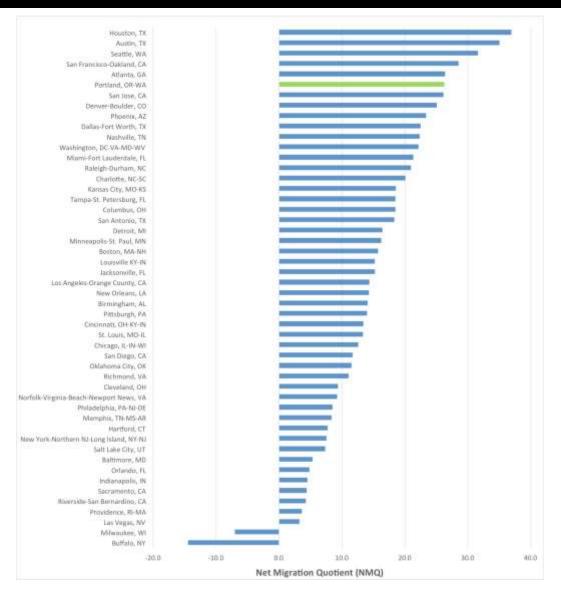
### Population Research Center PORTLAND STATE UNIVERSITY







YCE Net Migration Quotient (NMQ), Largest 50 U.S. Metro Areas, 2012-2014



### **PUMA and MIGPUMA**

#### PUMA

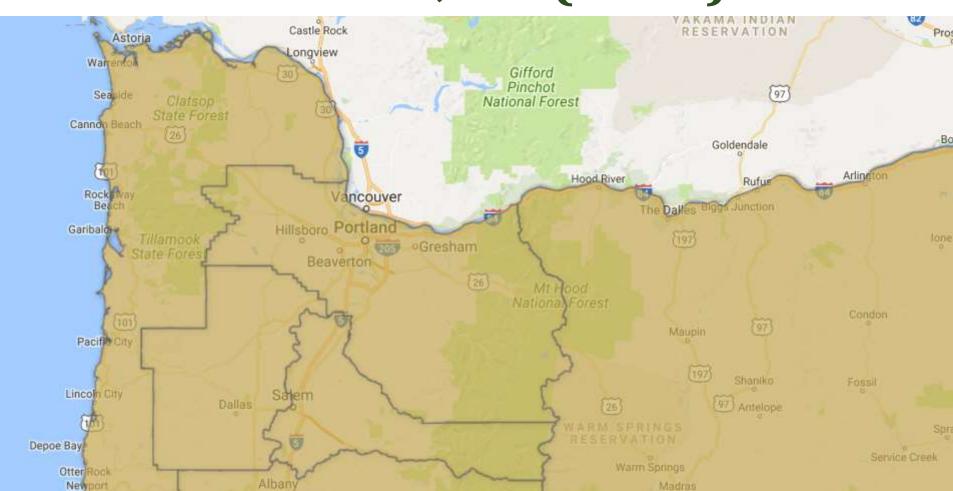
 Geographic areas with a minimum population of 100,000 (built on census tract and county boundaries) that are defined by the Census Bureau for reporting PUMS data

#### MIGPUMA

 A geographic area where an ACS respondent lived 1-year ago—sometimes contains multiple PUMAs to avoid disclosure risk



