

# **PROJECT DELIVERABLE 2**

Baystate Banner  
CS506

## **Authors:**

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Here are our updates to the Deliverable 2 checklist:

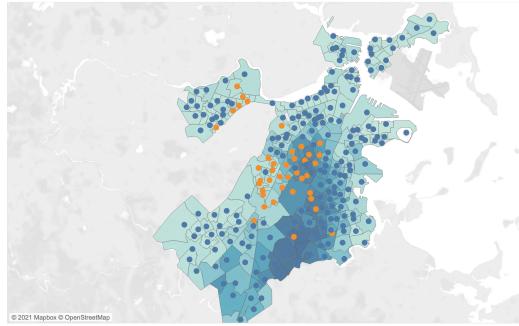
1. We are now incorporating more of the demographic data, so that is our secondary batch of data.
2. We refined our earlier submission and now included mapped results into Boston's ward precincts, a map for each race.
3. We explored the change in voter turnout by election year as the other key question, also mapped into Boston's precincts. Specifically, we explored the change in voter turnout by City Council election year, found the top 20 precincts with the greatest change, and performed some preliminary demographic analysis on these precincts. Here we found that the 2013 CC had the highest voter turnout, and the top precincts with the greatest change seem to be concentrated mostly in the Allston/Commonwealth Ave. areas of Boston.
4. Limitations: We are currently missing Mayoral 2013 data, and we still need to find income data broken down by precinct.
5. PR is submitted

In the following pages, you'll see maps under each dataset title. Each dataset represents an election, and each map is visualizing a different race compared to the election results.

## Mayoral 2017 Elections

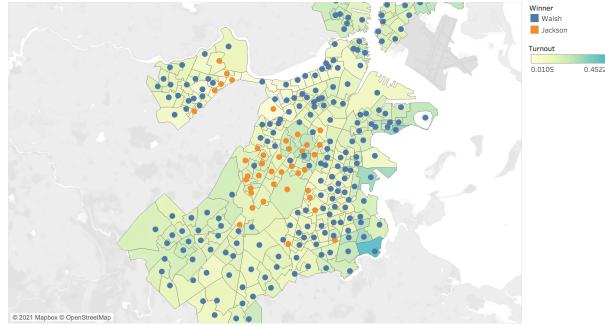
### Preliminary Race:

Mayoral 2017 Prelim Winners by Precinct (Black Population)



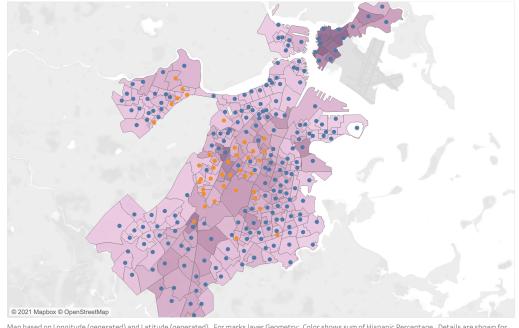
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Black Percentage. Details are shown for Ward Prec. For marks layer Winning Layer: Color shows details about Winner. Details are shown for Ward Prec.

Mayoral 2017 Prelim Winners by Precinct (Voter Turnout)



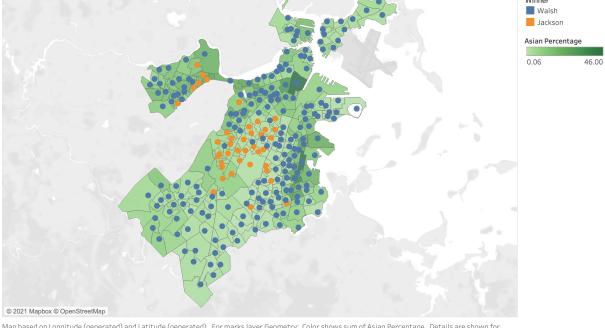
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Turnout. Details are shown for Ward Prec. For marks layer Winning Layer: Color shows details about Winner. Details are shown for Ward Prec.

Mayoral 2017 Prelim Winners by Precinct (Hispanic Population)



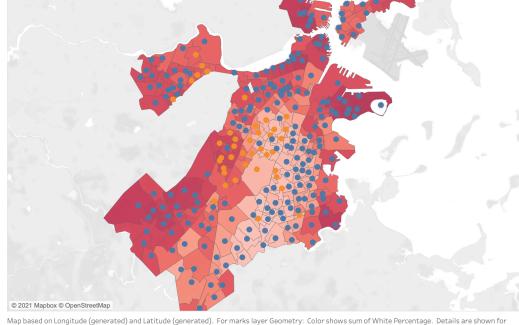
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Hispanic Percentage. Details are shown for Ward Prec. For marks layer Winning Layer: Color shows details about Winner. Details are shown for Ward Prec.

