

Regional Comparison Report

Lightcast Q3 2024 Data Set

August 2024



Massachusetts

Parameters

Regions:

Code	Description
Group	South Shore SDA
	State

Code	Description
Group	Southeastern MA

Industries:

Code	Description
23	Construction
31	Manufacturing
42	Wholesale Trade
44	Retail Trade
48	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services

Code	Description
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
72	Accommodation and Food Services
81	Other Services (except Public Administration)
90	Government
99	Unclassified Industry
114119	Other Marine Fishing

Timeframe: 2023 - 2030

Datarun: 2024.3 - QCEW Employees, Non-QCEW Employees, and Self-Employed

Note: Regional Demand, Sales, and GRP are calculated using Lightcast's complete class of worker dataset (including QCEW employees, non-QCEW employees, self-employed, and extended proprietors).

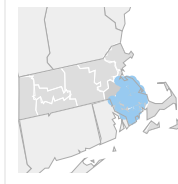
Columns Sorted By:

Regional Population (2023)

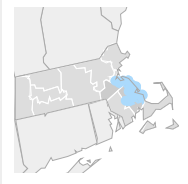
State



Southeastern MA*



South Shore SDA*



Regional Metrics

	State	Southeastern MA*	South Shore SDA*
Population (2023)	7,011,435	1,400,772	575,882
Population (2030)	7,143,305	1,469,215	598,021
Population Change %	+2%	+5%	+4%
Jobs (2023)	4,049,421	604,396	261,202
Jobs (2030)	4,483,763	659,514	283,453
Jobs Change %	+11%	+9%	+9%
Current Average Earnings	\$102,940	\$78,957	\$85,196
COL Index	132.2	129.8	133.6
Bachelor's Degree or Higher	2,327,983	Insf. Data	Insf. Data
GRP	\$729.81B	\$95.31B	\$45.48B

Industry Metrics

	State	Southeastern MA*	South Shore SDA*
Construction			
Jobs (2023)	215,402	44,818	22,226
Job Change %	+10%	+14%	+13%
Jobs (2023)	215,402	44,818	22,226
Earnings (2023)	\$101,826	\$99,561	\$106,162
COL Adjusted Earnings	\$77,024	\$76,703	\$79,462
Employment Concentration (2023)	0.92	1.29	1.47
Competitive Effect	7,852	3,113	1,515
% Demand met in-region	87.6%	82.0%	73.6%
Ethnic Diversity %	19.5%	Insf. Data	Insf. Data
Manufacturing			
Jobs (2023)	242,299	37,494	8,169
Job Change %	+5%	+3%	+1%
Jobs (2023)	242,299	37,494	8,169
Earnings (2023)	\$121,587	\$99,706	\$102,448
COL Adjusted Earnings	\$91,972	\$76,815	\$76,683

Columns Sorted By:

Regional Population (2023)

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Wholesale Trade

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Retail Trade

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %



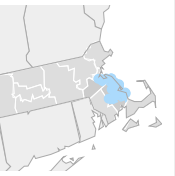
Transportation and Warehousing

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

	State	Southeastern MA*	South Shore SDA*
			
	0.78	0.81	0.41
	-3,366	-1,206	-365
	28.3%	14.1%	6.6%
	31.6%	Insf. Data	Insf. Data
	126,622	22,404	7,634
	+5%	+5%	+3%
	126,622	22,404	7,634
	\$140,960	\$119,305	\$133,891
	\$106,626	\$91,915	\$100,218
	0.86	1.02	0.81
	-30	5	-163
	59.9%	42.2%	29.8%
	23.2%	Insf. Data	Insf. Data
	343,027	73,440	27,644
	+3%	+4%	+4%
	343,027	73,440	27,644
	\$54,511	\$49,809	\$51,559
	\$41,233	\$38,373	\$38,592
	0.90	1.29	1.12
	3,064	1,617	521
	54.2%	42.2%	29.6%
	29.6%	Insf. Data	Insf. Data
	110,192	17,227	4,315
	+16%	+16%	+15%
	110,192	17,227	4,315
	\$75,789	\$67,645	\$67,425

Columns Sorted By:

Regional Population (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Information

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Finance and Insurance

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region



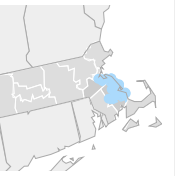
Ethnic Diversity %

Real Estate and Rental and Leasing

Jobs (2023)

Job Change %

Jobs (2023)

