

Regional LMI Profile



***Annual Profile for Franklin/Hampshire Workforce Area
May 2010***



Commonwealth of Massachusetts
Executive Office of Labor and
Workforce Development
Joanne F. Goldstein

MassLMI
Labor Market Information

Table of Contents (Workforce Area)

Overview and Highlights

Pages 1-4 Labor market and population highlights of the workforce area.

Workforce Area Maps

Pages 5-7 Map of the 16 workforce areas in Massachusetts, map of individual workforce area, and an alphabetical listing of the cities and towns within each workforce area.

Profile of Unemployment Insurance Claimants

Page 8 Grid of unemployment claims statewide and by workforce area for March 2010. Demographic data is displayed for race, gender, and Hispanic or Latino status. Also provided is the duration of unemployment, the average weekly wage during the 12 months prior to the filing, age group, and level of educational attainment.

Page 9 March 2010 data on continued claimants for unemployment insurance residing in the local workforce area. Demographic data are displayed for race, gender and Hispanic or Latino status of the claimants. Data are also provided for length of the current spell of unemployment, the average weekly wage during the 12 months prior to filing, age group, and level of educational attainment. For comparison purposes statewide statistics are also provided.

Page 10 The occupational categories of the continued claimants arranged in accordance with 22 major groups of the Standard Occupational Classification (SOC) system. The accompanying chart compares the occupational distribution of claimants in the local area with the statewide claimants for the ten largest groups.

Page 11 The industry distribution of the continued claimants' former employer grouped into the 2-digit sectors of the North American Industry Classification System (NAICS). The accompanying chart compares the industry distribution of local claimants' former employers with that of statewide claimants for the ten largest industries. (It should be noted that the employers of local claimants are not necessarily located in the same workforce area in which the claimants reside).

Labor Force and Unemployment Statistics

Page 12 Average labor force, employment, unemployment, and unemployment rate data for the state and each of the workforce areas for the 1st quarter of 2010. The unemployment rate is also shown for the same quarter of the preceding year. The data are not seasonally adjusted.

Page 13 An expansion of page 12 that includes average labor force, employment, unemployment, and unemployment rate data for the state, the workforce area, and each city or town in the area for the 1st quarter of 2010. The unemployment rate is also shown for the same quarter of the preceding year. The data are not seasonally adjusted.

Page 14 Color-coded map showing 1st 2010 unemployment rates for each community in the local area.

Area Size Class Table

Page 15 Data on the distribution of establishments and employment in March 2009, by size class, for the workforce area and the state.

Industry Employment and Wage Statistics

Page 16 Total employment data for the state and each of the workforce areas for the 3rd quarter of 2009 and the prior year quarter, with numerical and percent changes and bar charts. The data represent jobs in U.I.-covered establishments located in the local area.

Page 17 Total employment by major industry for the workforce area for the 3rd quarter of 2009 and the prior year quarter, with numerical and percent changes and bar charts. The data represent jobs in U.I.-covered establishments located in the local area.

Page 18 Annual average employment, gross payroll, and average annual wage for the workforce area by detailed industry for 2008. The data represent average annual employment and wages in U.I.-covered establishments located in the local area, and is by two-digit NAICS code and selected three-digit and four-digit NAICS code.

Location Quotient Tables

Pages 19-21 Tables showing the concentration of annual average employment in 2008, by industry sector, for the workforce area relative to the state and for the state relative to the nation, with a narrative explanation of the definition, computation, uses, and interpretation of location quotients.

Industry and Occupational Projections, 2006 to 2016

Page 22 Chart showing total 2016 projected job openings, including the percent of job openings due to new job growth and openings due to replacement demand.

Page 23 Chart showing the 20 fastest growing industries, 2006-2016.

Page 24 Chart showing industries generating the most new jobs through 2016.

Page 25 Chart showing the 20 fastest growing occupations, 2006-2016.

Page 26 Chart of the occupations projected to generate the most new jobs through 2016.

Occupational Wage Data

Page 27 Table comparing May 2009 wage data by the 22 major groups of the Standard Occupational Classification (SOC) system for Massachusetts and the nation.

Labor Force Participation Rates

Page 28 Total, male and female labor force participation rate trends for Massachusetts and U.S. from 1975 to 2008. Data are presented in table format and line chart format.

Page 29 Total, male and female 2008 labor force participation rates for New England states, including national rank. Data are presented in table format and column chart format.

2000-2009 Census Population Data

Page 30 Population estimates by year for Massachusetts from April 1, 2000 to July 1, 2009, and its 16 workforce areas from April 1, 2000 to July 1, 2009, with net and percent changes.

Page 31 Population estimates by year for workforce area by city and town from April 1, 2000 to July 1, 2009, with net and percent changes.

Page 32 Population estimates by year for Massachusetts and its 14 counties from April 1, 2000 to July 1, 2009, with net and percent changes.

Page 33 Components of population changes (births, deaths, net international migration, and net internal migration) for Massachusetts and its 14 counties from April 1, 2000 to July 1, 2009.

Journey to Work Data from the 2000 Census

Page 34 Commuting pattern data from the 2000 U.S. Census, showing where the area residents work. Totals and percent distributions show the commuting patterns to each Massachusetts workforce area and to neighboring states.

Page 35 Commuting pattern data from the 2000 U.S. Census, showing where the area workers reside (the flip side of page 34). Totals and percent distributions show the commuting patterns from each Massachusetts workforce area and from neighboring states. (Journey to work data for each city and town in Massachusetts are available electronically on request).

Daytime Population Data from the 2000 Census

Page 36 Population data for the state, workforce area and all cities and towns within the area. The tables include total resident population, estimated daytime population, population changes due to commuting, and the employment/residence ratio.

Page 37 Narrative explanation of terms, concepts and definitions of the data contained in the table.

Summary of Trends in the Franklin/Hampshire Workforce Area

Profile of Unemployment Insurance Claimants

- A total of 3,328 individuals were collecting regular Unemployment Insurance in the Franklin/Hampshire Workforce Area during March 2010, with 32.1% collecting for at least 15 weeks. The percentage collecting 15+ weeks was nearly the same as the statewide percentage of 32.9%.
- Among the UI claimants in Franklin/Hampshire, 32.8% earned less than \$500/week on their previous job compared to 30.2% for Massachusetts as a whole. By contrast, just 24.2% of Franklin/Hampshire claimants had weekly wages in excess of \$1000/week as opposed to 30.7% across the entire Commonwealth.
- With regard to age, 46.8% of Franklin/Hampshire claimants in March 2010 were 45 years or older which was above the statewide share of 44.6%.
- The proportion of Franklin/Hampshire claimants that were high school dropouts (7.3%) was well below statewide share of 10.6%. The percentage of Franklin/Hampshire UI claimants that possessed at least a Bachelor's Degree (18.4%) was somewhat below their statewide counterparts (19.6%).
- The three largest occupational categories; Construction (24.0%), Production (11.1%), and Office and Administrative Support (9.6%), accounted for 44.7% of Franklin/Hampshire area claimants. Management (9.1%) and Transportation and Material Moving (8.3%) were also significant contributors to the Franklin/Hampshire UI claimant population.
- From an industry perspective, Construction was the largest source of UI claims, representing 28.6% of the total claimant population, followed by Manufacturing (13.1%). In addition, Administrative Support and Waste Management Services (9.9%) and Retail Trade (8.0%) were large contributors to the UI claimant population. Collectively these four industry categories comprised 59.6% of the total Franklin/Hampshire claimant population.

Labor Force and Unemployment

- Every Workforce Area in the state experienced substantial increases in unemployment during the past year. Between the first quarters of 2009 and 2010, the seasonally unadjusted unemployment rate in the Franklin/Hampshire Workforce Area increased from 6.8% to 8.5%. A total of 11,422 Franklin/Hampshire residents were unemployed in first quarter 2010, an increase of 2,376 (26.3%) over the year. The Franklin/Hampshire Workforce Area had the third lowest unemployment rate among the 16 Workforce Areas in the first quarter of 2010. During this same period, the seasonally unadjusted unemployment rate in Massachusetts increased from 8.2% to 9.9%, representing 342,133 unemployed residents statewide, an increase of 62,477 (22.3%) over the year.
- The number of employed persons in Franklin/Hampshire decreased by -981 (-0.8%) to a 2010 first quarter level of 123,465. Between the first quarters of 2009 and 2010, the number of employed persons in Massachusetts decreased by -4,457 (-0.1%).

Summary of Trends in the Franklin/Hampshire Workforce Area

- During the period under review, the Franklin/Hampshire labor force increased by 1,395 (1.0%) to 134,887, while the Massachusetts labor force increased by 58,020 (1.7%) to 3,463,462.

Employment by Firm Size

- Small employers dominate the Franklin/Hampshire Workforce Area. Among the 6,936 establishments reporting employment in March 2009, 89.3% had fewer than 20 employees. These firms, however, accounted for only 29.0% (25,262) of the jobs located in the Franklin/Hampshire region.
- In contrast to the small business employers, 126 establishments (1.8%) reported having at least 100 employees. These firms, however, were responsible for 43.3% (37,765) of all jobs located in the Franklin/Hampshire Workforce Area. The share of employment among large employers in the region was below the statewide share of 49.4%.

Industry Employment and Wage Trends

- Between the third quarters of 2008 and 2009, the number of jobs in the Franklin/Hampshire Workforce Area decreased by -2,739 or -3.1%. During the same period, the Massachusetts economy lost -6,044 jobs, a decrease of -0.2%.
- Five large sectors, Government (22.7%), Health Care and Social Assistance (12.9%), Retail Trade (12.1%), Leisure and Hospitality (9.9%), and Manufacturing (9.8%), accounted for two-thirds (67.4%) of all jobs in Franklin/Hampshire. In addition, Educational Services represented 8.3% of the total Franklin/Hampshire employment base. It should be noted that the employment numbers for Government include University of Massachusetts, Amherst, while the Educational Services numbers reflect only private Elementary and Secondary Schools and private Colleges and Universities.
- Among the large sectors reporting measurable employment decline were Manufacturing, which decreased -1,242 or -14.0%, Retail Trade (-365, -3.4%), and Government (-225, -1.2%). Health Care and Social Assistance and Leisure and Hospitality were virtually unchanged during the period under review.
- Other key sectors which experienced significant job loss from third quarter 2008 to third quarter 2009 included Construction (-467, -14.7%), Wholesale Trade (-339, -12.3%), Information (-223, -15.7%), and Professional and Business Services (-219, -3.9%).
- The 2008 annual average wage in Franklin/Hampshire of \$38,004 was below the statewide figure of \$56,759 by \$18,755. Among the key sectors whose annual average wages exceeded the overall average in Franklin/Hampshire were Manufacturing (\$47,858), Government (\$47,408), Information (\$47,379), Wholesale Trade (\$46,025), Educational Services (\$45,930), and Professional and Business Services (\$45,850).
- Two of the area's largest sectors, Retail Trade (\$24,686) and Leisure and Hospitality (\$14,288), had wages that were considerably lower than the Franklin/Hampshire annual average wage of \$38,004.

Summary of Trends in the Franklin/Hampshire Workforce Area

Massachusetts Industry and Occupational Projections 2006-2016

- The Massachusetts economy is expected to generate 216,650 net new jobs between 2006 and 2016, an increase of 6.3%. An additional 768,330 job openings will result from the need to replace workers who retire, change industries or change occupations. In total, nearly one million jobs will need to be filled by 2016.
- The two fastest growing industry sectors, Professional, Technical, and Business Services (+18.1%) and Health and Educational Services (+16.8%) will also add the most jobs, expanding by 85,400 and 102,020 jobs respectively, and together will represent more than 86 percent of all net new jobs. Health Care alone will account for 64,630 jobs during the projection period. The third fastest growth is expected in Leisure and Hospitality (+9.2%), which is projected to add 27,160 jobs.
- On a more detailed basis, eight industries are expected to increase by more than 10,000 jobs. These include Private Hospitals (+23,530), Management and Technical Consulting (+19,100), Computer Systems Design (+17,600), Food Services and Drinking Places (+16,450), Individual and Family Services (+12,870), Residential Care Facilities (+11,320), Offices of Health Practitioners (+10,510), and Colleges and Universities (+10,300). Collectively, these eight industries account for nearly 121,680 or 56.2% of the 216,650 projected net new jobs.
- Among the 30 fastest growing occupations, 13 are in either Health Care or Information Technology. In terms of education and training, 23 of these fast growing occupations require at least an Associate's Degree. The top five fastest growing occupations include Network Systems Analysts (+50%), Personal and Home Care Aides (+36%), Computer Applications Engineers (+35%), Home Health Aides (+34%), and Veterinary Technologists and Technicians (+33%).
- Twenty occupations will account for more than half the net new jobs created through 2016. Many are large occupations concentrated in industries such as Retail Trade and Hospitality. The five occupations generating the most new jobs are expected to include Registered Nurses (+16,110), Customer Service Representatives (+8,390), Computer Software Applications Engineers (+8,260), Combined Food Preparation and Serving Workers (+7,760), and Home Health Aides (+5,820).
- While the focus is often on new job growth, it is important to remember that most job openings will be the result of replacement demand and not growth. In fact, 78% of the nearly one million projected net new job openings statewide will occur because of replacement associated with retirement, labor force withdrawal, and occupational changes. For example, total projected net new openings for Registered Nurses are expected to be 29,050, with 12,940 replacement jobs and 16,110 new jobs. Replacement needs tend to be greatest in occupations with high proportions of workers nearing retirement (teachers, machinists) or occupations with large concentrations of young and part-time workers (waiters and waitresses, retail salespersons).
- Education and training will play an increasingly prominent role for both current and future job seekers. More than half (60%) of all new jobs related to growth will require an Associate's Degree or higher. While a Bachelor's Degree may be preferable, it is important to recognize that some form of post-secondary education will be essential for those seeking a rewarding career path with good pay and upward mobility.

Summary of Trends in the Franklin/Hampshire Workforce Area

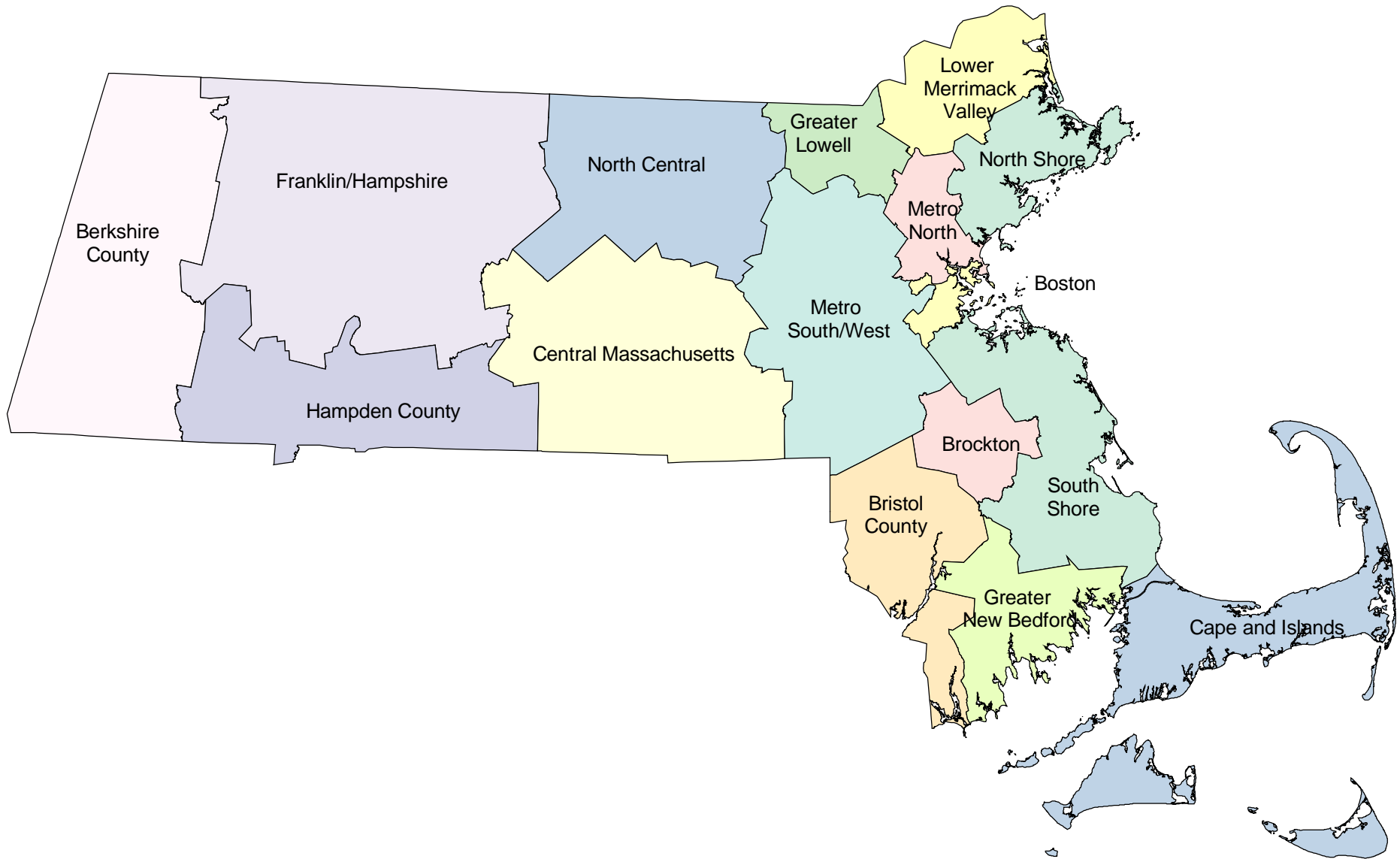
Population Estimates 2000-2009

- Between the April 2000 Census and July 2009, the total population in the Franklin/Hampshire Workforce Area grew by 5,013 an increase of 2.1%. During this same April 2000 to July 2009 period, Massachusetts' population increased by 244,468 (+3.9%).
- Among the 30 largest cities and towns in Massachusetts, there were 13 that lost population. However, Franklin/Hampshire did not include any of the 30 largest cities and towns. Within the Workforce Area, Amherst (36,246), Northampton (28,370) and Greenfield (17,537) were the three largest communities.
- Most of Franklin/Hampshire's population growth between April 2000 and July 2009 was due to net migration. Most of the growth in Hampshire County (3,789) was related to this phenomenon and a part of the very small increase in Franklin County (243). This was the result of a net increase in international migration (3,250 in Hampshire and 1,071 in Franklin) and a net in-migration from other states or other communities within Massachusetts to Hampshire (859) and a net out-migration from Franklin (-784).
- As a result of daytime population changes due to commuting, the Franklin/Hampshire Workforce Area had a fairly sizeable daily net outflow of 18,962 workers at the time of the 2000 Census. This resulted from the difference between 125,499 employed residents as compared to 106,537 workers employed in Franklin/Hampshire business firms.