Mayoral 2017 Prelim Winners by Precinct (Asian Population)



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Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Asian Percentage. Details are shown for Ward Prec. For marks layer Winning Layer: Color shows details about Winner. Details are shown for Ward Prec.

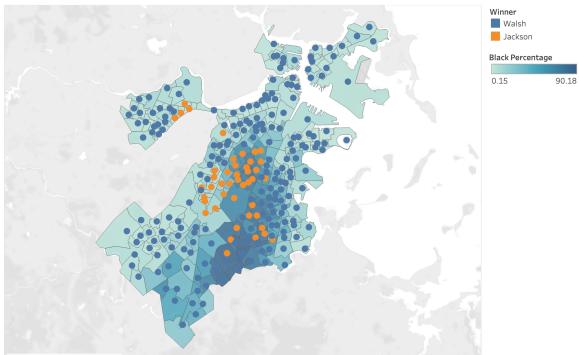
Mayoral 2017 Prelim Winners by Precinct (White Population)



© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of White Percentage. Details are shown for Ward Prec. For marks layer Winning Layer: Color shows details about Winner. Details are shown for Ward Prec.

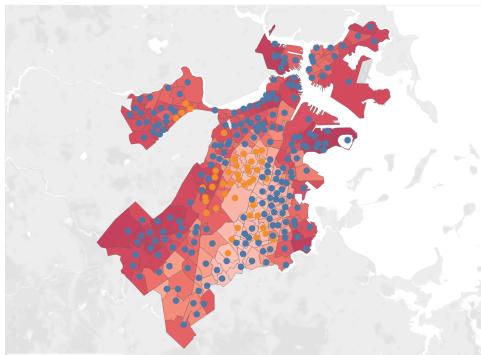
## General Race:

Mayoral 2017 General Winners by Precinct (Black Population)



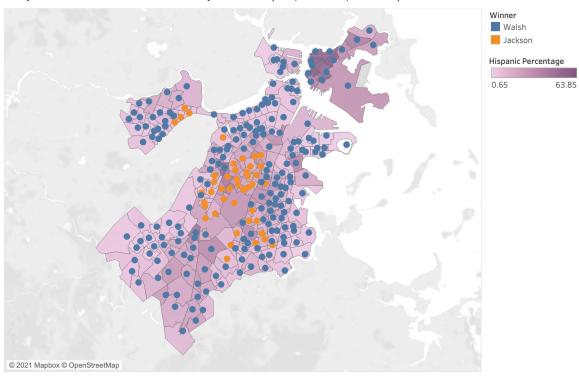
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Black Percentage. Details are shown for Ward Preci. For marks layer Geometry (2): Color shows details about Winner. Details are shown for Ward Preci.

Mayoral 2017 General Winners by Precinct (White Population)



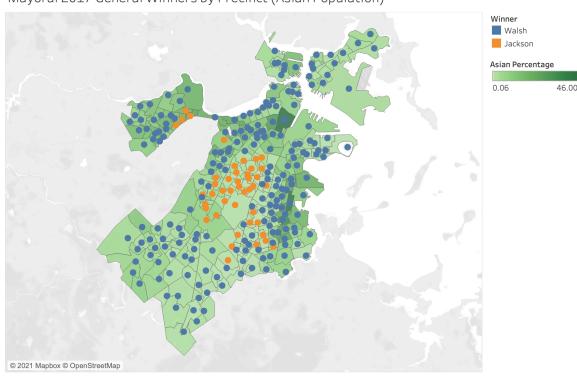
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of White Percentage. Details are shown for Ward Preci. For marks layer Geometry (2): Color shows details about Winner. Details are shown for Ward Preci.

Mayoral 2017 General Winners by Precinct (Hispanic Population)



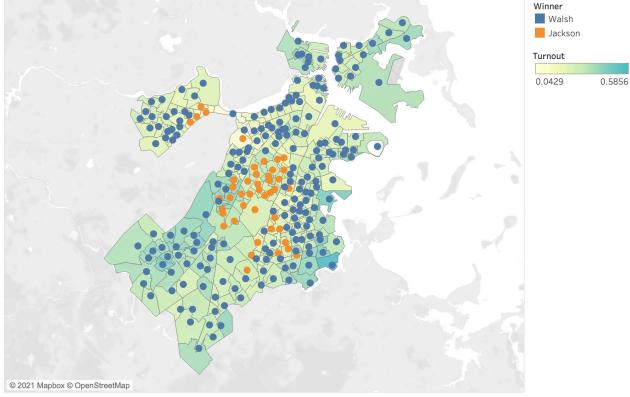
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Hispanic Percentage. Details are shown for Ward Preci. For marks layer Geometry (2): Color shows details about Winner. Details are shown for Ward Preci.

