneous Manufacturing					1	0.3	0.2				
311	Food Manufacturing					37	9.1	2.4				
312	Beverage and Tobacco Product Manufacturing					7	1.7	3.5				
313	Textile Mills					4	0.9	3.8				
314	Textile Product Mills					1	0.3	1.3				

321	Wood Product Manufacturing	Maintenance, Installation & Repair	49Y9041	Industrial Machinery Mechanics**	406	6	1.5	1.4
322	Paper Manufacturing					14	3.4	3.7
323	Printing and Related Support Activities					2	0.5	0.5
324	Petroleum and Coal Products Manufacturing					5	1.2	4.2
325	Chemical Manufacturing					22	5.3	2.7
326	Plastics and Rubber Products Manufacturing					14	3.4	2.1
327	Nonmetallic Mineral Product Manufacturing					7	1.7	1.6
331	Primary Metal Manufacturing					15	3.8	4
332	Fabricated Metal Product Manufacturing					18	4.5	1.1
333	Machinery Manufacturing					20	5	1.9
334	Computer and Electronic Product Manufacturing					4	1.1	0.5
335	Electrical Equipment, Appliance, and Component Manufacturing					2	0.6	0.8
336	Transportation Equipment Manufacturing					20	4.9	1.3
337	Furniture and Related Product Manufacturing					2	0.6	0.6
339	Miscellaneous Manufacturing					2	0.4	0.3
311	Food Manufacturing	Maintenance, Installation & Repair	49Y9043	Maintenance Workers, Machinery**	91	10	11.1	0.8
312	Beverage and Tobacco Product Manufacturing					1	1.3	0.7
313	Textile Mills					1	1.6	1.7
321	Wood Product Manufacturing					2	2.2	0.6
322	Paper Manufacturing					3	3	0.9
324	Petroleum and Coal Products Manufacturing					1	0.8	0.7
325	Chemical Manufacturing					4	4.2	0.6
326	Plastics and Rubber Products Manufacturing					5	6	1
327	Nonmetallic Mineral Product Manufacturing					2	2.3	0.6
331	Primary Metal Manufacturing					4	4	1.1
332	Fabricated Metal Product Manufacturing					7	7.7	0.5
333	Machinery Manufacturing					2	2	0.2
334	Computer and Electronic Product Manufacturing					1	1.5	0.2
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.3	0.7
336	Transportation Equipment Manufacturing					4	4.7	0.3
339	Miscellaneous Manufacturing					1	1	0.2
334	Computer and Electronic Product Manufacturing	Maintenance, Installation & Repair	49Y9062	Medical Equipment Repairers	55	1	1.3	0.1
339	Miscellaneous Manufacturing					1	2.1	0.2
311	Food Manufacturing	Maintenance, Installation & Repair	49Y9071	General Maintenance & Repair Workers**	909	21	2.3	2.3
312	Beverage and Tobacco Product Manufacturing					2	0.2	1.8
313	Textile Mills					1	0.1	2.4
314	Textile Product Mills					1	0.1	1.3
321	Wood Product Manufacturing					5	0.5	1.7
322	Paper Manufacturing					5	0.5	2.2
323	Printing and Related Support Activities					2	0.2	0.7
324	Petroleum and Coal Products Manufacturing					1	0.1	1.5
325	Chemical Manufacturing					11	1.2	2.4
326	Plastics and Rubber Products Manufacturing					8	0.9	2.3
327	Nonmetallic Mineral Product Manufacturing					5	0.5	1.9
331	Primary Metal Manufacturing					10	1.1	4.4
332	Fabricated Metal Product Manufacturing					13	1.4	1.4
333	Machinery Manufacturing					8	0.9	1.3
334	Computer and Electronic Product Manufacturing					4	0.4	0.7
335	Electrical Equipment, Appliance, and Component Manufacturing					3	0.3	1.6
336	Transportation Equipment Manufacturing					11	1.2	1.2
337	Furniture and Related Product Manufacturing					3	0.3	1.1
339	Miscellaneous Manufacturing					4	0.4	1.2
311	Food Manufacturing	Production	51Y1011	1st Line Svprs/Mgrs, Prod. & Operating Workers**	292	23	7.8	3.2
312	Beverage and Tobacco Product Manufacturing					3	0.9	2.8
313	Textile Mills					2	0.7	4.4
314	Textile Product Mills					2	0.7	4.3
315	Apparel Manufacturing					1	0.3	3
321	Wood Product Manufacturing					7	2.5	3.7
322	Paper Manufacturing					6	2.2	3.8
323	Printing and Related Support Activities					8	2.9	3.9
324	Petroleum and Coal Products Manufacturing					3	0.9	5.1
325	Chemical Manufacturing					14	4.9	3.9
326	Plastics and Rubber Products Manufacturing					13	4.5	4.4
327	Nonmetallic Mineral Product Manufacturing					7	2.3	3.3
331	Primary Metal Manufacturing					8	2.8	4.5
332	Fabricated Metal Product Manufacturing					32	11.1	4.3
333	Machinery Manufacturing					17	5.7	3.3
334	Computer and Electronic Product Manufacturing					9	3.1	1.9
335	Electrical Equipment, Appliance, and Component Manufacturing					5	1.7	3.2
336	Transportation Equipment Manufacturing					21	7.2	2.9
337	Furniture and Related Product Manufacturing					7	2.5	4.1
339	Miscellaneous Manufacturing					9	3.2	3.5
332	Fabricated Metal Product Manufacturing	Production	51Y2022	Electric/Electronic Equipment Assemblers**	88	1	0.6	0.1
333	Machinery Manufacturing					5	6.1	1.1
334	Computer and Electronic Product Manufacturing					40	45.8	8.9
335	Electrical Equipment, Appliance, and Component Manufacturing					15	17.5	10.1
336	Transportation Equipment Manufacturing					7	8	1
339	Miscellaneous Manufacturing					2	2.2	0.8
332	Fabricated Metal Product Manufacturing	Production	51Y2041	Structural Metal Fabricators & Fitters	87	43	49.1	2.8
333	Machinery Manufacturing					11	12.7	1.1
335	Electrical Equipment, Appliance, and Component Manufacturing					2	2.6	0.7

336	Transportation Equipment Manufacturing	Production	51Y2041	Structural Metal Fabrctors & Fitters	87	10	11.8	0.7
337	Furniture and Related Product Manufacturing					1	0.6	0.1
339	Miscellaneous Manufacturing					5	5.7	0.9
311	Food Manufacturing	Production	51Y2092	TeamAssemblers	1,322	33	2.5	1.9
312	Beverage and Tobacco Product Manufacturing					4	0.3	1.6
314	Textile Product Mills					3	0.2	2.9
316	Leather and Allied Product Manufacturing					1	0.1	3.8
321	Wood Product Manufacturing					44	3.3	9.1
322	Paper Manufacturing					8	0.6	1.9
323	Printing and Related Support Activities					5	0.4	1
324	Petroleum and Coal Products Manufacturing					3	0.2	1.9
325	Chemical Manufacturing					16	1.2	1.8
326	Plastics and Rubber Products Manufacturing					48	3.6	6.5
327	Nonmetallic Mineral Product Manufacturing					16	1.2	3.2
331	Primary Metal Manufacturing					9	0.7	2.2
332	Fabricated Metal Product Manufacturing					97	7.3	5.3
333	Machinery Manufacturing					132	10	10.7
334	Computer and Electronic Product Manufacturing					48	3.6	4.1
335	Electrical Equipment, Appliance, and Component Manufacturing					50	3.8	12.8
336	Transportation Equipment Manufacturing					268	20.3	15.1
337	Furniture and Related Product Manufacturing					44	3.3	9.9
339	Miscellaneous Manufacturing					74	5.6	11.6
311	Food Manufacturing	Production	51Y2099	Assemblers & Fabricators, All Other**	192	2	1.3	0.3
321	Wood Product Manufacturing					6	3.3	2.6
325	Chemical Manufacturing					1	0.7	0.3
326	Plastics and Rubber Products Manufacturing					3	1.6	0.8
327	Nonmetallic Mineral Product Manufacturing					2	1.1	0.8
332	Fabricated Metal Product Manufacturing					9	4.5	0.9
333	Machinery Manufacturing					7	3.9	1.2
334	Computer and Electronic Product Manufacturing					3	1.8	0.6
335	Electrical Equipment, Appliance, and Component Manufacturing					3	1.4	1.3
336	Transportation Equipment Manufacturing					32	16.8	3.5
337	Furniture and Related Product Manufacturing	Production	51Y3092	Food Batchmakers	150	5	2.5	2.1
339	Miscellaneous Manufacturing					10	5.1	3
311	Food Manufacturing	Production	51Y3092	Food Batchmakers	150	119	79.3	5.6
312	Beverage and Tobacco Product Manufacturing					2	1.4	0.8
311	Food Manufacturing	Production	51Y3093	Food Cooking Machine Operators & Tenders	53	39	74.3	1.7
326	Plastics and Rubber Products Manufacturing	Production	51Y4011	ComputerYControlledMachine Tool Operators**	264	12	4.5	1.2
331	Primary Metal Manufacturing					11	4	1.8
332	Fabricated Metal Product Manufacturing					104	39.3	4.2
333	Machinery Manufacturing					49	18.4	2.9
334	Computer and Electronic Product Manufacturing					13	5	0.9
335	Electrical Equipment, Appliance, and Component Manufacturing					10	3.7	1.8
336	Transportation Equipment Manufacturing					48	18.2	2
337	Furniture and Related Product Manufacturing					1	0.2	0.1
339	Miscellaneous Manufacturing					10	3.9	1.2
321	Wood Product Manufacturing	Production	51Y4031	Cutting, Punching & Press Machine Operators	80	1	1	0.4
322	Paper Manufacturing					1	1.2	0.6
326	Plastics and Rubber Products Manufacturing					6	7.6	2.2
331	Primary Metal Manufacturing					5	5.9	2.8
332	Fabricated Metal Product Manufacturing					25	31.5	3.6
333	Machinery Manufacturing					8	9.6	1.6
334	Computer and Electronic Product Manufacturing					2	2.5	0.4
335	Electrical Equipment, Appliance, and Component Manufacturing					2	3.1	1.6
336	Transportation Equipment Manufacturing					10	12.9	1.5
337	Furniture and Related Product Manufacturing	Production	51Y4033	Grind/Polish Machine Tool Setters & Operators	57	2	2.8	1.3
339	Miscellaneous Manufacturing					2	2.9	0.9
326	Plastics and Rubber Products Manufacturing					2	3.8	0.4
327	Nonmetallic Mineral Product Manufacturing					1	1.5	0.2
331	Primary Metal Manufacturing					7	12	2.1
332	Fabricated Metal Product Manufacturing					22	38.8	1.6
333	Machinery Manufacturing					10	17.6	1.1
335	Electrical Equipment, Appliance, and Component Manufacturing					1	1.8	0.4
336	Transportation Equipment Manufacturing	Production	51Y4041	Machinists**	649	7	11.8	0.5
339	Miscellaneous Manufacturing					3	6	0.7
311	Food Manufacturing					1	0.1	0
313	Textile Mills					1	0.1	0.3
321	Wood Product Manufacturing					1	0.1	0.1
322	Paper Manufacturing					3	0.4	0.5
323	Printing and Related Support Activities					1	0.1	0.1
324	Petroleum and Coal Products Manufacturing					1	0.2	1
325	Chemical Manufacturing					5	0.7	0.4
326	Plastics and Rubber Products Manufacturing					10	1.5	1.1
327	Nonmetallic Mineral Product Manufacturing					5	0.7	0.8
331	Primary Metal Manufacturing					12	1.9	2.2
332	Fabricated Metal Product Manufacturing					228	35.1	10.2
333	Machinery Manufacturing					108	16.6	7
334	Computer and Electronic Product Manufacturing					19	3	1.4
335	Electrical Equipment, Appliance, and Component Manufacturing					10	1.6	2.2
336	Transportation Equipment Manufacturing					78	12	3.6
337	Furniture and Related Product Manufacturing					3	0.5	0.6

