



Boston's Labor Force

Boston Redevelopment Authority
Research Division
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Outline of Presentation

- Labor force characteristics
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 - Historic unemployment trends
 - Unemployment characteristics
- Boston workers by place of residence
 - Characteristics of workers
 - Industry and occupation of workers

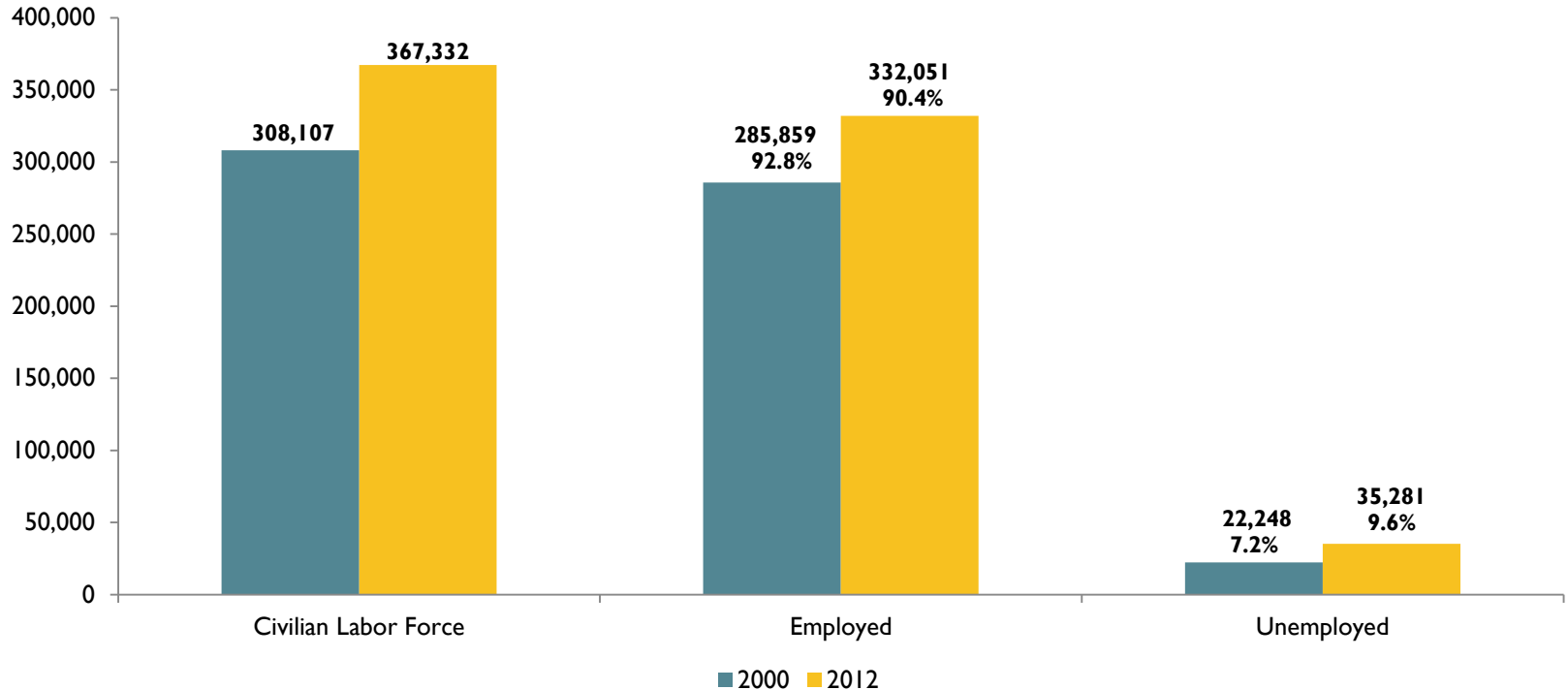


Boston's Resident Labor Force



Employment

- ▶ Boston's resident labor force grew by 19.2% from 2000 to 2012.
- ▶ Recessions in 2001 and 2008 have led to the unemployed population in Boston to increase by 58.6% since 2000.