	State	Southeastern MA*	South Shore SDA*
			
COL Adjusted Earnings	\$57,329	\$52,115	\$50,467
Employment Concentration (2023)	0.63	0.66	0.38
Competitive Effect	2,124	457	34
% Demand met in-region	52.8%	33.2%	19.0%
Ethnic Diversity %	41.2%	Insf. Data	Insf. Data
Information			
Jobs (2023)	99,424	8,664	5,523
Job Change %	+10%	0%	-2%
Jobs (2023)	99,424	8,664	5,523
Earnings (2023)	\$194,084	\$131,871	\$145,063
COL Adjusted Earnings	\$146,811	\$101,596	\$108,580
Employment Concentration (2023)	1.33	0.78	1.14
Competitive Effect	-1,035	-1,009	-716
% Demand met in-region	79.8%	47.2%	49.9%
Ethnic Diversity %	24.2%	Insf. Data	Insf. Data
Finance and Insurance			
Jobs (2023)	183,631	25,648	19,784
Job Change %	+8%	+6%	+7%
Jobs (2023)	183,631	25,648	19,784
Earnings (2023)	\$212,885	\$129,792	\$136,299
COL Adjusted Earnings	\$161,033	\$99,994	\$102,020
Employment Concentration (2023)	1.11	1.04	1.86
Competitive Effect	-1,309	-734	-379
% Demand met in-region	80.4%	54.4%	60.1%
Ethnic Diversity %	21.4%	Insf. Data	Insf. Data
Real Estate and Rental and Leasing			
Jobs (2023)	62,854	8,646	5,158
Job Change %	+12%	+9%	+11%
Jobs (2023)	62,854	8,646	5,158

Columns Sorted By:

Regional Population (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Professional, Scientific, and Technical Services

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Management of Companies and Enterprises

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)


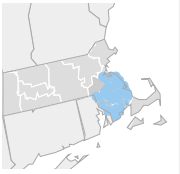
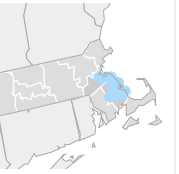
Competitive Effect

% Demand met in-region

Ethnic Diversity %

Administrative and Support and Waste Management and Remediation Services

Jobs (2023)

	State	Southeastern MA*	South Shore SDA*
			
Earnings (2023)	\$113,218	\$91,479	\$96,191
COL Adjusted Earnings	\$85,641	\$70,477	\$72,000
Employment Concentration (2023)	0.88	0.81	1.12
Competitive Effect	1,895	-11	139
% Demand met in-region	79.0%	75.9%	77.3%
Ethnic Diversity %	25.5%	Insf. Data	Insf. Data
Professional, Scientific, and Technical Services			
Jobs (2023)	419,664	28,221	15,938
Job Change %	+15%	+8%	+7%
Jobs (2023)	419,664	28,221	15,938
Earnings (2023)	\$180,053	\$116,874	\$125,625
COL Adjusted Earnings	\$136,197	\$90,042	\$94,031
Employment Concentration (2023)	1.47	0.66	0.86
Competitive Effect	10,194	-1,382	-868
% Demand met in-region	91.3%	50.9%	56.6%
Ethnic Diversity %	24.8%	Insf. Data	Insf. Data
Management of Companies and Enterprises			
Jobs (2023)	69,167	7,356	4,129
Job Change %	+7%	-16%	-12%
Jobs (2023)	69,167	7,356	4,129
Earnings (2023)	\$179,165	\$154,561	\$155,336
COL Adjusted Earnings	\$135,526	\$119,076	\$116,270
Employment Concentration (2023)	1.15	0.82	1.07
Competitive Effect	-4,106	-2,137	-1,037
% Demand met in-region	87.5%	63.9%	74.6%
Ethnic Diversity %	28.6%	Insf. Data	Insf. Data
Administrative and Support and Waste Management and Remediation Services			
Jobs (2023)	207,217	30,155	12,728

Columns Sorted By:

Regional Population (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Educational Services

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Health Care and Social Assistance

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings



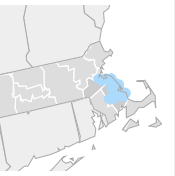
Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Accommodation and Food Services

	State	Southeastern MA*	South Shore SDA*
			
	+11%	+17%	+12%
	207,217	30,155	12,728
	\$73,298	\$67,407	\$74,308
	\$55,445	\$51,932	\$55,620
	0.85	0.83	0.81
	8,016	3,024	588
	71.9%	64.2%	55.2%
	42.2%	Insf. Data	Insf. Data
	223,278	10,961	5,055
	+10%	+8%	+9%
	223,278	10,961	5,055
	\$74,475	\$52,706	\$59,970
	\$56,335	\$40,605	\$44,888
	2.26	0.74	0.79
	1,327	-182	-12
	94.9%	35.4%	32.0%
	28.6%	Insf. Data	Insf. Data
	670,846	103,956	43,191
	+14%	+12%	+13%
	670,846	103,956	43,191
	\$84,161	\$72,399	\$71,060
	\$63,662	\$55,777	\$53,189
	1.27	1.32	1.27
	6,056	-1,640	-248
	92.3%	66.7%	55.5%
	37.6%	Insf. Data	Insf. Data