339	Miscellaneous Manufacturing				18	2.7	2.3	
326	Plastics and Rubber Products Manufacturing	Production	51Y4081	Multiple Machine Tool Setters & Operators**	58	6	10.1	1.3
331	Primary Metal Manufacturing					3	5.5	1.1
332	Fabricated Metal Product Manufacturing					16	27	1.3
333	Machinery Manufacturing					9	16.3	1.2
334	Computer and Electronic Product Manufacturing					1	1.8	0.1
335	Electrical Equipment, Appliance, and Component Manufacturing					3	5.6	1.3
336	Transportation Equipment Manufacturing					12	20.6	1.1
337	Furniture and Related Product Manufacturing					2	2.6	0.5
339	Miscellaneous Manufacturing					3	5.5	0.8
321	Wood Product Manufacturing	Production	51Y4121	Welders, Cutters, Solderers & Brazers**	262	1	0.3	0.3
326	Plastics and Rubber Products Manufacturing					1	0.2	0.1
327	Nonmetallic Mineral Product Manufacturing					3	1	0.9
331	Primary Metal Manufacturing					5	1.9	2
332	Fabricated Metal Product Manufacturing					64	24.3	6.2
333	Machinery Manufacturing					35	13.2	4.9
334	Computer and Electronic Product Manufacturing					4	1.6	0.6
335	Electrical Equipment, Appliance, and Component Manufacturing					3	1.1	1.3
336	Transportation Equipment Manufacturing					33	12.5	3.3
337	Furniture and Related Product Manufacturing	2	0.9	1				
339	Miscellaneous Manufacturing	2	0.8	0.6				
331	Primary Metal Manufacturing	Production	51Y4122	Welding/Soldering/Brazing Machine Setters & Operators**	92	1	1.1	0.2
332	Fabricated Metal Product Manufacturing					27	29.1	1.2
333	Machinery Manufacturing					18	20	1.3
334	Computer and Electronic Product Manufacturing					1	1.2	0.1
335	Electrical Equipment, Appliance, and Component Manufacturing					3	3.2	0.6
336	Transportation Equipment Manufacturing					25	27	1.2
337	Furniture and Related Product Manufacturing					2	1.8	0.3
339	Miscellaneous Manufacturing					2	2.4	0.3
313	Textile Mills	Production	51Y5112	Printing Press Operators & Job Printers**	141	1	0.6	1.1
314	Textile Product Mills					1	0.5	1
322	Paper Manufacturing					12	8.5	4.2
323	Printing and Related Support Activities					78	55.5	21.9
326	Plastics and Rubber Products Manufacturing					4	3	0.9
339	Miscellaneous Manufacturing					1	0.9	0.3
322	Paper Manufacturing	Manufacturing Production Process Development	51Y8091	Chemical Plant & System Operators**	52	1	1.7	0.2
324	Petroleum and Coal Products Manufacturing					2	3.4	1.1
325	Chemical Manufacturing					48	91.5	4.2
311	Food Manufacturing	Production	51Y9011	Chemical Equipment Operators/Tenders	118	1	1	0
322	Paper Manufacturing					2	2	0.3
324	Petroleum and Coal Products Manufacturing					3	2.5	1.3
325	Chemical Manufacturing					94	79.3	5.6
326	Plastics and Rubber Products Manufacturing					5	4.4	0.4
331	Primary Metal Manufacturing					1	1.1	0.2
332	Fabricated Metal Product Manufacturing					1	0.9	0
336	Transportation Equipment Manufacturing					1	0.5	0
311	Food Manufacturing	Production	51Y9023	Mix/Blend Machine Setters, Operators & Tenders	121	18	15	1.2
312	Beverage and Tobacco Product Manufacturing					2	1.8	1.1
313	Textile Mills					1	0.5	0.7
322	Paper Manufacturing					2	2	0.7
324	Petroleum and Coal Products Manufacturing					4	3	3.4
325	Chemical Manufacturing					51	42.5	6.7
326	Plastics and Rubber Products Manufacturing					7	6	1.2
327	Nonmetallic Mineral Product Manufacturing					13	10.5	3
332	Fabricated Metal Product Manufacturing					1	0.7	0.1
336	Transportation Equipment Manufacturing					1	0.6	0
339	Miscellaneous Manufacturing					1	0.7	0.2
311	Food Manufacturing	Production	51Y9041	Extrudng/Formng/Compctng Machine Operators	64	6	8.8	0.4
312	Beverage and Tobacco Product Manufacturing					1	1.5	0.6
321	Wood Product Manufacturing					1	1.9	0.3
322	Paper Manufacturing					3	4.1	0.8
325	Chemical Manufacturing					7	10.6	1
326	Plastics and Rubber Products Manufacturing					19	29.9	3.4
327	Nonmetallic Mineral Product Manufacturing					15	23.2	3.9
331	Primary Metal Manufacturing					1	1.7	0.3
332	Fabricated Metal Product Manufacturing					1	1.6	0.1
335	Electrical Equipment, Appliance, and Component Manufacturing					1	0.9	0.2
336	Transportation Equipment Manufacturing					1	0.8	0
339	Miscellaneous Manufacturing					3	4.5	0.6
311	Food Manufacturing	Manufacturing Production Process Development	51Y9061	Inspectors, Testers, Sorters & Weighers	454	30	6.6	2.2
312	Beverage and Tobacco Product Manufacturing					3	0.7	1.9
313	Textile Mills					4	0.9	4.6
314	Textile Product Mills					2	0.4	2.4
315	Apparel Manufacturing					2	0.4	2.9
321	Wood Product Manufacturing					6	1.3	1.7
322	Paper Manufacturing					5	1.1	1.6
323	Printing and Related Support Activities					4	0.9	1.1
324	Petroleum and Coal Products Manufacturing					1	0.3	1.2
325	Chemical Manufacturing					22	4.8	3.2
326	Plastics and Rubber Products Manufacturing					25	5.6	4.7
327	Nonmetallic Mineral Product Manufacturing					8	1.8	2.1

331	Primary Metal Manufacturing					10	2.3	3.2
332	Fabricated Metal Product Manufacturing					40	8.9	2.9
333	Machinery Manufacturing					21	4.7	2.3
334	Computer and Electronic Product Manufacturing					25	5.4	2.8
335	Electrical Equipment, Appliance, and Component Manufacturing					9	2	3
336	Transportation Equipment Manufacturing					45	10	3.4
337	Furniture and Related Product Manufacturing					5	1	1.3
339	Miscellaneous Manufacturing					13	2.9	2.7
311	Food Manufacturing	Production	51Y9111	Packaging & Filling Machine Operators & Tenders	420	127	30.3	7.8
312	Beverage and Tobacco Product Manufacturing					22	5.2	10.3
313	Textile Mills					1	0.3	1.3
314	Textile Product Mills					1	0.2	0.8
321	Wood Product Manufacturing					3	0.6	0.6
322	Paper Manufacturing					8	1.9	2.1
323	Printing and Related Support Activities					4	0.9	0.8
324	Petroleum and Coal Products Manufacturing					2	0.4	1.5
325	Chemical Manufacturing					50	11.8	6
326	Plastics and Rubber Products Manufacturing					15	3.6	2.2
327	Nonmetallic Mineral Product Manufacturing					5	1.3	1.2
331	Primary Metal Manufacturing					3	0.6	0.6
332	Fabricated Metal Product Manufacturing					7	1.6	0.4
335	Electrical Equipment, Appliance, and Component Manufacturing					2	0.4	0.5
336	Transportation Equipment Manufacturing					2	0.4	0.1
337	Furniture and Related Product Manufacturing					1	0.3	0.4
339	Miscellaneous Manufacturing					7	1.6	1.1
311	Food Manufacturing	Production	51Y9199	Production Workers, All Other	570	62	10.9	2
312	Beverage and Tobacco Product Manufacturing					2	0.3	0.5
313	Textile Mills					1	0.1	0.4
314	Textile Product Mills					1	0.1	0.4
315	Apparel Manufacturing					1	0.1	0.2
316	Leather and Allied Product Manufacturing					1	0.2	2.1
321	Wood Product Manufacturing					10	1.7	1.1
322	Paper Manufacturing					14	2.4	1.8
323	Printing and Related Support Activities					5	0.9	0.5
324	Petroleum and Coal Products Manufacturing					1	0.2	0.5
325	Chemical Manufacturing					20	3.5	1.2
326	Plastics and Rubber Products Manufacturing					14	2.4	1
327	Nonmetallic Mineral Product Manufacturing					12	2.1	1.3
331	Primary Metal Manufacturing					10	1.7	1.2
332	Fabricated Metal Product Manufacturing					22	3.8	0.7
333	Machinery Manufacturing					17	2.9	0.7
334	Computer and Electronic Product Manufacturing					7	1.3	0.4
335	Electrical Equipment, Appliance, and Component Manufacturing					8	1.4	1.1
336	Transportation Equipment Manufacturing					27	4.8	0.9
337	Furniture and Related Product Manufacturing					4	0.7	0.5
339	Miscellaneous Manufacturing					16	2.8	1.4

MANUFACTURING										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Manufacturing Production Process Development	11E3051	Industrial Production Managers**	93	6	6.6	0.8	\$90,892	Bachelor's degree	1 to 5 years	None
				1	1	0.9				
				1	0.6	1.2				
				2	1.9	0.8				
				2	2.6	1.3				
				2	2.5	1				
				1	0.8	1.2				
				7	7.1	1.6				
				4	4.5	1.3				
				3	2.9	1.2				
				3	2.8	1.3				
				10	11	1.2				
				6	6.8	1.1				
				5	5.7	1				
				2	2.1	1.1				
				8	8.9	1				
Logistics & Inventory Control	11E3071	Transportation, Storage & Distribution Managers**	120	2	1.9	0.9	\$81,823	High school diploma or equivalent	More than 5 years	None
				1	0.5	0.1				
				1	0.6	0.1				
				1	0.9	0.1				
				3	2.3	0.2				
				1	0.6	0.3				
				1	0.6	0.2				
Manufacturing Production Process Development	11E9041	Engineering Managers**	151	2	1.4	0.2	\$123,223	Bachelor's degree	More than 5 years	None
				1	0.9	0.2				
				1	0.4	0.1				
				1	0.4	0.2				
				1	0.4	0.2				
				3	2.1	0.3				
				6	4.1	0.8				
				17	11.5	2.5				
				2	1.2	0.8				
				10	6.5	0.9				
Logistics & Inventory Control	11E9199	Managers, All Other (incl. Logistics Analysts)**	1,489	2	1.4	0.5	\$99,701	High school diploma or equivalent	1 to 5 years	None
				1	0.1	0.1				
				1	0.1	0.9				
				6	0.4	0.5				
				1	0.1	0.1				
				3	0.2	0.1				
				3	0.2	0.2				
				4	0.3	0.3				
Logistics & Inventory Control	13E1081	Logisticians**	101	6	0.4	0.2	\$65,953	Bachelor's degree	1 to 5 years	None
				3	0.2	0.3				
				1	1.3	0.1				
				1	0.5	0.2				
				2	2.3	0.5				
				1	0.9	0.1				
				1	1.4	0.2				
				4	3.6	0.6				
				1	0.5	0.3				
Logistics & Inventory Control	13E1111	Management Analysts (incl. Logistics Analysts)**	956	11	10.6	1.1	\$86,330	Bachelor's degree	1 to 5 years	None
				1	0.6	0.2				
				2	0.2	0.3				
				1	0.1	0				
				2	0.2	0.1				
				6	0.6	0.5				
				1	0.1	0.3				
				9	0.9	0.5				
Manufacturing Production Process Development	15E1132	Software Developers, Applications**	812	1	0.1	0.2	\$87,544	Bachelor's degree	None	None
				1	0.1	0				
				2	0.2	0.2				
				6	0.7	0.5				
				28	3.5	2.8				
				1	0.1	0.3				
				9	1.1	0.6				
				2	0.3	0.4				
Manufacturing Production Process Development	15E1133	Software Developers, Systems Software**	467	2	0.5	0.2	\$97,363	Bachelor's degree	None	None
				50	10.8	5.6				
				14	3	1				
				1	0.2	0.1				
				1	0.2	0.1				
Manufacturing Production Process Development	15E1199	Computer Occupations, All Other**	312	1	0.4	0.1	\$88,096	Bachelor's degree	None	None
				3	0.9	0.2				
				2	0.5	0.1				
				1	0.3	0.1				
				1	0.6	0.1				
				4	4.3	0.7				
Manufacturing Production Process Development	17E2071	Electrical Engineers**	94	17	18	3.3	\$91,445	Bachelor's degree	None	None
				3	3.5	1.9				
				5	5	0.6				
				1	1.4	0.2				