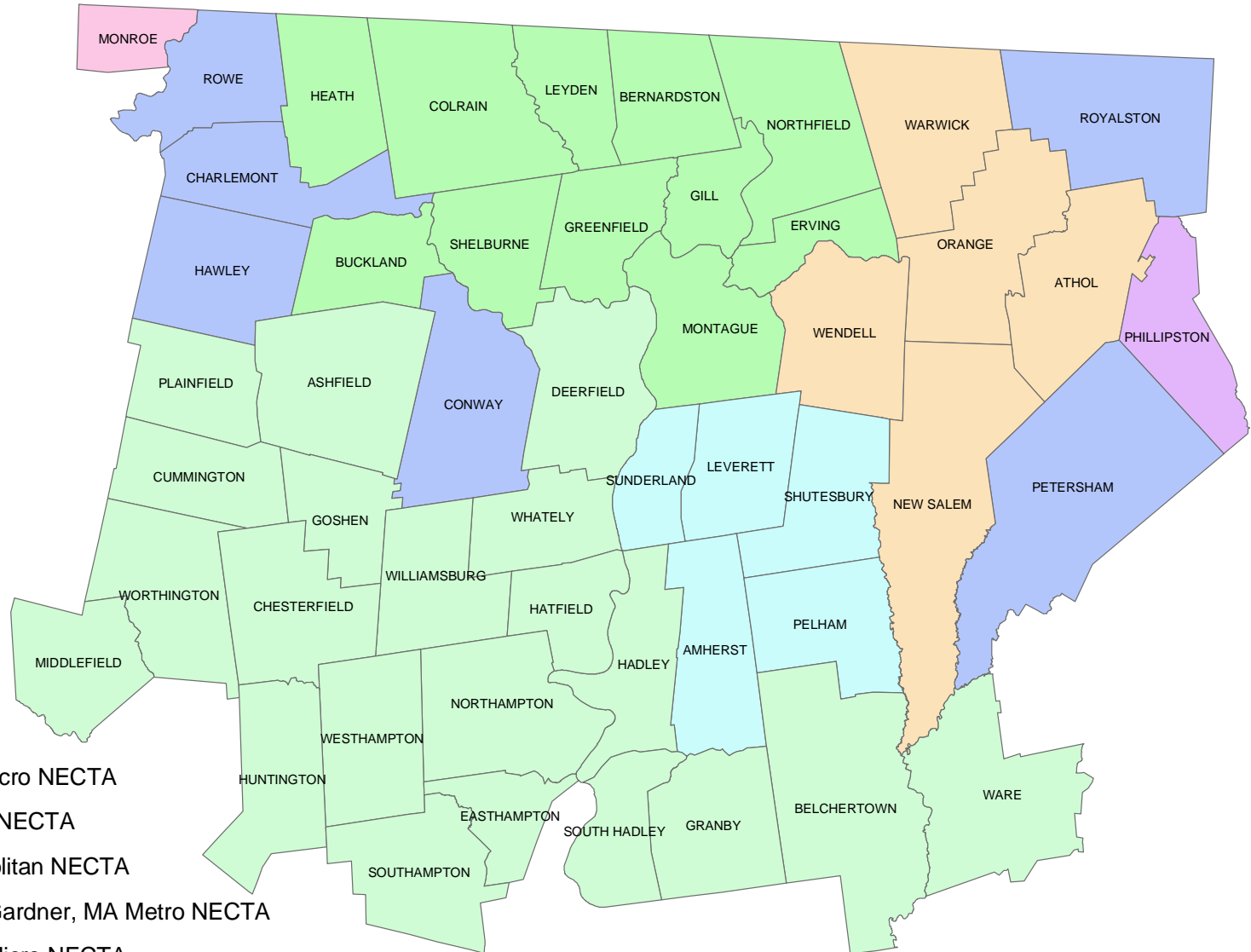
Massachusetts and U.S. Wages by Occupational Group

- According to the most recent wage survey conducted in May 2009 the mean Massachusetts wage for all occupations was \$52,710. The average Massachusetts wage exceeded the average U.S. wage of \$43,460 by \$9,250 or 21.3%.
- Massachusetts wages were larger than their U.S. counterparts in all 22 occupational groups for which wage information was collected. The top three occupational categories in Massachusetts were Management (\$117,640), Legal (\$99,920), and Computer and Mathematics (\$88,610).
- In addition to the three occupational groups noted above, there were four other occupational groups in Massachusetts that exceeded an average wage of \$70,000. These categories included Architecture and Engineering (\$80,470), Healthcare Practitioners (\$78,390), Business and Financial (\$76,990), and Life, Physical, and Social Science (\$74,710).
- On the opposite end of the wage scale, the three occupational categories with the lowest average wages in Massachusetts were all below \$30,000. These groups included, Personal Care and Service (\$29,070), Farming, Fishing, and Forestry (\$28,600), and, the category with the lowest average wage, Food Preparation and Serving (\$25,110).

Massachusetts 16 Workforce Areas



The Franklin/Hampshire Workforce Area comprises 50 cities and towns in the following 7 NECTAs



- Amherst Center, MA Micro NECTA
- Athol, MA Micropolitan NECTA
- Greenfield, MA Micropolitan NECTA
- Leominster-Fitchburg-Gardner, MA Metro NECTA
- North Adams, MA-VT Micro NECTA
- Other (Not in any NECTA)
- Springfield, MA-CT Metropolitan NECTA

Franklin/Hampshire Workforce Area

Title	2000-Based LMA	Type	1990-Based LMA	Type	County
Amherst Town, MA	Amherst Center, MA Micropolitan NECTA	Micro	Springfield, MA	MSA	Hampshire County
Ashfield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Greenfield, MA LMA	SLMA	Franklin County
Athol Town, MA	Athol, MA Micropolitan NECTA	Micro	Athol, MA LMA	SLMA	Worcester County
BelcherTown Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Bernardston Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Buckland Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Charlemont Town, MA		Other	Greenfield, MA LMA	SLMA	Franklin County
Chesterfield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Colrain Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Conway Town, MA		Other	Greenfield, MA LMA	SLMA	Franklin County
Cummington Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Deerfield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Greenfield, MA LMA	SLMA	Franklin County
Easthampton City, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Erving Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Gill Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Goshen Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Granby Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Greenfield Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Hadley Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Hatfield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Hawley Town, MA		Other	Greenfield, MA LMA	SLMA	Franklin County
Heath Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Huntington Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Leverett Town, MA	Amherst Center, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Leyden Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Middlefield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Monroe Town, MA	North Adams, MA-VT Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Montague Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
New Salem Town, MA	Athol, MA Micropolitan NECTA	Micro	Athol, MA LMA	SLMA	Franklin County
Northampton City, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Northfield Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Orange Town, MA	Athol, MA Micropolitan NECTA	Micro	Athol, MA LMA	SLMA	Franklin County
Pelham Town, MA	Amherst Center, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Hampshire County
Petersham Town, MA		Other	Athol, MA LMA	SLMA	Worcester County
Phillipston Town, MA	Leominster-Fitchburg-Gardner, MA Metropolitan NECTA	Metro	Athol, MA LMA	SLMA	Worcester County
Plainfield Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Rowe Town, MA		Other	Greenfield, MA LMA	SLMA	Franklin County
Royalston Town, MA		Other	Athol, MA LMA	SLMA	Worcester County
Shelburne Town, MA	Greenfield, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Shutesbury Town, MA	Amherst Center, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
South Hadley Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Southampton Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Sunderland Town, MA	Amherst Center, MA Micropolitan NECTA	Micro	Springfield, MA	MSA	Franklin County
Ware Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Warwick Town, MA	Athol, MA Micropolitan NECTA	Micro	Athol, MA LMA	SLMA	Franklin County
Wendell Town, MA	Athol, MA Micropolitan NECTA	Micro	Greenfield, MA LMA	SLMA	Franklin County
Westhampton Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County
Whately Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Greenfield, MA LMA	SLMA	Franklin County
Williamsburg Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Springfield, MA	MSA	Hampshire County
Worthington Town, MA	Springfield, MA-CT Metropolitan NECTA	Metro	Balance of Western MA, MA LMA	SLMA	Hampshire County

Profile of Unemployment Insurance Claimants, Massachusetts and Workforce Areas March 2010

	Total Claimants	Race					Hispanic or Latino			Gender		Weeks of Unemployment			
		White	Black	Asian	Other	INA	Yes	No	INA	Male	Female	1-2	3-4	5-14	15+
Massachusetts	137,617	82.6%	7.4%	2.5%	0.3%	7.1%	9.8%	89.4%	0.8%	66.6%	33.4%	11.0%	8.0%	48.1%	32.9%
Berkshire County	3,441	93.5%	2.8%	0.3%	0.3%	3.1%	2.6%	97.1%	0.3%	69.6%	30.4%	11.4%	8.4%	49.8%	30.3%
Boston	10,390	50.6%	30.0%	6.1%	0.4%	12.8%	17.3%	81.6%	1.1%	59.4%	40.6%	13.1%	8.9%	42.3%	35.7%
Bristol County	14,485	88.0%	4.3%	1.3%	0.2%	6.1%	7.4%	92.0%	0.5%	72.3%	27.7%	10.6%	7.9%	51.7%	29.8%
Brockton	5,466	74.1%	16.7%	1.2%	0.3%	7.7%	5.8%	93.7%	0.5%	65.8%	34.2%	11.2%	7.7%	48.0%	33.1%
Cape and Islands	8,347	88.4%	4.5%	0.5%	0.7%	6.0%	4.0%	95.3%	0.7%	59.0%	41.0%	5.2%	5.4%	52.4%	37.0%
Central Mass	12,541	88.5%	4.5%	1.6%	0.3%	5.1%	8.3%	91.1%	0.5%	67.9%	32.1%	12.0%	8.3%	46.4%	33.2%
Franklin/Hampshire	3,328	92.8%	1.4%	0.7%	0.3%	4.9%	2.6%	97.0%	0.5%	68.8%	31.2%	10.1%	7.1%	50.7%	32.1%
Greater Lowell	5,345	83.4%	2.8%	8.3%	0.3%	5.2%	7.8%	91.5%	0.7%	67.0%	33.0%	12.5%	7.9%	48.8%	30.8%
Greater New Bedford	6,023	84.5%	6.7%	0.4%	0.2%	8.1%	8.0%	91.4%	1.0%	73.0%	27.0%	10.3%	8.0%	54.3%	27.4%
Hampden County	11,219	79.7%	9.7%	0.8%	0.3%	9.5%	17.6%	81.7%	0.4%	67.2%	32.8%	10.3%	7.6%	48.9%	33.2%
Lower Merrimack Valley	10,723	84.9%	3.6%	1.2%	0.4%	10.0%	20.1%	78.9%	0.7%	71.0%	29.0%	13.1%	8.5%	46.1%	32.4%
Metro North	11,895	79.7%	7.7%	4.4%	0.4%	7.9%	12.0%	87.4%	0.6%	63.7%	36.3%	11.9%	8.8%	44.7%	34.5%
Metro South/West	10,111	86.2%	3.6%	3.2%	0.2%	6.8%	6.4%	92.9%	0.7%	65.1%	34.9%	10.8%	7.8%	46.8%	34.6%
North Central	5,917	90.3%	2.5%	1.1%	0.2%	5.9%	9.9%	85.9%	0.7%	69.5%	30.5%	11.5%	8.8%	47.9%	31.7%
North Shore	7,936	86.3%	6.0%	2.2%	0.2%	5.2%	11.0%	88.4%	0.5%	63.9%	36.1%	10.2%	8.4%	47.7%	33.7%
South Shore	10,450	85.2%	4.8%	5.0%	0.3%	4.7%	2.2%	97.3%	4.1%	65.3%	34.7%	10.8%	8.1%	48.5%	32.6%

	Average Weekly Wage						Age Group					Education Attainment*			
	<\$300	\$300- \$499	\$500- \$799	\$800- \$999	\$1,000- \$1,499	\$1,500+	Under 25	25-44	45-54	55-64	65+	Through Grade 11	H.S. Graduate	1-3 Yrs. College	4 or More College
Massachusetts	11.9%	18.4%	26.6%	12.4%	17.8%	12.9%	9.5%	45.9%	25.0%	15.3%	4.3%	11.9%	44.2%	22.0%	22.0%
Berkshire County	14.1%	26.3%	31.9%	12.4%	11.1%	4.0%	10.4%	43.6%	24.0%	16.6%	5.4%	11.2%	53.3%	21.3%	14.2%
Boston	14.0%	19.1%	26.7%	11.8%	16.1%	12.3%	10.2%	55.1%	20.9%	11.3%	2.5%	13.3%	36.2%	20.7%	29.8%
Bristol County	11.5%	18.9%	26.9%	12.4%	19.4%	10.8%	9.8%	47.4%	25.7%	13.5%	3.5%	19.9%	48.4%	19.6%	12.1%
Brockton	12.2%	19.0%	28.0%	12.0%	18.1%	10.7%	10.8%	47.1%	24.7%	13.1%	4.4%	12.1%	49.7%	23.3%	14.9%
Cape and Islands	14.3%	23.4%	30.6%	12.6%	12.9%	6.3%	9.2%	40.1%	23.6%	18.1%	8.9%	6.6%	39.8%	28.2%	25.4%
Central Mass	11.9%	18.1%	27.0%	13.1%	18.1%	11.6%	10.0%	46.1%	24.8%	15.3%	3.8%	9.5%	48.5%	22.6%	19.4%
Franklin/Hampshire	11.3%	21.5%	31.0%	12.0%	17.4%	6.8%	10.8%	42.4%	26.4%	17.0%	3.4%	7.8%	50.4%	21.9%	19.9%
Greater Lowell	9.7%	16.7%	27.2%	13.2%	18.9%	14.3%	10.2%	46.5%	25.4%	14.6%	3.2%	11.0%	48.3%	21.2%	19.6%
Greater New Bedford	15.0%	20.4%	25.6%	11.3%	17.5%	10.2%	11.2%	45.5%	24.8%	15.0%	3.6%	27.5%	45.0%	18.5%	9.0%
Hampden County	16.6%	22.9%	28.8%	11.9%	14.1%	5.8%	12.3%	47.5%	22.7%	13.9%	3.6%	17.1%	48.4%	22.9%	11.6%
Lower Merrimack Valley	10.3%	15.9%	23.5%	12.3%	19.7%	18.2%	8.5%	46.2%	27.1%	15.0%	3.2%	15.4%	43.4%	20.6%	20.6%
Metro North	9.7%	15.4%	25.6%	13.3%	19.8%	16.1%	7.3%	49.2%	24.2%	14.9%	4.5%	9.8%	39.4%	20.3%	30.5%
Metro South/West	7.1%	12.7%	22.8%	12.0%	19.4%	26.0%	6.0%	39.7%	29.1%	19.3%	5.9%	5.9%	31.9%	19.5%	42.7%
North Central	10.6%	18.7%	27.4%	13.2%	18.2%	11.8%	10.1%	43.6%	26.6%	15.9%	3.7%	10.4%	51.6%	22.5%	15.4%
North Shore	12.3%	0.0%	26.1%	12.4%	18.4%	12.6%	9.2%	43.9%	25.0%	17.1%	4.7%	8.5%	45.9%	22.8%	22.8%
South Shore	10.7%	15.5%	24.6%	12.7%	20.2%	16.4%	8.5%	43.7%	25.9%	16.8%	5.2%	5.9%	44.4%	24.8%	24.9%

*Data based on a sample of all claimants signing for the Survey Week.