Mayoral 2017 General Winners by Precinct (Asian Population)



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Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Asian Percentage. Details are shown for Ward Preci. For marks layer Geometry (2): Color shows details about Winner. Details are shown for Ward Preci.

Mayoral 2017 General Winners by Precinct (Turnout)



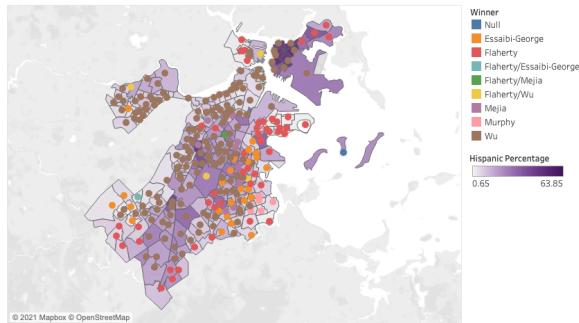
© 2021 Mapbox © OpenStreetMap  
Map based on Longitude (generated) and Latitude (generated). For marks layer Geometry: Color shows sum of Turnout. Details are shown for Ward Preci. For marks layer Geometry (2): Color shows details about Winner. Details are shown for Ward Preci.

## 2019 City Council Analysis

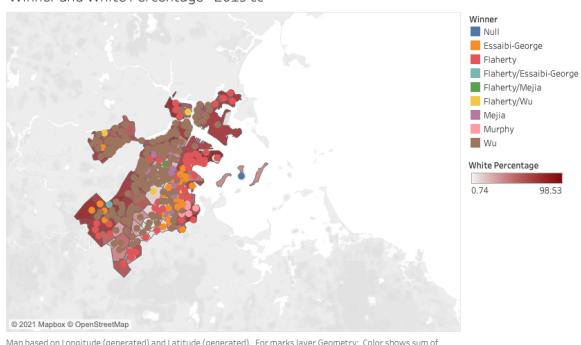
Winner and Black Percentage - 2019 cc



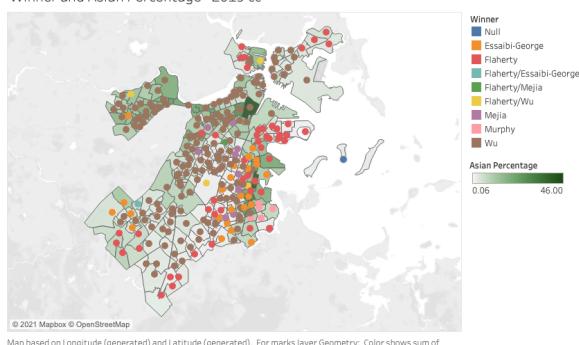
Winner and Hispanic Percentage - 2019 cc



