

Airbnb in Boston

a mapping exploration of space-sharing

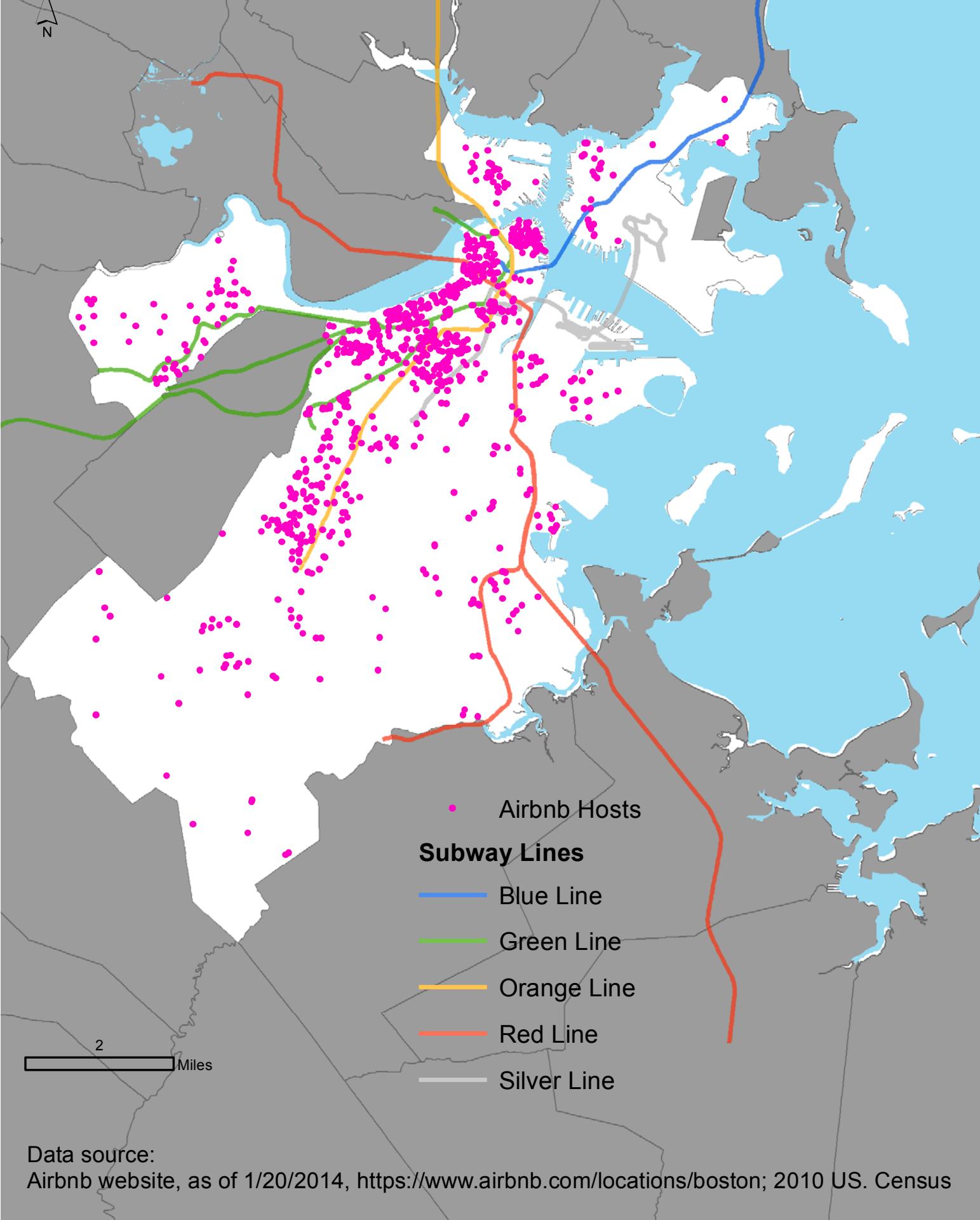
Cristen Jones, Yuqi Wang, Leo Goldberg

Sharing Space in a Regulated Place with Corey Zehngebrot, MIT IAP 2014

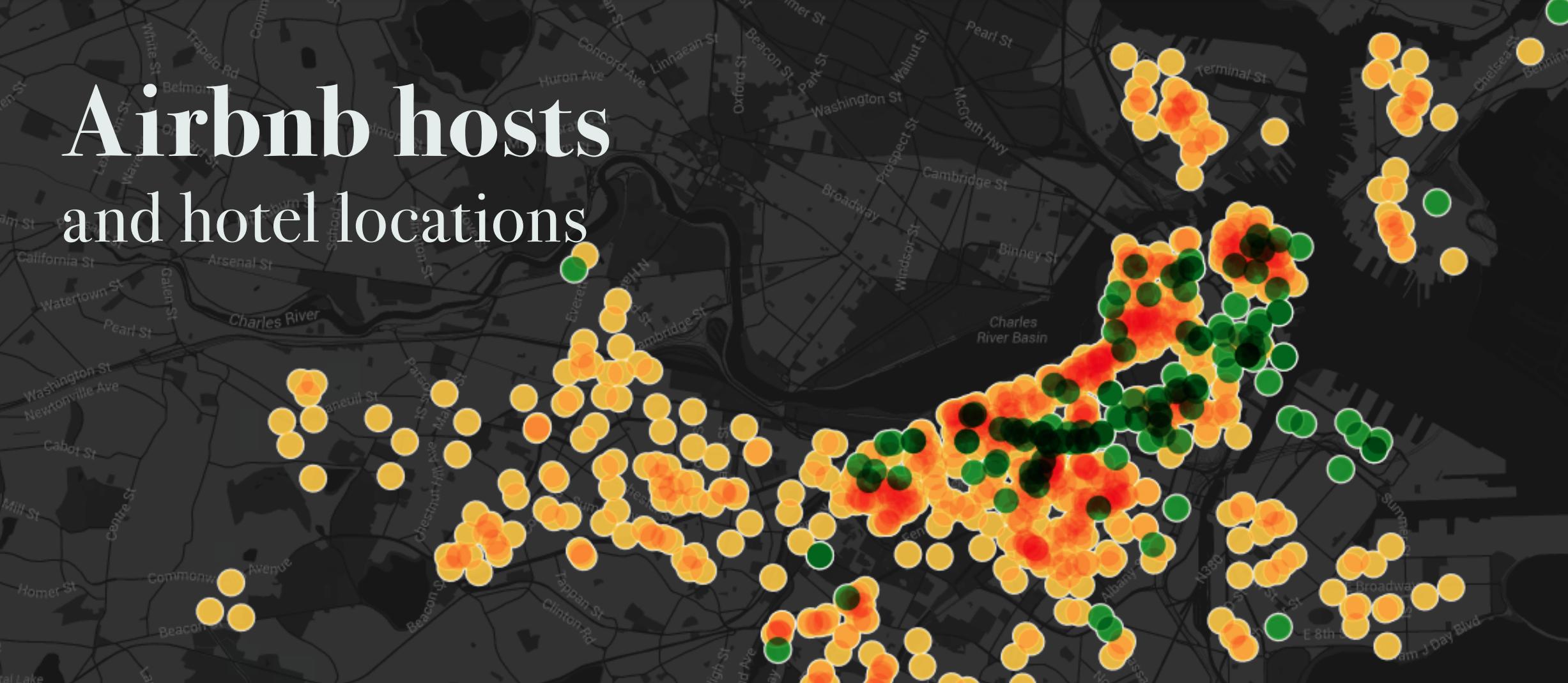


Airbnb hosts

(Only hosts within Boston shown.)



Airbnb hosts and hotel locations