Manufacturing Production Process Development	17E2072	Electronics Engineers, exc Computer**	94	<table><tr><td>17</td><td>18.5</td><td>2.8</td></tr><tr><td>1</td><td>1.4</td><td>0.6</td></tr><tr><td>2</td><td>2</td><td>0.2</td></tr></table>	17	18.5	2.8	1	1.4	0.6	2	2	0.2	\$88,723	Bachelor's degree	None	None																																																			
17	18.5	2.8																																																																		
1	1.4	0.6																																																																		
2	2	0.2																																																																		
Manufacturing Production Process Development	17E2112	Industrial Engineers**	184	<table><tr><td>3</td><td>1.5</td><td>0.2</td></tr><tr><td>1</td><td>0.3</td><td>0.7</td></tr><tr><td>1</td><td>0.7</td><td>0.4</td></tr><tr><td>2</td><td>1.3</td><td>0.9</td></tr><tr><td>1</td><td>0.6</td><td>1.3</td></tr><tr><td>8</td><td>4.2</td><td>1.3</td></tr><tr><td>6</td><td>3.3</td><td>1.3</td></tr><tr><td>3</td><td>1.4</td><td>0.8</td></tr><tr><td>3</td><td>1.6</td><td>1.1</td></tr><tr><td>10</td><td>5.6</td><td>0.9</td></tr><tr><td>13</td><td>6.9</td><td>1.6</td></tr><tr><td>22</td><td>12.2</td><td>3</td></tr><tr><td>5</td><td>2.5</td><td>1.8</td></tr><tr><td>32</td><td>17.6</td><td>2.8</td></tr><tr><td>2</td><td>1.2</td><td>0.8</td></tr><tr><td>6</td><td>3.5</td><td>1.6</td></tr></table>	3	1.5	0.2	1	0.3	0.7	1	0.7	0.4	2	1.3	0.9	1	0.6	1.3	8	4.2	1.3	6	3.3	1.3	3	1.4	0.8	3	1.6	1.1	10	5.6	0.9	13	6.9	1.6	22	12.2	3	5	2.5	1.8	32	17.6	2.8	2	1.2	0.8	6	3.5	1.6	\$77,526	Bachelor's degree	None	None												
3	1.5	0.2																																																																		
1	0.3	0.7																																																																		
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6	3.5	1.6																																																																		
Manufacturing Production Process Development	17E2141	Mechanical Engineers**	257	<table><tr><td>1</td><td>0.4</td><td>0.3</td></tr><tr><td>1</td><td>0.3</td><td>0.7</td></tr><tr><td>4</td><td>1.7</td><td>0.6</td></tr><tr><td>4</td><td>1.6</td><td>0.7</td></tr><tr><td>1</td><td>0.2</td><td>0.1</td></tr><tr><td>2</td><td>0.7</td><td>0.5</td></tr><tr><td>16</td><td>6.2</td><td>1.1</td></tr><tr><td>32</td><td>12.3</td><td>3.3</td></tr><tr><td>16</td><td>6.3</td><td>1.8</td></tr><tr><td>5</td><td>2</td><td>1.7</td></tr><tr><td>31</td><td>11.9</td><td>2.2</td></tr><tr><td>1</td><td>0.2</td><td>0.1</td></tr><tr><td>4</td><td>1.6</td><td>0.8</td></tr></table>	1	0.4	0.3	1	0.3	0.7	4	1.7	0.6	4	1.6	0.7	1	0.2	0.1	2	0.7	0.5	16	6.2	1.1	32	12.3	3.3	16	6.3	1.8	5	2	1.7	31	11.9	2.2	1	0.2	0.1	4	1.6	0.8	\$78,333	Bachelor's degree	None	None																					
1	0.4	0.3																																																																		
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4	1.6	0.8																																																																		
Manufacturing Production Process Development	17E2199	Engineers, All Other (including Robotics Engineers)**	173	<table><tr><td>1</td><td>0.4</td><td>0.1</td></tr><tr><td>1</td><td>0.3</td><td>0.4</td></tr><tr><td>4</td><td>2.2</td><td>0.4</td></tr><tr><td>1</td><td>0.3</td><td>0.1</td></tr><tr><td>3</td><td>1.8</td><td>0.2</td></tr><tr><td>6</td><td>3.2</td><td>0.4</td></tr><tr><td>8</td><td>4.5</td><td>0.7</td></tr><tr><td>2</td><td>0.9</td><td>0.4</td></tr><tr><td>11</td><td>6.1</td><td>0.6</td></tr><tr><td>1</td><td>0.3</td><td>0.1</td></tr><tr><td>2</td><td>1.1</td><td>0.3</td></tr></table>	1	0.4	0.1	1	0.3	0.4	4	2.2	0.4	1	0.3	0.1	3	1.8	0.2	6	3.2	0.4	8	4.5	0.7	2	0.9	0.4	11	6.1	0.6	1	0.3	0.1	2	1.1	0.3	\$89,765	Bachelor's degree	None	None																											
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1	0.3	0.1																																																																		
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Manufacturing Production Process Development	17E3023	Electrical & Electronic Engineering Technicians**	89	<table><tr><td>1</td><td>0.9</td><td>0.2</td></tr><tr><td>3</td><td>3.3</td><td>0.5</td></tr><tr><td>20</td><td>22.2</td><td>3.4</td></tr><tr><td>2</td><td>2.8</td><td>1.3</td></tr><tr><td>2</td><td>2</td><td>0.2</td></tr></table>	1	0.9	0.2	3	3.3	0.5	20	22.2	3.4	2	2.8	1.3	2	2	0.2	\$60,196	Associate's degree	None	None																																													
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20	22.2	3.4																																																																		
2	2.8	1.3																																																																		
2	2	0.2																																																																		
Manufacturing Production Process Development	17E3029	Engineering Techs, exc Drafters, All Other**	56	<table><tr><td>1</td><td>1.9</td><td>1.2</td></tr><tr><td>1</td><td>2</td><td>0.2</td></tr><tr><td>1</td><td>1</td><td>0.1</td></tr><tr><td>1</td><td>1.6</td><td>0.1</td></tr><tr><td>2</td><td>3.3</td><td>0.2</td></tr><tr><td>2</td><td>3.7</td><td>0.3</td></tr><tr><td>1</td><td>1</td><td>0.2</td></tr><tr><td>3</td><td>4.6</td><td>0.2</td></tr><tr><td>1</td><td>1.2</td><td>0.2</td></tr></table>	1	1.9	1.2	1	2	0.2	1	1	0.1	1	1.6	0.1	2	3.3	0.2	2	3.7	0.3	1	1	0.2	3	4.6	0.2	1	1.2	0.2	\$60,259	Associate's degree	None	None																																	
1	1.9	1.2																																																																		
1	2	0.2																																																																		
1	1	0.1																																																																		
1	1.6	0.1																																																																		
2	3.3	0.2																																																																		
2	3.7	0.3																																																																		
1	1	0.2																																																																		
3	4.6	0.2																																																																		
1	1.2	0.2																																																																		
Manufacturing Production Process Development	19E2031	Chemists**	83	<table><tr><td>1</td><td>1</td><td>0.9</td></tr><tr><td>22</td><td>27</td><td>3.4</td></tr><tr><td>1</td><td>0.9</td><td>0.1</td></tr></table>	1	1	0.9	22	27	3.4	1	0.9	0.1	\$80,340	Bachelor's degree	None	None																																																			
1	1	0.9																																																																		
22	27	3.4																																																																		
1	0.9	0.1																																																																		
Manufacturing Production Process Development	19E4031	Chemical Technicians**	69	<table><tr><td>1</td><td>1.2</td><td>0.1</td></tr><tr><td>1</td><td>2.1</td><td>1.4</td></tr><tr><td>16</td><td>23.1</td><td>2.2</td></tr><tr><td>1</td><td>0.8</td><td>0.1</td></tr></table>	1	1.2	0.1	1	2.1	1.4	16	23.1	2.2	1	0.8	0.1	\$46,897	Associate's degree	None	ModerateEterm onEtheEjob training																																																
1	1.2	0.1																																																																		
1	2.1	1.4																																																																		
16	23.1	2.2																																																																		
1	0.8	0.1																																																																		
Manufacturing Production Process Development	41E4011	Sales Reps, Whls/Mfg, Tech/SciProds**	489	<table><tr><td>7</td><td>1.4</td><td>0.8</td></tr><tr><td>2</td><td>0.4</td><td>0.1</td></tr><tr><td>8</td><td>1.7</td><td>0.7</td></tr><tr><td>19</td><td>3.9</td><td>1.7</td></tr><tr><td>2</td><td>0.5</td><td>0.7</td></tr><tr><td>2</td><td>0.4</td><td>0.1</td></tr><tr><td>6</td><td>1.2</td><td>1</td></tr></table>	7	1.4	0.8	2	0.4	0.1	8	1.7	0.7	19	3.9	1.7	2	0.5	0.7	2	0.4	0.1	6	1.2	1	\$66,304	Bachelor's degree	None	ModerateEterm onEtheEjob training																																							
7	1.4	0.8																																																																		
2	0.4	0.1																																																																		
8	1.7	0.7																																																																		
19	3.9	1.7																																																																		
2	0.5	0.7																																																																		
2	0.4	0.1																																																																		
6	1.2	1																																																																		
Manufacturing Production Process Development	41E4012	Sales Reps/Wholesale/Mfg.Ex.Tech/Scntific**	1,625	<table><tr><td>16</td><td>1</td><td>1.1</td></tr><tr><td>10</td><td>0.6</td><td>5.2</td></tr><tr><td>2</td><td>0.1</td><td>1.5</td></tr><tr><td>3</td><td>0.2</td><td>3</td></tr><tr><td>2</td><td>0.1</td><td>2.1</td></tr><tr><td>10</td><td>0.6</td><td>2.4</td></tr><tr><td>8</td><td>0.5</td><td>2.3</td></tr><tr><td>20</td><td>1.2</td><td>4.4</td></tr><tr><td>2</td><td>0.1</td><td>1.2</td></tr><tr><td>11</td><td>0.7</td><td>1.4</td></tr><tr><td>11</td><td>0.7</td><td>2</td></tr><tr><td>11</td><td>0.7</td><td>2.9</td></tr><tr><td>5</td><td>0.3</td><td>1.4</td></tr><tr><td>33</td><td>2</td><td>2.1</td></tr><tr><td>23</td><td>1.4</td><td>2.3</td></tr><tr><td>10</td><td>0.6</td><td>0.9</td></tr><tr><td>5</td><td>0.3</td><td>1.6</td></tr><tr><td>11</td><td>0.7</td><td>0.8</td></tr><tr><td>8</td><td>0.5</td><td>2.3</td></tr><tr><td>11</td><td>0.7</td><td>2.2</td></tr></table>	16	1	1.1	10	0.6	5.2	2	0.1	1.5	3	0.2	3	2	0.1	2.1	10	0.6	2.4	8	0.5	2.3	20	1.2	4.4	2	0.1	1.2	11	0.7	1.4	11	0.7	2	11	0.7	2.9	5	0.3	1.4	33	2	2.1	23	1.4	2.3	10	0.6	0.9	5	0.3	1.6	11	0.7	0.8	8	0.5	2.3	11	0.7	2.2	\$59,725	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
16	1	1.1																																																																		
10	0.6	5.2																																																																		
2	0.1	1.5																																																																		
3	0.2	3																																																																		
2	0.1	2.1																																																																		
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20	1.2	4.4																																																																		
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5	0.3	1.6																																																																		
11	0.7	0.8																																																																		
8	0.5	2.3																																																																		
11	0.7	2.2																																																																		
Logistics & Inventory Control	43E5032	Dispatchers**	207	<table><tr><td>5</td><td>2.2</td><td>1.2</td></tr><tr><td>4</td><td>1.9</td><td>0.4</td></tr></table>	5	2.2	1.2	4	1.9	0.4	\$42,520	High school diploma or equivalent	None	ModerateEterm onEtheEjob training																																																						
5	2.2	1.2																																																																		
4	1.9	0.4																																																																		

Logistics & Inventory Control	43E5061	Production, Planning & Expediting Clerks**	201	1	0.3	0.5	\$46,716	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				1	0.3	1				
				1	0.3	1.3				
				1	0.6	0.5				
				2	0.9	0.8				
				3	1.5	1				
				5	2.6	1.1				
				3	1.5	0.7				
				1	0.6	0.4				
				2	1.1	0.9				
				8	4	0.8				
				7	3.4	1				
				7	3.5	1.1				
				2	1.1	1				
				12	5.8	1.2				
				2	0.8	0.7				
				3	1.5	0.9				
Logistics & Inventory Control	43E5071	Shipping Receiving & Traffic Clerks**	682	18	2.6	1.3	\$30,693	High school diploma or equivalent	None	ShortEterm onEtheEjob training
				1	0.2	0.8				
				2	0.3	1.9				
				1	0.2	1.7				
				2	0.3	2.8				
				1	0.1	2.5				
				3	0.5	0.9				
				6	0.9	1.9				
				9	1.3	2.1				
				1	0.1	0.8				
				13	1.9	1.8				
				12	1.7	2				
				3	0.4	0.8				
				5	0.7	1.4				
				27	3.9	1.8				
				17	2.5	1.7				
				10	1.5	1.1				
Maintenance, Installation & Repair	49E1011	1stPLine Spvrs/Mgrs, Mechanics/Installers**	330	5	0.8	1.8	\$70,566	High school diploma or equivalent	1 to 5 years	None
				17	2.5	1.2				
				5	0.8	1.6				
				10	1.5	2.1				
				5	1.6	0.5				
				1	0.3	0.7				
				1	0.3	0.3				
				2	0.5	0.7				
				1	0.2	1.1				
				3	1	0.6				
				2	0.6	0.5				
				1	0.4	0.5				
				2	0.7	1				
				3	0.9	0.3				
				3	0.8	0.4				
				1	0.3	0.2				
				1	0.2	0.3				
Maintenance, Installation & Repair	49E9041	Industrial Machinery Mechanics**	406	4	1.1	0.4	\$56,135	High school diploma or equivalent	None	LongEterm onEtheEjob training
				1	0.3	0.2				
				37	9.1	2.4				
				7	1.7	3.5				
				4	0.9	3.8				
				1	0.3	1.3				
				6	1.5	1.4				
				14	3.4	3.7				
				2	0.5	0.5				
				5	1.2	4.2				
				22	5.3	2.7				
				14	3.4	2.1				
				7	1.7	1.6				
				15	3.8	4				
				18	4.5	1.1				
				20	5	1.9				
				4	1.1	0.5				
Maintenance, Installation & Repair	49E9043	Maintenance Workers, Machinery**	91	2	0.6	0.8	\$47,703	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				20	4.9	1.3				
				2	0.6	0.6				
				2	0.4	0.3				
				10	11.1	0.8				
				1	1.3	0.7				
				1	1.6	1.7				
				2	2.2	0.6				
				3	3	0.9				
				1	0.8	0.7				
				4	4.2	0.6				
				5	6	1				
				2	2.3	0.6				
				4	4	1.1				
				7	7.7	0.5				
				2	2	0.2				
				1	1.5	0.2				
Maintenance, Installation & Repair	49E9062	Medical Equipment Repairers	55	2	2.3	0.7	\$47,388	Associate's degree	None	ModerateEterm onEtheEjob training
				4	4.7	0.3				
				1	1	0.2				
				1	1.3	0.1				
				1	2.1	0.2				
				21	2.3	2.3				
				2	0.2	1.8				
				1	0.1	2.4				

Maintenance, Installation & Repair	49E9071	General Maintenance & Repair Workers**	909	1	0.1	1.3	\$41,111	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				5	0.5	1.7				
				5	0.5	2.2				
				2	0.2	0.7				
				1	0.1	1.5				
				11	1.2	2.4				
				8	0.9	2.3				
				5	0.5	1.9				
				10	1.1	4.4				
				13	1.4	1.4				
				8	0.9	1.3				
				4	0.4	0.7				
				3	0.3	1.6				
				11	1.2	1.2				
				3	0.3	1.1				
				4	0.4	1.2				
Production	51E1011	1stPLine Spvrs/Mgrs, Prod. & Operating Workers**	292	23	7.8	3.2	\$56,877	Postsecondary nonEdegree award	1 to 5 years	None
				3	0.9	2.8				
				2	0.7	4.4				
				2	0.7	4.3				
				1	0.3	3				
				7	2.5	3.7				
				6	2.2	3.8				
				8	2.9	3.9				
				3	0.9	5.1				
				14	4.9	3.9				
				13	4.5	4.4				
				7	2.3	3.3				
				8	2.8	4.5				
				32	11.1	4.3				
				17	5.7	3.3				
				9	3.1	1.9				
5	1.7	3.2								
21	7.2	2.9								
7	2.5	4.1								
9	3.2	3.5								
Production	51E2022	Electric/Electronic Equipment Assemblers**	88	1	0.6	0.1	\$27,642	High school diploma or equivalent	None	ShortEterm onEtheEjob training
				5	6.1	1.1				
				40	45.8	8.9				
				15	17.5	10.1				
				7	8	1				
				2	2.2	0.8				
Production	51E2041	Structural Metal Fabrcators & Fitters	87	43	49.1	2.8	\$37,088	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				11	12.7	1.1				
				2	2.6	0.7				
				10	11.8	0.7				
				1	0.6	0.1				
				5	5.7	0.9				
Production	51E2092	Team Assemblers	1,322	33	2.5	1.9	\$24,913	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				4	0.3	1.6				
				3	0.2	2.9				
				1	0.1	3.8				
				44	3.3	9.1				
				8	0.6	1.9				
				5	0.4	1				
				3	0.2	1.9				
				16	1.2	1.8				
				48	3.6	6.5				
				16	1.2	3.2				
				9	0.7	2.2				
				97	7.3	5.3				
				132	10	10.7				
				48	3.6	4.1				
				50	3.8	12.8				
268	20.3	15.1								
44	3.3	9.9								
74	5.6	11.6								
Production	51E2099	Assemblers & Fabricators, All Other**	192	2	1.3	0.3	\$22,106	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				6	3.3	2.6				
				1	0.7	0.3				
				3	1.6	0.8				
				2	1.1	0.8				
				9	4.5	0.9				
				7	3.9	1.2				
				3	1.8	0.6				
				3	1.4	1.3				
				32	16.8	3.5				
				5	2.5	2.1				
				10	5.1	3				
Production	51E3092	Food Batchmakers	150	119	79.3	5.6	\$27,699	High school diploma or equivalent	Less than 1 year	ShortEterm onEtheEjob training
				2	1.4	0.8				
Production	51E3093	Food Cooking Machine Operators & Tenders	53	39	74.3	1.7	\$25,038	High school diploma or equivalent	Less than 1 year	ShortEterm onEtheEjob training
Production	51E4011	ComputerPControlled Machine Tool Operators**	264	12	4.5	1.2	\$37,203	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				11	4	1.8				
				104	39.3	4.2				
				49	18.4	2.9				
				13	5	0.9				
				10	3.7	1.8				
				48	18.2	2				
				1	0.2	0.1				
				1	1	0.4				
				1	1.2	0.6				