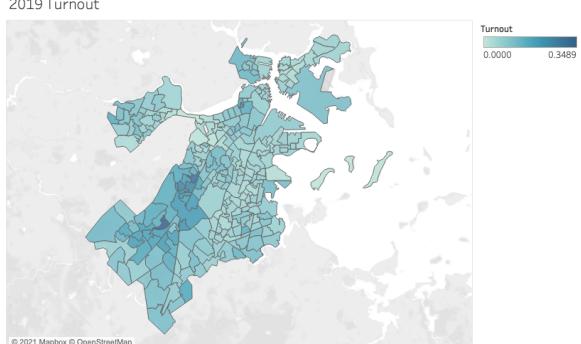
Winner and White Percentage - 2019 cc



Winner and Asian Percentage - 2019 cc

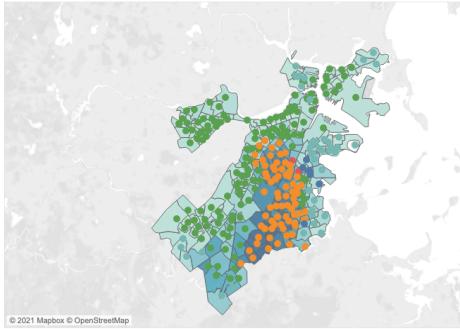


2019 Turnout

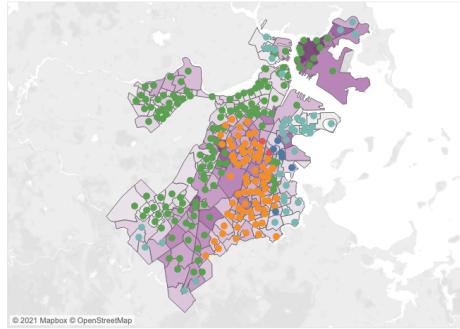


## 2017 City Council Analysis

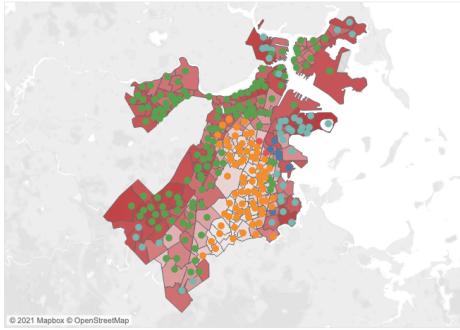
Winner and Black Percentage - 2017 cc



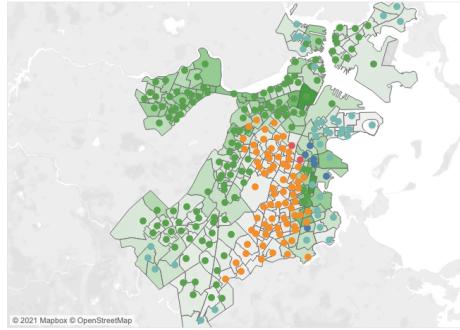
Winner and Hispanic Percentage - 2017 cc



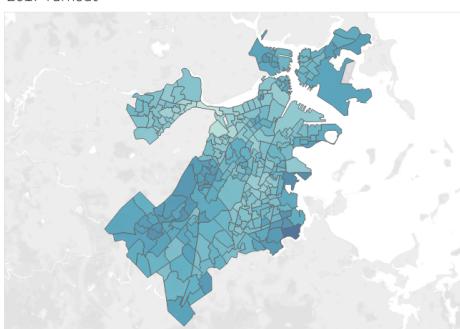
Winner and White Percentage - 2017 cc



Winner and Asian Percentage - 2017 cc

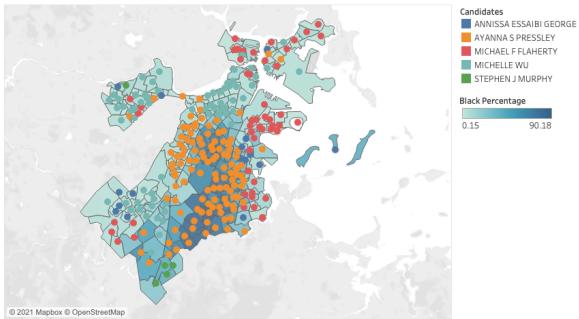


2017 Turnout

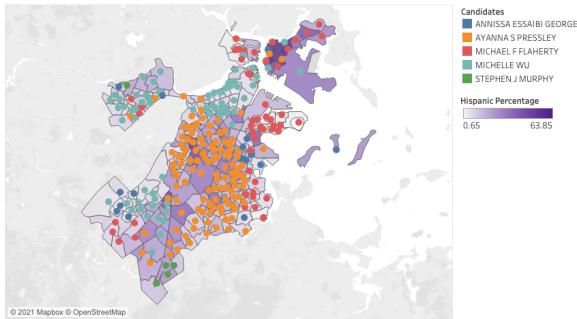


## 2015 City Council Analysis

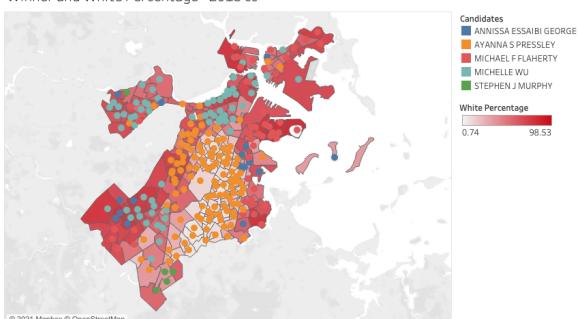
Winner and Black Percentage - 2015 cc



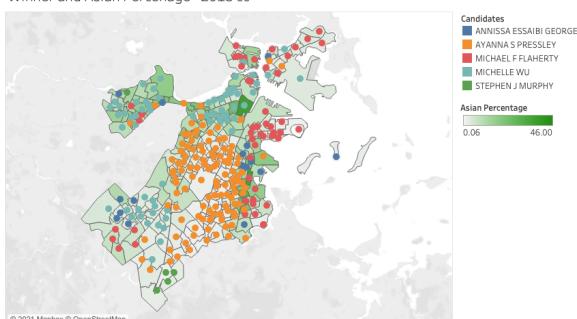
Winner and Hispanic Percentage - 2015 cc