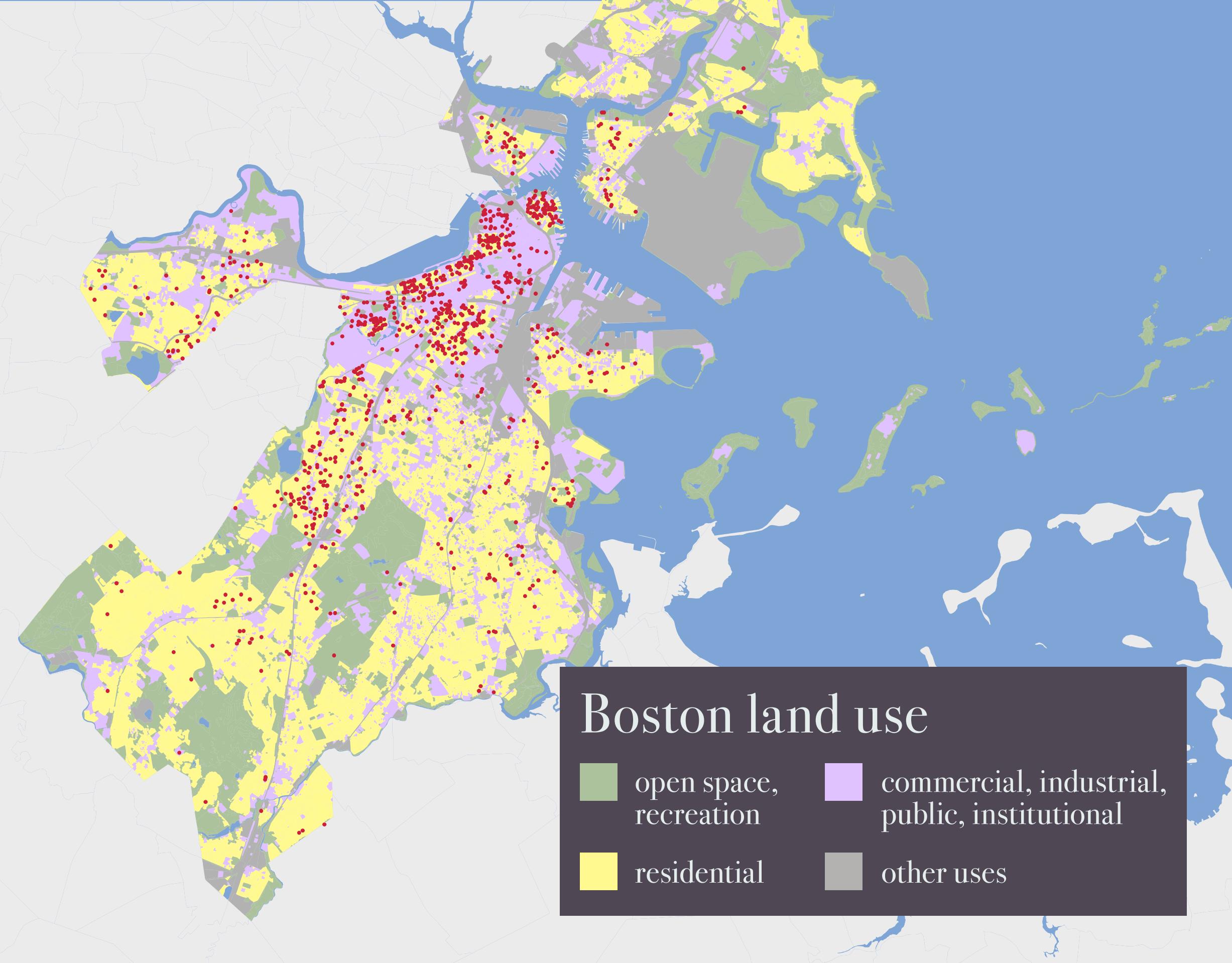
See map at <http://cdb.io/LZyMr4>

Hotel Data from:

Economic Census 2007

NAICS 72111: Hotels (except Casino Hotels) and Motels

Industry Definition: Establishments primarily engaged in providing short-term lodging in facilities known as hotels, motor hotels, resort hotels, and motels.