Production	51E4031	Cutting, Punching & Press Machine Operators	80	6	7.6	2.2	\$27,777	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				5	5.9	2.8				
				25	31.5	3.6				
				8	9.6	1.6				
				2	2.5	0.4				
				2	3.1	1.6				
				10	12.9	1.5				
				2	2.8	1.3				
				2	2.9	0.9				
				2	3.8	0.4				
Production	51E4033	Grind/Polish Machine Tool Setters & Operators	57	1	1.5	0.2	\$32,119	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				7	12	2.1				
				22	38.8	1.6				
				10	17.6	1.1				
				1	1.8	0.4				
				7	11.8	0.5				
				3	6	0.7				
				1	0.1	0				
				1	0.1	0.3				
				1	0.1	0.1				
Production	51E4041	Machinists**	649	3	0.4	0.5	\$37,522	High school diploma or equivalent	None	LongTerm onTheEjob training
				1	0.1	0.1				
				1	0.2	1				
				5	0.7	0.4				
				10	1.5	1.1				
				5	0.7	0.8				
				12	1.9	2.2				
				228	35.1	10.2				
				108	16.6	7				
				19	3	1.4				
Production	51E4081	Multiple Machine Tool Setters & Operators**	58	10	1.6	2.2	\$39,952	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				78	12	3.6				
				3	0.5	0.6				
				18	2.7	2.3				
				6	10.1	1.3				
				3	5.5	1.1				
				16	27	1.3				
				9	16.3	1.2				
				1	1.8	0.1				
				3	5.6	1.3				
Production	51E4121	Welders, Cutters, Solderers & Brazers**	262	12	20.6	1.1	\$35,479	High school diploma or equivalent	Less than 1 year	ModerateTerm onTheEjob training
				2	2.6	0.5				
				3	5.5	0.8				
				1	0.3	0.3				
				1	0.2	0.1				
				3	1	0.9				
				5	1.9	2				
				64	24.3	6.2				
				35	13.2	4.9				
				4	1.6	0.6				
Production	51E4122	Welding/Soldering/Brazing Machine Setters & Operators**	92	3	1.1	1.3	\$29,783	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				33	12.5	3.3				
				2	0.9	1				
				2	0.8	0.6				
				1	1.1	0.2				
				27	29.1	1.2				
				18	20	1.3				
				1	1.2	0.1				
				3	3.2	0.6				
				25	27	1.2				
Production	51E5112	Printing Press Operators & Job Printers**	141	2	1.8	0.3	\$40,042	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				2	2.4	0.3				
				1	0.6	1.1				
				1	0.5	1				
				12	8.5	4.2				
				78	55.5	21.9				
				4	3	0.9				
				1	0.9	0.3				
				1	1.7	0.2				
				2	3.4	1.1				
Manufacturing Production Process Development	51E8091	Chemical Plant & System Operators**	52	48	91.5	4.2	\$55,723	High school diploma or equivalent	None	LongTerm onTheEjob training
Production	51E9011	Chemical Equipment Operators/Tenders	118	1	1	0	\$45,901			
				2	2	0.3				
				3	2.5	1.3				
				94	79.3	5.6				
				5	4.4	0.4				
				1	1.1	0.2				
				1	0.9	0				
				1	0.5	0				
				18	15	1.2				
				2	1.8	1.1				
Production	51E9023	Mix/Blend Machine Setters, Operators & Tenders	121	1	0.5	0.7	\$34,186	High school diploma or equivalent	None	ModerateTerm onTheEjob training
				2	2	0.7				
				4	3	3.4				
				51	42.5	6.7				
				7	6	1.2				
				13	10.5	3				
				1	0.7	0.1				
				1	0.6	0				
				1	0.7	0.2				
				6	8.8	0.4				
				1	1.5	0.6				
				1	1.9	0.3				

Production	51E9041	Extrudng/Formng/Compctng Machine Operators	64	3	4.1	0.8	\$35,023	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				7	10.6	1				
				19	29.9	3.4				
				15	23.2	3.9				
				1	1.7	0.3				
				1	1.6	0.1				
				1	0.9	0.2				
				1	0.8	0				
				3	4.5	0.6				
				30	6.6	2.2				
Manufacturing Production Process Development	51E9061	Inspectors, Testers, Sorters & Weighers	454	3	0.7	1.9	\$34,512	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				4	0.9	4.6				
				2	0.4	2.4				
				2	0.4	2.9				
				6	1.3	1.7				
				5	1.1	1.6				
				4	0.9	1.1				
				1	0.3	1.2				
				22	4.8	3.2				
				25	5.6	4.7				
				8	1.8	2.1				
				10	2.3	3.2				
				40	8.9	2.9				
				21	4.7	2.3				
				25	5.4	2.8				
				9	2	3				
				45	10	3.4				
				5	1	1.3				
				13	2.9	2.7				
Production	51E9111	Packaging & Filling Machine Operators & Tenders	420	127	30.3	7.8	\$23,403	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				22	5.2	10.3				
				1	0.3	1.3				
				1	0.2	0.8				
				3	0.6	0.6				
				8	1.9	2.1				
				4	0.9	0.8				
				2	0.4	1.5				
				50	11.8	6				
				15	3.6	2.2				
				5	1.3	1.2				
				3	0.6	0.6				
				7	1.6	0.4				
				2	0.4	0.5				
				2	0.4	0.1				
				1	0.3	0.4				
				7	1.6	1.1				
Production	51E9199	Production Workers, All Other	570	62	10.9	2	\$31,298	High school diploma or equivalent	None	ModerateEterm onEtheEjob training
				2	0.3	0.5				
				1	0.1	0.4				
				1	0.1	0.4				
				1	0.1	0.2				
				1	0.2	2.1				
				10	1.7	1.1				
				14	2.4	1.8				
				5	0.9	0.5				
				1	0.2	0.5				
				20	3.5	1.2				
				14	2.4	1				
				12	2.1	1.3				
				10	1.7	1.2				
				22	3.8	0.7				
				17	2.9	0.7				
				7	1.3	0.4				
				8	1.4	1.1				
				27	4.8	0.9				
				4	0.7	0.5				
				16	2.8	1.4				

TRANSPORTATION, DISTRIBUTION & LOGISTICS								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION								
NAICS	DESCRIPTION	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of occupation	2022 Percent of Industry
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	1103061	Purchasing Managers**	78	5	5.9	0.1
424	Merchant Wholesalers, Nondurable Goods					4	4.6	0.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.3	0.1
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	1103071	Transportation, Storage & Distribution Managers**	120	7	6.2	0.2
424	Merchant Wholesalers, Nondurable Goods					10	8.6	0.5
425	Wholesale Electronic Markets and Agents and Brokers					2	1.4	0.1
481	Air Transportation					3	2.2	0.6
482	Rail Transportation					5	3.8	1.9
483	Water Transportation					1	0.5	0.7
484	Truck Transportation					12	10	0.7
485	Transit and Ground Passenger Transportation					1	1.2	0.3
488	Support Activities for Transportation					6	5.2	0.8
492	Couriers and Messengers					4	3.1	0.7
493	Warehousing and Storage					11	9.1	1.3
424	Merchant Wholesalers, Nondurable Goods	Health, Safety and Environmental Management	1301041	Compliance Officers**	94	1	1	0.1
424	Merchant Wholesalers, Nondurable Goods					1	1	0.1
423	Merchant Wholesalers, Durable Goods	Logistics Planning and Management Services	1301081	Logisticians**	101	4	3.6	0.2
424	Merchant Wholesalers, Nondurable Goods					2	2.3	0.2
425	Wholesale Electronic Markets and Agents and Brokers					1	1.2	0.2
481	Air Transportation					1	0.6	0.2
484	Truck Transportation					1	1.2	0.1
488	Support Activities for Transportation					2	1.6	0.3
492	Couriers and Messengers					1	0.5	0.1
493	Warehousing and Storage					2	2.1	0.4
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	1702112	Industrial Engineers (Supply Chain Engineer)	184	3	1.8	0.1
424	Merchant Wholesalers, Nondurable Goods					1	0.5	0.1
425	Wholesale Electronic Markets and Agents and Brokers					1	0.3	0.1
492	Couriers and Messengers					1	0.3	0.2
493	Warehousing and Storage	Transportation Systems/Infrastructure Planning, Mgt. an	1703023	Electrical & Electronic Engineering Technicians**	89	1	0.7	0.2
423	Merchant Wholesalers, Durable Goods					5	5.2	0.3
425	Wholesale Electronic Markets and Agents and Brokers	Logistics Planning and Management Services	4301011	1stNLine Supvrs/Mgrs, Office & Adm. Support Wkrs**	1,086	1	0.7	0.1
423	Merchant Wholesalers, Durable Goods					27	2.5	1.3
424	Merchant Wholesalers, Nondurable Goods					17	1.6	1.2
425	Wholesale Electronic Markets and Agents and Brokers					9	0.8	1.2
481	Air Transportation					7	0.6	2.3
482	Rail Transportation					1	0.1	0.5
484	Truck Transportation					7	0.6	0.6
485	Transit and Ground Passenger Transportation					2	0.2	0.6
488	Support Activities for Transportation					11	1	2.3
492	Couriers and Messengers					7	0.6	2.1
493	Warehousing and Storage					8	0.7	1.3
481	Air Transportation	Sales and Service	4304181	Reservation/Trans. Ticket Agents & Travel Clerks	65	38	58.2	17.2
483	Water Transportation					1	0.9	1.5
485	Transit and Ground Passenger Transportation					3	3.9	0.9
487	Scenic and Sightseeing Transportation					1	1	3.9
488	Support Activities for Transportation					3	4.9	0.9
424	Merchant Wholesalers, Nondurable Goods	Sales and Service	4305011	Cargo & Freight Agents (Route Planners)	226	1	0.4	0
425	Wholesale Electronic Markets and Agents and Brokers					1	0.3	0
481	Air Transportation					21	9.5	2.1
482	Rail Transportation					1	0.3	0.1
483	Water Transportation					3	1.2	1.5
484	Truck Transportation					19	8.3	0.5
488	Support Activities for Transportation					144	63.6	8.4
492	Couriers and Messengers					17	7.6	1.4
493	Warehousing and Storage					5	2.1	0.2
423	Merchant Wholesalers, Durable Goods	Transportation Operations	4305032	Dispatchers**	207	6	2.9	0.2
424	Merchant Wholesalers, Nondurable Goods					4	1.9	0.2
425	Wholesale Electronic Markets and Agents and Brokers					1	0.4	0.1
481	Air Transportation					2	0.8	0.4
482	Rail Transportation					3	1.4	1.4
484	Truck Transportation					37	17.9	2.6
485	Transit and Ground Passenger Transportation					16	7.8	3.2
488	Support Activities for Transportation					16	7.9	2.4
492	Couriers and Messengers					6	3.1	1.3
493	Warehousing and Storage	Warehousing and Distribution Center Operations	4305061	Production, Planning, & Expediting Clerks**	201	2	1.2	0.3
42	Wholesale Trade					17	8.3	0.4
423	Merchant Wholesalers, Durable Goods					8	4	0.4
424	Merchant Wholesalers, Nondurable Goods					6	3.1	0.4
425	Wholesale Electronic Markets and Agents and Brokers					2	1.2	0.3
481	Air Transportation					1	0.6	0.4
484	Truck Transportation					1	0.7	0.1
488	Support Activities for Transportation					3	1.4	0.6
492	Couriers and Messengers					1	0.5	0.3
493	Warehousing and Storage	Warehousing and Distribution Center Operations	4305071	Shipping, Receiving, & Traffic Clerks**	682	4	2.1	0.8
423	Merchant Wholesalers, Durable Goods					92	13.5	3.2
424	Merchant Wholesalers, Nondurable Goods					53	7.8	2.7
425	Wholesale Electronic Markets and Agents and Brokers					18	2.7	1.7
481	Air Transportation					1	0.1	0.2
483	Water Transportation					1	0.1	0.5
484	Truck Transportation					6	0.9	0.4
488	Support Activities for Transportation					12	1.8	1.8