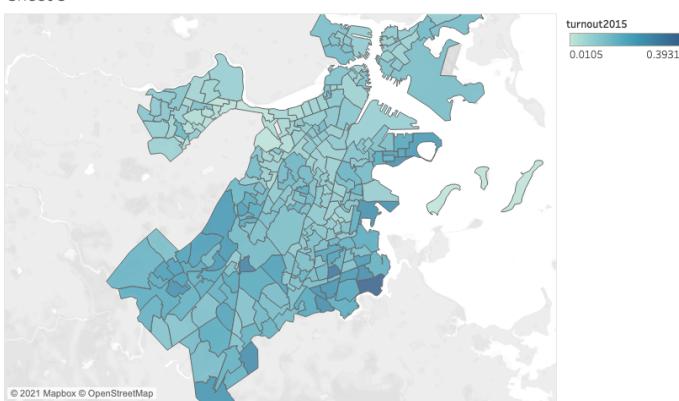
Winner and White Percentage - 2015 cc



Winner and Asian Percentage - 2015 cc



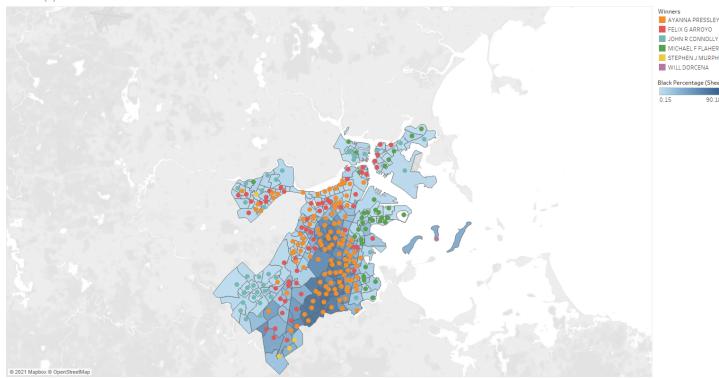
Sheet 5



## 2013 City Council Analysis

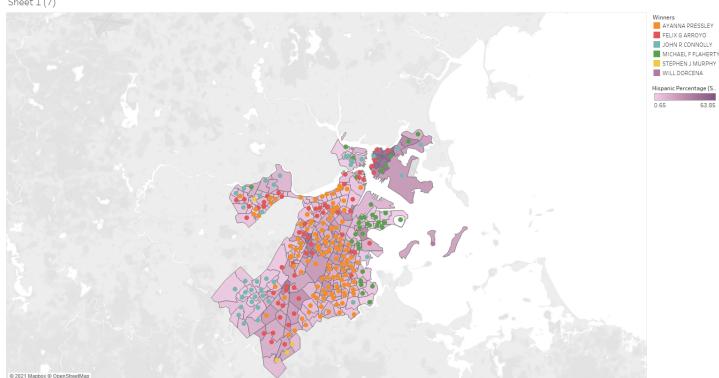
### Black Percentage & Candidates

Sheet 1 (8)



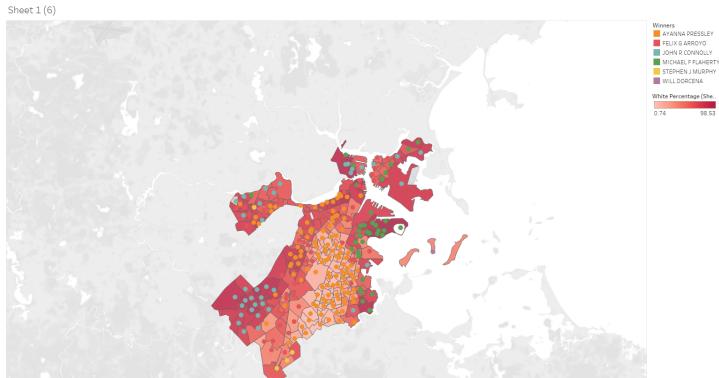
### Hispanic Percentage & Candidates

Sheet 1 (7)



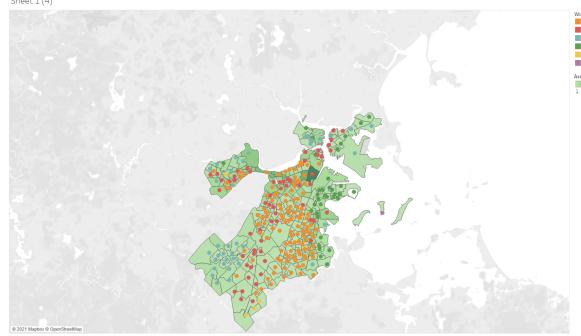
### White Percentage & Candidates

Sheet 1 (6)



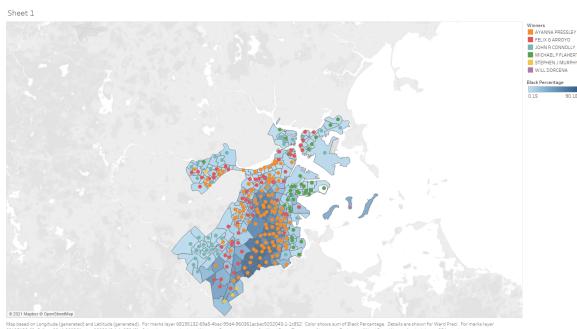
## Asian Percentage & Candidates

Sheet 1 (4)

