

The background of the slide is a close-up, slightly blurred image of the stars and stripes of the United States flag. The stars are white and five-pointed, set against a dark blue field. The stripes are red and white, running diagonally across the bottom right corner.

# Providence, Rhode Island Redistricting - 2022

**Briefing**

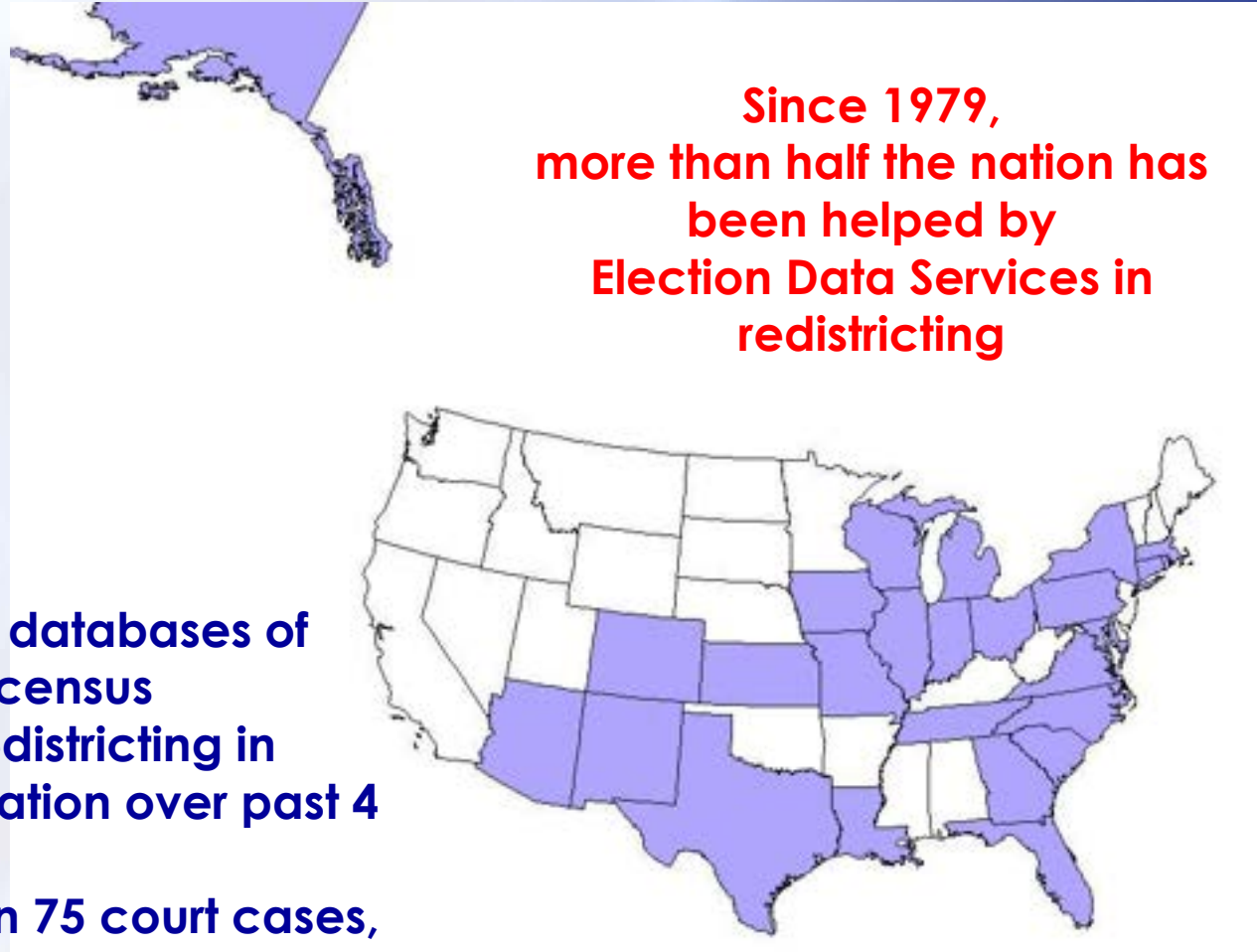
By Kimball Brace  
Election Data Services, Inc.  
February 7, 2022



# Who is Election Data Services, Inc.?

**Since 1979,  
more than half the nation has  
been helped by  
Election Data Services in  
redistricting**

- **Compiled extensive databases of election results and census demographics for redistricting in more than half the nation over past 4 apportionments**
- **Testified in more than 75 court cases, many concerning racial analysis of data**