492	Couriers and Messengers					34	5	7.2
493	Warehousing and Storage					32	4.7	4.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	4903011	Aircraft Mechanics & Service Technicians	91	1	0.7	0
481	Air Transportation					22	23.7	7.3
488	Support Activities for Transportation					32	34.7	6.3
492	Couriers and Messengers					3	3.6	0.9
423	Merchant Wholesalers, Durable Goods					2	1.5	0.1
425	Wholesale Electronic Markets and Agents and Brokers	Facility and Mobile Equipment Maintenance	4903021	Automotive Body & Related Repairers	165	1	0.6	0.1
484	Truck Transportation					1	0.5	0.1
423	Merchant Wholesalers, Durable Goods					11	1.7	0.4
424	Merchant Wholesalers, Nondurable Goods					1	0.1	0
425	Wholesale Electronic Markets and Agents and Brokers					2	0.3	0.2
484	Truck Transportation	Facility and Mobile Equipment Maintenance	4903023	Automotive Service Technicians & Mechanics**	667	3	0.5	0.2
485	Transit and Ground Passenger Transportation					3	0.4	0.6
488	Support Activities for Transportation					5	0.8	0.9
492	Couriers and Messengers					1	0.2	0.3
493	Warehousing and Storage					1	0.1	0.1
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	4903031	Bus & Truck Mechanics & Diesel Eng. Specialists**	197	21	10.6	1
424	Merchant Wholesalers, Nondurable Goods					5	2.4	0.3
425	Wholesale Electronic Markets and Agents and Brokers					1	0.7	0.2
481	Air Transportation					1	0.3	0.2
482	Rail Transportation					2	0.9	1.2
484	Truck Transportation					37	18.6	3.5
485	Transit and Ground Passenger Transportation					10	5	2.6
488	Support Activities for Transportation					3	1.6	0.6
492	Couriers and Messengers					4	1.8	1
493	Warehousing and Storage					2	0.8	0.3
482	Rail Transportation	Facility and Mobile Equipment Maintenance	4903043	Rail Car Repairers	52	28	53.5	5.2
488	Support Activities for Transportation					15	28.3	0.9
423	Merchant Wholesalers, Durable Goods	Facility and Mobile Equipment Maintenance	4903093	Tire Repairers & Changers	99	2	2.5	0.1
484	Truck Transportation					1	1.3	0.1
423	Merchant Wholesalers, Durable Goods	Warehousing and Distribution Center Operations	5101011	1stNLine Supvrs/Mgrs,Prod/Operating Workers**	292	8	2.7	0.5
424	Merchant Wholesalers, Nondurable Goods					4	1.5	0.4
425	Wholesale Electronic Markets and Agents and Brokers					1	0.4	0.2
486	Pipeline Transportation					1	0.2	3.9
488	Support Activities for Transportation					1	0.3	0.3
493	Warehousing and Storage	Warehousing and Distribution Center Operations	5301021	1stNLine Supvrs/Mgrs,Helpers & Laborers	232	1	0.5	0.4
423	Merchant Wholesalers, Durable Goods					20	8.6	0.5
424	Merchant Wholesalers, Nondurable Goods					23	9.9	0.9
425	Wholesale Electronic Markets and Agents and Brokers					4	1.6	0.3
481	Air Transportation					1	0.4	0.2
484	Truck Transportation					11	4.9	0.6
488	Support Activities for Transportation					8	3.5	0.9
492	Couriers and Messengers					22	9.6	3.6
493	Warehousing and Storage					32	13.7	3.2
42	Wholesale Trade	Warehousing and Distribution Center Operations	5301031	1stNLine Supvrs/Mgrs,Trans. Machine Operators**	122	18	14.5	0.5
423	Merchant Wholesalers, Durable Goods					6	4.7	0.3
424	Merchant Wholesalers, Nondurable Goods					11	8.9	0.9
425	Wholesale Electronic Markets and Agents and Brokers					1	1	0.2
481	Air Transportation					1	0.9	0.5
482	Rail Transportation					2	1.4	1.4
484	Truck Transportation					18	14.6	2.2
485	Transit and Ground Passenger Transportation					6	4.6	1.9
488	Support Activities for Transportation					5	4.1	1.3
492	Couriers and Messengers					6	4.6	2
493	Warehousing and Storage	6	4.7	1.3				
481	Air Transportation	Transportation Operations	5302011	Airline Pilots, Copilots, Flight Engineers	267	231	86.5	13.2
488	Support Activities for Transportation					3	1.2	0.1
481	Air Transportation	Transportation Operations	5302031	Flight Attendants	290	285	98.2	19.1
488	Support Activities for Transportation					1	0.5	0.1
485	Transit and Ground Passenger Transportation	Transportation Operations	5303021	Bus Drivers, Transit & Intercity	196	83	42.3	15.1
487	Scenic and Sightseeing Transportation					5	2.8	16.4
485	Transit and Ground Passenger Transportation	Transportation Operations	5303022	School Bus Drivers	459	189	41.2	41.1
423	Merchant Wholesalers, Durable Goods	Transportation Operations	5303032	Truck Drivers, Heavy & Tractor Trailer**	1,270	41	3.2	2
424	Merchant Wholesalers, Nondurable Goods					100	7.9	7.3
425	Wholesale Electronic Markets and Agents and Brokers					6	0.5	0.8
484	Truck Transportation					588	46.3	59.7
486	Pipeline Transportation					1	0.1	2.8
488	Support Activities for Transportation	39	3.1	8.5				
492	Couriers and Messengers	19	1.5	5.6				
493	Warehousing and Storage	28	2.2	5.3				
423	Merchant Wholesalers, Durable Goods	Transportation Operations	5303033	Truck Drivers, Light & Delivery Services	692	58	8.4	2.5
424	Merchant Wholesalers, Nondurable Goods					53	7.6	3.2
425	Wholesale Electronic Markets and Agents and Brokers					12	1.8	1.4
482	Rail Transportation					1	0.1	0.5
484	Truck Transportation					42	6.1	3.6
488	Support Activities for Transportation					8	1.2	1.5
492	Couriers and Messengers					118	17.1	30.5
493	Warehousing and Storage	13	1.9	2.1				
482	Rail Transportation	Transportation Operations	5304031	Railroad Conductors & Yardmasters	63	57	90.1	17.3
488	Support Activities for Transportation					1	1.3	0.1

TRANSPORTATION, DISTRIBUTION & LOGISTICS											
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION											
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupational Openings in Industry	2022 Percent of Occupation	2022 Percent of Industry	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level	
Logistics Planning and Management Services	11F3061	Purchasing Managers**	78	5	5.9	0.1	\$95,907	Bachelor's degree	More than 5 years	None	
Warehousing and Distribution Center Operations	11F3071	Transportation, Storage & Distribution Managers**	120	7	6.2	0.2	\$81,823	High school diploma or equivalent	More than 5 years	None	
				10	8.6	0.5					
				2	1.4	0.1					
				3	2.2	0.6					
				5	3.8	1.9					
				1	0.5	0.7					
				12	10	0.7					
				1	1.2	0.3					
				6	5.2	0.8					
				4	3.1	0.7					
				11	9.1	1.3					
				Health, Safety and Environmental Management	13F1041	Compliance Officers**					
Logistics Planning and Management Services	13F1081	Logisticians**	101	4	3.6	0.2	\$65,953	Bachelor's degree	1 to 5 years	None	
				2	2.3	0.2					
				1	1.2	0.2					
				1	0.6	0.2					
				1	1.2	0.1					
				2	1.6	0.3					
				1	0.5	0.1					
				2	2.1	0.4					
Warehousing and Distribution Center Operations	17F2112	Industrial Engineers (Supply Chain Engineer)	184	3	1.8	0.1	\$77,526	Bachelor's degree	None	None	
				1	0.5	0.1					
				1	0.3	0.1					
				1	0.3	0.2					
				1	0.7	0.2					
Transportation Systems/Infrastructure Planning, Mgt. and	17F3023	Electrical & Electronic Engineering Technicians**	89	5	5.2	0.3	\$60,196	Associate's degree	None	None	
Logistics Planning and Management Services	43F1011	1st QLine Supvrs/Mgrs, Office & Adm. Support Wrks**	1,086	1	0.7	0.1	\$53,109	High school diploma or equivalent	1 to 5 years	None	
				27	2.5	1.3					
				17	1.6	1.2					
				9	0.8	1.2					
				7	0.6	2.3					
				1	0.1	0.5					
				7	0.6	0.6					
				2	0.2	0.6					
				11	1	2.3					
				7	0.6	2.1					
Sales and Service	43F4181	Reservation/Trans. Ticket Agents & Travel Clerks	65	8	0.7	1.3	\$40,914	High school diploma or equivalent	None	Short term on the job training	
				38	58.2	17.2					
				1	0.9	1.5					
				3	3.9	0.9					
				1	1	3.9					
Sales and Service	43F5011	Cargo & Freight Agents (Route Planners)	226	3	4.9	0.9	\$44,745	High school diploma or equivalent	None	Short term on the job training	
				1	0.4	0					
				1	0.3	0					
				21	9.5	2.1					
				1	0.3	0.1					
				3	1.2	1.5					
				19	8.3	0.5					
				144	63.6	8.4					
				17	7.6	1.4					
				5	2.1	0.2					
Transportation Operations	43F5032	Dispatchers**	207	6	2.9	0.2	\$42,520	High school diploma or equivalent	None	Moderate term on the job training	
				4	1.9	0.2					
				1	0.4	0.1					
				2	0.8	0.4					
				3	1.4	1.4					
				37	17.9	2.6					
				16	7.8	3.2					
				16	7.9	2.4					
				6	3.1	1.3					
				2	1.2	0.3					
Warehousing and Distribution Center Operations	43F5061	Production, Planning, & Expediting Clerks**	201	17	8.3	0.4	\$46,716	High school diploma or equivalent	None	Moderate term on the job training	
				8	4	0.4					
				6	3.1	0.4					
				2	1.2	0.3					
				1	0.6	0.4					
				1	0.7	0.1					
				3	1.4	0.6					
				1	0.5	0.3					
				4	2.1	0.8					
Warehousing and Distribution Center Operations	43F5071	Shipping, Receiving, & Traffic Clerks**	682	92	13.5	3.2	\$30,693	High school diploma or equivalent	None	Short term on the job training	
				53	7.8	2.7					
				18	2.7	1.7					
				1	0.1	0.2					
				1	0.1	0.5					
				6	0.9	0.4					
				12	1.8	1.8					
				34	5	7.2					
				32	4.7	4.1					
				1	0.7	0					
Facility and Mobile Equipment Maintenance	49F3011	Aircraft Mechanics & Service Technicians	91	22	23.7	7.3	\$67,122	Postsecondary non degree award	None	None	
Facility and Mobile Equipment Maintenance	49F3021	Automotive Body & Related Repairers	165	32	34.7	6.3	\$51,224	High school diploma or equivalent	None	Moderate term on the job training	
Facility and Mobile Equipment Maintenance	49F3023	Automotive Service Technicians & Mechanics**	667	3	3.6	0.9	\$41,509	High school diploma or equivalent	None	Long term on the job training	
				2	1.5	0.1					
				1	0.6	0.1					
				1	0.5	0.1					
				11	1.7	0.4					
				1	0.1	0					
				2	0.3	0.2					
				3	0.5	0.2					
Facility and Mobile Equipment Maintenance	49F3031	Bus & Truck Mechanics & Diesel Eng. Specialists**	197	3	0.4	0.6	\$50,482	High school diploma or equivalent	None	Long term on the job training	
				5	0.8	0.9					
				1	0.2	0.3					
				1	0.1	0.1					
				21	10.6	1					
				5	2.4	0.3					
				1	0.7	0.2					
				1	0.3	0.2					
				2	0.9	1.2					

				4	1.8	1				
				2	0.8	0.3				
Facility and Mobile Equipment Maintenance	49F3043	Rail Car Repairers	52	28	53.5	5.2		High school diploma or equivalent	None	Long term on the job training
				15	28.3	0.9				
Facility and Mobile Equipment Maintenance	49F3093	Tire Repairers & Changers	99	2	2.5	0.1		\$25,224 High school diploma or equivalent	None	Moderate term on the job training
				1	1.3	0.1				
Warehousing and Distribution Center Operations	51F1011	1st QLine Supvrs/Mgrs, Prod/Operating Workers**	292	8	2.7	0.5				
				4	1.5	0.4				
				1	0.4	0.2		\$56,877 Postsecondary nondegree award	1 to 5 years	None
				1	0.2	3.9				
				1	0.3	0.3				
				1	0.5	0.4				
Warehousing and Distribution Center Operations	53F1021	1st QLine Supvrs/Mgrs, Helpers & Laborers	232	20	8.6	0.5				
				23	9.9	0.9				
				4	1.6	0.3				
				1	0.4	0.2		\$51,041 High school diploma or equivalent	1 to 5 years	None
				11	4.9	0.6				
				8	3.5	0.9				
				22	9.6	3.6				
				32	13.7	3.2				
Warehousing and Distribution Center Operations	53F1031	1st QLine Supvrs/Mgrs, Trans. Machine Operators**	122	18	14.5	0.5				
				6	4.7	0.3				
				11	8.9	0.9				
				1	1	0.2				
				1	0.9	0.5				
				2	1.4	1.4		\$60,964 High school diploma or equivalent	1 to 5 years	None
				18	14.6	2.2				
				6	4.6	1.9				
				5	4.1	1.3				
				6	4.6	2				
				6	4.7	1.3				
Transportation Operations	53F2011	Airline Pilots, Copilots, Flight Engineers	267	231	86.5	13.2		\$110,629 High school diploma or equivalent	1 to 5 years	Long term on the job training
				3	1.2	0.1				
Transportation Operations	53F2031	Flight Attendants	290	285	98.2	19.1		\$37,732 High school diploma or equivalent	None	Moderate term on the job training
				1	0.5	0.1				
Transportation Operations	53F3021	Bus Drivers, Transit & Intercity	196	83	42.3	15.1		\$64,049 High school diploma or equivalent	None	Moderate term on the job training
				5	2.8	16.4				
Transportation Operations	53F3022	School Bus Drivers	459	189	41.2	41.1		\$30,403 High school diploma or equivalent	None	Moderate term on the job training
Transportation Operations	53F3032	Truck Drivers, Heavy & Tractor Trailer**	1,270	41	3.2	2				
				100	7.9	7.3				
				6	0.5	0.8				
				588	46.3	59.7		\$45,349 High school diploma or equivalent	1 to 5 years	Short term on the job training
				1	0.1	2.8				
				39	3.1	8.5				
				19	1.5	5.6				
				28	2.2	5.3				
Transportation Operations	53F3033	Truck Drivers, Light & Delivery Services	692	58	8.4	2.5				
				53	7.6	3.2				
				12	1.8	1.4				
				1	0.1	0.5		\$34,141 High school diploma or equivalent	None	Short term on the job training
				42	6.1	3.6				
				8	1.2	1.5				
				118	17.1	30.5				
				13	1.9	2.1				
Transportation Operations	53F4031	Railroad Conductors & Yardmasters	63	57	90.1	17.3		High school diploma or equivalent	None	Moderate term on the job training
				1	1.3	0.1				