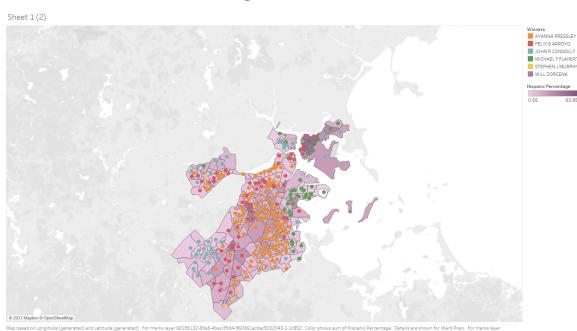


## 2011 City Council Analysis

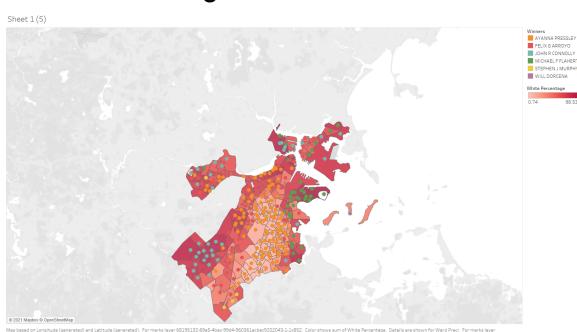
### Black Percentage & Candidates



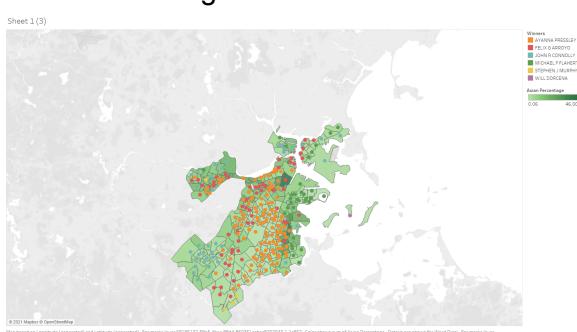
### Hispanic Percentage & Candidates



### White Percentage & Candidates

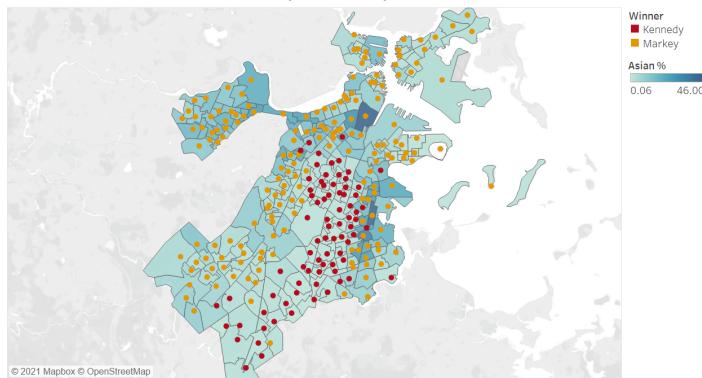


### Asian Percentage & Candidates

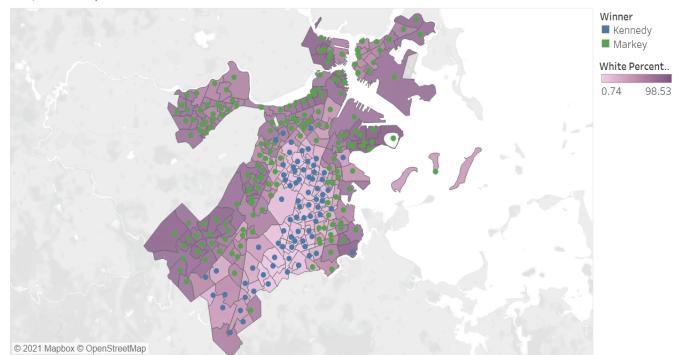


## 2020 US Senate Democratic Primary

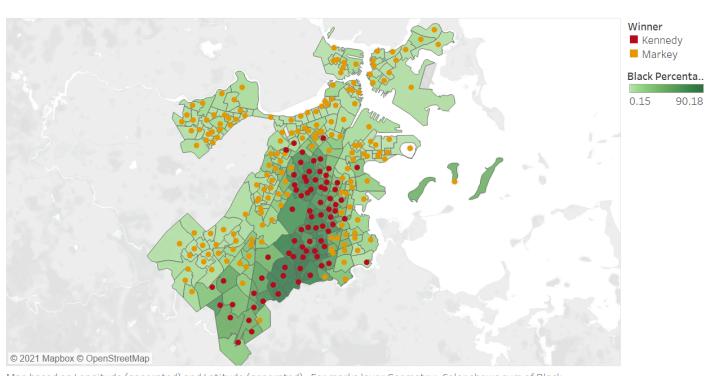
2020 US Senate Democratic Primary Winners By Precinct