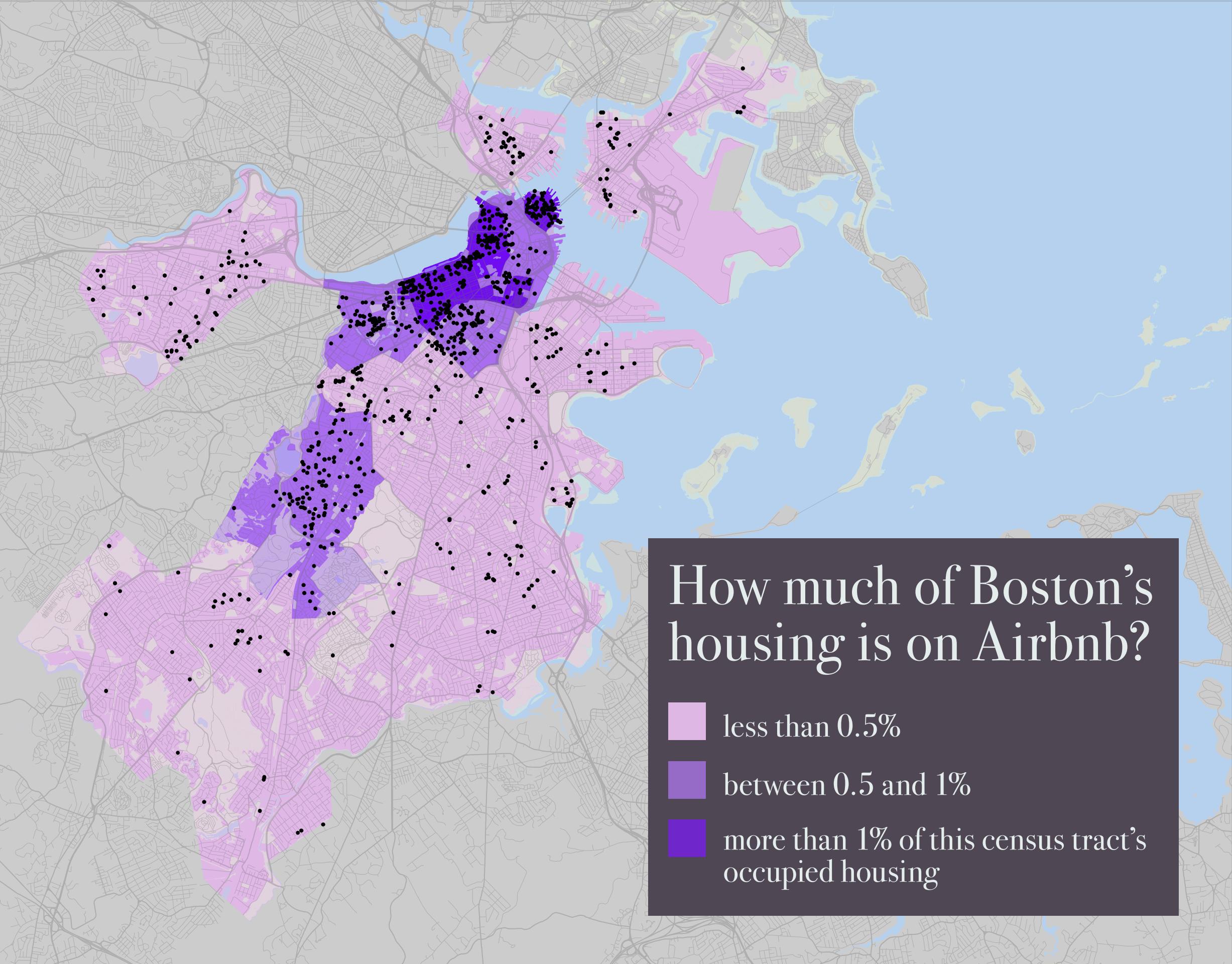
Boston land use

open space,
recreation

residential

commercial, industrial,
public, institutional

other uses



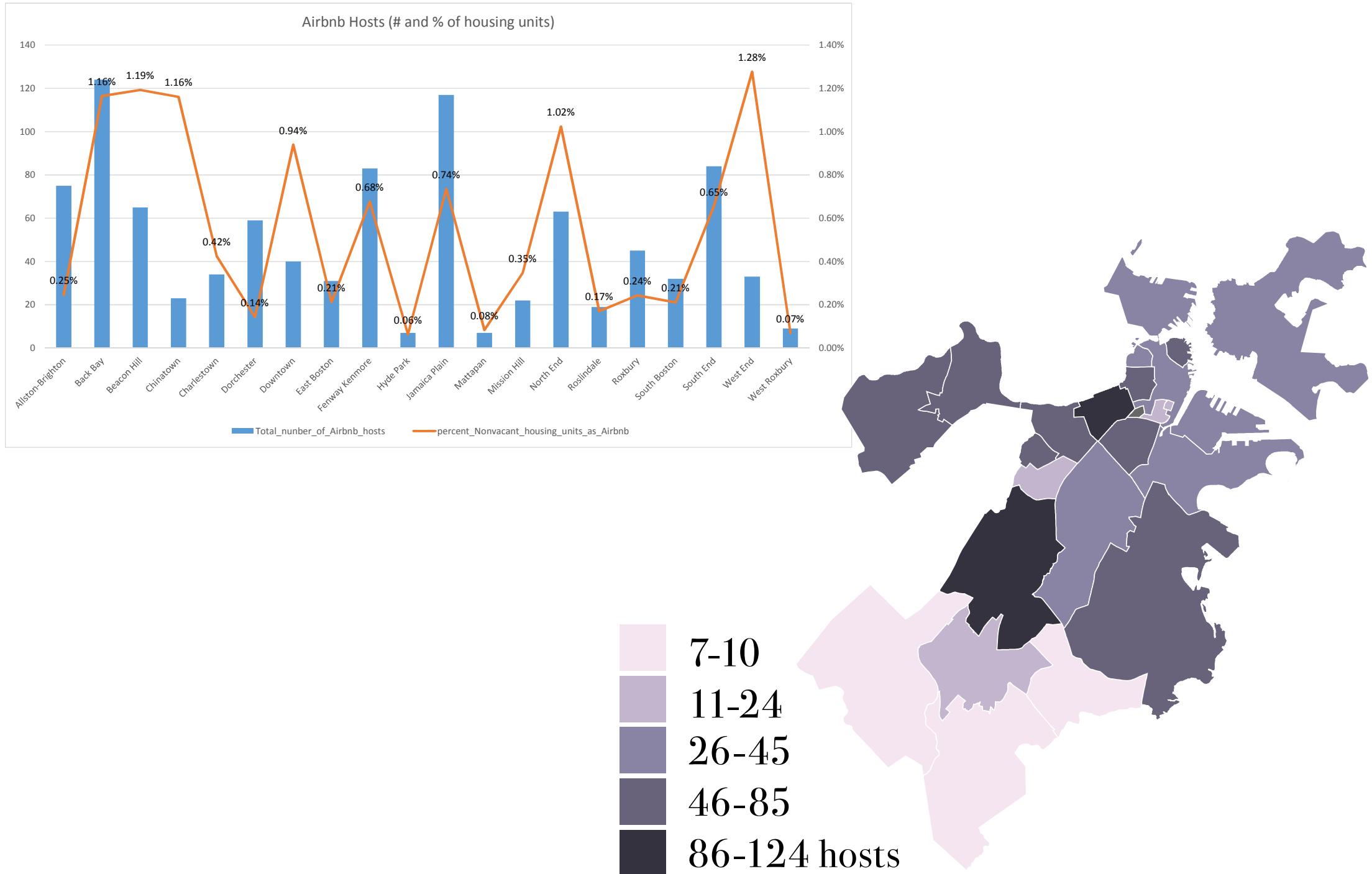
How much of Boston's housing is on Airbnb?