HEALTH CARE								
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEASTERN REGION								
NAICS	Description	Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation
621	Ambulatory Health Care Services	Health Informatics	11J3011	Administrative Services Managers **	281	17	5.9	0.2
622	Hospitals					17	6	0.3
623	Nursing and Residential Care Facilities					7	2.5	0.2
624	Social Assistance					5	1.7	0.2
622	Hospitals	Support Services	11J9051	Food Service Managers**	176	1	0.6	0
623	Nursing and Residential Care Facilities					4	2.2	0.2
624	Social Assistance					1	0.3	0
621	Ambulatory Health Care Services	Health Informatics	11J9111	Medical & Health Services Managers	299	90	30	1.3
622	Hospitals					109	36.4	2.1
623	Nursing and Residential Care Facilities					32	10.8	1.1
624	Social Assistance					6	1.9	0.2
621	Ambulatory Health Care Services	Support Services	21J1011	Substnce Abuse/Bhvrl Dsrdr Counslrs**	58	17	29.1	0.4
622	Hospitals					5	8.4	0.1
623	Nursing and Residential Care Facilities					13	22	0.7
624	Social Assistance					9	15.1	0.5
621	Ambulatory Health Care Services	Support Services	21J1014	Mental Health Counselors**	135	41	30.4	0.6
622	Hospitals					14	10	0.3
623	Nursing and Residential Care Facilities					24	17.6	0.7
624	Social Assistance					27	20.1	0.9
622	Hospitals	Support Services	21J1015	Rehabilitation Counselors	84	2	2.8	0.1
624	Social Assistance					38	45.7	1.8
621	Ambulatory Health Care Services	Support Services	21J1022	Medical Health Social Workers	106	27	25.1	0.5
622	Hospitals					30	28.4	0.8
623	Nursing and Residential Care Facilities					16	15.1	0.7
624	Social Assistance					15	14.6	0.7
621	Ambulatory Health Care Services	Support Services	21J1093	Social & Human Services Assistants**	263	21	8	0.4
622	Hospitals					8	3.1	0.2
623	Nursing and Residential Care Facilities					45	17.1	2
624	Social Assistance					107	40.7	5.1
621	Ambulatory Health Care Services	Support Services	21J1094	Community Health Workers	55	10	18.3	0.1
622	Hospitals					4	7.7	0.1
623	Nursing and Residential Care Facilities					3	5.7	0.1
624	Social Assistance					16	28.7	0.4
621	Ambulatory Health Care Services	Support Services	21J1099	Community/Social Services Specialists, All Other	115	5	4.4	0.1
622	Hospitals					4	3.2	0.1
623	Nursing and Residential Care Facilities					4	3.8	0.1
624	Social Assistance					30	25.9	0.9
621	Ambulatory Health Care Services	Therapeutic Services	29J1011	Chiropractors	66	46	69.4	0.4
622	Hospitals					1	0.8	0
621	Ambulatory Health Care Services	Therapeutic Services	29J1041	Optometrists	69	53	76.3	0.4
622	Hospitals					1	0.9	0
621	Ambulatory Health Care Services	Therapeutic Services	29J1051	Pharmacists	250	11	4.2	0.2
622	Hospitals					63	25.3	1.3
623	Nursing and Residential Care Facilities					1	0.2	0
621	Ambulatory Health Care Services	Therapeutic Services	29J1071	Physician Assistants	73	52	71.4	1
622	Hospitals					14	19.6	0.4
621	Ambulatory Health Care Services	Therapeutic Services	29J1122	Occupational Therapists	109	43	39.9	0.7
622	Hospitals					29	26.2	0.6
623	Nursing and Residential Care Facilities					10	9	0.3
624	Social Assistance					4	3.9	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29J1123	Physical Therapists	399	225	56.3	1.8
622	Hospitals					100	25	1
623	Nursing and Residential Care Facilities					27	6.7	0.5
624	Social Assistance					5	1.2	0.1
621	Ambulatory Health Care Services	Therapeutic Services	29J1126	Respiratory Therapists	61	5	7.6	0.1
622	Hospitals					49	79.8	1.7
623	Nursing and Residential Care Facilities					3	4.1	0.1
621	Ambulatory Health Care Services	Therapeutic Services	29J1127	SpeechOLanguage Pathologists	163	46	28.4	0.5
622	Hospitals					22	13.6	0.3
623	Nursing and Residential Care Facilities					8	4.9	0.2
624	Social Assistance					7	4.2	0.2
621	Ambulatory Health Care Services	Therapeutic Services	29J1141	Registered Nurses	2400	482	20.1	7.4
622	Hospitals					1,421	59.2	28.9
623	Nursing and Residential Care Facilities					168	7	5.8
624	Social Assistance					22	0.9	0.8
621	Ambulatory Health Care Services	Therapeutic Services	29J1171	Nurse Practitioners	109	68	62	1
622	Hospitals					28	25.4	0.6
623	Nursing and Residential Care Facilities					3	2.4	0.1
624	Social Assistance					1	0.8	0

621	Ambulatory Health Care Services	Diagnostic Services	29J2011	Med & Clinical Lab Technologists	101	33	32.3	0.7
622	Hospitals					58	57	1.6
621	Ambulatory Health Care Services	Diagnostic Services	29J2012	Medical & Clinical Lab Technicians	178	79	44.3	1.1
622	Hospitals					74	41.4	1.3
623	Nursing and Residential Care Facilities					1	0.5	0
621	Ambulatory Health Care Services	Therapeutic Services	29J2021	Dental Hygienists	209	204	97.4	2.8
622	Hospitals					1	0.3	0
621	Ambulatory Health Care Services	Diagnostic Services	29J2032	Diagnostic Medical Sonographers	65	26	39.9	0.4
622	Hospitals					36	55.8	0.7
621	Ambulatory Health Care Services	Diagnostic Services	29J2034	Radiologic Technologists/Technicians	113	41	36.7	1
622	Hospitals					64	56.9	2.1
621	Ambulatory Health Care Services	Therapeutic Services	29J2041	Emergency Medical Techs & Paramedics	326	179	55	1.8
622	Hospitals					50	15.2	0.7
621	Ambulatory Health Care Services	Therapeutic Services	29J2052	Pharmacy Technicians	301	11	3.5	0.2
622	Hospitals					49	16.2	1
623	Nursing and Residential Care Facilities					1	0.2	0
621	Ambulatory Health Care Services	Therapeutic Services	29J2061	Licensed Practical Nurses	710	205	28.9	3
622	Hospitals					116	16.3	2.3
623	Nursing and Residential Care Facilities					278	39.1	9.1
624	Social Assistance					10	1.4	0.4
621	Ambulatory Health Care Services	Health Informatics	29J2071	Med Records & Health Info Technicians	206	73	35.4	0.9
622	Hospitals					77	37.6	1.3
623	Nursing and Residential Care Facilities					18	8.9	0.5
624	Social Assistance					1	0.4	0
621	Ambulatory Health Care Services	Health Informatics	29J2081	Opticians, Dispensing	129	69	53.4	0.5
621	Ambulatory Health Care Services					69	53.4	0.5
622	Hospitals					1	0.4	0
622	Hospitals					1	0.4	0
621	Ambulatory Health Care Services	Health Informatics	29J9091	Athletic Trainers**	67	20	30.3	0.1
621	Ambulatory Health Care Services					20	30.3	0.1
622	Hospitals					8	12.6	0.1
622	Hospitals					8	12.6	0.1
621	Ambulatory Health Care Services	Therapeutic Services	31J1014	Nursing Assistants	1491	134	9	1.8
622	Hospitals					364	24.4	6.6
623	Nursing and Residential Care Facilities					804	53.9	24.4
624	Social Assistance					28	1.9	1
621	Ambulatory Health Care Services	Therapeutic Services	31J2011	Occupational Therapist Assistants	61	31	50.8	0.2
622	Hospitals					11	17.8	0.1
623	Nursing and Residential Care Facilities					13	20.5	0.2
624	Social Assistance					2	3.1	0
621	Ambulatory Health Care Services	Therapeutic Services	31J2021	Physical Therapist Assistants	119	73	61.2	0.7
622	Hospitals					27	22.9	0.3
623	Nursing and Residential Care Facilities					14	12.1	0.3
624	Social Assistance					1	0.7	0
621	Ambulatory Health Care Services	Therapeutic Services	31J2022	Physical Therapist Aides	106	72	67.9	0.5
622	Hospitals					22	21	0.2
623	Nursing and Residential Care Facilities					8	7.3	0.1
621	Ambulatory Health Care Services	Health Informatics	31J9011	Massage Therapists	152	37	24.6	0.5
621	Ambulatory Health Care Services					37	24.6	0.5
622	Hospitals					1	0.6	0
622	Hospitals					1	0.6	0
621	Ambulatory Health Care Services	Therapeutic Services	31J9091	Dental Assistants	247	236	95.4	4.1
622	Hospitals					2	0.7	0
621	Ambulatory Health Care Services	Health Informatics	31J9092	Medical Assistants	481	383	79.7	6.6
622	Hospitals					60	12.4	1.4
623	Nursing and Residential Care Facilities					10	2	0.4
621	Ambulatory Health Care Services	Health Informatics	31J9097	Phlebotomists	66	39	58.9	0.9
621	Ambulatory Health Care Services					39	58.9	0.9
622	Hospitals					24	36.9	0.7
622	Hospitals					24	36.9	0.7
621	Ambulatory Health Care Services	Health Informatics	31J9099	Healthcare Support Workers, All Other	217	49	22.5	0.3
622	Hospitals					74	33.9	0.6
623	Nursing and Residential Care Facilities					18	8.5	0.3
624	Social Assistance					3	1.6	0.1
622	Hospitals	Support Services	35J1012	1stOLine Svrs/Mgrs, Food Prep/Serv ** USE EMP	877	11	1.2	0.2
623	Nursing and Residential Care Facilities					24	2.7	0.7
624	Social Assistance					4	0.5	0.1
621	Ambulatory Health Care Services	Health Informatics	43J3011	Bill and Account Collectors**	468	55	11.8	0.6
622	Hospitals					22	4.6	0.3
623	Nursing and Residential Care Facilities					4	0.8	0.1
624	Social Assistance					1	0.2	0
621	Ambulatory Health Care Services	Health Informatics	43J4171	Receptionists & Information Clerks **	907	368	40.6	5.3
622	Hospitals					34	3.7	0.6
623	Nursing and Residential Care Facilities					26	2.9	0.8
624	Social Assistance					18	2	0.6

HEALTH CARE										
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEASTERN REGION										
Pathway	SOC Code	SOC Title	Average Annual Job Openings	Annual Occupation Openings in Industry	2022 Percent of Occupation that is in this Industry	2022 Percent of Employment in this Industry that is this Occupation	Median Annual	Education Entry Level	Experience Entry Level	Training Entry Level
Health Informatics	1193011	Administrative Services Managers **	281	17	5.9	0.2	\$70,845	High school diploma or equivalen	1 to 5 years	None
				17	6	0.3				
				7	2.5	0.2				
				5	1.7	0.2				
Support Services	1199051	Food Service Managers**	176	1	0.6	0	\$48,164	High school diploma or equivalen	1 to 5 years	None
				4	2.2	0.2				
				1	0.3	0				
Health Informatics	1199111	Medical & Health Services Managers	299	90	30	1.3	\$100,758	Bachelor's degree	None	None
				109	36.4	2.1				
				32	10.8	1.1				
				6	1.9	0.2				
Support Services	2191011	Substnce Abuse/Bhvr! Dsrdr Counslrs**	58	17	29.1	0.4	\$33,954	High school diploma or equivalen	None	Moderate9term on9the9job trainin
				5	8.4	0.1				
				13	22	0.7				
				9	15.1	0.5				
Support Services	2191014	Mental Health Counselors**	135	41	30.4	0.6	\$39,378	Master's degree	None	Internship/residency
				14	10	0.3				
				24	17.6	0.7				
				27	20.1	0.9				
Support Services	2191015	Rehabilitation Counselors	84	2	2.8	0.1	\$34,975	Master's degree	None	None
				38	45.7	1.8				
Support Services	2191022	Medical Health Social Workers	106	27	25.1	0.5	\$53,590	Master's degree	None	None
				30	28.4	0.8				
				16	15.1	0.7				
				15	14.6	0.7				
Support Services	2191093	Social & Human Services Assistants**	263	21	8	0.4	\$30,257	High school diploma or equivalen	None	Short9term on9the9job training
				8	3.1	0.2				
				45	17.1	2				
				107	40.7	5.1				
Support Services	2191094	Community Health Workers	55	10	18.3	0.1	\$35,788	High school diploma or equivalen	None	Short9term on9the9job training
				4	7.7	0.1				
				3	5.7	0.1				
				16	28.7	0.4				
Support Services	2191099	Community/Social Services Specialists, All Other	115	5	4.4	0.1	\$37,798	Master's degree	None	None
				4	3.2	0.1				
				4	3.8	0.1				
				30	25.9	0.9				
Therapeutic Services	2991011	Chiropractors	66	46	69.4	0.4	\$50,005	Doctoral or professional degree	None	None
				1	0.8	0				
Therapeutic Services	2991041	Optometrists	69	53	76.3	0.4	\$90,843	Doctoral or professional degree	None	None
				1	0.9	0				
Therapeutic Services	2991051	Pharmacists	250	11	4.2	0.2	\$121,701	Doctoral or professional degree	None	None
				63	25.3	1.3				
				1	0.2	0				
Therapeutic Services	2991071	Physician Assistants	73	52	71.4	1	\$86,551	Master's degree	None	None
				14	19.6	0.4				
Therapeutic Services	2991122	Occupational Therapists	109	43	39.9	0.7	\$80,670	Master's degree	None	None
				29	26.2	0.6				
				10	9	0.3				
				4	3.9	0.2				
Therapeutic Services	2991123	Physical Therapists	399	225	56.3	1.8	\$80,679	Doctoral or professional degree	None	None
				100	25	1				
				27	6.7	0.5				
				5	1.2	0.1				
Therapeutic Services	2991126	Respiratory Therapists	61	5	7.6	0.1	\$56,178	Associate's degree	None	None
				49	79.8	1.7				
				3	4.1	0.1				
Therapeutic Services	2991127	SpeechPLanguage Pathologists	163	46	28.4	0.5	\$72,907	Master's degree	None	None
				22	13.6	0.3				
				8	4.9	0.2				
				7	4.2	0.2				
Therapeutic Services	2991141	Registered Nurses	2400	482	20.1	7.4	\$71,914	Associate's or Bachelor's degree	None	None
				1,421	59.2	28.9				
				168	7	5.8				
				22	0.9	0.8				
Therapeutic Services	2991171	Nurse Practitioners	109	68	62	1	\$92,698	Master's degree	None	None
				28	25.4	0.6				
				3	2.4	0.1				
				1	0.8	0				
Diagnostic Services	2992011	Med & Clinical Lab Technologists	101	33	32.3	0.7	\$59,681	Bachelor's degree	None	None
				58	57	1.6				
Diagnostic Services	2992012	Medical & Clinical Lab Technicians	178	79	44.3	1.1	\$42,546	Associate's degree	None	None
				74	41.4	1.3				
				1	0.5	0				
Therapeutic Services	2992021	Dental Hygienists	209	204	97.4	2.8	\$73,703	Associate's degree	None	None
				1	0.3	0				