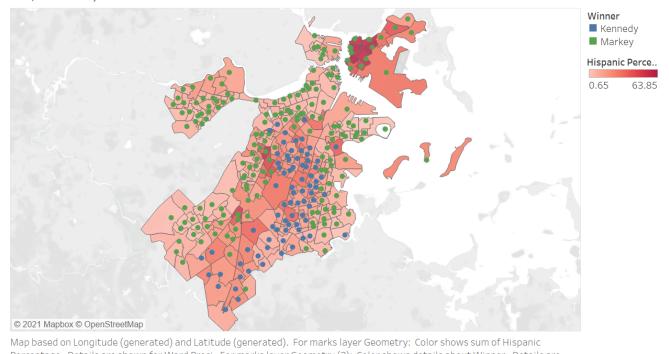
2020 US Senate Democratic Primary Winners By Precinct - (White Population)



2020 US Senate Democratic Primary Winners By Precinct - (Black Population)

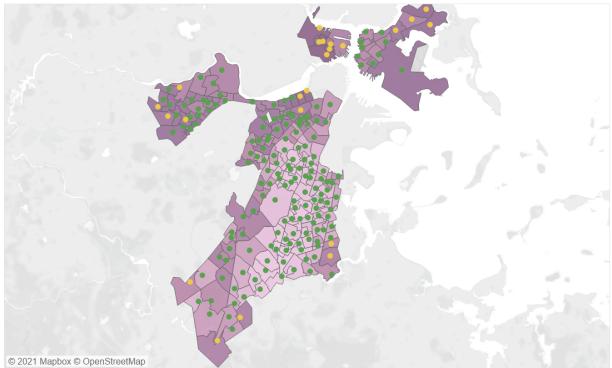


2020 US Senate Democratic Primary Winners By Precinct - (Hispanic Population)



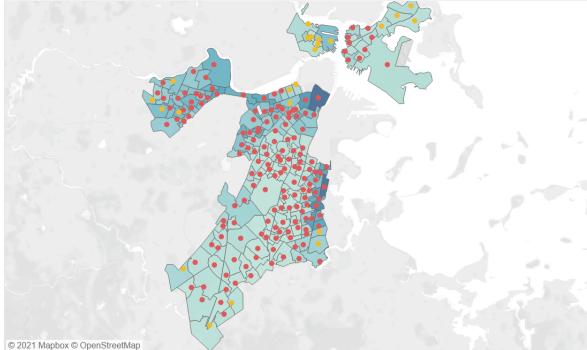
## 2018 US House Democratic Primary

2018 US House Democratic Primary - (White Population)



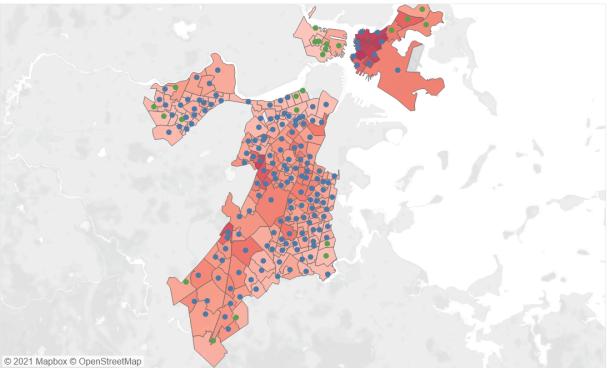
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Map based on Longitude (generated) and Latitude (generated). For marks layer Ptnts.shp: Color shows sum of White Percentage. Details are shown for Ward Prec. For marks layer Ptnts.shp (2): Color shows details about Winner. Details are shown for Ward Prec. The view is filtered on Winner, which keeps Capuano and Pressley.

2018 US House Democratic Primary - (Asian Population)



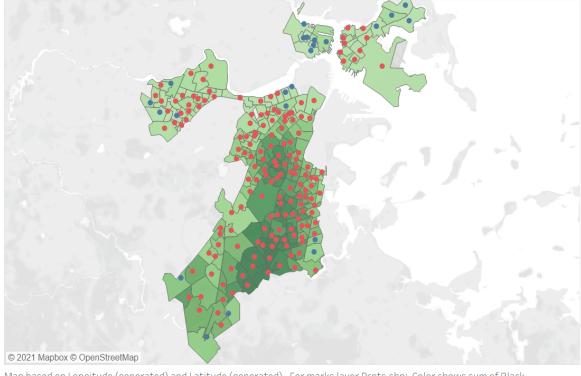
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Map based on Longitude (generated) and Latitude (generated). For marks layer Ptnts.shp: Color shows sum of Asian Percentage. Details are shown for Ward Prec. For marks layer Ptnts.shp (2): Color shows details about Winner. Details are shown for Ward Prec. The view is filtered on Winner, which keeps Capuano and Pressley.