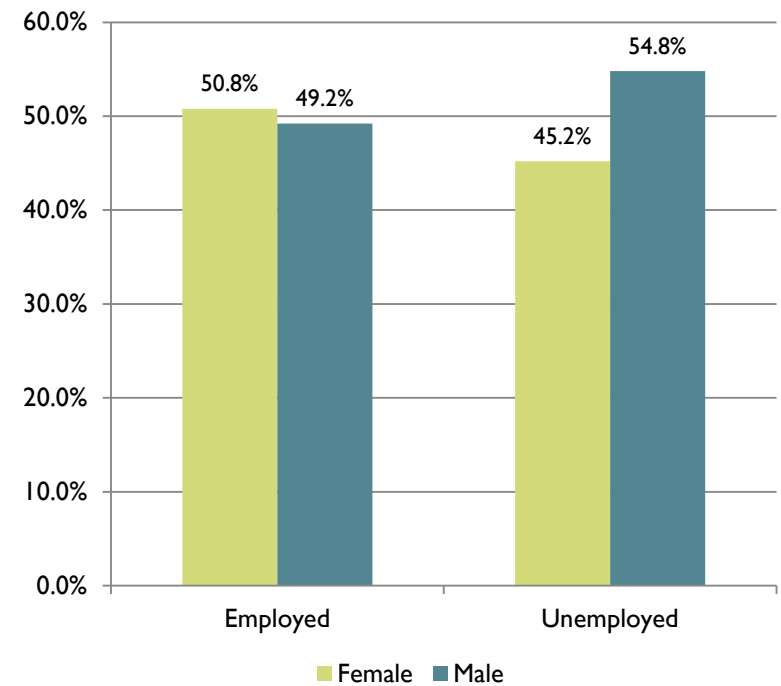
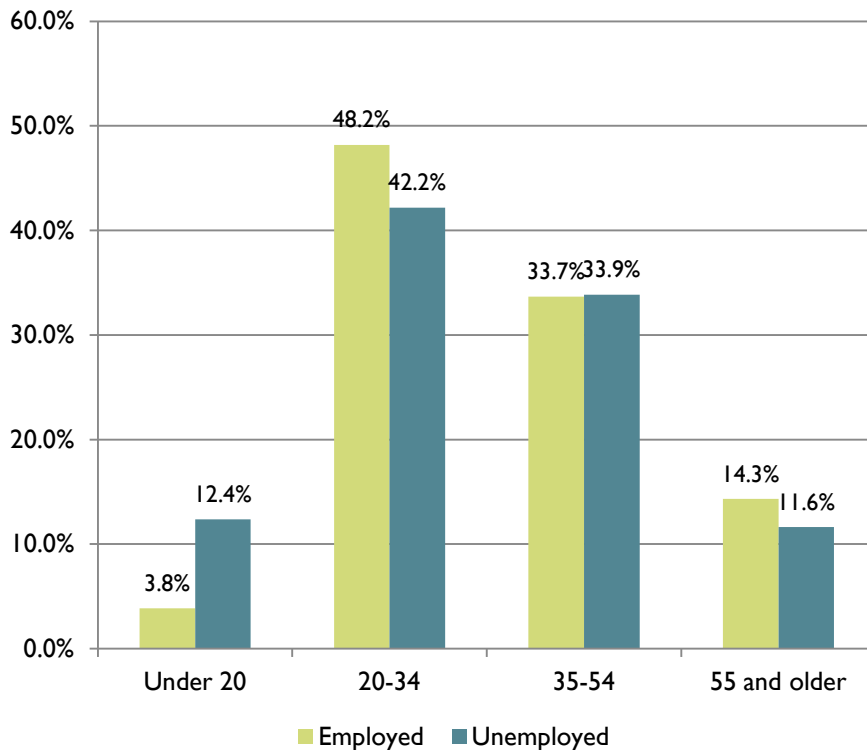


Note: ACS unemployment rates tend to be higher than official unemployment estimates; however, the advantage of using the ACS is we are able to compare unemployment rates across a multitude of groups.

