

Industry Cluster Identification

for Hampden County, MA

Emsi Q3 2021 Data Set

October 2021

MassHire Hampden County Workforce Board



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Springfield, Massachusetts 01103
413.755.1361

Parameters

Regions:

Code	Description
25013	Hampden County, MA

Datarun: 2021.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed

Executive Summary

- Your highest ranked cluster is Insurance Services, with a score of 86 (out of 100) points.
- Your average cluster score is 36 (out of 100) points. This is *not* a benchmark against other regions; it only compares the relative performance of your clusters to each other. Clusters ranked higher than 36 are above average for your region, while clusters ranked lower than 36 are below average.
- Top clusters must have a score of at least 44, while bottom clusters must have a score of 28 or less. These thresholds are determined by applying the average deviation (plus or minus 8) to the average cluster score 36.

■ 8 Top Clusters ■ 41 Average Clusters ■ 9 Bottom Clusters



Cluster Rankings

☂ Insurance Services

86

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
524113	Direct Life Insurance Carriers	3,700	100
524114	Direct Health and Medical Insurance Carriers	591	27
524126	Direct Property and Casualty Insurance Carriers	255	41
524127	Direct Title Insurance Carriers	31	38
524291	Claims Adjusting	24	28
524298	All Other Insurance Related Activities	12	35

⚡ Electric Power Generation and Transmission

76

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
221111	Hydroelectric Power Generation	96	57
221112	Fossil Fuel Electric Power Generation	93	47
221121	Electric Bulk Power Transmission and Control	614	83

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
332216	Saw Blade and Handtool Manufacturing	772	56
332312	Fabricated Structural Metal Manufacturing	22	29
332323	Ornamental and Architectural Metal Work Manufacturing	21	29
332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing	1,710	78
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	207	35

 Local Government Services

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
903999	Local Government, Excluding Education and Hospitals	6,854	54

 Local Education and Training

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
611110	Elementary and Secondary Schools	1,896	23
611519	Other Technical and Trade Schools	43	28
611610	Fine Arts Schools	229	27
611692	Automobile Driving Schools	70	27
624310	Vocational Rehabilitation Services	624	14
903611	Elementary and Secondary Schools (Local Government)	12,992	61

 Recreational and Small Electric Goods

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
339920	Sporting and Athletic Goods Manufacturing	323	42
339930	Doll, Toy, and Game Manufacturing	566	61
339992	Musical Instrument Manufacturing	15	32
339999	All Other Miscellaneous Manufacturing	16	29

Nonmetal Mining

52

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
212319	Other Crushed and Broken Stone Mining and Quarrying	28	57
212321	Construction Sand and Gravel Mining	25	46

Local Health Services

45

You have 35 industries in this cluster:

NAICS	Industry	Jobs	Score
339116	Dental Laboratories	42	30
446110	Pharmacies and Drug Stores	1,212	27
446130	Optical Goods Stores	42	28
532283	Home Health Equipment Rental	31	30
621111	Offices of Physicians (except Mental Health Specialists)	3,891	36
621112	Offices of Physicians, Mental Health Specialists	34	36
621210	Offices of Dentists	1,375	32
621310	Offices of Chiropractors	176	30
621320	Offices of Optometrists	104	28
621330	Offices of Mental Health Practitioners (except Physicians)	858	21
621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists	488	28
621391	Offices of Podiatrists	43	29

621399	Offices of All Other Miscellaneous Health Practitioners	208	32
621410	Family Planning Centers	408	38
621420	Outpatient Mental Health and Substance Abuse Centers	1,358	41
621492	Kidney Dialysis Centers	333	39
621493	Freestanding Ambulatory Surgical and Emergency Centers	1,452	50
621498	All Other Outpatient Care Centers	236	42
621511	Medical Laboratories	378	34
621512	Diagnostic Imaging Centers	41	39
621610	Home Health Care Services	3,791	77
621991	Blood and Organ Banks	62	32
621999	All Other Miscellaneous Ambulatory Health Care Services	255	37
622110	General Medical and Surgical Hospitals	10,974	60
622210	Psychiatric and Substance Abuse Hospitals	265	35
622310	Specialty (except Psychiatric and Substance Abuse) Hospitals	513	27
623110	Nursing Care Facilities (Skilled Nursing Facilities)	3,185	19
623210	Residential Intellectual and Developmental Disability Facilities	1,259	38
623220	Residential Mental Health and Substance Abuse Facilities	1,310	30
623311	Continuing Care Retirement Communities	933	33
623312	Assisted Living Facilities for the Elderly	1,158	36
623990	Other Residential Care Facilities	114	26
812210	Funeral Homes and Funeral Services	209	30
812220	Cemeteries and Crematories	35	29
902622	Hospitals (State Government)	305	26