■ less than 0.5%

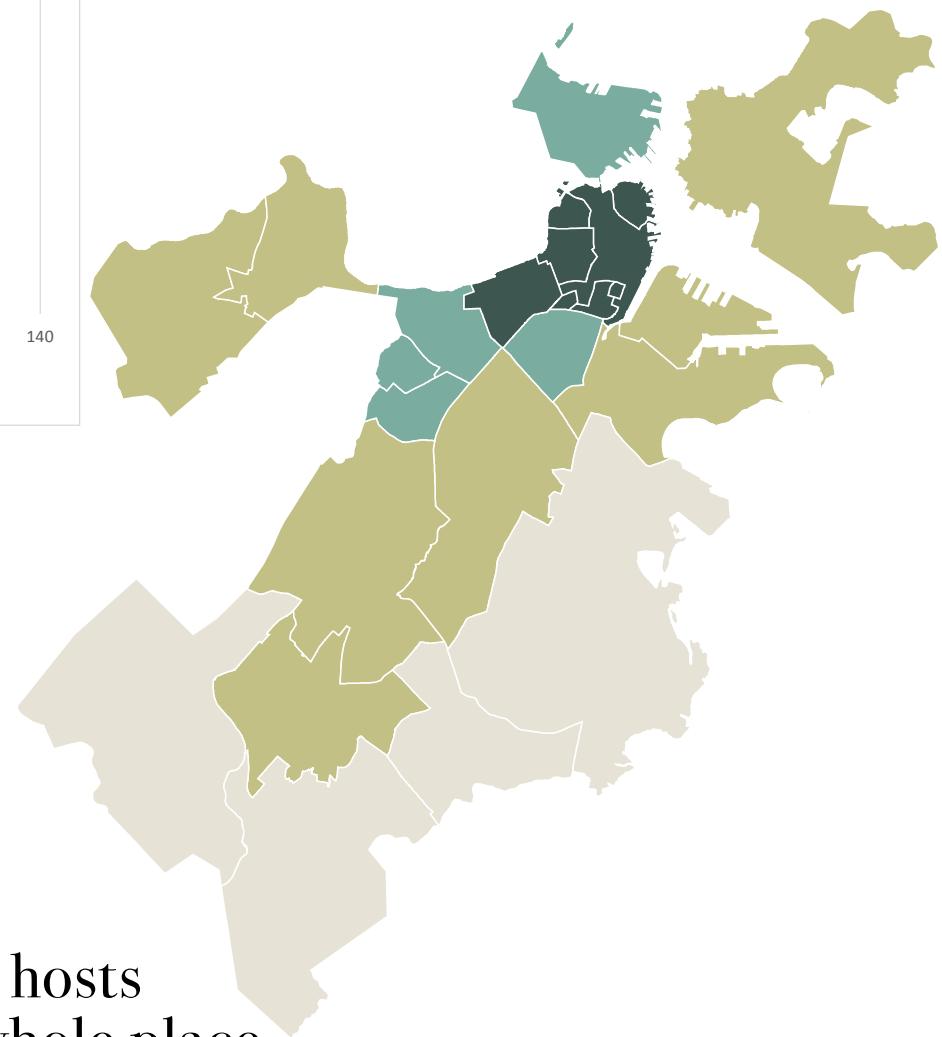
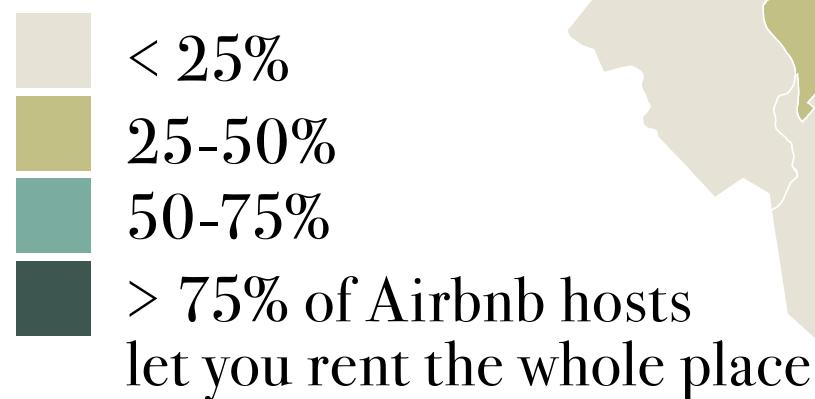
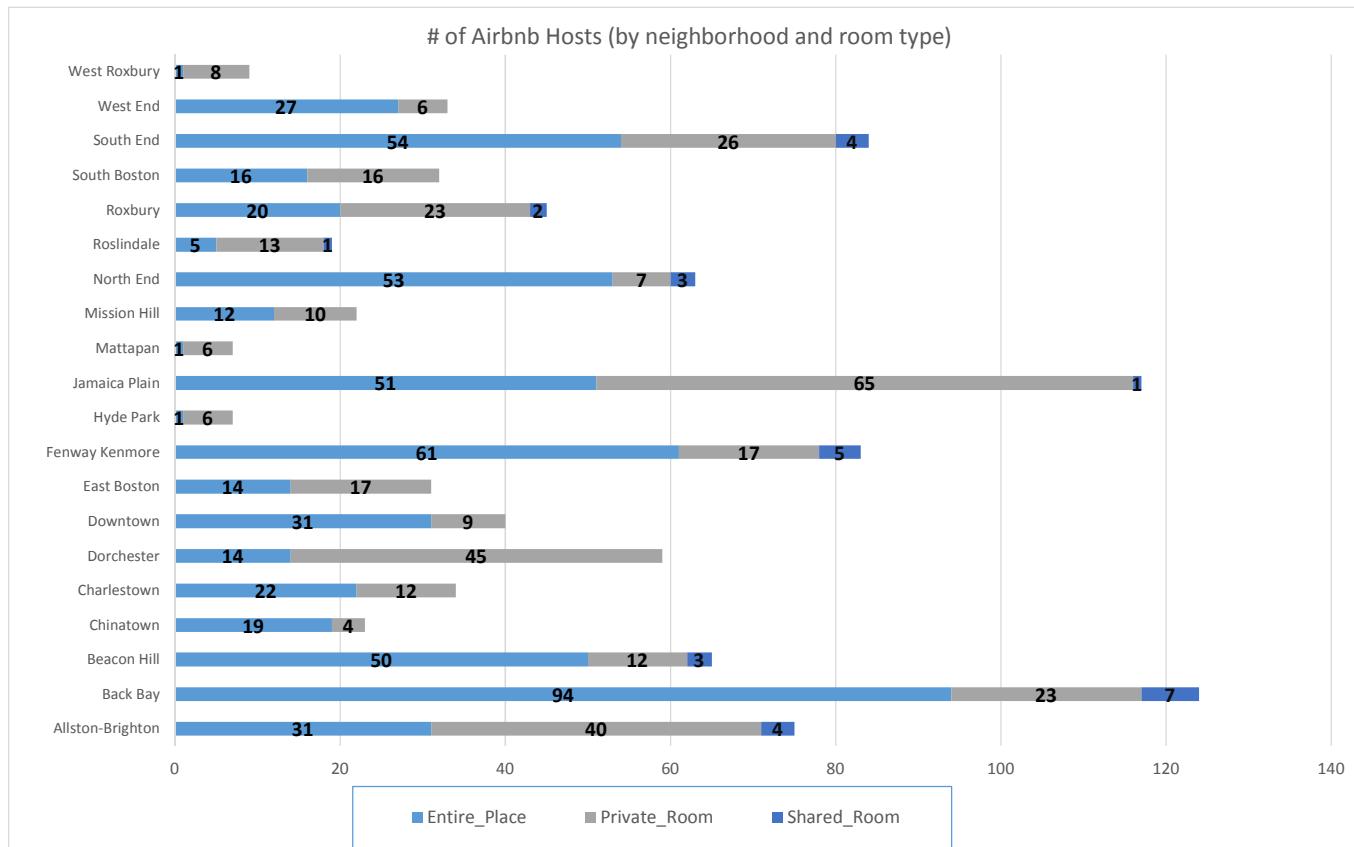
■ between 0.5 and 1%