Source: 2000 U.S. Census Bureau, 2012 American Community Survey, BRA Research Division Analysis

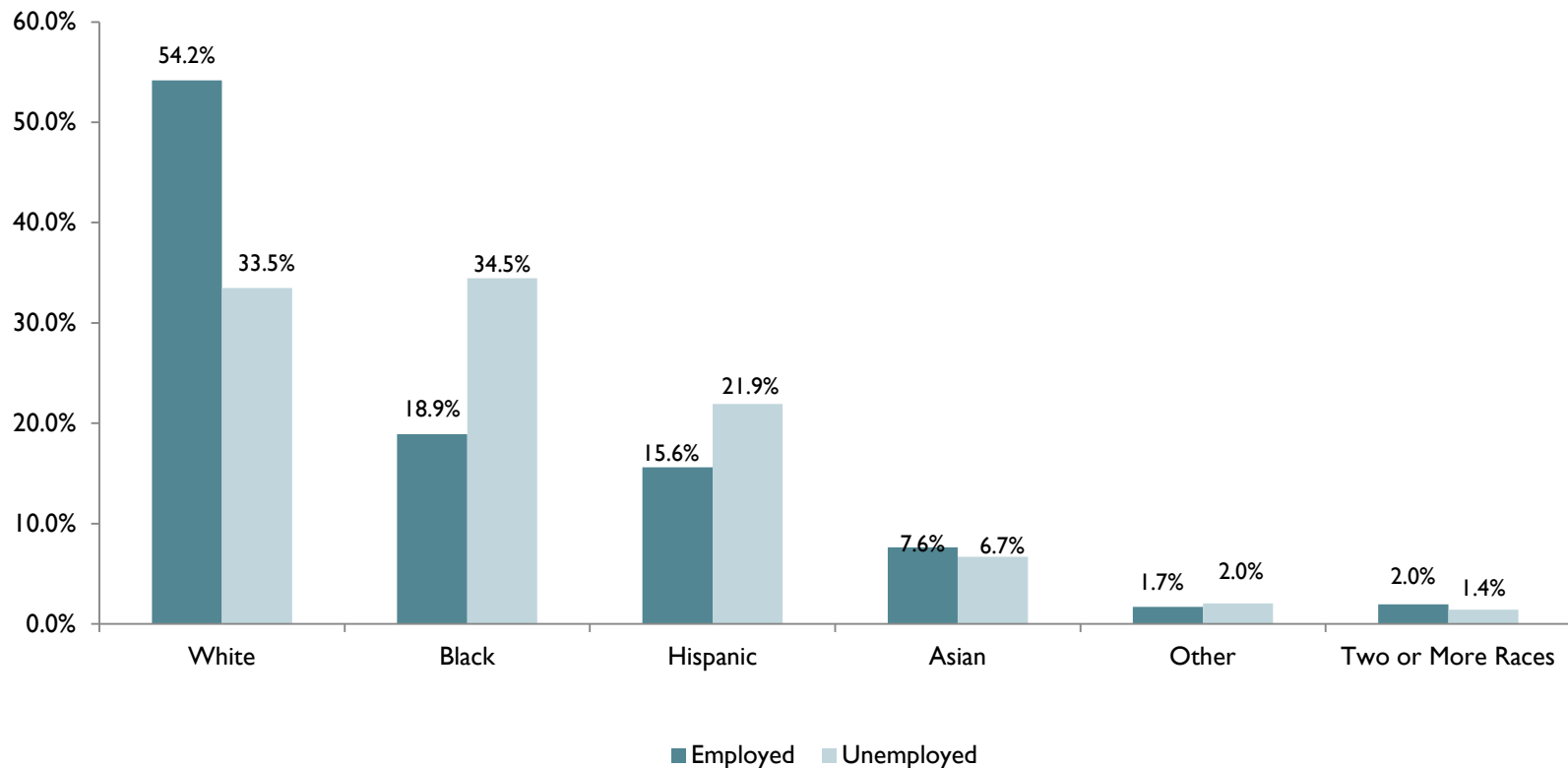
Labor Force Characteristics

- ▶ Young workers make up a larger portion of the unemployed than employed.
- ▶ The ratio of males to females that are employed is nearly 1:1; however, there are fewer unemployed females than unemployed males.