Financial Services

43

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
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522120	Savings Institutions	725	44
522220	Sales Financing	137	32
522292	Real Estate Credit	153	44
522298	All Other Nondepository Credit Intermediation	17	30
522310	Mortgage and Nonmortgage Loan Brokers	16	44
522390	Other Activities Related to Credit Intermediation	29	28
523110	Investment Banking and Securities Dealing	41	70
523120	Securities Brokerage	142	46
523140	Commodity Contracts Brokerage	43	38
523920	Portfolio Management	93	45
523930	Investment Advice	162	43
523999	Miscellaneous Financial Investment Activities	11	34
561450	Credit Bureaus	14	30

Production Technology and Heavy Machinery

43

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
332911	Industrial Valve Manufacturing	23	33
333243	Sawmill, Woodworking, and Paper Machinery Manufacturing	12	41
333249	Other Industrial Machinery Manufacturing	40	32
333318	Other Commercial and Service Industry Machinery Manufacturing	112	35
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	341	49
333611	Turbine and Turbine Generator Set Units Manufacturing	94	36
333613	Mechanical Power Transmission Equipment Manufacturing	420	47
333618	Other Engine Equipment Manufacturing	103	34
333912	Air and Gas Compressor Manufacturing	75	38
333999	All Other Miscellaneous General Purpose Machinery Manufacturing	51	34

You have 14 industries in this cluster:

NAICS	Industry	Jobs	Score
484110	General Freight Trucking, Local	665	29
484122	General Freight Trucking, Long-Distance, Less Than Truckload	432	31
484210	Used Household and Office Goods Moving	102	29
484220	Specialized Freight (except Used Goods) Trucking, Local	190	32
485113	Bus and Other Motor Vehicle Transit Systems	182	34
485410	School and Employee Bus Transportation	1,975	56
485991	Special Needs Transportation	140	26
492110	Couriers and Express Delivery Services	1,118	45
492210	Local Messengers and Local Delivery	451	39
531130	Lessors of Miniwarehouses and Self-Storage Units	69	31
532111	Passenger Car Rental	64	28
532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	195	33
562111	Solid Waste Collection	103	32
621910	Ambulance Services	627	43

 Local Community and Civic Organizations

You have 18 industries in this cluster:

NAICS	Industry	Jobs	Score
624110	Child and Youth Services	490	31
624120	Services for the Elderly and Persons with Disabilities	12,977	45
624190	Other Individual and Family Services	1,008	31
624210	Community Food Services	19	26
624221	Temporary Shelters	420	33
624229	Other Community Housing Services	284	34
624230	Emergency and Other Relief Services	51	27

813110	Religious Organizations	1,872	33
813211	Grantmaking Foundations	131	35
813212	Voluntary Health Organizations	67	39
813219	Other Grantmaking and Giving Services	46	29
813311	Human Rights Organizations	17	27
813312	Environment, Conservation and Wildlife Organizations	71	28
813319	Other Social Advocacy Organizations	206	29
813410	Civic and Social Organizations	800	21
813910	Business Associations	52	32
813930	Labor Unions and Similar Labor Organizations	269	28
813990	Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)	64	27

Communications Equipment and Services

40

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
515210	Cable and Other Subscription Programming	19	30
517312	Wireless Telecommunications Carriers (except Satellite)	308	42
517919	All Other Telecommunications	27	29