■ more than 1% of this census tract's occupied housing

Airbnb hosts by neighborhood



Airbnb hosts by neighborhood

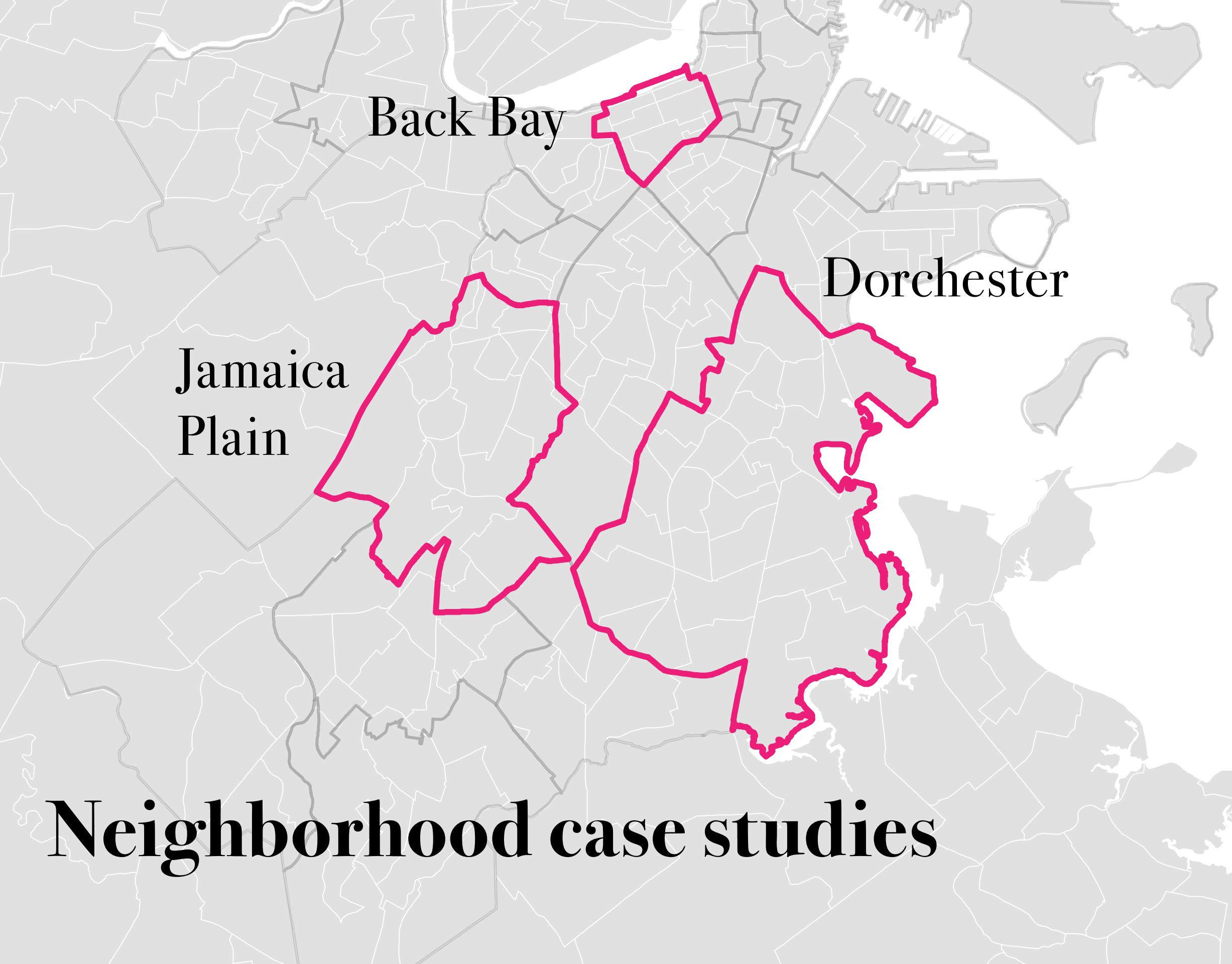


Neighborhood case studies

Jamaica
Plain

Back Bay

Dorchester

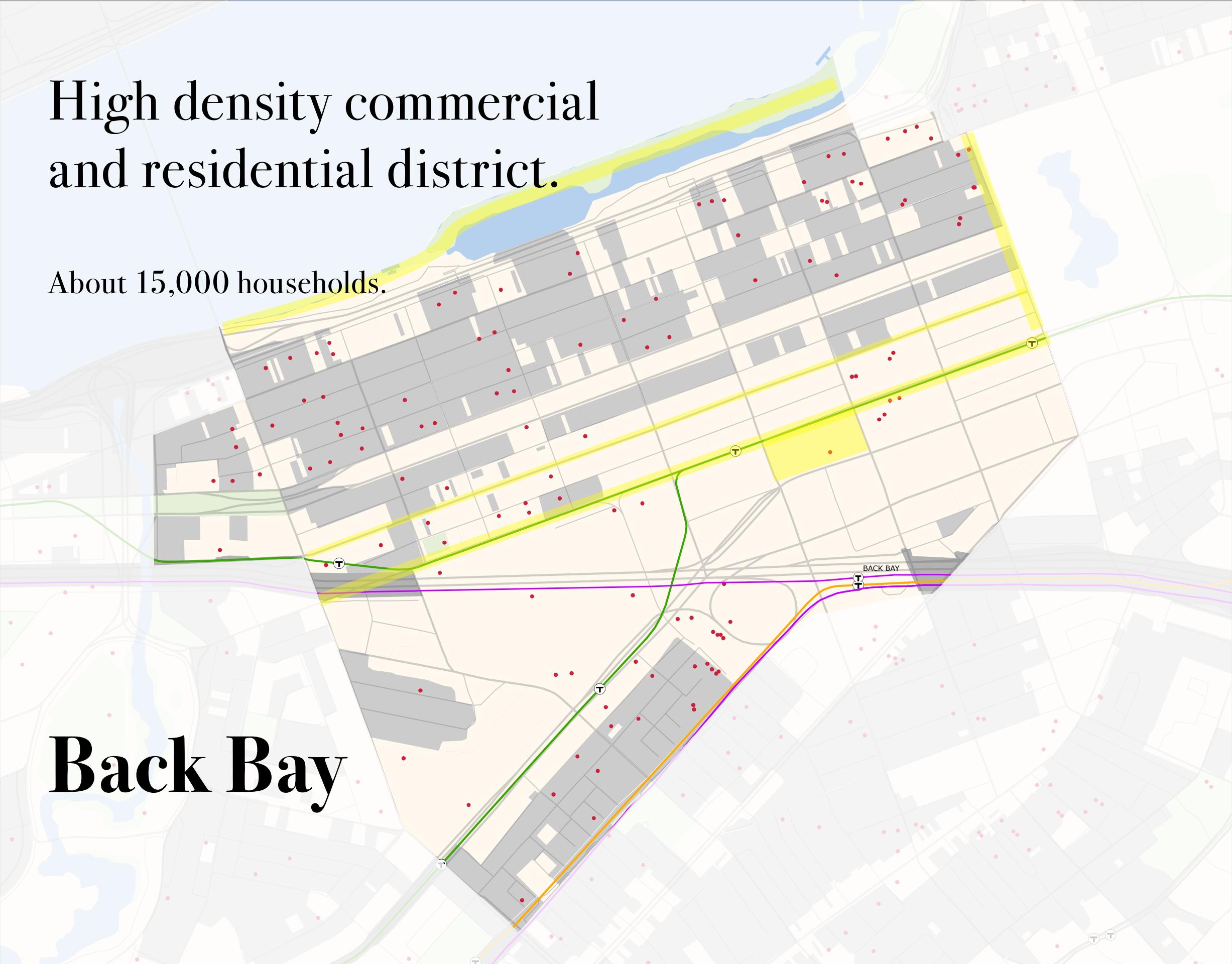


Back Bay

High density commercial
and residential district.