Columns Sorted By:

Regional Population (2023)

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Other Services (except Public Administration)

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Government

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)



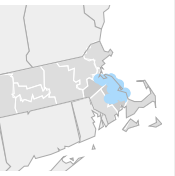
COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

	State	Southeastern MA*	South Shore SDA*
			
Jobs (2023)	305,348	52,838	23,660
Job Change %	+13%	+10%	+9%
Jobs (2023)	305,348	52,838	23,660
Earnings (2023)	\$39,295	\$32,360	\$34,356
COL Adjusted Earnings	\$29,724	\$24,931	\$25,716
Employment Concentration (2023)	0.91	1.05	1.09
Competitive Effect	15,430	993	209
% Demand met in-region	78.5%	60.3%	59.4%
Ethnic Diversity %	37.3%	Insf. Data	Insf. Data
Other Services (except Public Administration)			
Jobs (2023)	187,910	34,197	15,682
Job Change %	+8%	+10%	+10%
Jobs (2023)	187,910	34,197	15,682
Earnings (2023)	\$49,720	\$46,042	\$49,303
COL Adjusted Earnings	\$37,609	\$35,471	\$36,903
Employment Concentration (2023)	0.94	1.15	1.22
Competitive Effect	5,396	1,389	661
% Demand met in-region	77.1%	69.6%	67.0%
Ethnic Diversity %	33.2%	Insf. Data	Insf. Data
Government			
Jobs (2023)	473,353	80,789	32,954
Job Change %	+11%	+10%	+8%
Jobs (2023)	473,353	80,789	32,954
Earnings (2023)	\$103,898	\$96,249	\$101,533
COL Adjusted Earnings	\$78,592	\$74,152	\$75,998
Employment Concentration (2023)	0.81	0.93	0.88
Competitive Effect	32,026	4,608	1,098
% Demand met in-region	41.2%	30.7%	26.9%
Ethnic Diversity %	26.2%	Insf. Data	Insf. Data

Columns Sorted By:

Regional Population (2023)

Unclassified Industry

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)

COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

Other Marine Fishing

Jobs (2023)

Job Change %

Jobs (2023)

Earnings (2023)



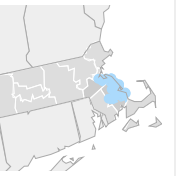
COL Adjusted Earnings

Employment Concentration (2023)

Competitive Effect

% Demand met in-region

Ethnic Diversity %

	State	Southeastern MA*	South Shore SDA*
			
Jobs (2023)	0	0	0
Job Change %	0%	0%	0%
Jobs (2023)	0	0	0
Earnings (2023)	\$0	\$0	\$0
COL Adjusted Earnings	\$0	\$0	\$0
Employment Concentration (2023)	0.00	0.00	0.00
Competitive Effect	0	0	0
% Demand met in-region	0.0%	0.0%	0.0%
Ethnic Diversity %	0.0%	Insf. Data	Insf. Data
Jobs (2023)	64	24	<10
Job Change %	+22%	0%	Insf. Data
Jobs (2023)	64	24	<10
Earnings (2023)	\$54,271	\$58,550	Insf. Data
COL Adjusted Earnings	\$41,052	\$45,108	Insf. Data
Employment Concentration (2023)	1.50	3.71	1.20
Competitive Effect	7	-2	0
% Demand met in-region	49.9%	50.5%	98.6%
Ethnic Diversity %	Insf. Data	Insf. Data	Insf. Data

* Some metrics are only available at the county-level or above. Therefore, for ZIP-level regions, the following data categories reference county-level data: Profile Concentration, Posting Concentration, Median Household Income, Cost of Living, Unemployment, Labor Force, Mean Commute Time, and Crime.

Appendix A - Data Sources and Calculations

Cost of Living Data

Lightcast's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, and birth and mortality rates from the US Health Department.

Educational Attainment Data

Emsi's educational attainment numbers are based on Emsi's demographic data and the American Community Survey. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Shift Share

Shift share is a standard regional analysis method that attempts to determine how much of regional job growth can be attributed to national trends and how much is due to unique regional factors.

State Data Sources

This report uses state data from the following agencies: Commonwealth of Massachusetts, Mass.gov