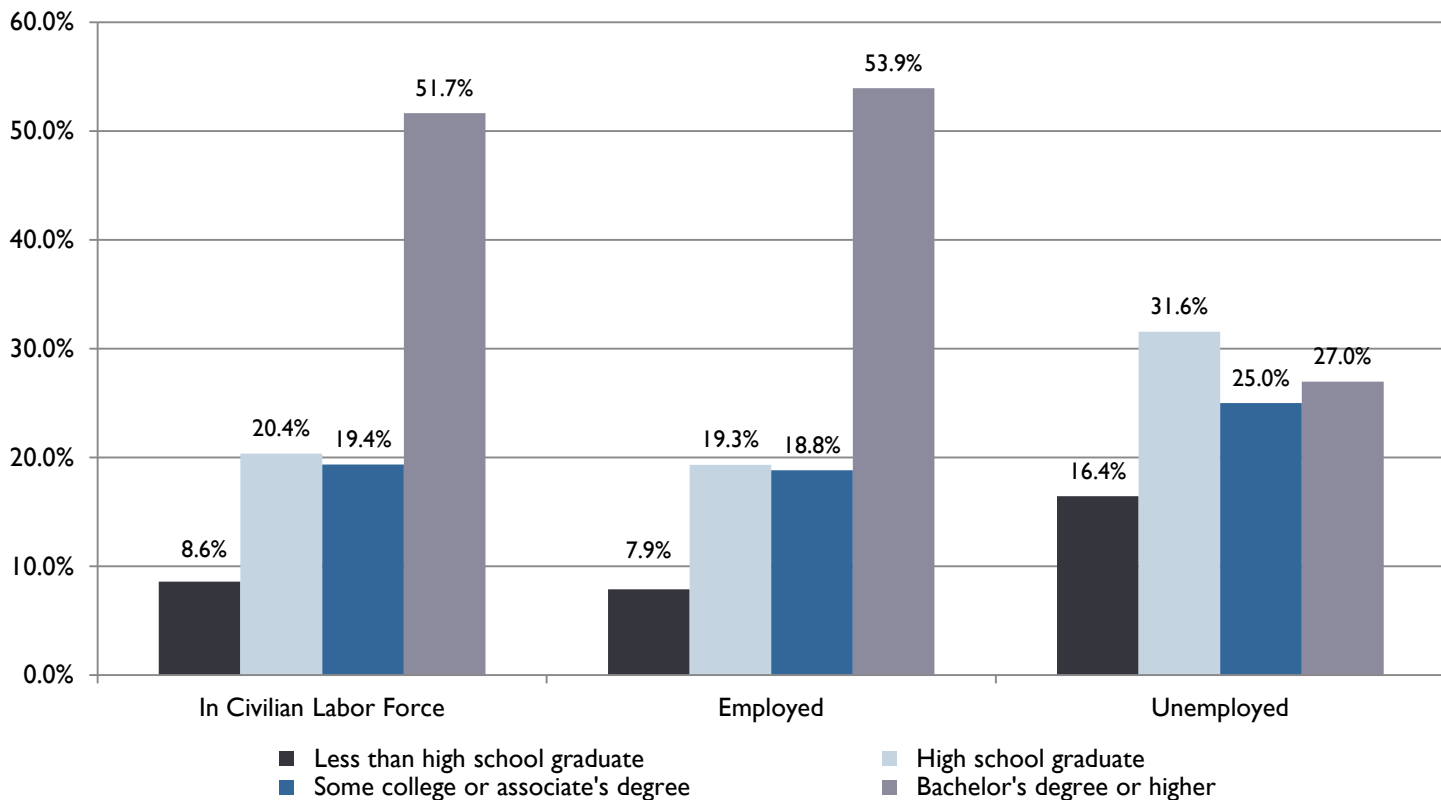
Race and Ethnicity of Boston's Labor Force

- ▶ Nearly two-thirds of unemployed Boston residents are non-white.
- ▶ Over one-third of the unemployed Boston residents are Black or African American.