About 15,000 households.

Back Bay

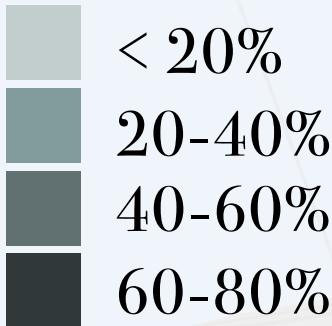


Average household size by census tract

 2 or fewer



Average “housing burden” by census tract, as % of income spent on housing

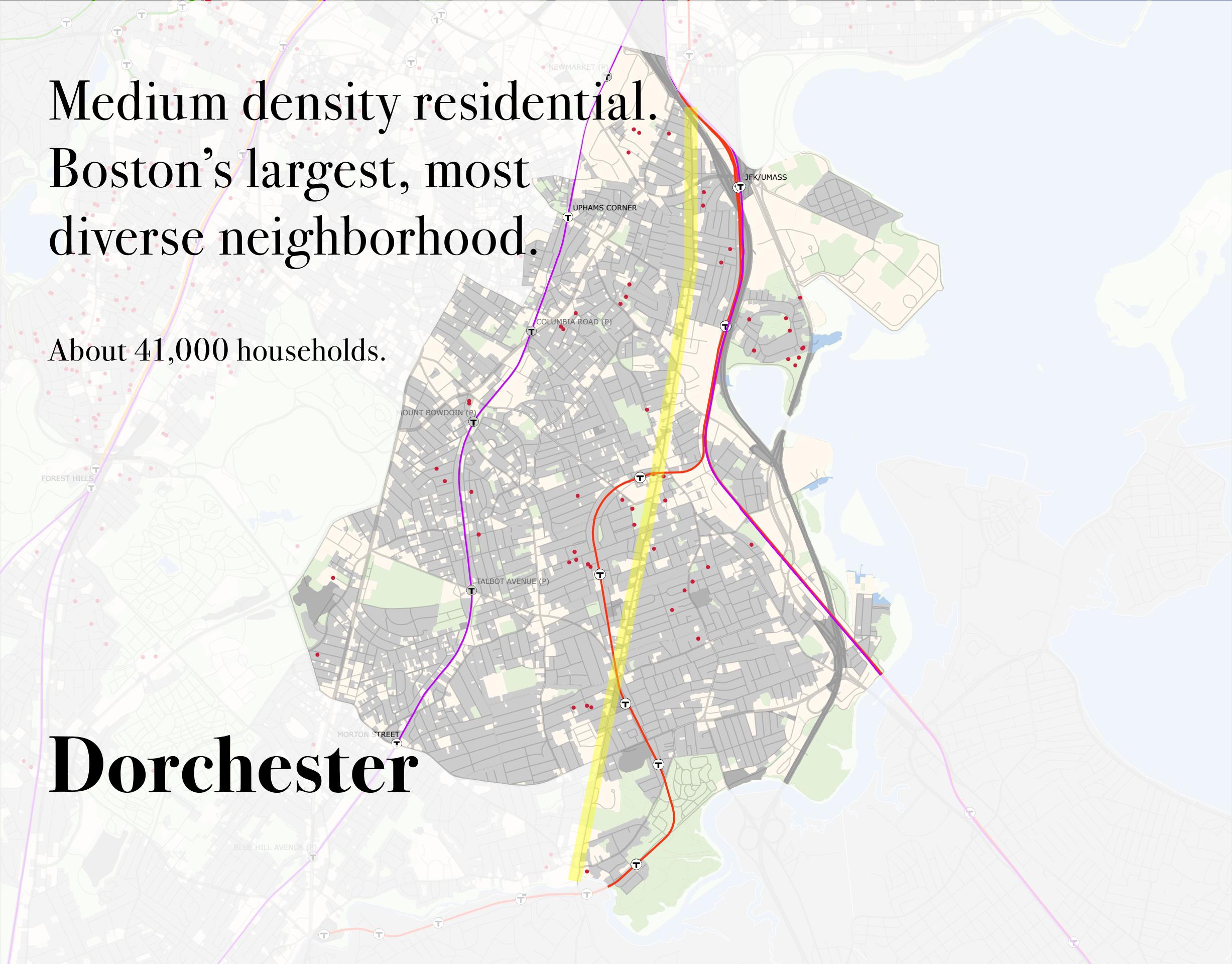


Dorchester

Medium density residential.
Boston's largest, most
diverse neighborhood.