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Profile of Massachusetts Unemployment Claimants

**Profile of Unemployment Insurance Claimants
Franklin/Hampshire Workforce Area
March 2010**

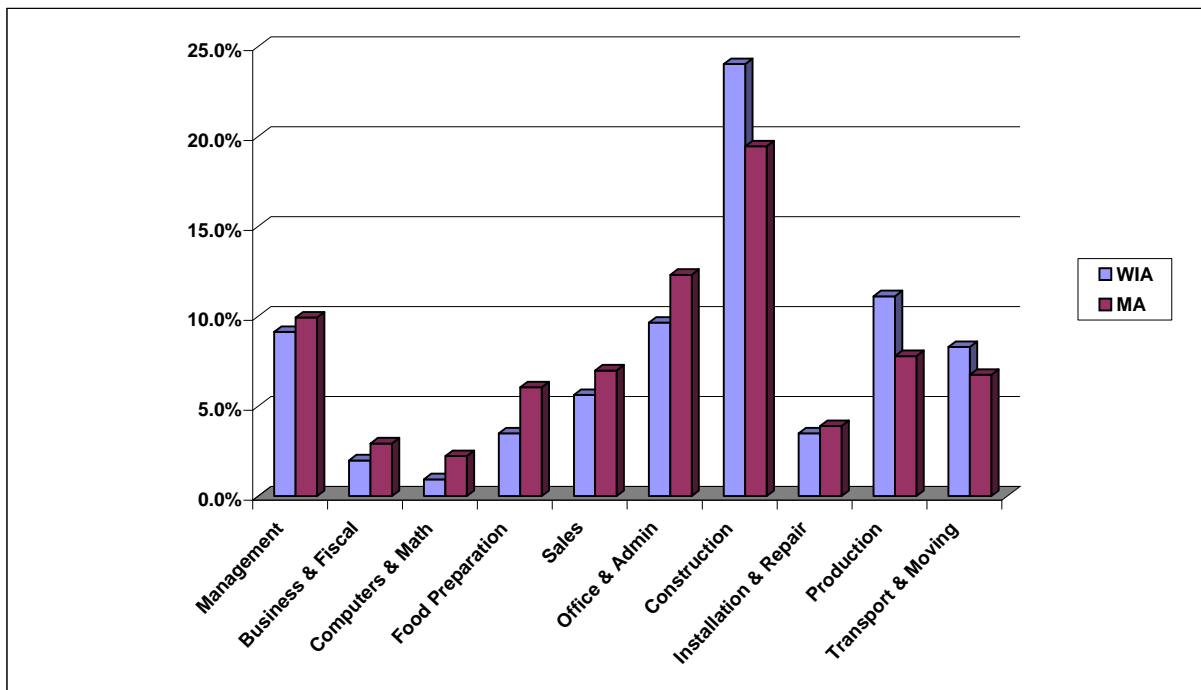
Claimants by Race	Franklin/Hampshire March 2010		Massachusetts March 2010	
	Number	Percent	Number	Percent
Total	3,328	100.0%	137,617	100.0%
White	3,087	92.8%	113,716	82.6%
Black	46	1.4%	10,169	7.4%
Native American	9	0.3%	324	0.2%
Asian	23	0.7%	3,474	2.5%
Hawaiian & Pacific Islanders	1	0.0%	105	0.1%
INA or Unknown	162	4.9%	9,829	7.1%
Claimants by Hispanic or Latino				
Hispanic or Latino	85	2.6%	13,532	9.8%
Not Hispanic or Latino	3,229	97.0%	122,966	89.4%
INA	14	0.4%	1,119	0.8%
Claimants by Gender				
Male	2,292	68.8%	91,682	66.6%
Female	1,038	31.2%	45,948	33.4%
Claimants by Length of Current Spell of Unemployment				
1-2 Weeks	335	10.1%	15,158	11.0%
3-4 Weeks	238	7.1%	11,053	8.0%
5-14 Weeks	1,689	50.7%	66,159	48.1%
15+ Weeks	1,068	32.1%	45,263	32.9%
Claimants by Average Weekly Wage				
Under \$300	377	11.3%	16,321	11.9%
\$300 - \$499	715	21.5%	25,294	18.4%
\$500 - \$799	1,032	31.0%	36,636	26.6%
\$800 - \$999	399	12.0%	17,123	12.4%
\$1,000 - \$1,499	580	17.4%	24,518	17.8%
\$1,500 and Over	225	6.8%	17,714	12.9%
Claimants by Age Group				
Under Age 22	118	3.5%	4,563	3.3%
22 -24	240	7.2%	8,451	6.1%
25 - 34	714	21.4%	31,523	22.9%
35 - 44	699	21.0%	31,701	23.0%
45 -54	880	26.4%	34,417	25.0%
55 - 59	324	9.7%	12,288	8.9%
60 - 64	243	7.3%	8,765	6.4%
Over Age 64	112	3.4%	5,922	4.3%
Claimants by Level of Educational Attainment				
Through Grade 8	13	0.5%	4,097	3.6%
9th to 11th Grade	213	7.4%	9,256	8.2%
High School Graduate	1,451	50.4%	49,788	44.2%
1-3 Years of College	630	21.9%	24,708	22.0%
4 or More Years of College	572	19.9%	24,710	22.0%

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Profile of Massachusetts Unemployment Claimants

Profile of Unemployment Insurance Claimants Franklin/Hampshire (Continued)

Claimants by Standard Occupational Classification (SOC)	Franklin/Hampshire March 2010		Massachusetts March 2010	
	Number	Percent	Number	Percent
Total	3,330	100.0%	137,633	100.0%
Management (SOC 11)	304	9.1%	13,666	9.9%
Business & Fiscal Operations (SOC 13)	66	2.0%	4,029	2.9%
Computer & Mathematics (SOC 15)	31	0.9%	3,053	2.2%
Architecture & Engineering (SOC 17)	54	1.6%	2,923	2.1%
Life, Physical & Social Sciences (SOC 19)	26	0.8%	962	0.7%
Community & Social Services (SOC 21)	31	0.9%	1,342	1.0%
Legal Occupations (SOC 23)	12	0.4%	740	0.5%
Education, Training & Library (SOC 25)	75	2.3%	1,856	1.3%
Arts, Design, Entertainment, Sports & Media (SOC 27)	59	1.8%	2,553	1.9%
Health Practitioners & Technical (SOC 29)	66	2.0%	2,386	1.7%
Healthcare Support (SOC 31)	73	2.2%	2,598	1.9%
Protective Services (SOC 33)	20	0.6%	1,222	0.9%
Food Preparation & Serving (SOC 35)	116	3.5%	8,322	6.0%
Building & Grounds Cleaning & Maintenance (SOC 37)	220	6.6%	9,162	6.7%
Personal Care & Service (SOC 39)	81	2.4%	2,822	2.1%
Sales & Related (SOC 41)	187	5.6%	9,610	7.0%
Office & Administrative Support (SOC 43)	321	9.6%	16,936	12.3%
Farming, Fishing, Forestry (SOC 45)	24	0.7%	1,128	0.8%
Construction and Extraction (SOC 47)	800	24.0%	26,774	19.5%
Installation, Maintenance, Repair (SOC 49)	116	3.5%	5,358	3.9%
Production Occupations (SOC 51)	370	11.1%	10,710	7.8%
Transportation & Material Moving (SOC 53)	276	8.3%	9,287	6.7%
INA or SOC Code Unknown	-	0.0%	46	0.0%

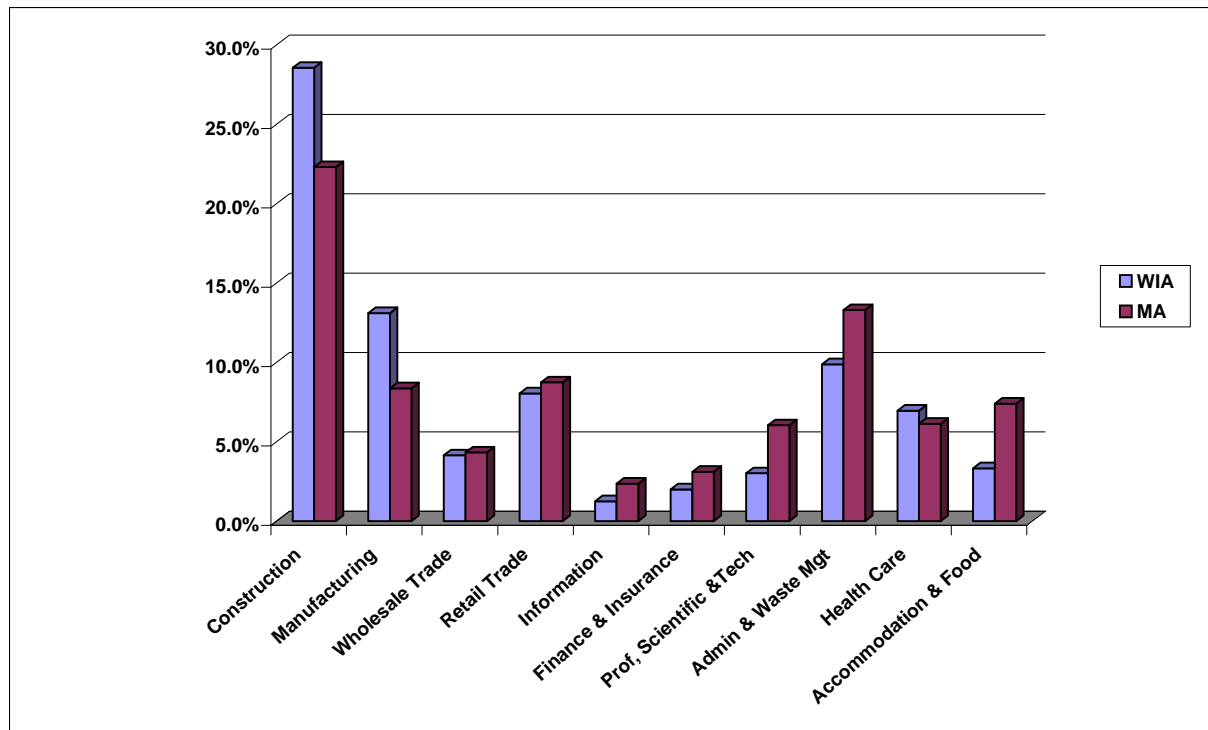


Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Profile of Massachusetts Unemployment Claimants

Profile of Unemployment Insurance Claimants Franklin/Hampshire (Continued)

Claimants by NAICS Industry Classification	Franklin/Hampshire March 2010		Massachusetts March 2010	
	Number	Percent	Number	Percent
Total (does not include partially-unemployed claimants)	2,945	100.0%	124,314	100.0%
Agriculture, Forestry, Fishing, Hunting (NAICS 11)	31	1.1%	1,057	0.9%
Mining (NAICS 21)	14	0.5%	380	0.3%
Utilities (NAICS 22)	1	0.0%	131	0.1%
Construction (NAICS 23)	841	28.6%	27,727	22.3%
Manufacturing (NAICS 31-33)	386	13.1%	10,402	8.4%
Wholesale Trade (NAICS 42)	122	4.1%	5,376	4.3%
Retail Trade (NAICS 44-45)	237	8.0%	10,864	8.7%
Transportation and Warehousing (NAICS 48-49)	48	1.6%	3,303	2.7%
Information (NAICS 51)	37	1.3%	2,933	2.4%
Finance and Insurance (NAICS 52)	59	2.0%	3,862	3.1%
Real Estate and Rental Leasing (NAICS 53)	31	1.1%	1,875	1.5%
Professional, Scientific and Technical Services (NAICS 54)	89	3.0%	7,515	6.0%
Management of Companies and Enterprises (NAICS 55)	4	0.1%	414	0.3%
Admin. & Support & Waste Mgt. & Redemption Serv. (NAICS 56)	291	9.9%	16,526	13.3%
Educational Services (NAICS 61)	85	2.9%	1,514	1.2%
Health Care and Social Assistance (NAICS 62)	205	7.0%	7,617	6.1%
Arts, Entertainment and Recreation (NAICS 71)	68	2.3%	3,671	3.0%
Accommodation and Food Services (NAICS 72)	98	3.3%	9,204	7.4%
Other Services (Except Public Administration) (NAICS 81)	132	4.5%	4,555	3.7%
Public Administration (NAICS 92)	59	2.0%	1,893	1.5%
INA (No NAICS Code)	107	3.6%	3,495	2.8%



Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Profile of Massachusetts Unemployment Claimants

Ncdqt 'Hqt eg'Gwlo cvgu'd{ 'Y qt mhqt eg'Ct gc

3w'S wct vgt '4232

<i>Ct gc</i>	<i>Ncdqt 'Hqt eg</i>	<i>Go r riq{gf</i>	<i>Wpgo r riq{gf</i>	<i>3w'S v '4232'' Wpgo r 'Tcvg</i>	<i>3w'S v '422; '' Wpgo r 'Tcvg</i>
Massachusetts	3,463,467	3,121,333	342,133	9.9%	8.2%
Berkshire County	72,579	65,295	7,284	10.0%	8.5%
Boston	311,630	284,539	27,090	8.7%	7.3%
Bristol County	200,664	174,755	25,909	12.9%	11.3%
Brockton	126,168	112,523	13,645	10.8%	8.9%
Cape and Islands	133,533	115,982	17,552	13.1%	11.2%
Central Mass	291,669	261,730	29,939	10.3%	8.4%
Franklin/Hampshire	134,887	123,465	11,422	8.5%	6.8%
Greater Lowell	148,254	133,045	15,209	10.3%	8.6%
Greater New Bedford	108,518	93,346	15,173	14.0%	11.9%
Hampden County	226,427	199,221	27,207	12.0%	9.7%
Lower Merrimack Valley	166,450	147,449	19,001	11.4%	9.6%
Metro North	422,611	389,289	33,322	7.9%	6.5%
Metro South/West	488,527	452,920	35,606	7.3%	6.1%
North Central	127,711	113,190	14,521	11.4%	9.4%
North Shore	217,838	196,804	21,033	9.7%	8.1%
South Shore	285,995	257,776	28,219	9.9%	7.9%

Note: Data is not seasonally adjusted.

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Local Area Unemployment Statistics (LAUS) April 2010

Labor Force Estimates by City And Town

1st Quarter 2010

<i>Area</i>	<i>Labor Force</i>	<i>Employed</i>	<i>Unemployed</i>	<i>1st Qtr 2010 Unemp Rate</i>	<i>1st Qtr 2009 Unemp Rate</i>
Massachusetts	3,463,467	3,121,333	342,133	9.9%	8.2%
Franklin/Hampshire Workforce Area	134,887	123,465	11,422	8.5%	6.8%
Amherst	19,381	18,492	890	4.6%	3.7%
Ashfield	1,094	1,018	76	7.0%	5.7%
Athol	5,435	4,715	720	13.2%	10.4%
Belchertown	8,275	7,595	681	8.2%	6.4%
Bernardston	1,228	1,117	111	9.0%	7.7%
Buckland	1,102	1,046	56	5.1%	3.9%
Charlemont	789	712	77	9.7%	6.7%
Chesterfield	767	702	65	8.5%	6.5%
Colrain	1,024	907	117	11.5%	8.3%
Conway	1,155	1,065	90	7.8%	4.8%
Cummington	514	458	56	10.9%	9.2%
Deerfield	2,773	2,518	255	9.2%	7.4%
Easthampton	9,545	8,680	865	9.1%	7.4%
Erving	846	761	85	10.0%	8.3%
Gill	812	729	83	10.2%	8.5%
Goshen	604	552	52	8.6%	7.0%
Granby	3,571	3,218	352	9.9%	7.9%
Greenfield	9,094	8,184	910	10.0%	8.2%
Hadley	2,528	2,323	206	8.1%	5.9%
Hatfield	1,983	1,824	159	8.0%	6.5%
Hawley	170	154	16	9.4%	5.3%
Heath	470	423	47	9.9%	5.5%
Huntington	1,302	1,153	149	11.5%	10.3%
Leverett	1,051	989	62	5.9%	5.1%
Leyden	476	441	35	7.3%	7.1%
Middlefield	322	299	23	7.0%	6.1%
Monroe	29	23	7	22.7%	19.8%
Montague	4,339	3,863	476	11.0%	9.2%
New Salem	571	512	59	10.3%	7.9%
Northampton	16,333	15,244	1,088	6.7%	5.4%
Northfield	1,766	1,600	165	9.4%	6.7%
Orange	3,841	3,345	496	12.9%	9.7%
Pelham	809	780	29	3.5%	2.6%

Note: Data is not seasonally adjusted.