Educational Attainment for the Population 25-64 Years

- ▶ The majority of Boston's civilian labor force has a bachelors degree or higher.
- ▶ While 54% of employed Boston residents have a college degree, only 27% of the unemployed have a college degree.



Unemployment by Neighborhood

Neighborhood	2000		2012	
	Unemployment Rate	Poverty Rate	Unemployment Rate	Poverty Rate
Boston	7.2%	19.5%	10.2%	21.4%
Allston	8.6%	29.0%	7.6%	35.0%
Back Bay	10.7%	11.1%	3.1%	12.2%
Beacon Hill	6.1%	10.2%	5.0%	11.5%
Brighton	3.5%	19.9%	5.2%	19.4%
Charlestown	4.1%	17.5%	7.5%	17.8%
Dorchester	8.9%	21.2%	16.2%	24.1%
Downtown	14.3%	26.9%	7.6%	24.0%
East Boston	7.3%	19.5%	10.4%	17.0%
Fenway	10.1%	35.8%	10.6%	42.3%
Hyde Park	5.0%	11.0%	12.7%	11.0%
Jamaica Plain	5.2%	17.0%	6.7%	19.9%
Longwood Medical Area	7.0%	26.4%	12.0%	33.1%
Mattapan	8.7%	16.1%	17.1%	18.2%
Mission Hill	8.0%	37.4%	8.1%	38.9%
North End	3.6%	8.2%	1.8%	17.0%
Roslindale	5.1%	13.4%	10.3%	12.5%
Roxbury	11.7%	27.7%	16.5%	34.8%
South Boston	5.2%	17.7%	7.5%	19.5%
South Boston Waterfront	1.4%	6.9%	3.1%	4.1%
South End	6.9%	20.7%	9.0%	23.5%
West End	1.7%	9.6%	5.2%	5.7%
West Roxbury	3.0%	6.4%	6.7%	5.9%

Note: Due to restrictions with sampling size, the neighborhood of Bay Village is included in the South End, and the neighborhoods of Chinatown and Leather District are included in Downtown.

Source: 2007-2011 American Community Survey, 2000 U.S. Census Bureau, BRA Research Division Analysis

Labor Force Characteristics

Characteristics	Employed	Unemployed	Unemployment Rate
Male	163,408	19,331	10.6%
Female	168,643	15,950	8.6%
Under 20	12,752	4,359	25.5%
20-34 Years	160,014	14,879	8.5%
35-54 Years	111,755	11,944	9.7%
55 Years+	47,530	4,099	7.9%
Less than high school graduate	20,587	3,961	16.1%
High school graduate (includes equivalency)	50,449	7,604	13.1%
Some college or associate's degree	49,170	6,024	10.9%
Bachelor's degree or higher	140,747	6,497	4.4%
White	169,339	14,715	8.0%
Black	59,137	15,151	20.4%
Hispanic	48,775	9,641	16.5%
Asian	23,842	2,943	11.0%
Other	5,335	890	14.3%
Two or More Races	6,113	620	9.2%

Note: The unemployment rates by educational attainment are of the civilian population ages 25-64 years old, while the rates by sex, age, and race/ethnicity are of the civilian population 16 years and over.