Paper and Packaging

40

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
322130	Paperboard Mills	109	42
322211	Corrugated and Solid Fiber Box Manufacturing	140	33
322212	Folding Paperboard Box Manufacturing	40	30
322219	Other Paperboard Container Manufacturing	75	32

322220	Paper Bag and Coated and Treated Paper Manufacturing	751	43
322230	Stationery Product Manufacturing	138	36

Local Utilities

39

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
221122	Electric Power Distribution	82	36
221210	Natural Gas Distribution	307	46
221320	Sewage Treatment Facilities	45	39
454310	Fuel Dealers	225	31
517311	Wired Telecommunications Carriers	512	41
517911	Telecommunications Resellers	13	27
562212	Solid Waste Landfill	15	31
562910	Remediation Services	261	33

Aerospace Vehicles and Defense

38

You have 2 industries in this cluster:

NAICS	Industry	Jobs	Score
336412	Aircraft Engine and Engine Parts Manufacturing	430	39
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing	128	33

Metalworking Technology

38

You have 11 industries in this cluster:

NAICS	Industry	Jobs	Score
327910	Abrasive Product Manufacturing	56	38

332721	Precision Turned Product Manufacturing	53	32
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing	320	43
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	164	32
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	636	41
333511	Industrial Mold Manufacturing	74	30
333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing	154	32
333515	Cutting Tool and Machine Tool Accessory Manufacturing	57	32
333517	Machine Tool Manufacturing	117	33
333991	Power-Driven Handtool Manufacturing	45	33
333992	Welding and Soldering Equipment Manufacturing	104	34

Lighting and Electrical Equipment

37

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
335129	Other Lighting Equipment Manufacturing	93	37

Business Services

37

You have 24 industries in this cluster:

NAICS	Industry	Jobs	Score
485310	Taxi Service	101	29
485320	Limousine Service	131	29
518210	Data Processing, Hosting, and Related Services	34	29
533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	24	31
541214	Payroll Services	133	29
541310	Architectural Services	83	33
541320	Landscape Architectural Services	136	34

541330	Engineering Services	831	40
541340	Drafting Services	22	32
541511	Custom Computer Programming Services	520	38
541512	Computer Systems Design Services	252	35
541519	Other Computer Related Services	37	31
541611	Administrative Management and General Management Consulting Services	239	31
541612	Human Resources Consulting Services	25	31
541614	Process, Physical Distribution, and Logistics Consulting Services	116	29
541618	Other Management Consulting Services	22	31
541690	Other Scientific and Technical Consulting Services	125	33
541930	Translation and Interpretation Services	17	28
541990	All Other Professional, Scientific, and Technical Services	253	32
551112	Offices of Other Holding Companies	19	40
551114	Corporate, Subsidiary, and Regional Managing Offices	2,557	41
561210	Facilities Support Services	75	37
561311	Employment Placement Agencies	681	35
561421	Telephone Answering Services	63	33

Local Financial Services

36

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
522110	Commercial Banking	520	38
522130	Credit Unions	380	32
524210	Insurance Agencies and Brokerages	1,193	37
524292	Third Party Administration of Insurance and Pension Funds	359	39
541213	Tax Preparation Services	140	27
561440	Collection Agencies	13	27

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
562213	Solid Waste Combustors and Incinerators	44	39
562219	Other Nonhazardous Waste Treatment and Disposal	28	34
562998	All Other Miscellaneous Waste Management Services	22	31

 Food Processing and Manufacturing

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
311412	Frozen Specialty Food Manufacturing	107	30
311511	Fluid Milk Manufacturing	210	33
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing	155	43
311520	Ice Cream and Frozen Dessert Manufacturing	330	37
311911	Roasted Nuts and Peanut Butter Manufacturing	42	29

 Plastics

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
325211	Plastics Material and Resin Manufacturing	410	43
326111	Plastics Bag and Pouch Manufacturing	129	33
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	224	38
326122	Plastics Pipe and Pipe Fitting Manufacturing	133	33
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	16	29
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing	36	31
326199	All Other Plastics Product Manufacturing	846	32
339994	Broom, Brush, and Mop Manufacturing	110	40