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Local Area Unemployment Statistics (LAUS) April 2010

Labor Force Estimates by City And Town

1st Quarter 2010

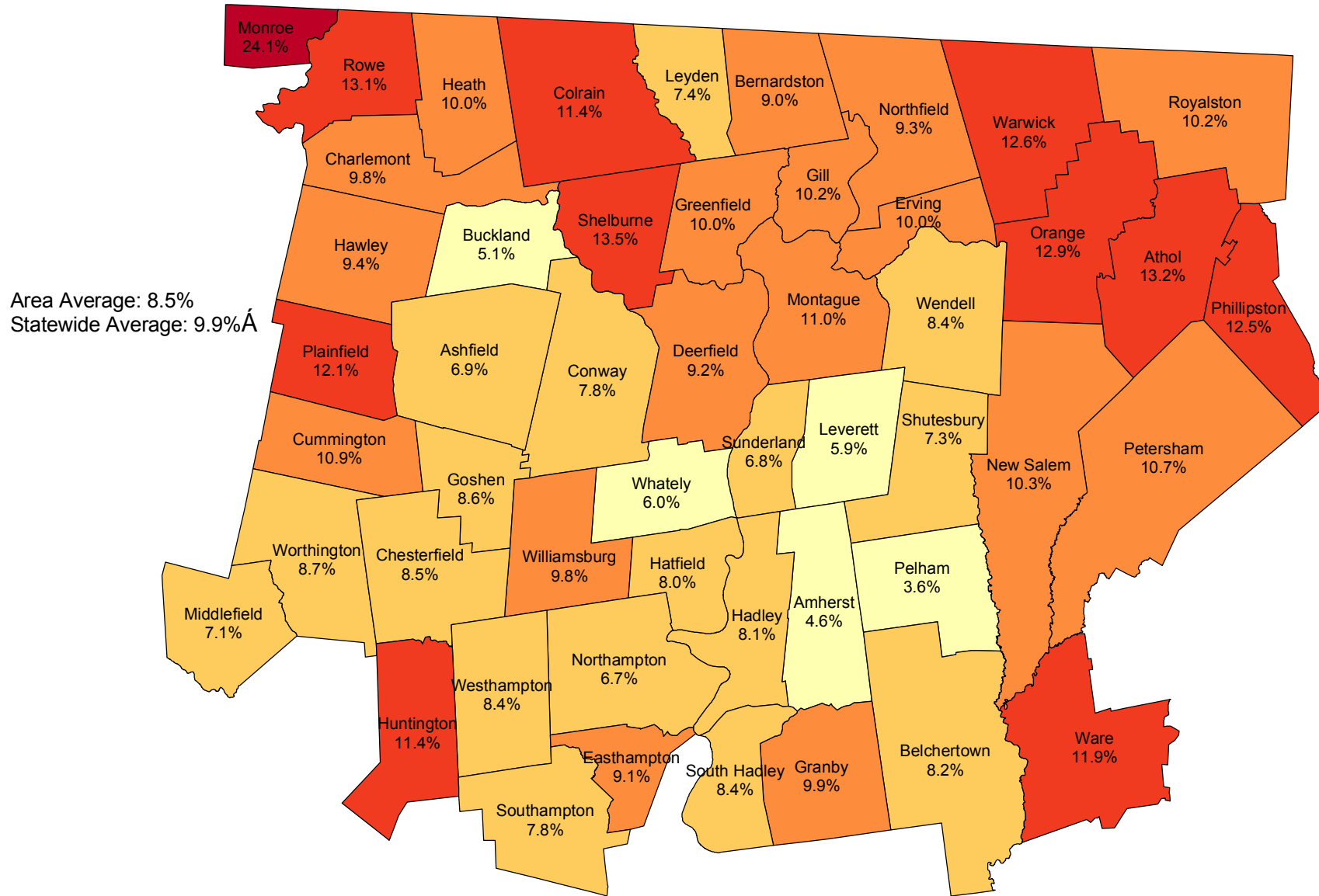
<i>Area</i>	<i>Labor Force</i>	<i>Employed</i>	<i>Unemployed</i>	<i>1st Qtr 2010 Unemp Rate</i>	<i>1st Qtr 2009 Unemp Rate</i>
Massachusetts	3,463,467	3,121,333	342,133	9.9%	8.2%
Franklin/Hampshire Workforce Area	134,887	123,465	11,422	8.5%	6.8%
Petersham	692	618	74	10.7%	7.3%
Phillipston	976	854	122	12.5%	9.8%
Plainfield	306	270	37	12.0%	10.8%
Rowe	191	167	25	12.9%	6.3%
Royalston	660	593	67	10.2%	10.2%
Shelburne	1,125	973	152	13.5%	10.8%
Shutesbury	1,164	1,079	85	7.3%	6.0%
South Hadley	9,497	8,704	793	8.4%	6.6%
Southampton	3,509	3,237	272	7.8%	6.7%
Sunderland	2,344	2,184	160	6.8%	5.4%
Ware	5,341	4,707	635	11.9%	9.4%
Warwick	366	320	46	12.6%	5.8%
Wendell	585	536	49	8.3%	7.2%
Westhampton	950	870	80	8.4%	7.0%
Whately	946	888	57	6.1%	4.9%
Williamsburg	1,558	1,406	152	9.8%	8.0%
Worthington	678	619	59	8.7%	9.0%

Note: Data is not seasonally adjusted.

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Local Area Unemployment Statistics (LAUS) April 2010

1st Quarter 2010 Unemployment Rates in the Franklin/Hampshire Workforce Area



**Distribution of Establishments and Employment by Size Group
Franklin/Hampshire Workforce Investment Area and Massachusetts
March 2009**

Size Group	# Establishments Franklin/Hampshire	Share of All Establishments	# Establishments State	Share of All Establishments
0 to 19	6,195	89.3%	186,082	87.7%
20 to 99	615	8.9%	21,316	10.0%
100 to 499	113	1.6%	4,287	2.0%
500+	13	0.2%	578	0.3%
Total	6,936	100.0%	212,263	100.0%

Size Group	# Employees Franklin/Hampshire	Share of All Employees	# Employees State	Share of All Employees
0 to 19	25,262	29.0%	715,532	23.0%
20 to 99	24,200	27.7%	855,011	27.5%
100 to 499	21,785	25.0%	813,548	26.2%
500+	15,980	18.3%	721,548	23.2%
Total	87,227	100.0%	3,105,639	100.0%

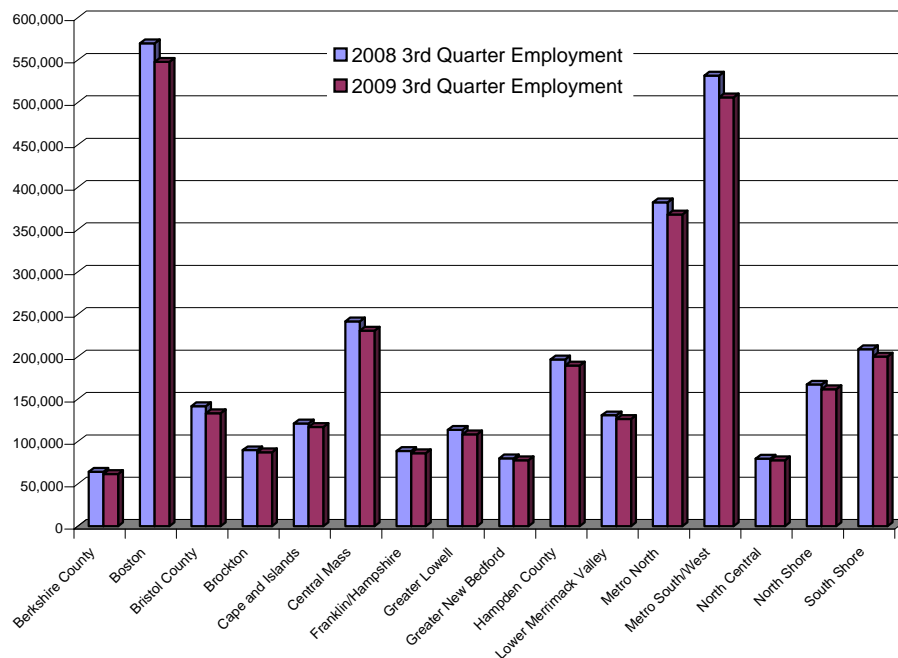
Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Quarterly Census of Employment and Wages (ES-202)

Total Employment for Massachusetts and Workforce Areas 3rd Quarter 2008 vs. 2009

Sector	2008 3rd Quarter Employment	2009 3rd Quarter Employment	Yr/Yr Employment Change	Yr/Yr Employment % Change
Massachusetts	3,251,799	3,245,755	-6,044	-0.2%
Berkshire County	64,136	61,567	-2,569	-4.0%
Boston	569,771	548,067	-21,704	-3.8%
Bristol County	141,804	133,503	-8,301	-5.9%
Brockton	89,744	87,260	-2,484	-2.8%
Cape and Islands	121,177	117,272	-3,905	-3.2%
Central Mass	241,841	230,907	-10,934	-4.5%
Franklin/Hampshire	88,806	86,067	-2,739	-3.1%
Greater Lowell	113,719	108,397	-5,322	-4.7%
Greater New Bedford	80,164	77,805	-2,359	-2.9%
Hampden County	196,868	189,522	-7,346	-3.7%
Lower Merrimack Valley	130,885	126,654	-4,231	-3.2%
Metro North	382,166	367,887	-14,279	-3.7%
Metro South/West	531,695	505,904	-25,791	-4.9%
North Central	79,759	77,889	-1,870	-2.3%
North Shore	167,148	161,563	-5,585	-3.3%
South Shore	208,992	200,097	-8,895	-4.3%

Total Employment Massachusetts and Workforce Areas 3rd Qtr 2008 vs 2009

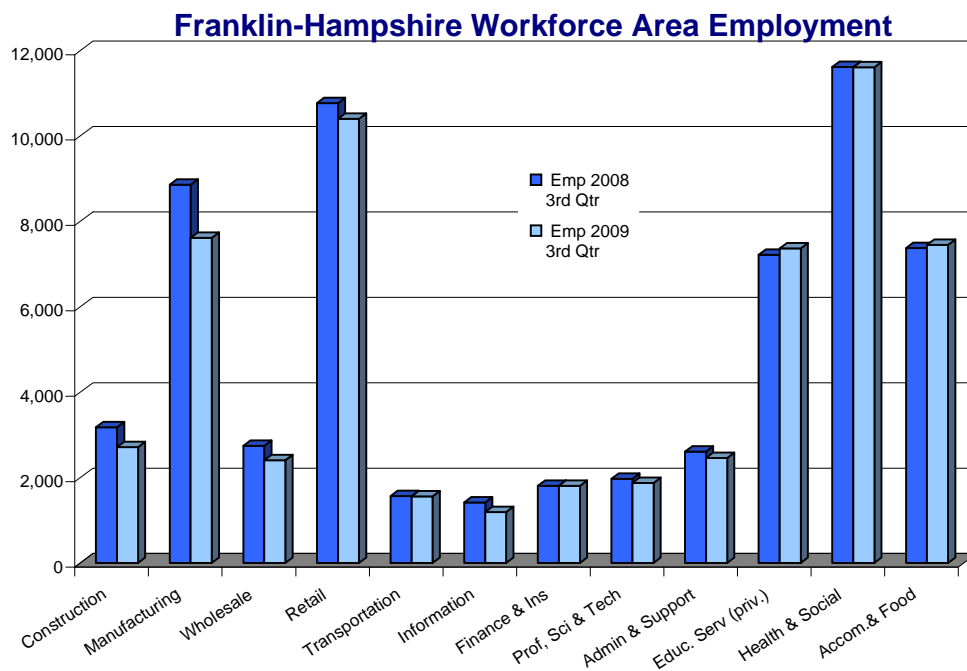


Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Quarterly Census of Employment and Wages (ES0-202)

Franklin-Hampshire Workforce Area Employment by Industry (NAICS) 3rd Quarter 2008 vs. 2009

Sector	Sector Title	2008 3rd Quarter Employment	2009 3rd Quarter Employment	Yr/Yr Employment Change	Yr/Yr Employment % Change
	Total Employment	88,806	86,067	-2,739	-3.1%
	Private Sector	70,037	67,522	-2,515	-3.6%
	Goods-Producing	13,007	11,287	-1,720	-13.2%
11	Natural Resources	974	963	-11	-1.1%
21	Mining	59	54	-5	-8.5%
23	Construction	3,179	2,712	-467	-14.7%
31-33	Manufacturing	8,855	7,613	-1,242	-14.0%
	DUR - Durable Goods Manufacturing	5,102	4,350	-752	-14.7%
	NONDUR - Non-Durable Goods Manufacturing	3,753	3,263	-490	-13.1%
	Service-Providing	57,030	56,235	-795	-1.4%
	Trade, Transportation & Utilities	15,272	14,572	-700	-4.6%
22	Utilities	191	200	9	4.7%
42	Wholesale Trade	2,748	2,409	-339	-12.3%
44-45	Retail Trade	10,766	10,401	-365	-3.4%
48-49	Transportation & Warehousing	1,566	1,562	-4	-0.3%
	Information	1,419	1,196	-223	-15.7%
51	Information, Production, & Dissemination	1,419	1,196	-223	-15.7%
	Financial Activities	2,643	2,611	-32	-1.2%
52	Finance & Insurance	1,809	1,810	1	0.1%
53	Real Estate & Rental and Leasing	833	801	-32	-3.8%
	Professional & Business Services	5,649	5,430	-219	-3.9%
54	Professional, Scientific, & Technical Services	1,972	1,873	-99	-5.0%
55	Headquarters, Regional Offices & Subsidiaries	1,068	1,100	32	3.0%
56	Admin. & Support & Waste Mgt. & Remediation Services	2,609	2,458	-151	-5.8%
	Education & Health	18,836	18,973	137	0.7%
61	Educational Services	7,220	7,367	147	2.0%
62	Health Care & Social Assistance	11,616	11,606	-10	-0.1%
	Leisure & Hospitality	8,950	8,936	-14	-0.2%
71	Arts, Entertainment, & Recreation	1,573	1,488	-85	-5.4%
72	Accommodation & Food Services	7,377	7,448	71	1.0%
	Other Services	4,261	4,517	256	6.0%
81	Other Services (except Public Administration)	4,261	4,517	256	6.0%
	Government	18,769	18,544	-225	-1.2%
	Federal Government	1,599	1,610	11	0.7%
	State Government	7,801	7,845	44	0.6%
	Local Government	9,369	9,089	-280	-3.0%



Economic Structure of the Franklin-Hampshire Workforce Areas by Industry (NAICS) 2008 Annual Average

Sector	Sector Title	Employment		Gross Payroll		Average Annual Wage
		Total	Percent Share	Total	Percent Share	
	Total Employment	89,788	100.0%	\$3,412,264,554	100.0%	\$38,004
	Private Sector	69,449	77.3%	\$2,448,042,303	71.7%	\$35,249
	Goods-Producing	12,480	13.9%	\$564,846,347	16.6%	\$45,260
11	Natural Resources	800	0.9%	\$20,340,958	0.6%	\$25,426
21	Mining	57	0.1%	\$2,301,961	0.1%	\$40,385
23	Construction	2,889	3.2%	\$123,830,680	3.6%	\$42,863
31-33	Manufacturing	8,790	9.8%	\$420,674,710	12.3%	\$47,858
	Service-Providing	56,969	63.4%	\$1,883,195,956	55.2%	\$33,057
	Trade, Transportation & Utilities	15,480	17.2%	\$458,719,106	13.4%	\$29,633
22	Utilities	195	0.2%	\$17,889,095	0.5%	\$91,739
42	Wholesale Trade	2,731	3.0%	\$125,693,325	3.7%	\$46,025
44-45	Retail Trade	10,826	12.1%	\$267,252,577	7.8%	\$24,686
48-49	Transportation & Warehousing	1,728	1.9%	\$47,884,109	1.4%	\$27,711
	Information	1,450	1.6%	\$68,699,420	2.0%	\$47,379
51	Information, Production, & Dissemination	1,450	1.6%	\$68,699,420	2.0%	\$47,379
511	Publishing Industries, except Internet	864	1.0%	\$41,919,688	1.2%	\$48,518
5111	Newspapers & Periodicals	786	0.9%	\$37,166,441	1.1%	\$47,286
5112	Software Publishers	78	0.1%	\$4,753,247	0.1%	\$60,939
517	Telecommunications	230	0.3%	\$14,776,801	0.4%	\$64,247
518	ISPs, Search Portals, & Data Processing	C	C	C	C	C
	Financial Activities	2,610	2.9%	\$115,812,428	3.4%	\$44,373
52	Finance & Insurance	1,799	2.0%	\$92,407,110	2.7%	\$51,366
522	Banking & Credit Institutions	1,056	1.2%	\$43,749,306	1.3%	\$41,429
523	Securities, Commodities, & Investments	100	0.1%	\$8,509,293	0.2%	\$85,093
524	Insurance	641	0.7%	\$40,005,405	1.2%	\$62,411
53	Real Estate & Rental and Leasing	811	0.9%	\$23,405,318	0.7%	\$28,860
531	Real Estate	642	0.7%	\$18,830,211	0.6%	\$29,331
532	Rental & Leasing Services	165	0.2%	\$4,289,495	0.1%	\$25,997
	Professional & Business Services	5,386	6.0%	\$246,948,107	7.2%	\$45,850
54	Professional, Scientific, & Technical Services	1,976	2.2%	\$98,605,999	2.9%	\$49,902
5411	Legal Services	287	0.3%	\$11,755,317	0.3%	\$40,959
5412	Accounting & Payroll Services	192	0.2%	\$9,276,920	0.3%	\$48,317
5413	Architectural & Engineering Services	299	0.3%	\$17,221,570	0.5%	\$57,597
5415	Computer Systems Design & Related Services	322	0.4%	\$21,905,570	0.6%	\$68,030
5416	Consulting Services	253	0.3%	\$15,554,247	0.5%	\$61,479
5417	Scientific Research & Development Services	132	0.1%	\$6,111,736	0.2%	\$46,301
55	Headquarters, Regional Offices & Subsidiaries	1,073	1.2%	\$79,977,047	2.3%	\$74,536
56	Admin. & Support & Waste Mgt. & Remediation Services	2,337	2.6%	\$68,365,061	2.0%	\$29,253
561	Administrative & Support Services	2,179	2.4%	\$61,206,027	1.8%	\$28,089
5613	Employment Services	991	1.1%	\$27,909,422	0.8%	\$28,163
562	Waste Management & Remediation Services	158	0.2%	\$7,159,033	0.2%	\$45,310
	Education & Health	19,001	21.2%	\$781,210,852	22.9%	\$41,114
61	Educational Services	7,420	8.3%	\$340,801,446	10.0%	\$45,930
6113	Private Colleges & Universities	4,134	4.6%	\$221,053,836	6.5%	\$53,472
62	Health Care & Social Assistance	11,580	12.9%	\$440,409,406	12.9%	\$38,032
621	Offices of Doctors & Walk-in Clinics	3,578	4.0%	\$162,383,152	4.8%	\$45,384
622	Hospitals	2,845	3.2%	\$140,212,955	4.1%	\$49,284
623	Nursing & Residential Care Facilities	3,323	3.7%	\$96,799,506	2.8%	\$29,130
624	Social Assistance	1,835	2.0%	\$41,013,793	1.2%	\$22,351
	Leisure & Hospitality	8,845	9.9%	\$126,381,556	3.7%	\$14,288
71	Arts, Entertainment, & Recreation	1,463	1.6%	\$23,038,803	0.7%	\$15,748
72	Accommodation & Food Services	7,382	8.2%	\$103,342,754	3.0%	\$13,999
721	Hotels & Motels	592	0.7%	\$10,792,175	0.3%	\$18,230
722	Eating & Drinking Places	6,790	7.6%	\$92,550,579	2.7%	\$13,630
	Other Services	4,199	4.7%	\$85,424,487	2.5%	\$20,344
81	Other Services (except Public Administration)	4,199	4.7%	\$85,424,487	2.5%	\$20,344
	Government	20,339	22.7%	\$964,222,251	28.3%	\$47,408
	Federal Government	1,589	1.8%	\$107,506,909	3.2%	\$67,657
	State Government	7,952	8.9%	\$472,300,809	13.8%	\$59,394
	Local Government	10,798	12.0%	\$384,414,533	11.3%	\$35,601