Source: 2012 American Community Survey; 2011 American Community Survey, Public Use Microdata Sample; BRA Research Division Analysis

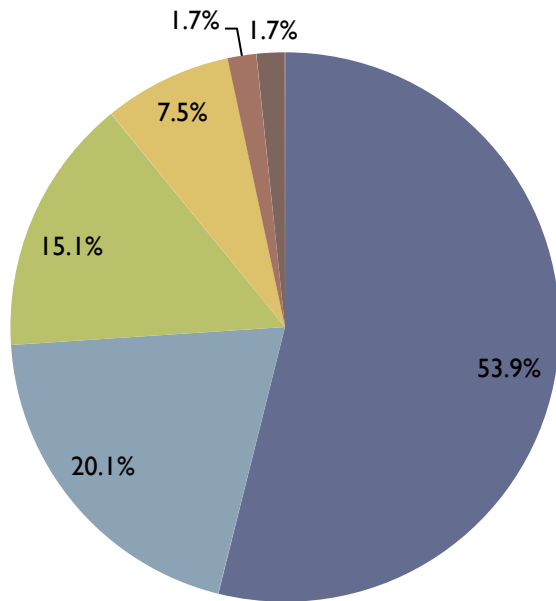
Boston's Workers by Place of Residence



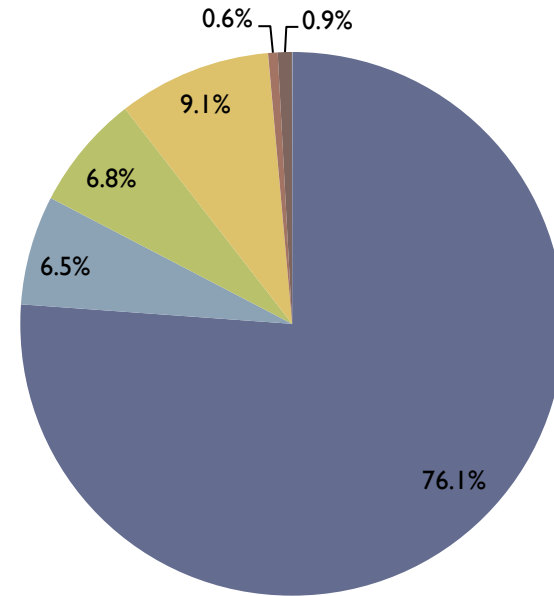
Race and Ethnicity of Boston Workers by Residence

- ▶ There are more non-white Boston workers living in the city than commuting from outside Boston.

Living in Boston



Living Outside Boston

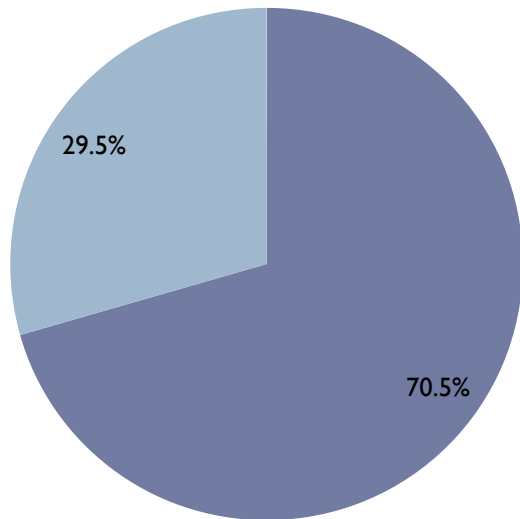


■ White
■ Black or African American
■ Hispanic
■ Asian
■ Other
■ Two or More Races/Ethnicities

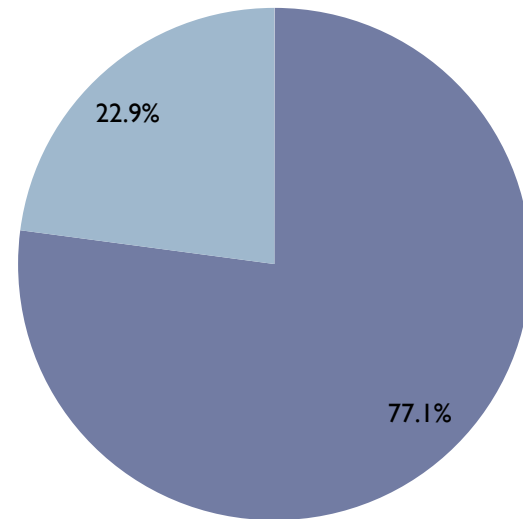
Citizenship of Boston Workers by Residence

- ▶ Boston has more workers who are foreign born living in the city than living outside the city.