Diagnostic Services	2992032	Diagnostic Medical Sonographers	65	26	39.9	0.4	\$76,570	Associate's degree	None	None
				36	55.8	0.7				
Diagnostic Services	2992034	Radiologic Technolgsts/Technicians	113	41	36.7	1	\$62,511	Associate's degree	None	None
				64	56.9	2.1				
Therapeutic Services	2992041	Emergency Medical Techs & Paramedics	326	179	55	1.8	\$52,893	Postsecondary non9degree award	None	None
				50	15.2	0.7				
Therapeutic Services	2992052	Pharmacy Technicians	301	11	3.5	0.2	\$28,119	High school diploma or equivalen	None	Moderate9term on9the9job trainin
				49	16.2	1				
				1	0.2	0				
Therapeutic Services	2992061	Licensed Practical Nurses	710	205	28.9	3	\$48,251	Postsecondary non9degree award	None	None
				116	16.3	2.3				
				278	39.1	9.1				
				10	1.4	0.4				
Health Informatics	2992071	Med Records & Health Info Technicians	206	73	35.4	0.9	\$37,419	Postsecondary non9degree award	None	None
				77	37.6	1.3				
				18	8.9	0.5				
				1	0.4	0				
Health Informatics	2992081	Opticians, Dispensing	129	69	53.4	0.5	\$33,556	High school diploma or equivalen	None	Long9term on9the9job training
				69	53.4	0.5				
				1	0.4	0				
				1	0.4	0				
Health Informatics	2999091	Athletic Trainers**	67	20	30.3	0.1	\$42,663	Bachelor's degree	None	None
				20	30.3	0.1				
				8	12.6	0.1				
				8	12.6	0.1				
Therapeutic Services	3191014	Nursing Assistants	1491	134	9	1.8	\$24,449	Postsecondary non9degree award	None	None
				364	24.4	6.6				
				804	53.9	24.4				
				28	1.9	1				
Therapeutic Services	3192011	Occupational Therapist Assistants	61	31	50.8	0.2	\$61,757	Associate's degree	None	None
				11	17.8	0.1				
				13	20.5	0.2				
				2	3.1	0				
Therapeutic Services	3192021	Physical Therapist Assistants	119	73	61.2	0.7	\$55,267	Associate's degree	None	None
				27	22.9	0.3				
				14	12.1	0.3				
				1	0.7	0				
Therapeutic Services	3192022	Physical Therapist Aides	106	72	67.9	0.5	\$26,292	High school diploma or equivalen	None	Moderate9term on9the9job trainin
				22	21	0.2				
				8	7.3	0.1				
Health Informatics	3199011	Massage Therapists	152	37	24.6	0.5	\$26,951	Postsecondary non9degree award	None	None
				37	24.6	0.5				
				1	0.6	0				
				1	0.6	0				
Therapeutic Services	3199091	Dental Assistants	247	236	95.4	4.1	\$37,044	Postsecondary non9degree award	None	None
				2	0.7	0				
Health Informatics	3199092	Medical Assistants	481	383	79.7	6.6	\$31,227	High school diploma or equivalen	None	Moderate9term on9the9job trainin
				60	12.4	1.4				
				10	2	0.4				
Health Informatics	3199097	Phlebotomists	66	39	58.9	0.9	\$34,874	Postsecondary non9degree award	None	None
				39	58.9	0.9				
				24	36.9	0.7				
				24	36.9	0.7				
Health Informatics	3199099	Healthcare Support Workers, All Other	217	49	22.5	0.3	\$35,762	High school diploma or equivalen	None	Short9term on9the9job training
				74	33.9	0.6				
				18	8.5	0.3				
				3	1.6	0.1				
Support Services	3591012	1stPLine Svrs/Mgrs, Food Prep/Serv ** USE EMP	877	11	1.2	0.2	\$27,939	High school diploma or equivalen	1 to 5 years	None
				24	2.7	0.7				
				4	0.5	0.1				
Health Informatics	4393011	Bill and Account Collectors**	468	55	11.8	0.6	\$36,378	High school diploma or equivalen	None	Moderate9term on9the9job trainin
				22	4.6	0.3				
				4	0.8	0.1				
				1	0.2	0				
Health Informatics	4394171	Receptionists & Information Clerks **	907	368	40.6	5.3	\$27,591	High school diploma or equivalen	None	Short9term on9the9job training
				34	3.7	0.6				
				26	2.9	0.8				
				18	2	0.6				

INFORMATION TECHNOLOGY						
INDUSTRIES FOR PRINCIPAL OCCUPATIONS IN THE NORTHEAST REGION						
SOC Code	SOC Title	Average Annual Job Openings	NAICS	DESCRIPTION	Annual Occupational Openings in Industry	2022 Percent of occupation
1551121	Computer Systems Analysts	574	522	Credit intermediation and related activities	24	4.1
			524	Insurance carriers and related activities	47	8.2
			551	Management of companies and enterprises	42	7.3
			611	Educational services; state, local, and private	26	4.5
			5241	Insurance carriers	42	7.4
			5415	Computer systems design and related services	166	28.9
			5416	Management, scientific, and technical consulting services	22	3.9
			9992	State government, excluding education and hospitals	21	3.6
1551122	Information Security Analysts	64	522	Credit intermediation and related activities	5	8.3
			523	Securities, commodity contracts, and other financial investments and	3	4.4
			524	Insurance carriers and related activities	2	3.9
			551	Management of companies and enterprises	4	6.7
			5221	Depository credit intermediation	4	5.9
			5231	Securities and commodity contracts intermediation and brokerage	2	3.8
			5415	Computer systems design and related services	21	32.1
			5416	Management, scientific, and technical consulting services	4	6.3
1551131	Computer Programmers	718	524	Insurance carriers and related activities	26	3.6
			551	Management of companies and enterprises	25	3.5
			5112	Software publishers	39	5.4
			5415	Computer systems design and related services	292	40.6
			5613	Employment services	28	3.9
1551132	Software Developers, Applications	812	334	Computer and electronic product manufacturing	28	3.5
			524	Insurance carriers and related activities	42	5.2
			551	Management of companies and enterprises	35	4.3
			5112	Software publishers	65	8.0
			5241	Insurance carriers	36	4.4
			5415	Computer systems design and related services	316	38.9
			5416	Management, scientific, and technical consulting services	33	4.1
1551133	Software Developers, Systems Software	467	334	Computer and electronic product manufacturing	50	10.8
			423	Merchant wholesalers, durable goods	17	3.7
			5112	Software publishers	32	6.9
			5413	Architectural, engineering, and related services	21	4.5
			5415	Computer systems design and related services	177	37.8
			5416	Management, scientific, and technical consulting services	23	4.9
			5417	Scientific research and development services	16	3.5
1551134	Web Developers	110	519	Other information services	6	5.7
			611	Educational services; state, local, and private	6	5.2
			813	Religious, grantmaking, civic, professional, and similar organizations	5	4.8
			5415	Computer systems design and related services	21	19.1
			5416	Management, scientific, and technical consulting services	5	4.1
1551141	Database Administrators	120	522	Credit intermediation and related activities	5	3.9
			524	Insurance carriers and related activities	8	6.7
			551	Management of companies and enterprises	8	6.6
			611	Educational services; state, local, and private	11	8.8
			5241	Insurance carriers	6	5.4
			5415	Computer systems design and related services	24	20.4
			5416	Management, scientific, and technical consulting services	5	4.4
1551142	Network & Computer Sys. Administrators	284	517	Telecommunications	11	3.9
			524	Insurance carriers and related activities	12	4.4
			551	Management of companies and enterprises	15	5.2
			611	Educational services; state, local, and private	30	10.4
			5415	Computer systems design and related services	53	18.8
			5416	Management, scientific, and technical consulting services	10	3.5
1551143	Computer Network Architects	129	517	Telecommunications	12	9.4
			518	Data processing, hosting and related services	5	3.9
			524	Insurance carriers and related activities	7	5.1
			551	Management of companies and enterprises	6	4.9
			611	Educational services; state, local, and private	5	3.9
			5171	Wired telecommunications carriers	9	6.6
			5241	Insurance carriers	6	4.6
			5413	Architectural, engineering, and related services	5	3.5
			5415	Computer systems design and related services	41	31.8
			5416	Management, scientific, and technical consulting services	6	5.0
1551151	Computer User Support Specialists	502	423	Merchant wholesalers, durable goods	26	5.2
			551	Management of companies and enterprises	22	4.4
			611	Educational services; state, local, and private	64	12.7
			5112	Software publishers	22	4.3
			5415	Computer systems design and related services	123	24.6
			5613	Employment services	18	3.6
1551152	Computer Network Support Specialists	103	423	Merchant wholesalers, durable goods	4	4.3
			517	Telecommunications	8	7.3
			551	Management of companies and enterprises	5	4.8
			611	Educational services; state, local, and private	7	7.0
			622	Hospitals; state, local, and private	4	3.7
			5171	Wired telecommunications carriers	5	5.1
			5415	Computer systems design and related services	26	25.2

MANUFACTURING

NORTHEAST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type
Team Assemblers	No Related Program of Study for This Occupation			
Machinists** ComputerSControlled Machine Tool Operators**	48.0501	Machine Tool Technology		
	Community Colleges	College of Lake County	6	< 1Yr Cert
			1	Associate
		Elgin CC	2	112 Yr Cert
			1	Associate
		Kankakee CC	2	112 Yr Cert
		Prairie State College	2	112 Yr Cert
	48.0503	Mach Shop Technology	No Programs in this EDR*	
Packaging & Filling Machine Operators & Tenders	No Related Program of Study for This Occupation			
Food Batchmakers	No Related Program of Study for This Occupation			
Software Developers, Systems Software**	11.0102	Artificial Intelligence	No Programs in this EDR*	
	11.0103	Information Technology		
	Community Colleges	CCC1Harold Washington College	4	Associate
		CCC1Truman College	6	Associate
		CCC1Kennedy1King College	4	Associate
		CCC1Olive Harvey College	7	Associate
		CCC1Daley College	3	Associate
		CCC_Wright College	6	Associate
		College of Lake County	3	Associate
		Kankakee CC	1	Associate
		McHenry County College	6	Associate
		Morton College	1	Associate
		Oakton CC	2	Associate
		Prairie State College	7	Associate
	Public Universities	Northern IL University	36	Masters

	Independent Not For Profit Universities	DePaul University	24	Bachelor
		Elmhurst College	8	Bachelor
		IL Institute of Technology	24	Bachelor
		"	95	Masters
		Loyola University of Chicago	22	Masters
		Robert Morris of IL	32	Bachelor
		University of St. Francis	5	Bachelor
	Independent For Profit Universities	American Intercontinental University Online	220	Bachelor
			102	Masters
		Sanford Brown1Chicago	3	Associate
			5	Bachelor
	11.0102	Artificial Intelligence	No Programs in this EDR*	
	11.0201	Computer Programming, General		
	Community Colleges	Harper College	25	< 1 Yr Cert
		Joliet Junior College	10	Associate
		Kishwaukee College	1	< 1 Yr Cert
		McHenry County College	1	112 Yr Cert
		Moraine Valley CC	7	< 1 Yr Cert
		Oakton CC	1	Associate
		Prairie State College	3	< 1 Yr Cert
		Waubonsee CC	4	< 1 Yr Cert
			3	< 1 Yr Cert
	Independent Not For Profit Universities	DePaul University	42	Bachelor
			10	Masters
	Out of State Universities	University of Phoenix (AZ)	3	Bachelor
	11.0202	Computer Programming, Specific Applications		
	Community	College of DuPage	22	< 1 Yr Cert
			5	Associate
		College of Lake County	5	< 1 Yr Cert

	Colleges:	College of Lake County	2	Associate
		McHenry County College	2	< 1 Yr Cert
		Moraine Valley CC	11	< 1 Yr Cert
	Independent Not For Profit Universities	DePaul University	1	Bachelor
			12	Masters
	11.0401	Information Science/Studies		
	Community Colleges	CCC1Washington College	27	< 1 Yr Cert
		CCC1Truman College	32	< 1 Yr Cert
			6	112 Yr Cert
		CCC1Kennedy1King College	17	< 1 Yr Cert
		CCC1Malcolm X College	3	< 1 Yr Cert
		CCC1Olive1Harvey College	17	< 1 Yr Cert
			6	112 Yr Cert
		CCC1Daley College	25	< 1 Yr Cert
		CCC1Wright College	39	< 1 Yr Cert
			6	112 Yr Cert
		Harper College	11	Associate
		Oakton CC	9	< 1 Yr Cert
		So. Suburban Coll of Cook County	27	< 1 Yr Cert
			4	Associate
		Triton College	2	< 1 Yr Cert
			2	Associate
	Independent Not For Profit Universities	Benedictine University	4	Bachelor
		DePaul University	18	Bachelor
			154	Masters
		Elmhurst College	4	Bachelor
		National1Louis University	1	Bachelor
		Northwestern University	5	Bachelor
			57	Masters