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Quarterly Census of Employment and Wages (ESQ-202)
C = Confidential

**Employment Shares and Location Quotients by Major Industry Sector
U.S., Massachusetts and Franklin/Hampshire Workforce Area
2008 Annual Average Private Employment**

	Annual Average Employment			Percent of Total Employment			Location Quotient*	
	U.S.	Mass.	Franklin/Hampshire	U.S.	Mass.	Franklin/Hampshire	Mass.	Franklin/Hampshire
Total, All Industries, Private	114,014,680	2,831,460	69,449	100.0%	100.0%	100.0%	1.00	1.00
11 - Agriculture, Forestry, Fishing and Hunting	1,166,745	6,508	743	1.0%	0.2%	1.1%	0.22	4.65
23 - Construction	7,562,373	132,725	2,889	6.6%	4.7%	4.2%	0.71	0.89
31-33 - Manufacturing	13,834,745	286,458	8,790	12.1%	10.1%	12.7%	0.83	1.25
Trade, Transportation and Utilities	26,334,681	565,860	15,480	23.1%	20.0%	22.3%	0.87	1.12
22 - Utilities	549,560	10,030	195	0.5%	0.4%	0.3%	0.73	0.79
42 - Wholesale Trade	5,985,704	136,527	2,731	5.2%	4.8%	3.9%	0.92	0.82
44-45 - Retail Trade	15,507,891	347,873	10,826	13.6%	12.3%	15.6%	0.90	1.27
48-49 - Transportation and Warehousing	4,291,526	71,430	1,728	3.8%	2.5%	2.5%	0.67	0.99
51 - Information	3,028,274	89,258	1,450	2.7%	3.2%	2.1%	1.19	0.66
Financial Activities	8,144,680	221,608	2,610	7.1%	7.8%	3.8%	1.10	0.48
52 - Finance and Insurance	5,992,144	179,231	1,799	5.3%	6.3%	2.6%	1.20	0.41
53 - Real Estate and Rental and Leasing	2,152,536	42,378	811	1.9%	1.5%	1.2%	0.79	0.78
Professional and Business Services	17,864,146	487,754	5,386	15.7%	17.2%	7.8%	1.10	0.45
54 - Professional and Technical Services	7,631,158	258,622	1,976	6.7%	9.1%	2.8%	1.36	0.31
55 - Management of Companies and Enterprises	1,839,929	61,461	1,073	1.6%	2.2%	1.5%	1.35	0.71
56 - Administrative and Waste Services	8,393,060	167,671	2,337	7.4%	5.9%	3.4%	0.80	0.57
Education and Health Services	17,428,926	604,912	19,001	15.3%	21.4%	27.4%	1.40	1.28
61 - Educational Services, Private	2,284,111	125,681	7,420	2.0%	4.4%	10.7%	2.22	2.41
62 - Health Care and Social Assistance	15,144,814	479,231	11,580	13.3%	16.9%	16.7%	1.27	0.99
Leisure and Hospitality	13,327,039	306,132	8,845	11.7%	10.8%	12.7%	0.92	1.18
71 - Arts, Entertainment, and Recreation	1,953,865	49,255	1,463	1.7%	1.7%	2.1%	1.02	1.21
72 - Accommodation and Food Services	11,373,174	256,878	7,382	10.0%	9.1%	10.6%	0.91	1.17
81 - Other Services, Except Public Admin	4,437,318	128,977	4,199	3.9%	4.6%	6.0%	1.17	1.33

*See narrative for an explanation of the definition, calculation, uses, and interpretation of location quotients

Guide to Interpretation of Location Quotients

General Concept

The location quotient (LQ) is a commonly used measure intended to help analysts compare a region's level of industry concentration relative to a larger geographic unit such as the state or the nation as a whole. The larger geographic area is referred to as the "base" area or the "reference" area. Location quotients are typically developed for a state, with the U.S. as the base area, or a sub-state area (such as a labor market area or a Workforce Area), with the state as the base area. Location quotients are relatively simple to calculate and yet offer a quick and often valuable insight into a region's employment dynamics.

Calculation of Location Quotients

The location quotient is the calculated ratio of an industry's share of total local area employment divided by the same industry's share of total base area employment. For example, to calculate a location quotient for Educational Services (NAICS Sector 61) employment in Boston, one would need the following data:

- Educational Services employment for Boston
- Total employment for Boston
- Educational Services employment for the base area (usually the state)
- Total employment for the state

The formula is as follows:

$$L:Q.= \frac{\frac{\text{Educational Services employment in Boston}}{\text{Total employment in Boston}}}{\frac{\text{Educational Services employment in MA}}{\text{Total Employment in MA}}}$$

Interpretation of Location Quotients

A location quotient of greater than one means that the local area has a relatively higher concentration of employment in a given industry than the base area. A location quotient equal to one means that the local area has the same proportion of employment in a given industry as the base area. Location quotients of less than one mean that the area has a smaller proportion of employment in the industry than the base area. This measure can be computed at any industry level the analyst deems important. Location quotients at the aggregated two digit NAICS Sector level may mask significant activity in more detailed industries in the local area. Location quotients should also be viewed in conjunction with other factors, such as the absolute level of employment in the industry. A very high location quotient in an industry that only employs a small number of workers is probably not that significant to local planners. It is generally accepted practice to interpret location quotients of ≥ 1.25 as "high" and $\leq .75$ as "low."

One should keep in mind that the location quotient is only an indicator of relative employment concentration in a given area, as compared to the larger (base) area. A high L.Q. does not necessarily mean that there will be growth in that industry. It only means that, on a relative basis, the industry is significant to the local economy. Employment growth is dependent on such factors as the current phase of the business cycle, current nature of technology, business practices, consumer tastes and preferences, demographic trends, etc.

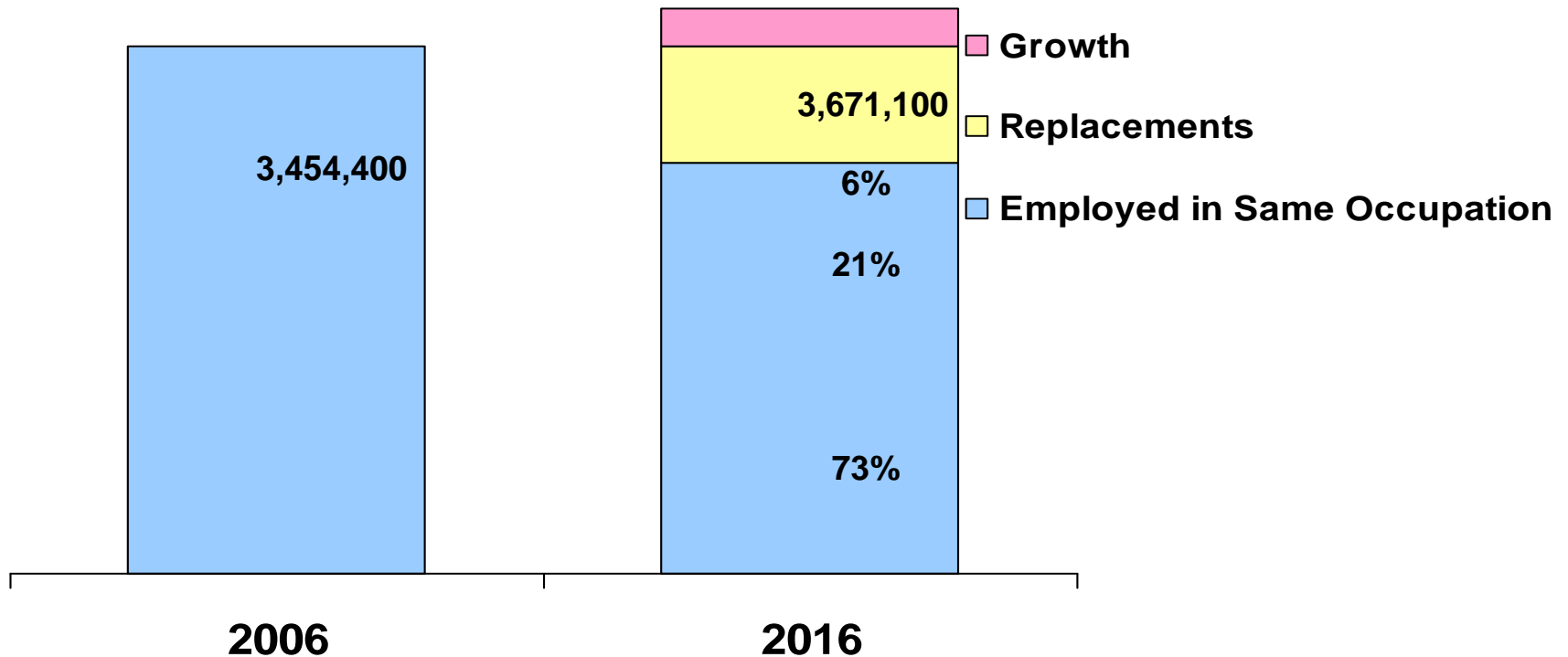
While location quotients can provide useful insights into industries where a local comparative advantage exists, they cannot, in and of themselves, provide specific policy guidance. They can help policy makers formulate further questions as to the nature of an areas comparative advantage and how to take advantage of the situation. Some possible questions are:

- 1) Is the industry dominated by a few large firms or are there many smaller firms?
- 2) What are the reasons why employers are attracted to the area and what can be done to encourage growth (or discourage an exodus) of employers?
- 3) Are there any current or forecasted trends that may make the location of employers in the region more or less desirable

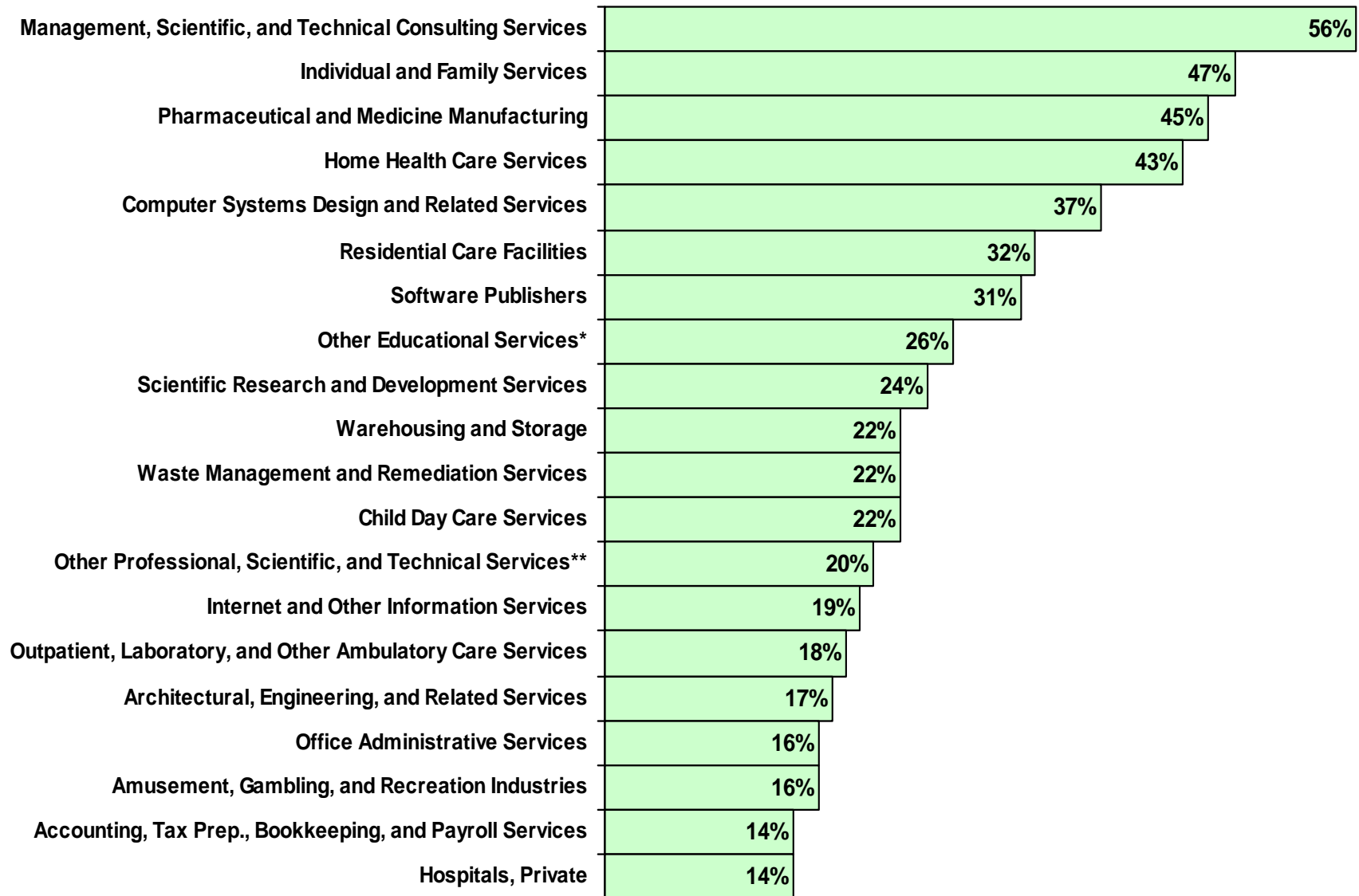
The analysis of location quotients, and other local data, is only the first step. The formulation and implementation of appropriate policy responses is the real challenge for local planners in the employment and training system.

Total Job Openings through 2016

By 2016 the Massachusetts economy is expected to expand by approximately 6.3 percent or 216,650 new jobs. An additional 768,330 jobs should arise from the need to replace workers who retire, change careers, or advance up the career ladder. In total, nearly 1 million jobs should result.