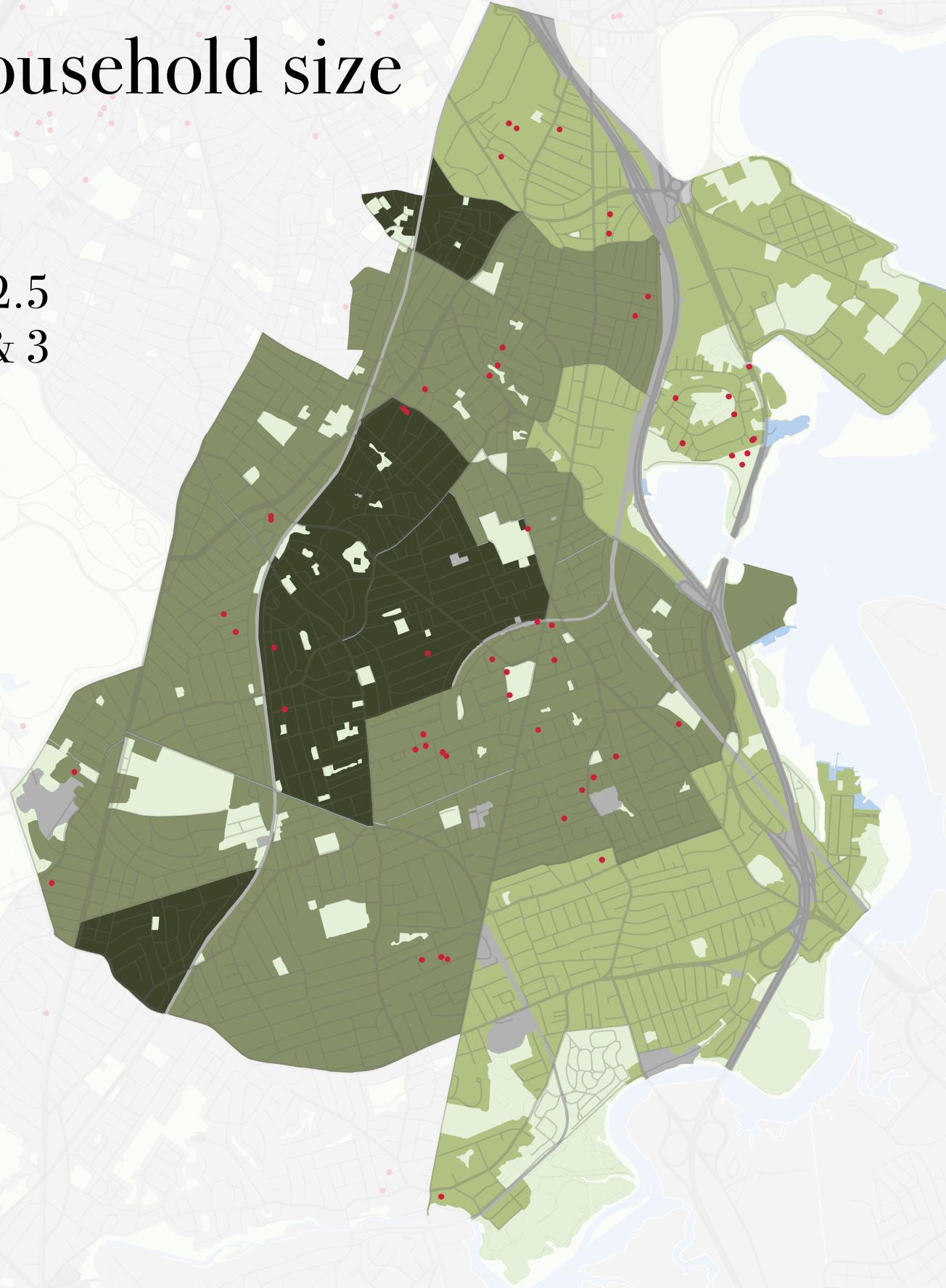
About 41,000 households.

