

Manufacturing Location Quotients by 3 Digit NAICS for the Northeast Workforce Investment Board Areas of Massachusetts

NAICS CODE	Manufacturing Sub-Sectors	Massachusetts	North Shore			Merrimack Valley			Greater Lowell			Metro North			4 Region Combined		
		Employment	Employment	Percent of MA	Location Quotient	Employment	Percent of MA	Location Quotient	Employment	Percent of MA	Location Quotient	Employment	Percent of MA	Location Quotient	Employment	Percent of MA	Location Quotient
	Total, all industries	3,191,604	166,357	5%	***	132,513	4%	***	112,516	4%	***	377,550	12%	***	788,936	25%	***
31-33	Manufacturing	254,018	17,186	7%	1.30	25,651	10%	2.43	16,585	7%	1.85	24,198	10%	0.81	83,620	33%	1.33
DUR	Durable Goods Manufacturing	167,073	13,040	8%	1.50	17,643	11%	2.54	13,466	8%	2.29	15,287	9%	0.77	59,436	36%	1.44
NONDUR	Non-Durable Goods Manufacturing	86,945	4,146	5%	0.91	8,009	9%	2.22	3,119	4%	1.02	8,911	10%	0.87	24,185	28%	1.13
311	Food Manufacturing	23,515	2,218	9%	1.81	2,691	11%	2.76	247	1%	0.30	3,994	17%	1.44	9,150	39%	1.57
312	Beverage & Tobacco Product Manufacturing	2,712	68	3%	0.48	***	***	***	***	***	***	127	5%	0.40	195	7%	0.29
313	Textile Mills	3,607	20	1%	0.11	***	***	***	241	7%	1.90	65	2%	0.15	326	9%	0.37
314	Textile Product Mills	2,067	77	4%	0.71	79	4%	0.92	***	***	***	194	9%	0.79	350	17%	0.69
315	Apparel Manufacturing	2,322	5	0%	0.04	***	***	***	***	***	***	80	3%	0.29	85	4%	0.15
316	Leather and Allied Product Manufacturing	2,251	112	5%	0.95	***	***	***	***	***	***	***	***	***	112	5%	0.20
321	Wood Product Manufacturing	2,242	34	2%	0.29	118	5%	1.27	16	1%	0.20	88	4%	0.33	256	11%	0.46
322	Paper Manufacturing	8,922	100	1%	0.22	276	3%	0.75	302	3%	0.96	177	2%	0.17	855	10%	0.39
323	Printing and Related Support Activities	12,274	281	2%	0.44	952	8%	1.87	727	6%	1.68	1,466	12%	1.01	3,426	28%	1.13
324	Petroleum & Coal Products Manufacturing	740	***	***	***	***	***	***	***	***	***	***	***	***	0	0%	0.00
325	Chemical Manufacturing	16,403	1,005	6%	1.18	1,506	9%	2.21	766	5%	1.32	2,165	13%	1.12	5,442	33%	1.34
326	Plastics & Rubber Products Manufacturing	12,132	232	2%	0.37	544	4%	1.08	567	5%	1.33	634	5%	0.44	1,977	16%	0.66
327	Nonmetallic Mineral Product Mfg	5,422	35	1%	0.12	143	3%	0.64	89	2%	0.47	246	5%	0.38	513	9%	0.38
331	Primary Metal Manufacturing	3,649	***	***	***	37	1%	0.24	***	***	***	58	2%	0.13	95	3%	0.11
332	Fabricated Metal Product Manufacturing	31,506	1,942	6%	1.18	2,007	6%	1.53	1,292	4%	1.16	2,147	7%	0.58	7,388	23%	0.95
333	Machinery Manufacturing	17,981	3,002	17%	3.20	918	5%	1.23	1,891	11%	2.98	1,042	6%	0.49	6,853	38%	1.54
334	Computer and Electronic Product Mfg	59,763	2,549	4%	0.82	6,265	10%	2.52	7,134	12%	3.39	7,801	13%	1.10	23,749	40%	1.61
335	Electrical Equipment and Appliances	9,687	1,031	11%	2.04	1,278	13%	3.18	270	3%	0.79	804	8%	0.70	3,383	35%	1.41
336	Transportation Equipment Manufacturing	13,483	***	***	***	***	***	***	***	***	***	1,144	8%	0.72	1,144	8%	0.34
337	Furniture and Related Product Mfg	4,011	156	4%	0.75	297	7%	1.78	143	4%	1.01	206	5%	0.43	802	20%	0.81
339	Miscellaneous Manufacturing	19,329	671	3%	0.67	1,862	10%	2.32	233	1%	0.34	1,751	9%	0.77	4,517	23%	0.95

***=Data is classified by the Massachusetts Department of Labor and Workforce. Data that is highlighted yellow is incomplete due to regions that contain classified data.

Source: Massachusetts Executive Office of Labor and Workforce Development, Occupational Employment and Wages Survey (OES), Monthly Annual Averages 2011, Mass.gov/Imi