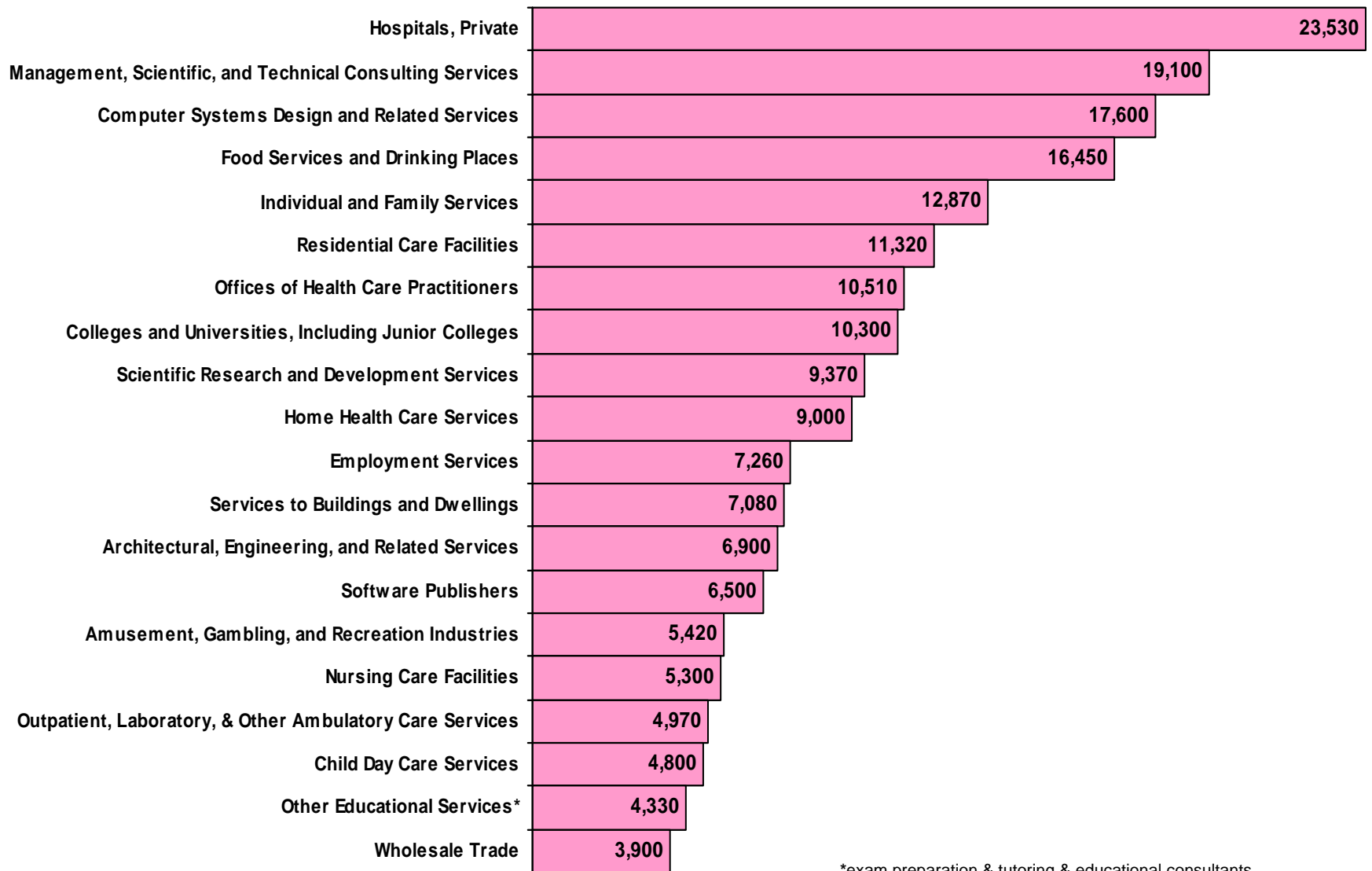
Fastest Growing Industries, 2006-2016



*exam preparation & tutoring & educational consultants

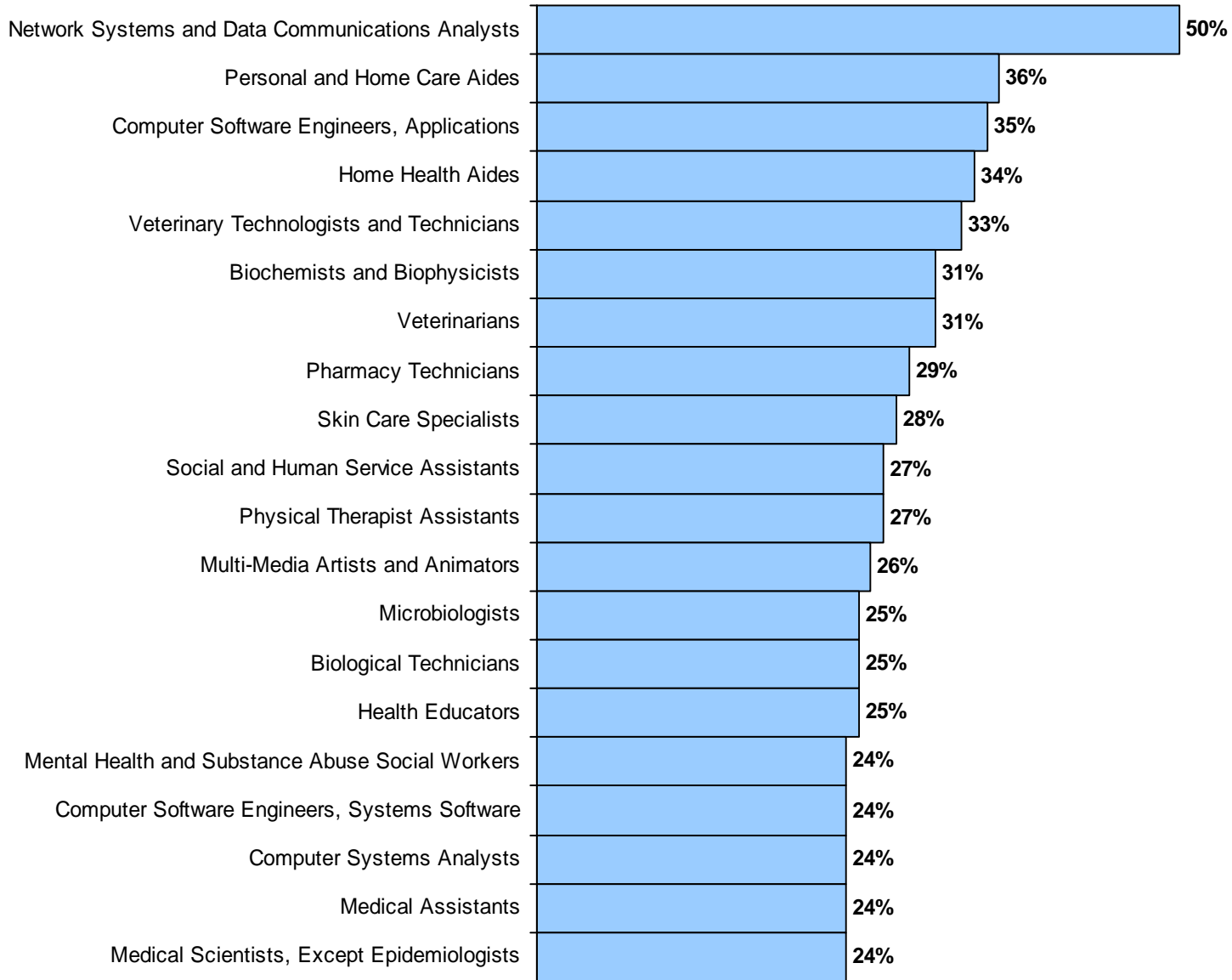
**veterinarians, market research, & public polling

Industries Generating the Most New Jobs through 2016

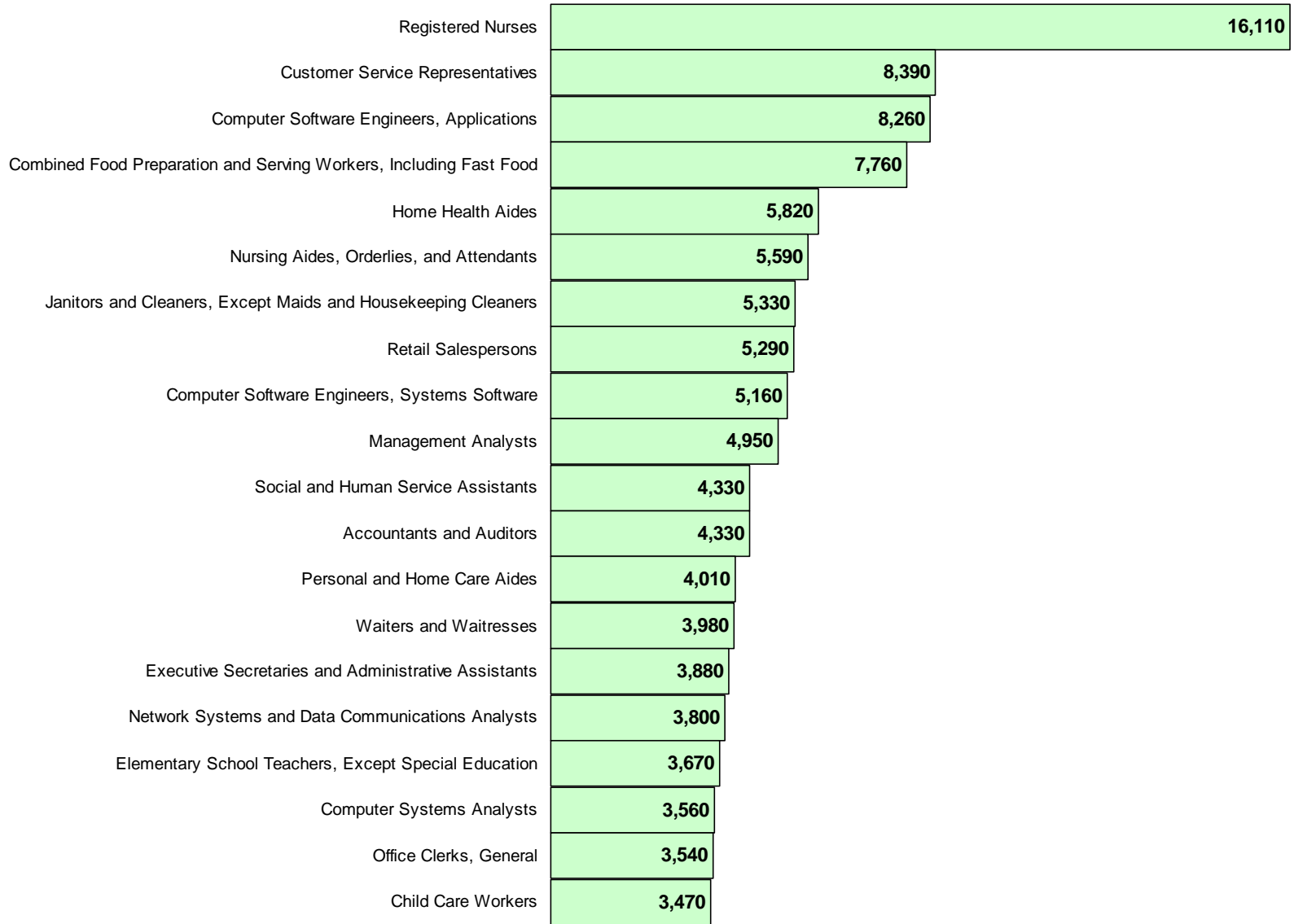


*exam preparation & tutoring & educational consultants

Fastest Growing Occupations 2006-2016



Occupations Generating Nearly Half of All New Jobs by 2016



Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: Massachusetts Employment Projections 2006-2016

Occupational Wages by Major Group, Ranked by Mean Wages Massachusetts and U.S., May 2009

SOC Code	Occupational Title	Mass. Mean	U.S. Mean	Ratio Mass. to U.S.	Massachusetts Percentile				
					10th	25th	Median	75th	90th
11-0000	Management Occupations	\$117,640	\$102,900	1.14	\$54,160	\$74,050	\$102,920	\$145,390	#
23-0000	Legal Occupations	\$99,920	\$95,820	1.04	\$38,100	\$54,510	\$80,550	\$127,590	#
15-0000	Computer and Mathematical Occupations	\$88,610	\$76,290	1.16	\$49,830	\$65,800	\$86,000	\$108,370	\$132,570
17-0000	Architecture and Engineering Occupations	\$80,470	\$73,590	1.09	\$43,250	\$56,280	\$75,910	\$100,840	\$126,930
29-0000	Healthcare Practitioners and Technical Occupations	\$78,390	\$69,690	1.12	\$31,820	\$46,860	\$66,910	\$93,160	\$133,660
13-0000	Business and Financial Operations Occupations	\$76,990	\$65,900	1.17	\$40,310	\$51,160	\$67,570	\$90,470	\$123,770
19-0000	Life, Physical, and Social Science Occupations	\$74,710	\$65,660	1.14	\$36,290	\$47,630	\$66,850	\$93,970	\$125,580
25-0000	Education, Training, and Library Occupations	\$58,230	\$49,530	1.18	\$24,310	\$35,270	\$53,890	\$71,290	\$90,290
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$55,120	\$51,720	1.07	\$24,120	\$33,660	\$48,050	\$68,970	\$94,010
47-0000	Construction and Extraction Occupations	\$53,640	\$43,350	1.24	\$29,370	\$37,390	\$51,010	\$66,850	\$83,630
00-0000	Massachusetts All Occupations	\$52,710	\$43,460	1.21	\$19,700	\$26,720	\$40,840	\$65,450	\$99,090
49-0000	Installation, Maintenance, and Repair Occupations	\$47,970	\$42,210	1.14	\$27,130	\$34,790	\$45,750	\$59,760	\$72,510
33-0000	Protective Service Occupations	\$45,820	\$41,740	1.10	\$21,790	\$27,890	\$44,300	\$60,190	\$73,140
21-0000	Community and Social Services Occupations	\$43,830	\$42,750	1.03	\$23,270	\$28,950	\$39,500	\$56,220	\$71,500
41-0000	Sales and Related Occupations	\$41,920	\$36,020	1.16	\$17,560	\$19,170	\$26,730	\$50,850	\$86,590
43-0000	Office and Administrative Support Occupations	\$38,110	\$32,990	1.16	\$21,280	\$27,640	\$36,060	\$46,710	\$56,910
51-0000	Production Occupations	\$36,250	\$33,290	1.09	\$20,100	\$25,100	\$33,220	\$44,010	\$56,770
53-0000	Transportation and Material Moving Occupations	\$34,330	\$32,180	1.07	\$18,670	\$22,520	\$30,850	\$41,750	\$53,500
31-0000	Healthcare Support Occupations	\$31,990	\$26,710	1.20	\$21,740	\$24,950	\$29,690	\$36,810	\$46,290
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$30,660	\$24,970	1.23	\$19,510	\$23,210	\$28,920	\$36,050	\$44,740
39-0000	Personal Care and Service Occupations	\$29,070	\$24,680	1.18	\$17,990	\$20,150	\$24,670	\$32,400	\$46,780
45-0000	Farming, Fishing, and Forestry Occupations	\$28,600	\$23,990	1.19	\$17,690	\$19,360	\$23,910	\$34,680	\$47,150
35-0000	Food Preparation and Serving Related Occupations	\$25,110	\$20,880	1.20	\$17,320	\$18,600	\$21,840	\$28,910	\$36,640

Indicates wages of more than \$166,400 per year

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: U.S. Bureau of Labor Statistics

Labor Force Participation Rates 1975-2009 for United States and Massachusetts

	National Labor Force Participation Rate			Massachusetts Labor Force Participation Rate		
	Total	Male	Female	Total	Male	Female
1975	61.2%	77.9%	46.3%	64.7%	80.4%	51.0%
1976	61.6%	77.5%	47.3%	64.7%	79.9%	51.1%
1977	62.3%	77.7%	48.4%	64.7%	79.3%	51.8%
1978	63.2%	77.9%	50.0%	65.5%	79.5%	53.1%
1979	63.7%	77.8%	50.9%	66.2%	79.3%	54.5%
1980	63.8%	77.4%	51.5%	65.6%	78.4%	54.1%
1981	63.9%	77.0%	52.1%	66.7%	78.5%	56.1%
1982	64.0%	76.6%	52.6%	67.4%	79.3%	56.7%
1983	64.0%	76.4%	52.9%	66.5%	78.4%	55.9%
1984	64.4%	76.4%	53.6%	67.5%	79.0%	57.4%
1985	64.8%	76.3%	54.5%	67.3%	77.5%	58.3%
1986	65.3%	76.3%	55.3%	67.0%	76.6%	58.6%
1987	65.6%	76.2%	56.0%	67.3%	77.0%	55.8%
1988	65.9%	76.2%	56.6%	68.4%	78.1%	60.0%
1989	66.5%	76.4%	57.4%	68.9%	77.7%	61.0%
1990	66.5%	76.4%	57.5%	68.5%	77.4%	60.7%
1991	66.2%	75.8%	57.4%	67.8%	76.5%	59.9%
1992	66.4%	75.8%	57.8%	67.5%	76.2%	60.0%
1993	66.3%	75.4%	57.9%	68.0%	76.4%	60.3%
1994	66.6%	75.1%	58.8%	67.9%	75.7%	60.7%
1995	66.6%	75.0%	58.9%	67.6%	75.0%	60.8%
1996	66.8%	74.9%	59.3%	67.5%	74.0%	61.5%
1997	67.1%	75.0%	59.8%	69.0%	75.5%	62.9%
1998	67.1%	74.9%	59.8%	68.9%	74.8%	63.4%
1999	67.1%	74.7%	60.0%	68.7%	74.8%	63.0%
2000	67.1%	74.8%	59.9%	67.4%	73.8%	61.4%
2001	66.8%	74.4%	59.8%	68.0%	74.9%	61.6%
2002	66.6%	74.1%	59.6%	69.1%	76.6%	62.3%
2003	66.2%	73.5%	59.5%	67.9%	74.8%	61.7%
2004	66.0%	73.3%	59.2%	67.5%	73.7%	61.9%
2005	66.0%	73.3%	59.3%	66.8%	72.7%	61.4%
2006 ^{P/}	66.2%	73.5%	59.4%	67.0%	73.5%	61.0%
2007 ^{P/}	66.0%	73.2%	59.3%	66.9%	74.5%	59.9%
2008 ^{P/}	66.0%	73.0%	59.5%	66.6%	72.3%	61.4%
2009 ^{P/}	65.4%	72.0%	59.2%	66.5%	71.6%	61.9%

Labor Force Participation Rate:

The proportion of the total civilian non-institutional population 16 years or older, or of a demographic subgroup of that population, classified as "in the labor force".

