
DISTRIBUTION OF OCCUPATIONS ACROSS SUPERSECTORS IN GREATER BOSTON (2008-2010)

Because changes in industries and occupations impact each other, it is important to see how occupations are distributed across industries. Unfortunately, data limitations make this difficult to do so for small geographic regions. However, due to the similarities and integration between the Metro South/West and Boston/Metro North labor markets, we can combine the regions to see where groups of employees are concentrated in what we call the Greater Boston region. Some occupations are concentrated in one or several industries, while other occupations are spread across a number of industries. Consider that nearly 90 percent of Healthcare Practitioners & Technical occupations are located in the Education & Health Services supersector. In contrast, jobs in

Management occupations are distributed across many industries. Other occupations are split between a few major industries. For example, Business & Financial Operations occupations are strongly concentrated in the supersectors Professional & Business Services (30.5 percent) and Financial Activities (32.2 percent).

Source: US Census Bureau 2008-2010 American Community Survey PUMS data files.

Note: Due to sample size limitations in the Census and American Community Survey it is not possible to provide an occupational distribution across industries for small geographic areas. Therefore Metro South/West was grouped with Boston/Metro North to increase observations to provide an occupation/industry distribution for Greater Boston. While there are differences between these two labor markets, industrial and occupational concentrations are similar enough to be representative of the distributions for both labor markets.

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	Education & Health Services	Trade, Transportation, & Utilities	Professional & Business Services	Manufacturing	Leisure & Hospitality	Financial Activities	Construction	Other	All Industries
Office & Administrative Support	22.9	22.9	15.1	6.3	3.5	14.3	2.0	12.8	100.0
Management	19.4	6.9	20.2	12.2	6.6	16.0	6.0	12.7	100.0
Sales	2.0	58.5	6.0	5.1	4.7	17.6	0.4	5.7	100.0
Education, Training, & Library Services	93.7	0.4	1.2	0.2	1.1	0.2	0.0	3.2	100.0
Healthcare Practitioners & Technical Services	89.5	4.1	3.3	0.6	0.1	0.5	0.0	2.0	100.0
Business & Financial Operations	8.9	8.6	30.5	7.1	1.2	32.2	1.2	10.1	100.0
Food Preparation & Serving	10.6	3.8	0.4	0.9	82.4	0.3	0.0	1.7	100.0
Production	3.4	12.1	5.5	61.6	2.5	1.6	2.1	11.2	100.0
Construction & Extraction	1.8	3.5	2.2	2.1	0.5	1.3	85.5	3.1	100.0
Transportation & Material Moving	4.0	66.2	5.7	6.4	4.8	2.1	3.6	7.2	100.0
Computer & Mathematical	11.9	5.3	48.0	11.6	0.4	12.5	0.2	10.1	100.0
Building and Grounds Cleaning & Maintenance	19.7	4.3	44.3	1.9	10.3	3.7	0.7	15.2	100.0
Personal Care & Service	36.0	7.2	1.8	0.1	15.0	0.2	0.0	39.8	100.0
Installation, Maintenance, & Repair	5.6	25.7	7.3	10.7	1.9	6.0	8.9	34.0	100.0
Healthcare Support	88.0	1.4	2.1	0.0	0.9	0.3	0.0	7.3	100.0
Architecture & Engineering	2.8	4.9	42.3	37.0	0.7	0.5	4.0	7.8	100.0
Arts, Design, Entertainment, Sports, & Media	11.2	6.5	27.8	6.2	16.1	2.1	0.4	29.7	100.0
Life, Physical, & Social Sciences	41.0	0.8	36.7	14.0	1.1	1.5	0.1	4.8	100.0
All Other	21.5	1.7	31.5	1.2	2.0	2.8	0.1	39.3	100.0
All Occupations	26.1	15.0	17.0	8.1	7.1	9.3	5.1	12.3	100.0