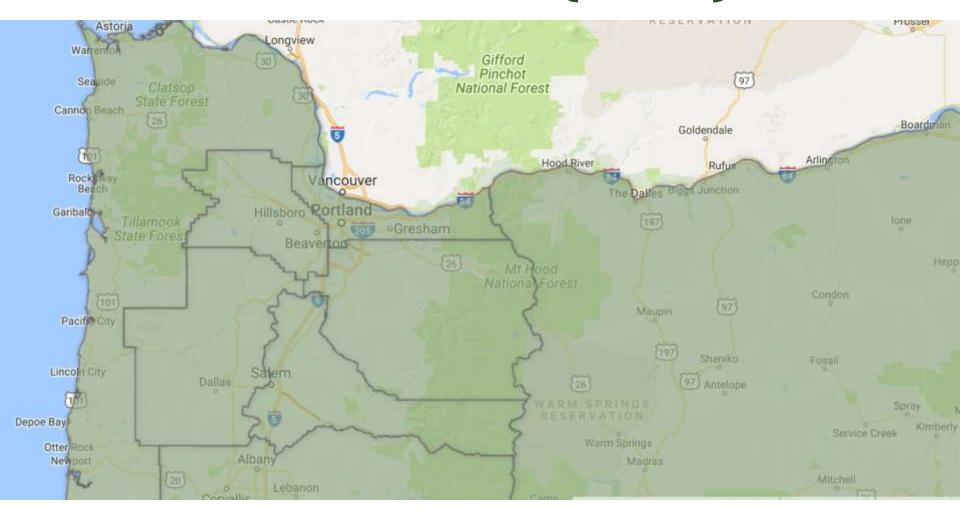
# Portland, OR (2000)





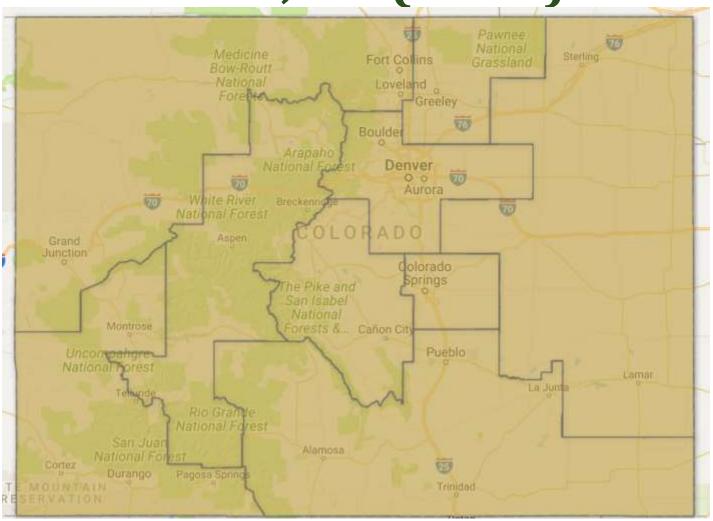


# Portland, OR (2010)





**Denver, CO (2000)** 



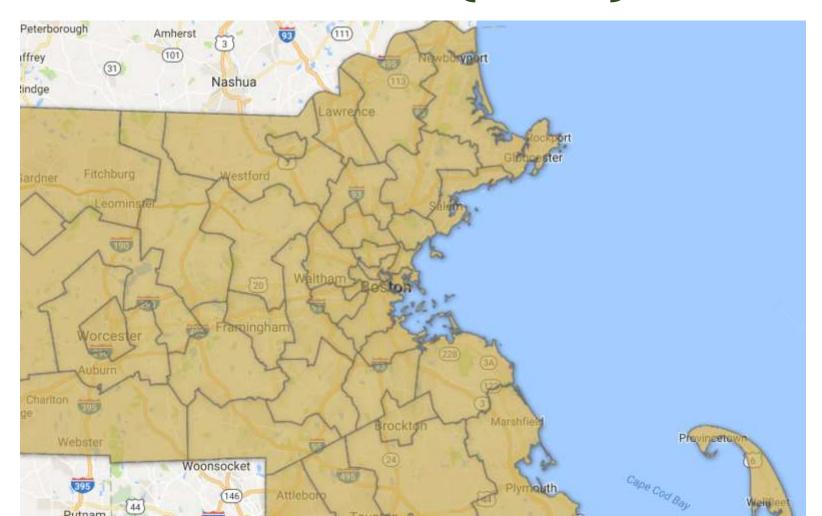


# **Denver, CO (2010)**





# Boston, MA (2000)





# Boston, MA (2010)



Source: Integrated PUMS (Ruggles et al. 2012)