US Business Cycle Contractions:

- November 1973 to March 1975 (16 months)
- January 1980 to July 1980 (6 months)
- July 1981 to November 1982 (16 Months)
- July 1990 to March 1991 (8 months)
- March 2001 to November 2001(8 months)
- December 2007 to Current

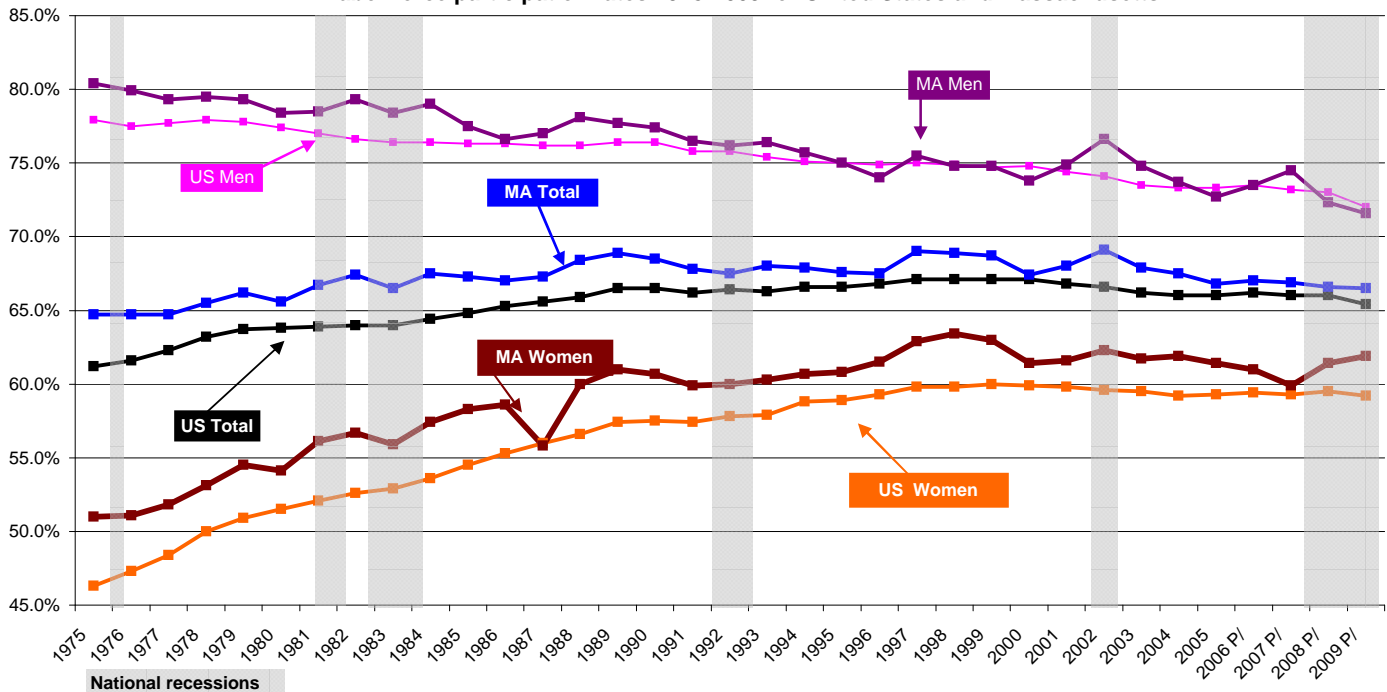
Source: National Bureau of Economic Research Business Cycle Dating Committee

Note: The NBER does not define a recession in terms of two consecutive quarters of decline in real GDP.

Rather, a recession is a significant decline in economic activity spread across the economy, lasting more than a few months, normally visible in real GDP, real income, employment, industrial production, and wholesale-retail sales.

Source: MA 1975 to 2009 U.S. Department of Labor, Bureau of Labor Statistics, Geographic Profile of Employment and Unemployment.
Compiled and Prepared by Mass Dept of Workforce Development, Division of Career Services, Economic Analysis Office
P= Preliminary data

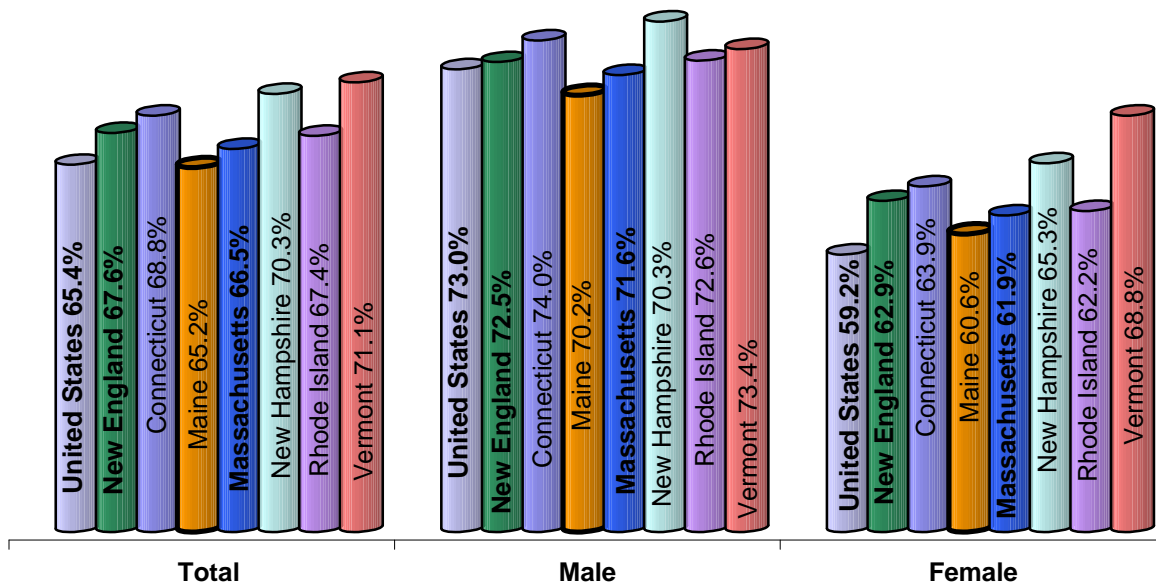
Labor force participation rates 1975-2009 for United States and Massachusetts



2009 Labor Force Participation Rates for United States and New England States

STATE	National Rank	Total	National Rank	Male	National rank	Female
United States		65.4%		73.0%		59.2%
New England		67.6%		72.5%		62.9%
Connecticut	15	68.8%	17	74.0%	13	63.9%
Maine	29	65.2%	36	70.2%	24	60.6%
Massachusetts	22	66.5%	28	71.6%	18	61.9%
New Hampshire	11	70.3%	10	70.3%	10	65.3%
Rhode Island	19	67.4%	25	72.6%	17	62.2%
Vermont	8	71.1%	21	73.4%	1	68.8%

2009 Labor Force Participation Rates for New England States



Note: Labor Force Participation Rate is the proportion of the total civilian non-institutional population 16 years or older, or of a demographic subgroup of that population, classified as "in the labor force".

Annual Estimates of the Population for Massachusetts by Workforce Area April 1, 2000 to July 1, 2009

Geographic Area	Population Estimates										April 1, 2000		Estimates Base Population April 1, 2000 to July 1, 2009	
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	Estimates Base	Census	Net Change	Percent Change
United States	307,006,550	304,374,846	301,579,895	298,593,212	295,753,151	293,045,739	290,326,418	287,803,914	285,081,556	282,171,957	281,424,602	281,421,906	25,581,948	9.1%
Massachusetts	6,593,587	6,543,595	6,499,275	6,466,399	6,453,031	6,451,279	6,451,637	6,440,978	6,411,730	6,363,015	6,349,119	6,349,097	244,468	3.9%
Berkshire County	129,288	129,571	130,219	130,494	131,268	132,052	132,672	133,101	133,723	134,787	134,953	134,953	-5,665	-4.2%
Boston	645,169	636,748	622,748	612,192	609,690	607,367	607,871	607,931	602,380	590,433	589,143	589,141	56,026	9.5%
Bristol County	363,332	361,945	360,829	360,271	360,533	361,084	360,995	359,491	356,413	354,090	353,164	353,153	10,168	2.9%
Brockton	237,254	236,233	235,227	234,218	234,116	234,522	234,774	234,297	233,127	231,530	230,990	230,970	6,264	2.7%
Cape and Islands	248,447	248,565	248,933	249,641	251,002	252,784	253,830	252,349	249,871	247,891	246,741	198,916	1,706	0.7%
Central Mass	573,897	571,010	567,890	565,206	561,372	557,883	554,436	549,282	543,247	536,306	534,461	534,433	39,436	7.4%
Franklin/Hampshire	244,151	243,852	243,344	242,730	242,306	242,145	241,853	240,775	239,603	239,313	239,138	239,140	5,013	2.1%
Greater Lowell	276,367	271,637	269,617	267,962	268,143	269,149	270,127	270,828	271,379	270,442	269,923	270,083	6,444	2.4%
Greater New Bedford	210,082	209,590	208,975	208,730	209,533	209,497	209,778	208,067	206,341	205,914	205,342	205,354	4,740	2.3%
Hampden County	471,081	469,204	467,756	466,944	465,871	464,622	463,442	460,848	457,723	456,573	456,226	456,228	14,855	3.3%
Lower Merrimack Valley	329,019	326,470	324,091	322,640	322,265	322,619	323,332	323,188	322,455	319,471	318,558	318,556	10,461	3.3%
Metro North	762,574	753,870	748,343	742,757	739,949	741,038	743,799	746,916	748,905	744,023	743,199	743,219	19,375	2.6%
Metro South/West	912,164	903,364	896,150	891,251	889,403	890,449	890,120	891,503	890,399	884,750	882,935	882,953	29,229	3.3%
North Central	254,799	252,901	251,980	250,450	248,932	247,813	246,650	245,119	243,015	239,866	238,964	238,787	15,835	6.6%
North Shore	413,563	410,895	408,975	408,534	407,991	408,282	408,971	409,908	408,327	405,908	404,863	404,863	8,700	2.1%
South Shore	522,400	517,740	514,198	512,379	510,657	509,973	508,987	507,375	504,822	501,718	500,519	500,527	21,881	4.4%

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009. An "(X)" in the Census 2000 field indicates a locality that was formed or incorporated after Census 2000. Additional information on these localities can be found in the Geographic Change Notes (see "Geographic Changes" under the Geographic Topics section of the Estimates page).

Annual Estimates of the Population for Cities and Towns in the Franklin/Hampshire Workforce Area April 1, 2000 to July 1, 2009

Geographic Area	Population Estimates										April 1, 2000		Estimates Base Population April 1, 2000 to July 1, 2009	
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	Estimates Base	Census	Net Change	Percent Change
United States	307,006,550	304,374,846	301,579,895	298,593,212	295,753,151	293,045,739	290,326,418	287,803,914	285,081,556	282,171,957	281,424,602	281,421,906	25,581,948	9.1%
Massachusetts	6,593,587	6,543,595	6,499,275	6,466,399	6,453,031	6,451,279	6,451,637	6,440,978	6,411,730	6,363,015	6,349,119	6,349,097	244,468	3.9%
Franklin/Hampshire WIA	244,151	243,852	243,344	242,730	242,306	242,145	241,853	240,775	239,603	239,313	239,138	239,140	5,013	2.1%
Amherst Town	36,246	36,231	35,962	35,722	35,667	34,954	35,004	34,720	35,092	34,876	34,874	34,874	1,372	3.9%
Ashfield Town	1,827	1,836	1,830	1,828	1,823	1,816	1,814	1,811	1,802	1,801	1,799	1,800	28	1.6%
Athol Town	11,862	11,754	11,892	11,841	11,817	11,816	11,796	11,696	11,552	11,365	11,299	11,299	563	5.0%
Belchertown Town	14,141	14,090	14,018	13,918	13,770	13,720	13,550	13,370	13,115	13,015	12,968	12,968	1,173	9.0%
Bernardston Town	2,235	2,246	2,241	2,229	2,232	2,211	2,194	2,178	2,166	2,157	2,153	2,155	82	3.8%
Buckland Town	1,989	2,005	2,002	2,010	2,005	1,997	2,002	1,992	1,987	1,990	1,998	1,991	-9	-0.5%
Charlemont Town	1,386	1,386	1,385	1,387	1,389	1,397	1,384	1,382	1,382	1,362	1,360	1,358	26	1.9%
Chesterfield Town	1,270	1,266	1,264	1,260	1,254	1,250	1,241	1,225	1,219	1,206	1,201	1,201	69	5.7%
Colrain Town	1,855	1,855	1,847	1,842	1,849	1,853	1,856	1,844	1,826	1,815	1,813	1,813	42	2.3%
Conway Town	1,899	1,906	1,898	1,896	1,897	1,886	1,878	1,861	1,834	1,805	1,803	1,809	96	5.3%
Cummington Town	972	970	971	975	979	988	986	977	974	978	978	978	-6	-0.6%
Deerfield Town	4,692	4,726	4,721	4,739	4,771	4,786	4,778	4,775	4,766	4,750	4,750	4,750	-58	-1.2%
Easthampton City	16,324	16,320	16,273	16,184	16,038	16,111	16,186	16,112	15,974	16,007	15,994	15,994	330	2.1%
Erving Town	1,549	1,563	1,553	1,565	1,545	1,533	1,517	1,489	1,482	1,470	1,467	1,467	82	5.6%
Gill Town	1,396	1,406	1,388	1,386	1,387	1,396	1,379	1,373	1,367	1,361	1,361	1,363	35	2.6%
Goshen Town	957	954	949	948	944	949	951	939	928	924	921	921	36	3.9%
Granby Town	6,305	6,297	6,296	6,275	6,254	6,278	6,245	6,206	6,146	6,143	6,132	6,132	173	2.8%
Greenfield Town	17,537	17,580	17,591	17,614	17,745	17,873	17,953	18,036	18,059	18,148	18,177	18,168	-640	-3.5%
Hadley Town	4,753	4,740	4,759	4,762	4,756	4,811	4,824	4,803	4,773	4,795	4,793	4,793	-40	-0.8%
Hatfield Town	3,262	3,249	3,252	3,249	3,255	3,294	3,304	3,296	3,255	3,254	3,248	3,249	14	0.4%
Hawley Town	337	340	335	340	343	347	341	339	338	336	336	336	1	0.3%
Heath Town	796	803	804	800	802	804	804	807	803	803	803	805	-7	-0.9%
Huntington Town	2,233	2,228	2,217	2,210	2,184	2,204	2,211	2,194	2,178	2,183	2,174	2,174	59	2.7%
Leverett Town	1,787	1,782	1,774	1,766	1,762	1,757	1,746	1,729	1,711	1,702	1,701	1,663	86	5.1%
Leyden Town	809	806	800	804	810	803	792	790	779	773	772	772	37	4.8%
Middlefield Town	559	560	555	549	547	545	548	543	542	542	542	542	17	3.1%
Monroe Town	96	96	97	97	98	98	99	98	97	93	93	93	3	3.2%
Montague Town	8,175	8,212	8,231	8,278	8,352	8,383	8,419	8,455	8,449	8,461	8,470	8,489	-295	-3.5%
New Salem Town	957	962	961	962	950	939	935	926	920	918	916	929	41	4.5%
Northampton City	28,370	28,336	28,381	28,421	28,497	28,689	28,829	28,981	28,750	28,968	28,978	28,978	-608	-2.1%
Northfield Town	3,311	3,330	3,285	3,244	3,201	3,154	3,102	3,055	3,002	2,961	2,953	2,951	358	12.1%
Orange Town	7,699	7,748	7,742	7,686	7,623	7,537	7,530	7,535	7,511	7,512	7,518	7,518	181	2.4%
Pelham Town	1,399	1,399	1,400	1,397	1,395	1,411	1,415	1,414	1,404	1,405	1,403	1,403	-4	-0.3%
Petersham Town	1,327	1,312	1,315	1,303	1,294	1,273	1,253	1,216	1,201	1,180	1,174	1,180	153	13.0%
Phillipston Town	1,787	1,776	1,802	1,793	1,774	1,755	1,731	1,702	1,649	1,623	1,617	1,621	170	10.5%
Plainfield Town	595	595	598	595	593	600	599	598	592	590	589	589	6	1.0%
Rowe Town	347	350	350	351	348	348	349	349	351	351	351	351	-4	-1.1%
Royalston Town	1,353	1,345	1,366	1,371	1,368	1,370	1,358	1,320	1,304	1,265	1,258	1,254	95	7.6%
Shelburne Town	2,031	2,045	2,047	2,052	2,061	2,066	2,065	2,072	2,067	2,055	2,051	2,058	-20	-1.0%
Shutesbury Town	1,836	1,845	1,839	1,830	1,828	1,832	1,827	1,823	1,811	1,803	1,803	1,810	33	1.8%
South Hadley Town	17,387	17,367	17,229	17,191	17,129	17,281	17,283	17,141	17,089	17,206	17,200	17,196	187	1.1%

Annual Estimates of the Population for Cities and Towns in the Franklin/Hampshire Workforce Area April 1, 2000 to July 1, 2009

Geographic Area	Population Estimates										April 1, 2000		Estimates Base Population April 1, 2000 to July 1, 2009	
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	Estimates Base	Census	Net Change	Percent Change
United States	307,006,550	304,374,846	301,579,895	298,593,212	295,753,151	293,045,739	290,326,418	287,803,914	285,081,556	282,171,957	281,424,602	281,421,906	25,581,948	9.1%
Massachusetts	6,593,587	6,543,595	6,499,275	6,466,399	6,453,031	6,451,279	6,451,637	6,440,978	6,411,730	6,363,015	6,349,119	6,349,097	244,468	3.9%
Franklin/Hampshire WIA	244,151	243,852	243,344	242,730	242,306	242,145	241,853	240,775	239,603	239,313	239,138	239,140	5,013	2.1%
Southampton Town	5,991	5,919	5,843	5,791	5,702	5,672	5,607	5,521	5,422	5,401	5,387	5,387	604	11.2%
Sunderland Town	3,909	3,710	3,715	3,735	3,770	3,781	3,785	3,789	3,781	3,774	3,775	3,777	134	3.5%
Ware Town	9,888	9,886	9,894	9,893	9,891	9,949	9,791	9,735	9,676	9,715	9,708	9,707	180	1.9%
Warwick Town	748	754	754	756	756	754	751	755	753	751	750	750	-2	-0.3%
Wendell Town	1,002	1,008	1,010	1,007	1,002	996	996	988	985	986	999	986	3	0.3%
Westhampton Town	1,593	1,584	1,578	1,570	1,550	1,551	1,528	1,507	1,485	1,473	1,468	1,468	125	8.5%
Whately Town	1,573	1,577	1,571	1,570	1,580	1,586	1,574	1,579	1,564	1,561	1,563	1,573	10	0.6%
Williamsburg Town	2,522	2,520	2,487	2,464	2,445	2,451	2,449	2,440	2,413	2,426	2,427	2,427	95	3.9%
Worthington Town	1,277	1,277	1,272	1,274	1,274	1,290	1,294	1,289	1,277	1,274	1,270	1,270	7	0.6%

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009. An "(X)" in the Census 2000 field indicates a locality that was formed or incorporated after Census 2000. Additional information on these localities can be found in the Geographic Change Notes (see "Geographic Changes" under the Geographic Topics section of the Estimates page).