Living in Boston



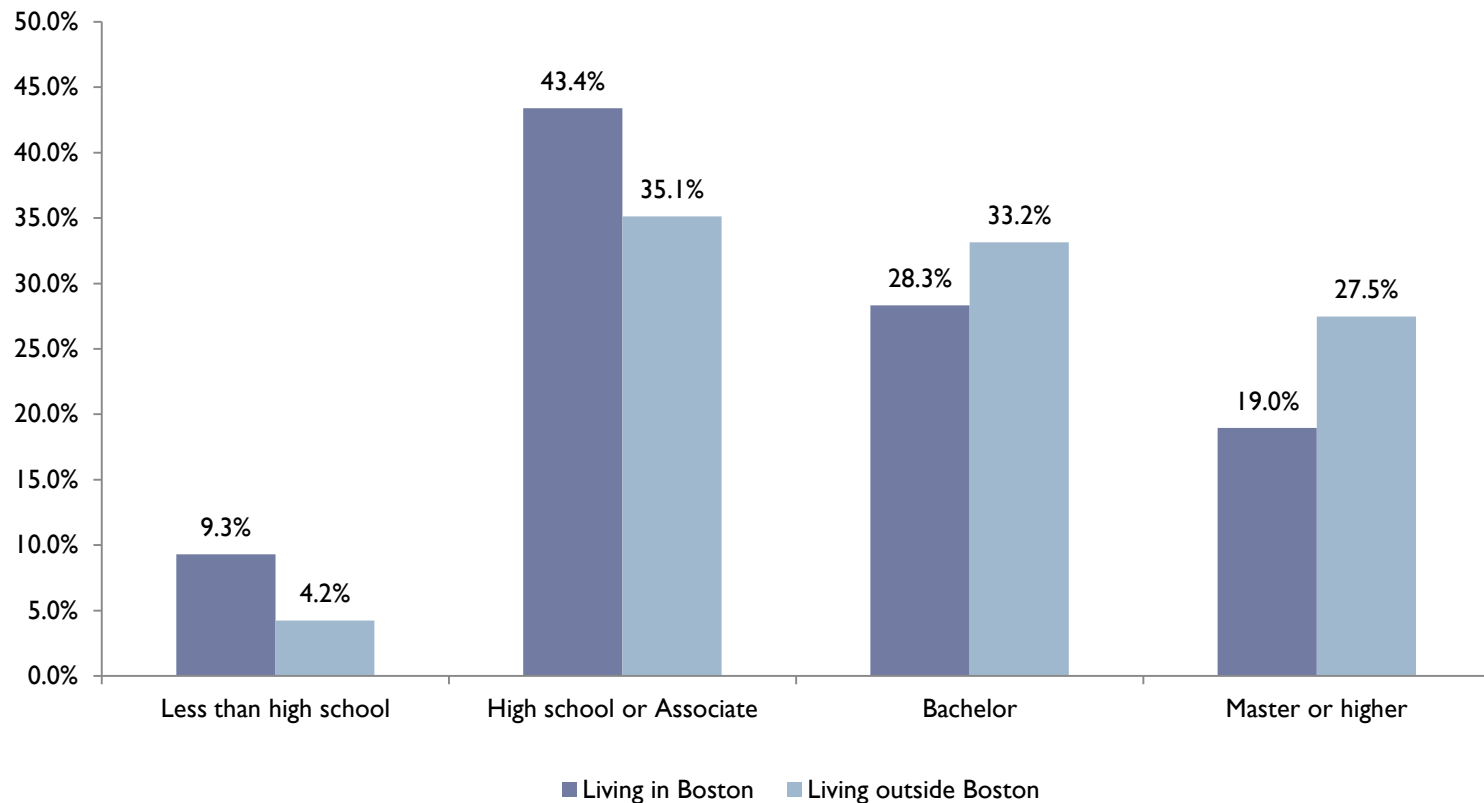
Living Outside Boston



■ Native Born ■ Foreign born

Educational Attainment of Boston Workers by Residence

- ▶ 43.4% of Boston workers living in Boston have a high school or associates degree.
- ▶ There are more Boston workers with a Bachelor's degree or higher living outside the city.



Occupations of Boston Workers by Residence

Occupation	Living in Boston	Living outside Boston	In/Out Ratio
Office and Administrative Support	12.9%	11.3%	1.14
Management	10.7%	14.3%	0.75
Sales and Related Occupations	9.1%	7.3%	1.24
Food Preparation and Serving Related	8.1%	3.6%	2.24
Business and Financial Operations	8.0%	10.1%	0.79
Education, Training, and Library	6.8%	5.6%	1.20
Healthcare Practitioners and Technical	5.7%	9.3%	0.61
Personal Care and Service	4.5%	2.0%	2.21
Transportation and Material Moving	3.6%	3.4%	1.07
Building and Grounds Cleaning and Maintenance	3.6%	2.9%	1.26
Arts, Design, Entertainment, Sports, and Media	3.2%	2.5%	1.30
Construction and Extraction	3.2%	4.5%	0.71
Computer and Mathematical	3.1%	4.9%	0.63
Legal	2.9%	3.8%	0.75
Community and Social Service	2.8%	1.5%	1.88
Protective Service	2.7%	2.7%	1.01
Life, Physical, and Social Science	2.4%	3.0%	0.79
Healthcare Support	2.3%	1.3%	1.71
Production	1.9%	1.7%	1.14
Installation, Maintenance, and Repair	1.4%	2.1%	0.66