Medical Devices

36

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
333314	Optical Instrument and Lens Manufacturing	81	34
339112	Surgical and Medical Instrument Manufacturing	442	37
339113	Surgical Appliance and Supplies Manufacturing	96	33

Local Real Estate, Construction, and Development

34

You have 49 industries in this cluster:

NAICS	Industry	Jobs	Score
236115	New Single-Family Housing Construction (except For-Sale Builders)	174	27
236117	New Housing For-Sale Builders	38	28
236118	Residential Remodelers	1,009	36
236220	Commercial and Institutional Building Construction	655	35
237110	Water and Sewer Line and Related Structures Construction	248	36
237210	Land Subdivision	38	33
237310	Highway, Street, and Bridge Construction	524	36
238110	Poured Concrete Foundation and Structure Contractors	183	32
238120	Structural Steel and Precast Concrete Contractors	42	33
238130	Framing Contractors	53	27
238140	Masonry Contractors	145	29
238150	Glass and Glazing Contractors	192	35
238160	Roofing Contractors	462	34
238170	Siding Contractors	91	29

238190	Other Foundation, Structure, and Building Exterior Contractors	23	28
238210	Electrical Contractors and Other Wiring Installation Contractors	1,401	40
238220	Plumbing, Heating, and Air-Conditioning Contractors	1,715	39
238290	Other Building Equipment Contractors	96	32
238310	Drywall and Insulation Contractors	370	28
238320	Painting and Wall Covering Contractors	361	30
238330	Flooring Contractors	330	32
238340	Tile and Terrazzo Contractors	49	29
238350	Finish Carpentry Contractors	322	31
238390	Other Building Finishing Contractors	68	28
238910	Site Preparation Contractors	602	34
238990	All Other Specialty Trade Contractors	525	30
327320	Ready-Mix Concrete Manufacturing	79	32
327390	Other Concrete Product Manufacturing	24	31
332322	Sheet Metal Work Manufacturing	196	32
337212	Custom Architectural Woodwork and Millwork Manufacturing	26	32
423310	Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers	230	35
423320	Brick, Stone, and Related Construction Material Merchant Wholesalers	35	30
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers	41	33
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	214	34
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	60	34
423740	Refrigeration Equipment and Supplies Merchant Wholesalers	17	31
444110	Home Centers	1,038	33
444120	Paint and Wallpaper Stores	43	29
444190	Other Building Material Dealers	355	34
531110	Lessors of Residential Buildings and Dwellings	545	26
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)	187	32
531190	Lessors of Other Real Estate Property	38	31
531210	Offices of Real Estate Agents and Brokers	457	32

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531311	Residential Property Managers	635	32
531312	Nonresidential Property Managers	67	29
531320	Offices of Real Estate Appraisers	36	31
531390	Other Activities Related to Real Estate	98	31
541370	Surveying and Mapping (except Geophysical) Services	25	30
562991	Septic Tank and Related Services	27	31

Federal Government Services

34

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
901149	US Postal Service	2,258	34
901199	Federal Government, Civilian, Excluding Postal Service	1,529	39
901200	Federal Government, Military	1,268	27

Transportation and Logistics

34

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
482110	Rail transportation	161	35
484121	General Freight Trucking, Long-Distance, Truckload	440	32
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance	148	33
485210	Interurban and Rural Bus Transportation	146	39
485510	Charter Bus Industry	35	29
488119	Other Airport Operations	21	27
488190	Other Support Activities for Air Transportation	332	36
488210	Support Activities for Rail Transportation	15	31

488490	Other Support Activities for Road Transportation	41	31
488510	Freight Transportation Arrangement	72	32

Downstream Chemical Products

34

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
325510	Paint and Coating Manufacturing	31	35
325612	Polish and Other Sanitation Good Manufacturing	98	34
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing	59	33

Distribution and Electronic Commerce

33

You have 38 industries in this cluster:

NAICS	Industry	Jobs	Score
423210	Furniture Merchant Wholesalers	79	29
423420	Office Equipment Merchant Wholesalers	62	31
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	74	34
423440	Other Commercial Equipment Merchant Wholesalers	169	32
423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	121	32
423490	Other Professional Equipment and Supplies Merchant Wholesalers	300	56
423510	Metal Service Centers and Other Metal Merchant Wholesalers	97	32
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	118	42
423690	Other Electronic Parts and Equipment Merchant Wholesalers	20	30
423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	67	33
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers	24	28
423830	Industrial Machinery and Equipment Merchant Wholesalers	471	37

423840	Industrial Supplies Merchant Wholesalers	147	36
423850	Service Establishment Equipment and Supplies Merchant Wholesalers	73	32
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	53	56
423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	50	32
424120	Stationery and Office Supplies Merchant Wholesalers	11	39
424130	Industrial and Personal Service Paper Merchant Wholesalers	228	33
424460	Fish and Seafood Merchant Wholesalers	10	28
424470	Meat and Meat Product Merchant Wholesalers	54	31
424480	Fresh Fruit and Vegetable Merchant Wholesalers	21	28
424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	58	35
424690	Other Chemical and Allied Products Merchant Wholesalers	106	39
424710	Petroleum Bulk Stations and Terminals	57	38
424820	Wine and Distilled Alcoholic Beverage Merchant Wholesalers	21	30
424910	Farm Supplies Merchant Wholesalers	61	33
424920	Book, Periodical, and Newspaper Merchant Wholesalers	65	30
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers	28	29
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers	51	32
425110	Business to Business Electronic Markets	62	32
425120	Wholesale Trade Agents and Brokers	352	35
454110	Electronic Shopping and Mail-Order Houses	138	27
493110	General Warehousing and Storage	1,072	26
493120	Refrigerated Warehousing and Storage	99	29
532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	102	35
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	22	30
561499	All Other Business Support Services	21	28
561910	Packaging and Labeling Services	33	27

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
331221	Rolled Steel Shape Manufacturing	118	35
331420	Copper Rolling, Drawing, Extruding, and Alloying	28	34
332112	Nonferrous Forging	34	32
332119	Metal Crown, Closure, and Other Metal Stamping (except Automotive)	62	30

Information Technology and Analytical Instruments

33

You have 5 industries in this cluster:

NAICS	Industry	Jobs	Score
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	99	33
334419	Other Electronic Component Manufacturing	127	32
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	63	32
334516	Analytical Laboratory Instrument Manufacturing	75	31
511210	Software Publishers	130	33

Livestock Processing

32

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
311612	Meat Processed from Carcasses	239	32

Local Industrial Products and Services

32

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
332710	Machine Shops	1,353	33
423930	Recyclable Material Merchant Wholesalers	206	32

423990	Other Miscellaneous Durable Goods Merchant Wholesalers	80	30
532210	Consumer Electronics and Appliances Rental	11	29

Construction Products and Services

32

You have 8 industries in this cluster:

NAICS	Industry	Jobs	Score
236210	Industrial Building Construction	50	32
237130	Power and Communication Line and Related Structures Construction	110	26
237990	Other Heavy and Civil Engineering Construction	51	32
324121	Asphalt Paving Mixture and Block Manufacturing	36	41
327991	Cut Stone and Stone Product Manufacturing	20	28
327993	Mineral Wool Manufacturing	67	36
327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing	17	34
332420	Metal Tank (Heavy Gauge) Manufacturing	25	31

Furniture

31

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
337110	Wood Kitchen Cabinet and Countertop Manufacturing	41	30
337121	Upholstered Household Furniture Manufacturing	13	28
337127	Institutional Furniture Manufacturing	81	32
337215	Showcase, Partition, Shelving, and Locker Manufacturing	13	31

Marketing, Design, and Publishing

31

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
511120	Periodical Publishers	18	32
511130	Book Publishers	39	31
519120	Libraries and Archives	33	26
519130	Internet Publishing and Broadcasting and Web Search Portals	68	31
541410	Interior Design Services	55	27
541420	Industrial Design Services	17	29
541430	Graphic Design Services	54	28
541490	Other Specialized Design Services	26	32
541613	Marketing Consulting Services	148	33
541810	Advertising Agencies	41	31
541820	Public Relations Agencies	13	34
541850	Outdoor Advertising	13	31
541890	Other Services Related to Advertising	158	33