Annual Estimates of the Population for Massachusetts by County April 1, 2000 to July 1, 2009

Geographic Area	Population Estimates										April 1, 2000		Estimates Base Population April 1, 2000 to July 1, 2009	
	July 1, 2009	July 1, 2008	July 1, 2007	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	Estimates Base	Census	Net Change	Percent Change
Massachusetts	6,593,587	6,543,595	6,499,275	6,466,399	6,453,031	6,451,279	6,451,637	6,440,978	6,411,730	6,363,015	6,349,119	6,349,097	244,468	3.9%
Barnstable County	221,151	221,521	222,246	223,351	224,877	226,728	228,038	226,893	224,928	223,245	222,234	222,230	-1,083	-0.5%
Berkshire County	129,288	129,571	130,219	130,494	131,268	132,052	132,672	133,101	133,723	134,787	134,953	134,953	-5,665	-4.2%
Bristol County	547,433	545,810	544,487	543,634	544,688	545,460	545,819	542,717	538,299	536,008	534,682	534,678	12,751	2.4%
Dukes County	15,974	15,772	15,627	15,487	15,517	15,520	15,487	15,380	15,201	15,072	14,987	14,987	987	6.6%
Essex County	742,582	737,365	733,066	731,174	730,256	730,901	732,303	733,096	730,782	725,379	723,421	723,419	19,161	2.6%
Franklin County	71,778	71,877	71,771	71,774	71,929	71,933	71,870	71,830	71,593	71,499	71,535	71,535	243	0.3%
Hampden County	471,081	469,204	467,756	466,944	465,871	464,622	463,442	460,848	457,723	456,573	456,226	456,228	14,855	3.3%
Hampshire County	156,044	155,788	155,198	154,648	154,124	153,998	153,845	153,011	152,304	152,381	152,255	152,251	3,789	2.5%
Middlesex County	1,505,006	1,487,636	1,475,519	1,467,985	1,465,156	1,467,576	1,470,427	1,473,966	1,476,773	1,468,934	1,466,396	1,465,396	38,610	2.6%
Nantucket County	11,322	11,272	11,060	10,803	10,608	10,536	10,305	10,076	9,742	9,574	9,520	9,520	1,802	18.9%
Norfolk County	666,303	661,359	656,122	652,750	650,996	652,283	652,781	654,144	653,482	651,227	650,306	650,308	15,997	2.5%
Plymouth County	498,344	494,353	491,361	489,241	488,267	486,640	485,444	483,209	478,981	474,414	472,822	472,822	25,522	5.4%
Suffolk County	753,580	742,724	728,819	715,799	712,228	710,282	711,144	711,464	705,348	691,238	689,809	689,807	63,771	9.2%
Worcester County	803,701	799,343	796,024	792,315	787,246	782,748	778,060	771,243	762,851	752,684	749,973	750,963	53,728	7.2%

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009.

Cumulative Estimates of the Components of Population Change for Counties of Massachusetts April 1, 2000 to July 1, 2009

Geographic Area	Total Population Change*	Natural Increase	Vital Events		Net Migration		
			Births	Deaths	Total	International**	Domestic
Massachusetts	244,468	220,701	729,448	508,747	-31,623	245,145	-276,768
Barnstable County	-1,083	-7,278	18,189	25,467	7,503	3,161	4,342
Berkshire County	-5,665	-2,548	11,642	14,190	-2,251	1,219	-3,470
Bristol County	12,751	14,343	60,902	46,559	1,642	6,161	-4,519
Dukes County	987	299	1,513	1,214	762	487	275
Essex County	19,161	26,869	86,145	59,276	-3,304	23,241	-26,545
Franklin County	243	396	6,327	5,931	287	1,071	-784
Hampden County	14,855	11,872	53,487	41,615	-2,806	12,495	-15,301
Hampshire County	3,789	566	11,653	11,087	4,109	3,250	859
Middlesex County	38,610	64,234	167,999	103,765	-24,296	78,157	-102,453
Nantucket County	1,802	833	1,415	582	494	460	34
Norfolk County	15,997	21,986	73,676	51,690	-1,928	19,405	-21,333
Plymouth County	25,522	19,535	56,868	37,333	8,703	6,987	1,716
Suffolk County	63,771	39,742	87,710	47,968	-35,725	66,489	-102,214
Worcester County	53,728	29,852	91,922	62,070	15,187	22,562	-7,375

*Total population change includes a residual. This residual represents the change in population that cannot be attributed to any specific demographic component. See State and County Terms and Definitions at <http://www.census.gov/popest/topics/terms/states.html>.

**Net international migration includes the international migration of both native and foreign-born populations. Specifically, it includes: (a) the net international migration of the foreign born, (b) the net migration between the United States and Puerto Rico, (c) the net migration of natives to and from the United States, and (d) the net movement of the Armed Forces population between the United States and overseas.

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the 2009 population estimates series are defined as of January 1, 2009.

**Franklin/Hampshire Workforce Area Place of Residence to Place of Work
2000 Census Work Flow for Workers 16 Years and Older**

	Workers 16 Years Old and Over	
	Number	Percent
Total Residents in Franklin/Hampshire	125,499	100.00%
Where Franklin/Hampshire Residents Work:		
Massachusetts	121,116	96.51%
Franklin/Hampshire	89,844	71.59%
Berkshire County	1,009	0.80%
Boston	411	0.33%
Bristol County	36	0.03%
Brockton	45	0.04%
Cape and Islands	36	0.03%
Central Mass	2,056	1.64%
Greater Lowell	120	0.10%
Greater New Bedford	10	0.01%
Hampden County	23,247	18.52%
Lower Merrimack Valley	45	0.04%
Metro North	269	0.21%
Metro South/West	882	0.70%
North Central	2,988	2.38%
North Shore	20	0.02%
South Shore	98	0.08%
New England States and New York	3,941	3.14%
Connecticut	2,331	1.86%
Maine	42	0.03%
New Hampshire	426	0.34%
New York	268	0.21%
Rhode Island	42	0.03%
Vermont	832	0.66%
Other States	417	0.33%
Outside the U.S.A.	25	0.02%

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: U.S. Census Bureau, Release Date: July 25, 2003

**Franklin/Hampshire Workforce Area Place of Work by Place of Residence
2000 Census Work Flow for Workers 16 Years and Older**

	Workers 16 Years Old and Over	
	Number	Percent
Total Working in Franklin/Hampshire	106,537	100.00%
Where Franklin/Hampshire Workers Reside:		
Franklin/Hampshire	89,844	84.33%
Outside Franklin/Hampshire	14,395	13.51%
Berkshire County	524	0.49%
Boston	125	0.12%
Bristol County	108	0.10%
Brockton	72	0.07%
Cape and Islands	89	0.08%
Central Mass	1,828	1.72%
Greater Lowell	60	0.06%
Greater New Bedford	16	0.02%
Hampden County	10,201	9.58%
Lower Merrimack Valley	83	0.08%
Metro North	158	0.15%
Metro South/West	220	0.21%
North Central	802	0.75%
North Shore	43	0.04%
South Shore	66	0.06%
New England States and New York	1,983	1.86%
Connecticut	328	0.31%
Maine	100	0.09%
New Hampshire	551	0.52%
New York	244	0.23%
Rhode Island	102	0.10%
Vermont	658	0.62%
Residing in Other States	315	0.30%

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: U.S. Census Bureau, Release Date: July 25, 2003

Franklin/Hampshire Workforce Area by City and Town: Estimated Daytime Population and Employment-Residence Ratios: 2000

Area Name	Total Resident Population	Total Workers Working in the Place	Total Workers Living in the Place	Estimated Daytime Population	Daytime Population Change Due to Commuting		Workers Who Lived and Worked in the Same Place		Employment Residence Ratio
					Number	Percent	Number	Percent	
Massachusetts	6,349,097	3,178,497	3,102,837	6,424,757	75,660	1.2%	3,001,756	96.7%	1.02
<i>Massachusetts (living & working in the same city or town)</i>	<i>6,349,097</i>	<i>3,178,497</i>	<i>3,102,837</i>	<i>6,424,757</i>	<i>75,660</i>	<i>1.2%</i>	<i>970,086</i>	<i>31.3%</i>	<i>1.02</i>
Franklin/Hampshire Workforce Area	271,069	127,870	143,150	255,789	-15,280	-5.6%	89,844	62.8%	0.89
<i>Franklin/Hampshire Workforce Area (living & working in the same city or town)</i>	<i>271,069</i>	<i>127,870</i>	<i>143,150</i>	<i>255,789</i>	<i>-15,280</i>	<i>-5.6%</i>	<i>51,962</i>	<i>36.3%</i>	<i>0.89</i>
Amherst Town	34,874	23,501	17,851	40,524	5,650	16.2%	11,817	66.2%	1.32
Ashfield Town	1,800	486	1,027	1,259	-541	-30.1%	257	25.0%	0.47
Athol Town	11,299	4,543	5,004	10,838	-461	-4.1%	1,915	38.3%	0.91
Belchertown Town	12,968	2,478	7,165	8,281	-4,687	-36.1%	1,241	17.3%	0.35
Bernardston Town	2,155	496	1,130	1,521	-634	-29.4%	140	12.4%	0.44
Buckland Town	1,991	667	1,093	1,565	-426	-21.4%	250	22.9%	0.61
Charlemont Town	1,358	348	727	979	-379	-27.9%	134	18.4%	0.48
Chesterfield Town	1,201	190	672	719	-482	-40.1%	92	13.7%	0.28
Colrain Town	1,813	354	910	1,257	-556	-30.7%	194	21.3%	0.39
Conway Town	1,809	304	1,057	1,056	-753	-41.6%	175	16.6%	0.29
Cummington Town	978	216	467	727	-251	-25.7%	104	22.3%	0.46
Deerfield Town	4,750	3,456	2,612	5,594	844	17.8%	622	23.8%	1.32
Easthampton City	15,994	4,881	8,839	12,036	-3,958	-24.7%	2,212	25.0%	0.55
Erving Town	1,467	404	748	1,123	-344	-23.4%	112	15.0%	0.54
Gill Town	1,363	294	757	900	-463	-34.0%	101	13.3%	0.39
Goshen Town	921	174	537	558	-363	-39.4%	62	11.5%	0.32
Granby Town	6,132	1,007	3,256	3,883	-2,249	-36.7%	427	13.1%	0.31
Greenfield Town	18,168	10,509	8,762	19,915	1,747	9.6%	4,195	47.9%	1.20
Hadley Town	4,793	4,092	2,455	6,430	1,637	34.2%	552	22.5%	1.67
Hatfield Town	3,249	2,544	1,879	3,914	665	20.5%	288	15.3%	1.35
Hawley Town	336	76	162	250	-86	-25.6%	32	19.8%	0.47
Heath Town	805	132	444	493	-312	-38.8%	89	20.0%	0.30
Huntington Town	2,174	428	1,181	1,421	-753	-34.6%	183	15.5%	0.36
Leverett Town	1,663	382	933	1,112	-551	-33.1%	181	19.4%	0.41
Leyden Town	772	106	450	428	-344	-44.6%	48	10.7%	0.24
Middlefield Town	542	71	303	310	-232	-42.8%	49	16.2%	0.23
Monroe Town	93	100	19	174	81	87.1%	4	21.1%	5.26

Prepared by Massachusetts Department of Workforce Development
Economic Analysis Office

Source: U.S. Census Bureau, Census 2000

Franklin/Hampshire Workforce Area by City and Town: Estimated Daytime Population and Employment-Residence Ratios: 2000

Area Name	Total Resident Population	Total Workers Working in the Place	Total Workers Living in the Place	Estimated Daytime Population	Change Due to Commuting		Workers Who Lived and Worked in the Same Place		Employment Residence Ratio
					Number	Percent	Number	Percent	
Montague Town	8,489	2,988	4,111	7,366	-1,123	-13.2%	924	22.5%	0.73
New Salem Town	929	312	521	720	-209	-22.5%	91	17.5%	0.60
Northampton City	28,978	20,037	16,008	33,007	4,029	13.9%	8,270	51.7%	1.25
Northfield Town	2,951	1,296	1,643	2,604	-347	-11.8%	464	28.2%	0.79
Northampton City	28,978	20,037	16,008	33,007	4,029	13.9%	8,270	51.7%	1.25
Northfield Town	2,951	1,296	1,643	2,604	-347	-11.8%	464	28.2%	0.79
Orange Town	7,518	2,306	3,611	6,213	-1,305	-17.4%	1,214	33.6%	0.64
Pelham Town	1,403	221	791	833	-570	-40.6%	88	11.1%	0.28
Petersham Town	1,180	404	591	993	-187	-15.8%	179	30.3%	0.68
Phillipston Town	1,621	160	850	931	-690	-42.6%	78	9.2%	0.19
Plainfield Town	589	110	274	425	-164	-27.8%	58	21.2%	0.40
Rowe Town	351	208	177	382	31	8.8%	55	31.1%	1.18
Royalston Town	1,254	149	577	826	-428	-34.1%	87	15.1%	0.26
Shelburne Town	2,058	932	1,034	1,956	-102	-5.0%	234	22.6%	0.90
Shutesbury Town	1,810	197	1,047	960	-850	-47.0%	156	14.9%	0.19
South Hadley Town	17,196	6,416	8,994	14,618	-2,578	-15.0%	2,814	31.3%	0.71
Southampton Town	5,387	1,095	3,010	3,472	-1,915	-35.5%	348	11.6%	0.36
Sunderland Town	3,777	725	2,236	2,266	-1,511	-40.0%	239	10.7%	0.32
Ware Town	9,707	3,047	4,846	7,908	-1,799	-18.5%	1,629	33.6%	0.63
Warwick Town	750	121	350	521	-229	-30.5%	56	16.0%	0.35
Wendell Town	986	218	578	626	-360	-36.5%	102	17.6%	0.38
Westhampton Town	1,468	393	847	1,014	-454	-30.9%	102	12.0%	0.46
Whately Town	1,573	1,846	914	2,505	932	59.2%	159	17.4%	2.02
Williamsburg Town	2,427	799	1,410	1,816	-611	-25.2%	264	18.7%	0.57
Worthington Town	1,270	318	639	949	-321	-25.3%	141	22.1%	0.50

Technical Notes for estimated daytime population and employment-residence ratios.

Workers – people 16 years and over who were employed and at work during the reference week. The estimate of workers includes part-time and full-time civilian personnel and people in the Armed Forces.

Total resident population – the total number of persons living in the place, as shown in Census 2000 100-percent data such as Summary File 1.

Total workers working in the place – this is the number of workers who reported working in the place, regardless of their place of residence. In other words, it is the total that worked there no matter where they lived. Residence locations are not considered, only workplace locations are reflected in this number.

Total workers living in the place – this is sometimes referred to as the number of resident workers. It is the number of people living in the place who are workers. It includes workers who live there regardless of where they worked, or in other words, no matter where their workplace was located. Place of work location is not considered, only residence location is reflected in this number.

Estimated daytime population – this is the estimate arrived at by adjusting the total resident population by the number of incommuters and outcommuters to the place, using data from Census 2000. It does not adjust for people entering or leaving the place for purposes other than commuting, nor does the commuting adjustment take the time of day of the work trips into account. The estimate is calculated by adding the total resident population and the total workers working in the place, and then subtracting from that result the total workers living in the place. This method yields the same result as would be obtained by adding the incommuters and subtracting the outcommuters from the total resident population.

Daytime population change due to commuting: number – this is the numeric increase or decrease in the population of the place as a result of work-related commuting. It is the net change in the population due to work travel and is computed by subtracting the total resident population from the estimated daytime population. Positive numbers indicate more commuters entering the place than leaving it. Negative numbers occur when more workers leave the place to go to work than enter it to come to work.

Daytime population change due to commuting: percent – this is the percentage increase or decrease in the population of the place as a result of work-related commuting. It is calculated by dividing the numeric change due to commuting by the total resident population, and multiplying the result by 100. Positive figures denote the percentage increase experienced by the population, while negative numbers show the percentage decrease in the population as a result of commuting.

Workers who lived and worked in the same place: number – this value shows how many workers who lived in a particular place also worked in that same place. It is derived from place of residence location information and responses to the question on workplace location during the week prior to filling out the census questionnaire.

Workers who lived and worked in the same place: percent – this measure is sometimes used as an indicator of worker retention, but it does not reflect variation in area size or other attributes very well. It is computed by dividing the number of workers who lived and worked in the same place by the total workers living there and multiplying the result by 100.

Employment-residence (E-R) ratio – this is a measure of the total number of workers working in a place, relative to the total number of workers living in the place. It is often used as a rough indication of the jobs-workers balance in a place, although it does not take into account whether the resident workers possess the skills needed for the jobs that are available. E-R ratios greater than 1.00 occur when there are more workers working in the place than living there. These places can be considered as net importers of labor. For example, an E-R ratio of 1.19 means that there are 19 percent more workers working in the place than living in the place. Values less than 1.00 indicate places that send more workers to other areas than they receive, i.e., they are net exporters of labor.



Commonwealth of Massachusetts
Executive Office of Labor and
Workforce Development
Joanne F. Goldstein