Architecture and Engineering	1.0%	2.1%	0.48
Military	0.1%	0.0%	2.66
Farming, Fishing, and Forestry	0.1%	0.0%	4.16
Total	100.0%	100.0%	1.00

Industry of Boston Workers by Residence

Industry	Live in Boston	Live outside Boston	In/Out Ratio
Health Care and Social Assistance	19.3%	18.7%	1.03
Educational Services	12.3%	9.8%	1.26
Accommodation and Food Services	10.1%	5.6%	1.80
Professional and Technical Services	10.1%	13.3%	0.76
Finance and Insurance	8.6%	14.5%	0.60
Retail Trade	7.7%	4.2%	1.83
Other Services (Except Public Administration)	4.7%	3.2%	1.48
Public Administration	4.6%	5.3%	0.87
Administrative and Waste Services	4.2%	3.7%	1.12
Transportation and Warehousing	3.6%	4.9%	0.73
Construction	3.1%	5.3%	0.59
Manufacturing	2.6%	3.3%	0.80
Information	2.6%	2.6%	0.97
Real Estate and Rental and Leasing	2.6%	2.3%	1.11
Arts, Entertainment, and Recreation	2.2%	1.3%	1.71
Wholesale Trade	1.2%	1.4%	0.85
Utilities	0.4%	0.5%	0.78
Management of Companies and Enterprises	0.1%	0.0%	2.11
Agriculture, Forestry, Fishing & Hunting	0.0%	0.1%	0.46
Mining	0.0%	0.0%	0.00
Total	100.0%	100.0%	1.00

Wages of Boston Workers by Residence

- ▶ Workers who live outside the City of Boston tend to earn more than workers who live in Boston.

Wages of Boston Workers		
Residence	Mean Annual Wages	Median Annual Wages
Living in Boston	\$46,142	\$33,000
Living outside Boston	\$73,562	\$54,000