Textile Manufacturing

31

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
313210	Broadwoven Fabric Mills	57	31

Local Motor Vehicle Products and Services

31

You have 21 industries in this cluster:

NAICS	Industry	Jobs	Score
423110	Automobile and Other Motor Vehicle Merchant Wholesalers	61	33
423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	100	29
423130	Tire and Tube Merchant Wholesalers	23	28
441110	New Car Dealers	1,339	33

441120	Used Car Dealers	233	29
441222	Boat Dealers	21	30
441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	27	30
441310	Automotive Parts and Accessories Stores	672	31
441320	Tire Dealers	248	30
447110	Gasoline Stations with Convenience Stores	1,010	30
447190	Other Gasoline Stations	39	20
488410	Motor Vehicle Towing	156	31
811111	General Automotive Repair	745	31
811113	Automotive Transmission Repair	36	30
811118	Other Automotive Mechanical and Electrical Repair and Maintenance	30	31
811121	Automotive Body, Paint, and Interior Repair and Maintenance	374	28
811122	Automotive Glass Replacement Shops	74	30
811191	Automotive Oil Change and Lubrication Shops	104	31
811192	Car Washes	183	25
811198	All Other Automotive Repair and Maintenance	40	29
812930	Parking Lots and Garages	490	31

Leather and Related Products

30

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
314910	Textile Bag and Canvas Mills	51	30

Local Household Goods and Services

30

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
423710	Hardware Merchant Wholesalers	103	33
442110	Furniture Stores	215	30
442210	Floor Covering Stores	74	29
442299	All Other Home Furnishings Stores	144	26
443141	Household Appliance Stores	68	29
444130	Hardware Stores	197	28
444210	Outdoor Power Equipment Stores	21	28
444220	Nursery, Garden Center, and Farm Supply Stores	94	27
453110	Florists	62	26
561730	Landscaping Services	1,248	31
561740	Carpet and Upholstery Cleaning Services	66	29
811213	Communication Equipment Repair and Maintenance	36	34
811420	Reupholstery and Furniture Repair	14	27

Printing Services

30

You have 4 industries in this cluster:

NAICS	Industry	Jobs	Score
323111	Commercial Printing (except Screen and Books)	614	29
323113	Commercial Screen Printing	96	29
323117	Books Printing	60	30
323120	Support Activities for Printing	84	33

Local Food and Beverage Processing and Distribution

29

You have 19 industries in this cluster:

NAICS	Industry	Jobs	Score
311811	Retail Bakeries	147	26

311812	Commercial Bakeries	316	30
424410	General Line Grocery Merchant Wholesalers	1,093	59
424420	Packaged Frozen Food Merchant Wholesalers	69	34
424450	Confectionery Merchant Wholesalers	43	28
424490	Other Grocery and Related Products Merchant Wholesalers	180	32
424810	Beer and Ale Merchant Wholesalers	188	30
445110	Supermarkets and Other Grocery (except Convenience) Stores	3,910	22
445120	Convenience Stores	372	27
445210	Meat Markets	126	30
445230	Fruit and Vegetable Markets	164	29
445291	Baked Goods Stores	35	33
445299	All Other Specialty Food Stores	49	27
445310	Beer, Wine, and Liquor Stores	653	27
446191	Food (Health) Supplement Stores	30	26
453991	Tobacco Stores	58	28
454210	Vending Machine Operators	21	26
454390	Other Direct Selling Establishments	109	28
722330	Mobile Food Services	41	28

Wood Products

29

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
321113	Sawmills	22	28
321214	Truss Manufacturing	63	30
321911	Wood Window and Door Manufacturing	23	30
321918	Other Millwork (including Flooring)	39	29
321920	Wood Container and Pallet Manufacturing	78	30

321999	All Other Miscellaneous Wood Product Manufacturing	11	27

Agricultural Inputs and Services

29

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
111000	Crop Production	274	30
112000	Animal Production	17	27
115115	Farm Labor Contractors and Crew Leaders	44	26

Automotive

28

You have 3 industries in this cluster:

NAICS	Industry	Jobs	Score
331524	Aluminum Foundries (except Die-Casting)	65	32
331529	Other Nonferrous Metal Foundries (except Die-Casting)	20	29
336360	Motor Vehicle Seating and Interior Trim Manufacturing	56	24

State Government Services

28

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
902999	State Government, Excluding Education and Hospitals	4,472	28

Video Production and Distribution

28

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
512110	Motion Picture and Video Production	52	28

Apparel

28

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
315210	Cut and Sew Apparel Contractors	11	28

Forestry

28

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
113310	Logging	54	28

Local Entertainment and Media

28

You have 9 industries in this cluster:

NAICS	Industry	Jobs	Score
443142	Electronics Stores	347	27
451110	Sporting Goods Stores	217	25
451120	Hobby, Toy, and Game Stores	110	23
451140	Musical Instrument and Supplies Stores	47	28
451211	Book Stores	83	26
511110	Newspaper Publishers	400	30
512131	Motion Picture Theaters (except Drive-Ins)	46	25
515112	Radio Stations	61	31
515120	Television Broadcasting	203	31

Performing Arts

You have 6 industries in this cluster:

NAICS	Industry	Jobs	Score
711110	Theater Companies and Dinner Theaters	61	25
711130	Musical Groups and Artists	67	27
711310	Promoters of Performing Arts, Sports, and Similar Events with Facilities	94	27
711320	Promoters of Performing Arts, Sports, and Similar Events without Facilities	22	26
711410	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	15	26
711510	Independent Artists, Writers, and Performers	189	29

Jewelry and Precious Metals

27

You have 1 industry in this cluster:

NAICS	Industry	Jobs	Score
339910	Jewelry and Silverware Manufacturing	25	27

Local Retailing of Clothing and General Merchandise

26

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
448110	Men's Clothing Stores	28	26
448120	Women's Clothing Stores	212	24
448130	Children's and Infants' Clothing Stores	32	25
448140	Family Clothing Stores	446	23
448150	Clothing Accessories Stores	31	25
448190	Other Clothing Stores	125	27
448210	Shoe Stores	189	25
448310	Jewelry Stores	179	29
451130	Sewing, Needlework, and Piece Goods Stores	63	27
452210	Department Stores	1,346	19

452311	Warehouse Clubs and Supercenters	1,205	32
452319	All Other General Merchandise Stores	861	29
453310	Used Merchandise Stores	120	22

Local Personal Services (Non-Medical)

26

You have 18 industries in this cluster:

NAICS	Industry	Jobs	Score
446120	Cosmetics, Beauty Supplies, and Perfume Stores	174	27
446199	All Other Health and Personal Care Stores	61	30
453910	Pet and Pet Supplies Stores	201	30
453998	All Other Miscellaneous Store Retailers (except Tobacco Stores)	212	31
532289	All Other Consumer Goods Rental	154	32
541921	Photography Studios, Portrait	34	27
541940	Veterinary Services	412	31
611511	Cosmetology and Barber Schools	16	25
624410	Child Day Care Services	1,883	23
811490	Other Personal and Household Goods Repair and Maintenance	72	26
812111	Barber Shops	114	28
812112	Beauty Salons	931	22
812113	Nail Salons	393	32
812191	Diet and Weight Reducing Centers	30	26
812199	Other Personal Care Services	137	26
812310	Coin-Operated Laundries and Drycleaners	56	25
812910	Pet Care (except Veterinary) Services	132	27
812990	All Other Personal Services	146	26

Hospitality and Tourism

24

You have 13 industries in this cluster:

NAICS	Industry	Jobs	Score
561510	Travel Agencies	35	29
561520	Tour Operators	13	29
561599	All Other Travel Arrangement and Reservation Services	146	33
711211	Sports Teams and Clubs	84	28
711219	Other Spectator Sports	15	26
712110	Museums	63	29
712130	Zoos and Botanical Gardens	15	28
712190	Nature Parks and Other Similar Institutions	24	28
713110	Amusement and Theme Parks	173	14
713920	Skiing Facilities	13	27
713990	All Other Amusement and Recreation Industries	142	27
721110	Hotels (except Casino Hotels) and Motels	733	23
721214	Recreational and Vacation Camps (except Campgrounds)	14	27