Dorchester



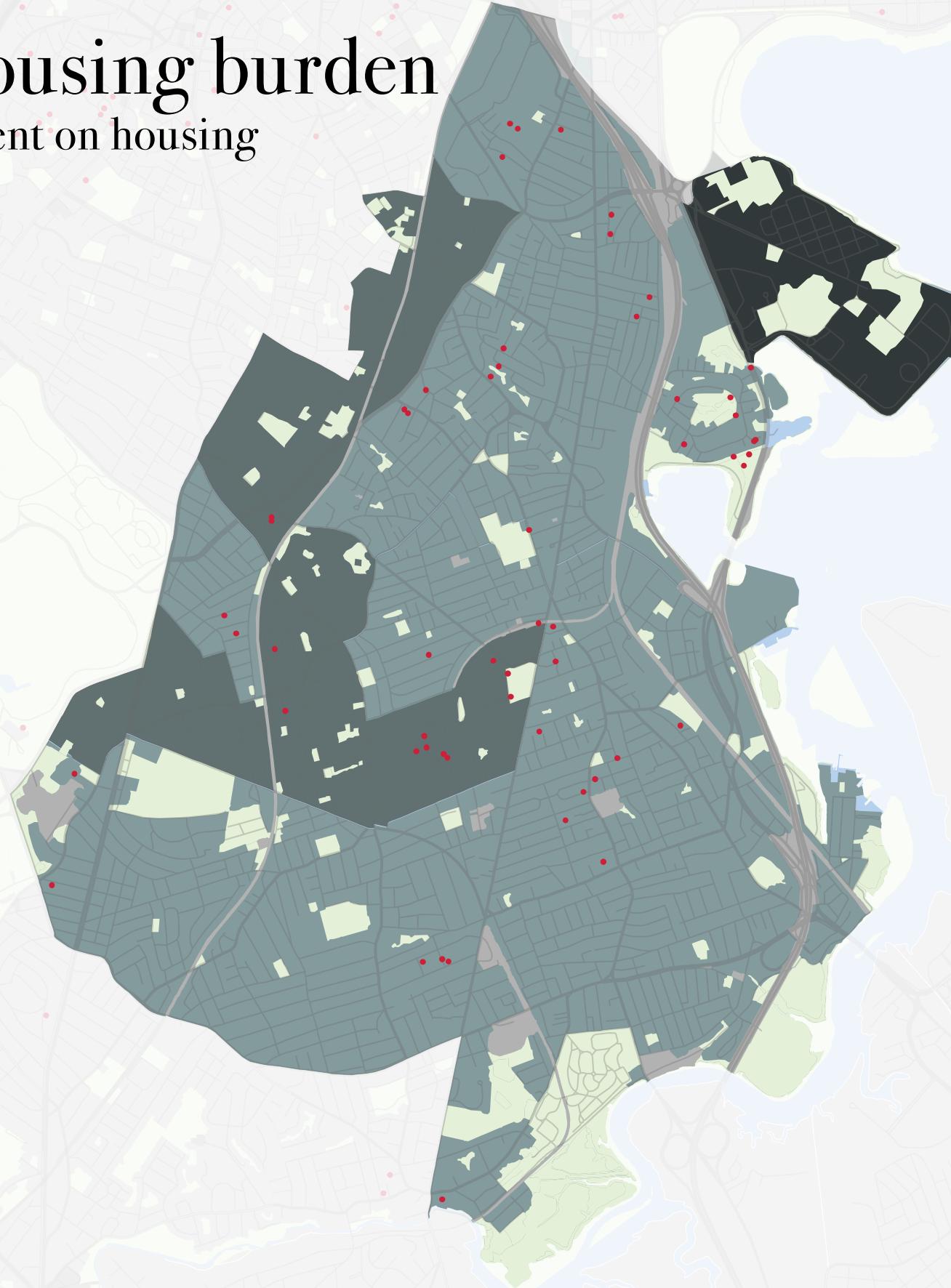
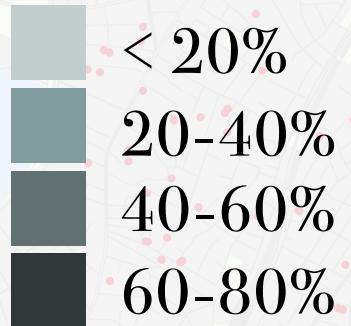
Average household size by census tract

- between 2 & 2.5
- between 2.5 & 3
- more than 3



Average housing burden

as % of income spent on housing

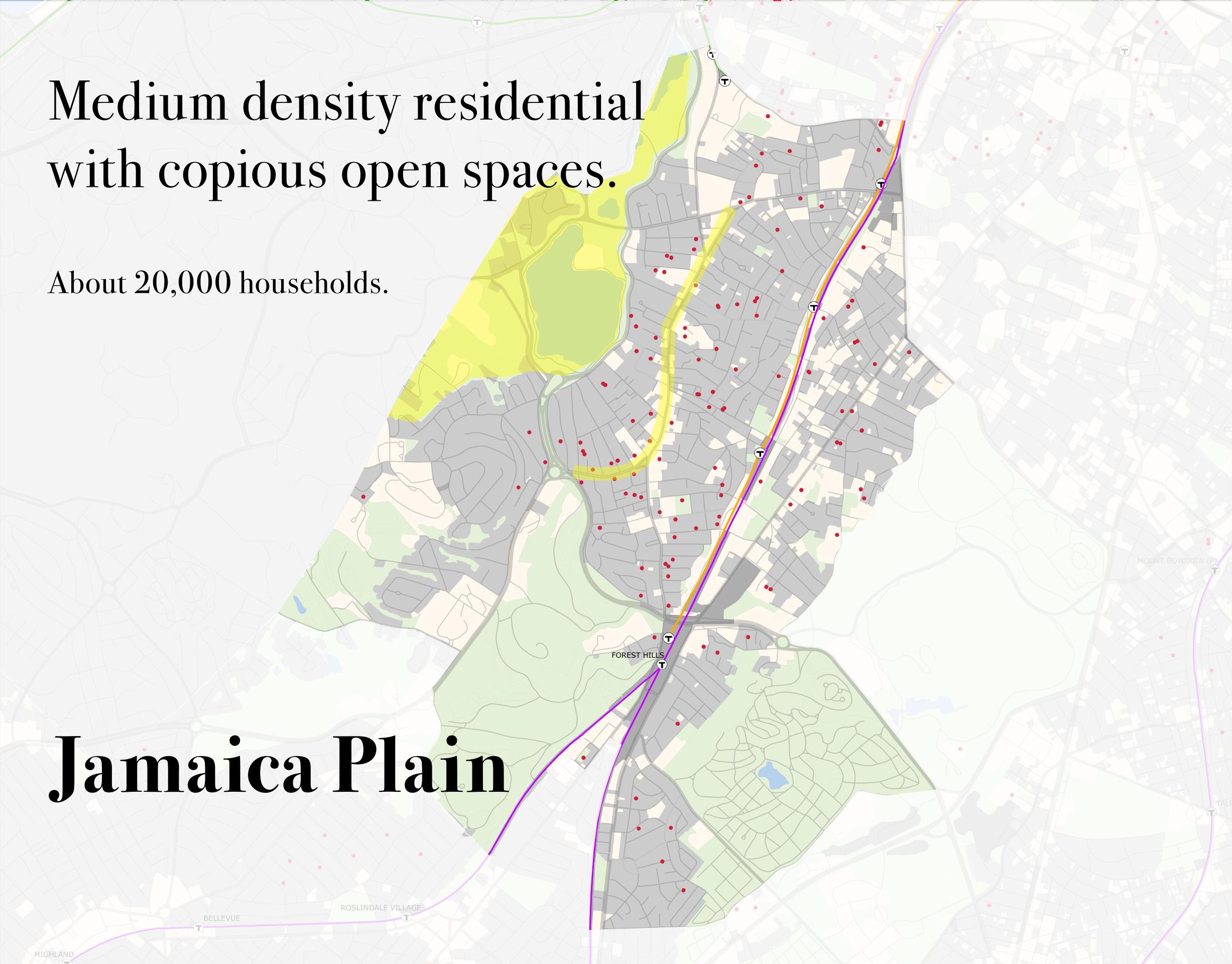


Jamaica Plain

Medium density residential
with copious open spaces.

About 20,000 households.

Jamaica Plain



Average household size by census tract

- 2 or fewer
- between 2 & 2.5
- between 2.5 & 3



Average housing burden

as % of income spent on housing