2018 US House Democratic Primary - (Hispanic Population)



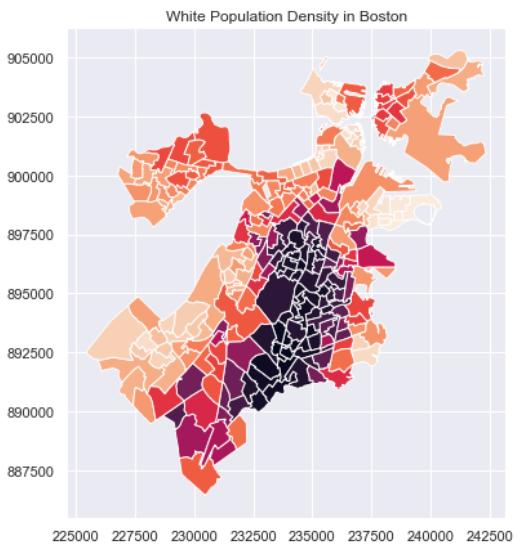
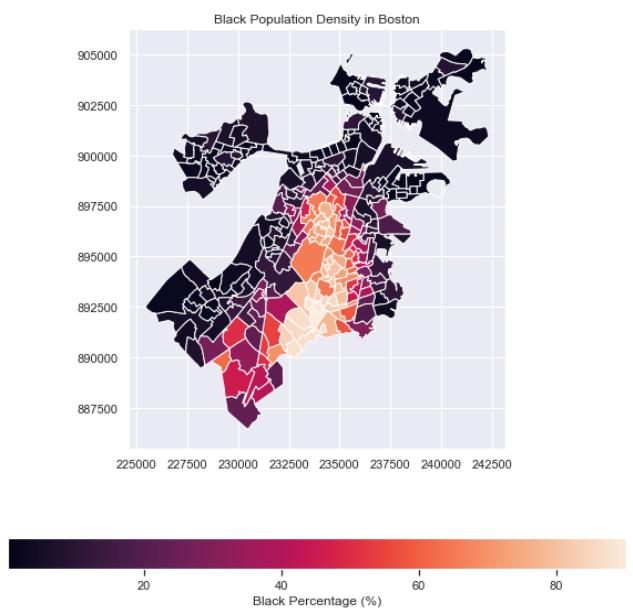
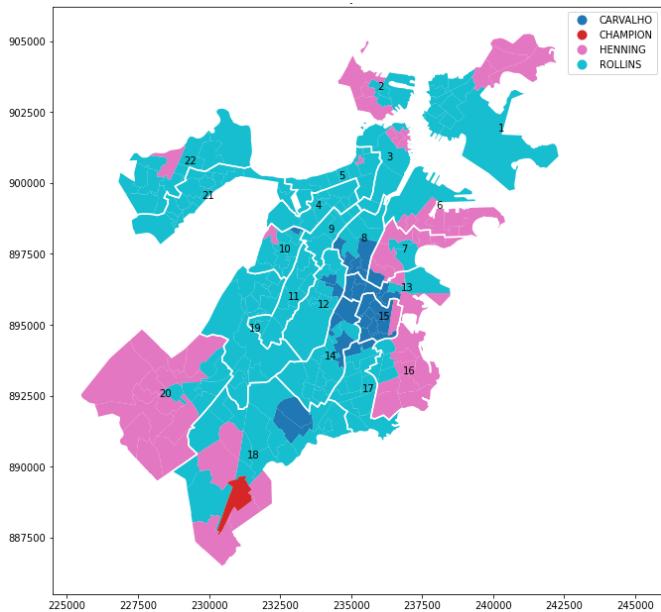
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Map based on Longitude (generated) and Latitude (generated). For marks layer Ptnts.shp: Color shows sum of Hispanic Percentage. Details are shown for Ward Prec. For marks layer Ptnts.shp (2): Color shows details about Winner. Details are shown for Ward Prec. The view is filtered on Winner, which keeps Capuano and Pressley.

2018 US House Democratic Primary - (Black Population)



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Map based on Longitude (generated) and Latitude (generated). For marks layer Ptnts.shp: Color shows sum of Black Percentage. Details are shown for Ward Prec. For marks layer Ptnts.shp (2): Color shows details about Winner. Details are shown for Ward Prec. The view is filtered on Winner, which keeps Capuano and Pressley.

## DA Race 2018



**For the City Council Turnout Analysis, we will be uploading a second document including all charts and analysis.**