Local Commercial Services

24

You have 31 industries in this cluster:

NAICS	Industry	Jobs	Score
339950	Sign Manufacturing	57	30
453210	Office Supplies and Stationery Stores	107	27
541110	Offices of Lawyers	1,271	38
541211	Offices of Certified Public Accountants	467	37
541219	Other Accounting Services	408	28
541350	Building Inspection Services	25	29
541380	Testing Laboratories	323	29
541620	Environmental Consulting Services	104	30
561110	Office Administrative Services	194	33

561320	Temporary Help Services	2,215	1
561410	Document Preparation Services	23	27
561431	Private Mail Centers	18	26
561439	Other Business Service Centers (including Copy Shops)	17	27
561491	Repossession Services	21	29
561492	Court Reporting and Stenotype Services	75	29
561611	Investigation Services	11	31
561612	Security Guards and Patrol Services	510	27
561613	Armored Car Services	131	28
561621	Security Systems Services (except Locksmiths)	87	29
561622	Locksmiths	26	32
561710	Exterminating and Pest Control Services	181	30
561720	Janitorial Services	1,509	28
561790	Other Services to Buildings and Dwellings	176	29
561990	All Other Support Services	203	29
811212	Computer and Office Machine Repair and Maintenance	62	30
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	361	32
811411	Home and Garden Equipment Repair and Maintenance	28	30
811412	Appliance Repair and Maintenance	35	29
812320	Drycleaning and Laundry Services (except Coin-Operated)	130	26
812331	Linen Supply	78	29
812332	Industrial Launderers	144	31

Local Hospitality Establishments

17

You have 12 industries in this cluster:

NAICS	Industry	Jobs	Score
453220	Gift, Novelty, and Souvenir Stores	173	23

611620	Sports and Recreation Instruction	202	25
713910	Golf Courses and Country Clubs	506	26
713940	Fitness and Recreational Sports Centers	716	23
713950	Bowling Centers	28	28
722310	Food Service Contractors	685	28
722320	Caterers	135	24
722410	Drinking Places (Alcoholic Beverages)	430	22
722511	Full-Service Restaurants	4,593	5
722513	Limited-Service Restaurants	4,293	22
722514	Cafeterias, Grill Buffets, and Buffets	24	26
722515	Snack and Nonalcoholic Beverage Bars	1,501	24













Education and Knowledge Creation

11

You have 10 industries in this cluster:

NAICS	Industry	Jobs	Score
541715	Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	18	38
611210	Junior Colleges	30	21
611310	Colleges, Universities, and Professional Schools	4,910	8
611430	Professional and Management Development Training	23	29
611513	Apprenticeship Training	25	28
611691	Exam Preparation and Tutoring	59	25
611699	All Other Miscellaneous Schools and Instruction	91	27
611710	Educational Support Services	196	31
813920	Professional Organizations	98	35
902612	Colleges, Universities, and Professional Schools (State Government)	3,321	13

Clusters That Don't Appear in Your Region

-  Tobacco
-  Trailers, Motor Homes, and Appliances
-  Oil and Gas Production and Transportation
-  Upstream Chemical Products
-  Music and Sound Recording
-  Footwear
-  Vulcanized and Fired Materials
-  Biopharmaceuticals
-  Water Transportation
-  Fishing and Fishing Products
-  Coal Mining
-  Metal Mining



The clusters in this analysis are defined according to the methodology of Harvard Business School's U.S. Cluster Mapping Project. Cluster icons used with permission of the U.S. Cluster Mapping Project (<http://clustermapping.us>).

Source: *U.S. Cluster Mapping* (<http://clustermapping.us>), Institute for Strategy and Competitiveness, Harvard Business School. Copyright © 2014 President and Fellows of Harvard College. All rights reserved. Research funded in part by the U.S. Department of Commerce, Economic Development Administration.

Emsi has made modifications to the Harvard clusters in order to integrate our additional data.

Appendix A - Data Sources and Calculations

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.

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