		Oliver Nazarene University	5	Bachelor
		University of Illinois Chicago	33	Bachelor
	11.0701	Computer Science		
	Public Universities	Chicago State University	6	Bachelor
			18	Masters
		Governors State University	27	Bachelor
			10	Masters
		Northeastern IL University	49	Bachelor
			15	Masters
		Northern IL University	64	Bachelor
			62	Masters
		University of IL Chicago	73	Bachelor
			110	Masters
			11	Dr Research
	Independent Not For Profit	Aurora University	10	Bachelor
		Benedictine University	3	Bachelor
		DePaul University	56	Bachelor
			66	Masters
			4	Dr Research
		Dominican University	9	Bachelor
		Elmhurst College	9	Bachelor
		IL Institute of Technology	26	Bachelor
			177	Masters
			3	Dr Research
		Lake Forest College	5	Bachelor
		Lewis University	24	Bachelor
		Loyola University of Chicago	11	Masters
		North Central College	13	Bachelor
			29	Bachelor

Software Developers, Systems Software**		Northwestern University	45	Masters
			9	Dr Research
		Olivet Nazarene University	4	Bachelor
		Roosevelt University	24	Bachelor
			2	Masters
		St. Xavier University	12	Bachelor
		Trinity Christian College	2	Bachelor
		University of Chicago	18	Bachelor
			76	Masters
			5	Dr Research
		University of St. Francis	2	Bachelor
		Wheaton College	1	Bachelor
	14.0901	Computer Engineering, General		
	Public Universities	University of IL Chicago	22	Bachelor
	Independent Not For Profit Universities	IL Institute of Technology	31	Bachelor
			16	Masters
			2	Dr Research
		Northwestern University	15	Bachelor
			16	Masters
			2	Dr Research
	14.0903	Computer Software Engineering	No Programs in this EDR*	
	15.1204	Computer Software Technology		
	Community Colleges	Oakton Community College	3	< 1 Yr Cert
		Prairie State College	2	< 1 Yr Cert
Chemical Plant & System Operators**	41.0301	Chemical Technology		
	Community Colleges	CCC1Truman College	1	Associate
Inspectors, Testers, Sorters & Weighers	15.0702	Quality Control Technology		
	Community Colleges	CCC1Daley College	2	< 1 Yr Cert
	47.0303	Industrial Mechanics & Maint Technology		

Industrial Machinery Mechanics**	Community Colleges	CCC1Daley College	1	< 1 Yr Cert
			3	Associate
		College of Lake County	1	< 1 Yr Cert
		Elgin Community College	39	< 1 Yr Cert
			2	Associate
		Joliet Junior College	6	< 1 Yr Cert
			6	112 Yr Cert
			7	Associate
		Kankakee CC	2	< 1 Yr Cert
			1	112 Yr Cert
		Moraine Valley CC	1	112 Yr Cert
		Prairie State College	5	112 Yr Cert
		Waubonsee Community College	36	< 1 Yr Cert
			1	112 Yr Cert
			1	Associate

Notes: Kankakee Community College overlaps with the East Central EDR

* Potential supply: College of Lake County, Elgin Community College, Kankakee Community College, Moraine Valley Community College, Oakton Community College, Prairie State College, So. Suburban College of Cook County, Triton College, and Waubonsee College reported enrollment in 48.9999 (< 1 Yr Cert) of 130 students

** denotes occupations which occur in multiple clusters/pathways

TRANSPORTATION, DISTRIBUTION & LOGISTICS					
NORTHEAST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES					
Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	WIOA Eligible Training Providers
Truck Drivers, Heavy & Tractor Trailer**	49.0205	Truck/Bus Driver/Comm'l Vehicle Oper			
Truck Drivers, Light & Delivery Services School Bus Drivers	Community Colleges	CCC Olive Harvey College	2,973*	< 1 Yr Cert	
		Elgin Community College	38	< 1 Yr Cert	
Flight Attendants	49.0106	Airline Flight Attendant	No Programs in this EDR		
Shipping, Receiving, & Traffic Clerks**	No Related Program of Study for This Occupation				
Cargo & Freight Agents (Route Planners)	52.0408	Gen'l Office Occhs/Clerical Services			
	Community Colleges	Kishwaukee	11	1"2 Yr Cert	
		Morton	4	< 1 Yr Cert	
		Elgin CC	2	< 1 Yr Cert	
	52.0410	Traffic/Customs/Transp Clerk/Tech	No programs in the EDR		

HEALTH CARE

NORTHEAST REGION EDUCATIONAL SUPPLY DATA – TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type
Registered Nurses	51.3801	Registered Nursing			Related Programs			
	Community Colleges	CCC-Truman Coll	143	Associate	DePaul Univ			
		CCC-Malcolm X	62	Associate	51.3804	Nurse Anesthetist	94	Masters
		CCC-Daley Coll	74	Associate	51.3805	Family Practice Nursing	10	Post Mstr Cert
		CCC-Wright Coll	46	Associate	51.3818	Nursing Practice	1	Dr Prof'l Prac
		Coll of DuPage	115	Associate	Elmhurst College			
		Coll of Lake County	85	Associate	51.3813	Clinical Nurse Specialist	62	Bachelor
		Elgin CC	96	Associate	51.3820	Clinical Nurse Leader	24	Masters
		Harper College	103	Associate	Loyola Univ Chicago			
		Joliet Jr College	125	Associate	51.3802	Nurse Administration	12	Masters
		Kankakee CC	49	Associate	51.3803	Adult Health Nursing	15	Masters
		Kishwaukee College	66	Associate	51.3805	Family Practice Nursing	37	Masters
		McHenry County College	35	Associate			6	Post Mstr Cert
		Moraine Valley CC	82	Associate	51.3808	Nursing Science	5	Dr Research
		Morton College	22	Associate	51.3818	Nursing Practice	9	Dr Research
		Oakton CC	80	Associate	51.3813	Clinical Nurse Specialist	9	Masters
		Prairie State College	60	Associate	51.3814	Critical Care Nursing	11	Masters
		So. Suburban Coll of Cook Co.	29	Associate	51.3818	Women's Health Nursing	2	Masters
		Triton College	72	Associate	51.3822	Women's Health Nursing	2	Masters
		Waubensee CC	87	Associate	51.3899	Reg Nursing, Nursing Admin, Nursing	3	Post Mstr Cert
	Public Universities	Chicago State Univ	28	Bachelor	51.9999	Health Profs & Related Clinical Sciences, Other	1	Masters
			1	Masters	Univ of St. Francis			
		Governors State Univ	66	Bachelor	51.3802	Nurse Administration	26	Masters
		Northern IL Univ	227	Bachelor	Chamberlain Coll of Nursing			
	Independent Not For Profit Universities	Univ of IL Chicago	212	Bachelor	51.3818	Nursing Practice	2	Doctoral Other
		Aurora Univ	114	Bachelor	Governors State Univ			
			6	Masters	51.3805	Family Practice Nursing	10	Post Mstr Cert
		Benedictine Univ	123	Bachelor	51.3808	Nursing Science	73	Masters
		Concordia Univ Chicago	0	Bachelor	51.3818	Nursing Practice	12	Dr Prof Practice
		DePaul Univ	94	Masters	Northern IL Univ			
		Elmhurst Coll	0	Bachelor	51.3808	Nursing Science	62	Masters
		Lewis Univ	208	Bachelor	Univ of IL Chicago			
		Loyola Univ Chicago	279	Bachelor	51.3808	Nursing Science	4	Post BA Cert
			9	Masters			193	Masters
		North Park Univ	107	Bachelor			12	Dr Research
		Olivet Nazarene	191	Bachelor	51.3818	Nursing Practice	17	Dr Prof'l Prac
			154	Masters	51.9999	Health Profs & Related Clinical Sciences, Other	32	Masters
		Resurrection Univ	158	Bachelor	Lewis Univ			
			51	Masters	51.3803	Adult Health Nursing	1	Post Mstr Cert
		Robert Morris	8	Associate	North Park Univ			
		St. Xavier	126	Bachelor	51.3805	Family Practice Nursing	1	Post Mstr Cert
		Trinity Christian Coll	40	Bachelor	51.3808	Nursing Science	18	Masters
		Univ of St. Francis	111	Bachelor	51.3821	Geriatric Nursing	1	Post Mstr Cert
			1	Post BA Cert	51.3808	Nursing Science	152	Masters
			62	Masters	Rosalind Franklin			
	Independent For Profit Universities	Ambria Coll of Nursing	38	Associate	51.3804	Nurse Anesthetist	22	Masters
		Northwestern Coll " Southwest	17	Associate	51.3805	Family Practice Nursing	16	Post Mstr Cert
		Chamberlain Coll of Nursing*	4,288	Bachelor	51.3808	Nursing Science	64	Masters
			656	Masters	No. Shores Hlth Sys Sch of Nurse Anesth			
	Out of State	ITT Tech Institute*Orland Park	79	Associate	51.3804	Nurse Anesthetist	19	Post BA Cert

* Chamberlain College of Nursing offers Illinois sites for a BSN 3 year program; online offerings include RN to BSN, MSN, and DNP programs.

HEALTH CARE

NORTHEAST REGION EDUCATIONAL SUPPLY DATA -- TOP OCCUPATIONS WITH OPENINGS IN COMBINED INDUSTRIES

Occupation	Program Code (CIP)	Program Title	FY 2014 Completers	Degree Type
Nursing Assistants	51.2601	Health Aide		
	Community Colleges	Coll of DuPage	47	< 1Yr Cert
		Moraine Valley CC	14	< 1Yr Cert
		Oakton CC	1	< 1Yr Cert
	51.3902	Nurse Aide		
	Community Colleges	Coll of DuPage	334	< 1Yr Cert
		Coll of Lake County	670	< 1Yr Cert
		Elgin CC	57	< 1Yr Cert
		Harper College	696	< 1Yr Cert
		Joliet	4	< 1Yr Cert
			10	< 1Yr Cert
		Kankakee CC	37	1D2YrCert
		Kishwaukee College	181	1D2YrCert
		McHenry Co. Coll	287	1D2YrCert
		Morton College	39	1D2YrCert
		Oakton CC	147	1D2YrCert
		Prairie State College	104	1D2YrCert
		Triton College	123	1D2YrCert
		Waubonsee CC	279	1D2YrCert
	Indep For Profit	Midwestern Career Coll	10	1D2YrCert
		Solex College	16	1D2YrCert
	51.0710	Med Office Asst/Specialist	No Programs in this EDR	
	51.0712	Medical Reception/Receptionist.		
	Community Colleges	Coll of Lake County	48	<1 Yr Cert
		Morton College	9	<1 Yr Cert
	51.0713	Medical Insurance Coding Specialist/Coder		

Medical Assistants	Community Colleges	CCCDTruman College	40	<1 Yr Cert
		CCCD Daley College	16	<1 Yr Cert
		College of DuPage	18	<1 Yr Cert
		Harper College	27	1D2YrCert
		Joliet Jr. College	29	1D2YrCert
		Kankakee CC	16	1D2YrCert
		Kishwaukee College	4	<1 Yr Cert
		McHenry Co. College	23	<1 Yr Cert
		Moraine Valley CC	25	1D2YrCert
		Oakton CC	19	<1 Yr Cert
		So. Suburban Coll of Cook Co.	20	1D2YrCert
		Waubonsee CC	9	1D2YrCert
	51.0716	Med Admin/Exec Assistant & Med Secretary.		
	Community Colleges	CCCDTruman College	3	<1 Yr Cert
		Harper College	12	<1 Yr Cert
			20	Associate
		Waubonsee CC	17	<1 Yr Cert
	51.0801	Med/Clinical Assistant		
	Community Colleges	CCCD Olive Harvey	23	<1 Yr Cert
		CCCD Wright	12	1D2YrCert
		Coll of DuPage	13	1D2YrCert
		Coll of Lake County	18	1D2YrCert
			10	Associate
		Harper College	38	1D2YrCert
		Moraine Valley CC	25	1D2YrCert
		So. Suburban Coll of Cook Co.	17	1D2YrCert
		Waubonsee CC	6	1D2YrCert
	Indep Not For	Robert Morris Univ	66	Associate
		Coyne College	28	1D2YrCert

	Indep For Profit	Coyne College	33	Associate
		Fox College	1	1D2 Yr Cert
			29	Associate
		Lincoln Coll of Technology	91	1D2 Yr Cert
		Midwestern Career Coll	21	Associate
		Northwestern CollIDChicago	21	Associate
		Northwestern CollIDSouthwest	24	Associate
		Westwood CollIDChicago Loop	49	1D2 Yr Cert
		Westwood CollIDDuPage	37	1D2 Yr Cert
		Westwood CollIDO'Hare	49	1D2 Yr Cert
	Westwood CollDRiver Oaks	89	1D2 Yr Cert	
	Out of State	Chicago ORT Tech Institute	16	<1 Yr Cert
51.0809	Anesthesiologist Asst	No Programs in this EDR		
51.0813	Chiropractic Asst/Technician	No Programs in this EDR		
Licensed Practical Nurses	51.3901	Licensed Practical Nursing		
	Community Colleges	CCCDWright Coll	81	1D2 Yr Cert
		Coll of DuPage	37	1D2 Yr Cert
		Elgin CC	107	1D2 Yr Cert
		Harper College	17	1D2 Yr Cert
		Joliet Jr College	98	1D2 Yr Cert
		Kankakee CC	18	1D2 Yr Cert
		Moraine Valley CC	18	1D2 Yr Cert
		Morton College	39	1D2 Yr Cert
	Indep For Profit	Ambria Coll of Nursing	95	1D2 Yr Cert
Receptionists & Information Clerks **	52.0406	Receptionist	No Programs in this EDR	