# **Who is Kim Brace?**

## **Full History**

### **Involved in election related jobs & projects since 1972**

- **Federal, State and local clients & jurisdictions**
- **Last 4 decades done redistricting in more than half the nation**
- **Studied election results and Census data**
- **Multiple projects on election administration**

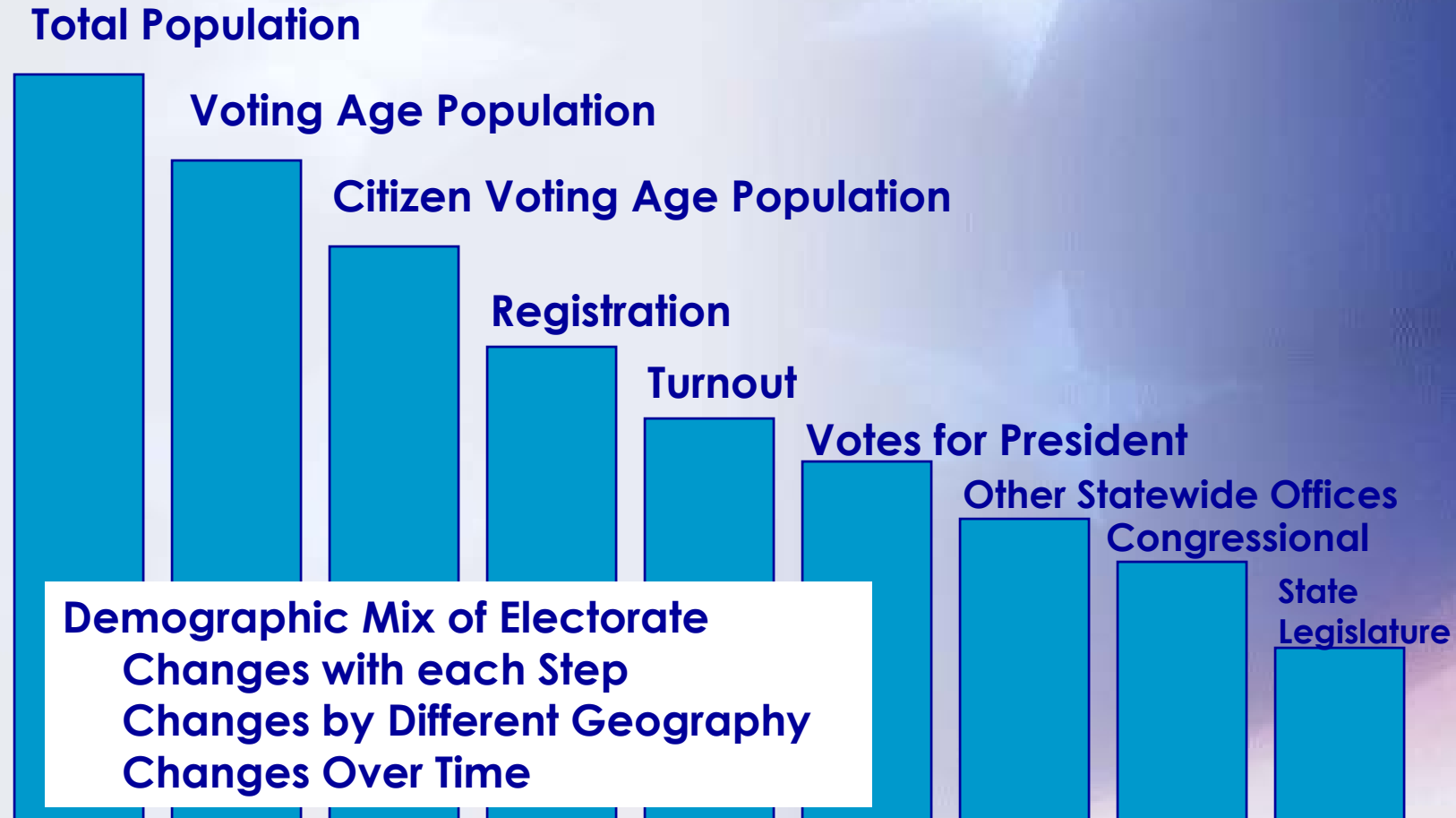


# Today's Discussion

1. Census Racial Categories
  1. How to read Census tables and data
  2. What does this tell us about Providence



# The Election Process – From a data element prospective



**Stepping Stones of the Election Process  
Play Important Part of Redistricting**



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United States™  
**Census**  
Bureau



# 2020 Census Questions on Hispanic Origin and Race

## Is this person of Hispanic, Latino, or Spanish origin?

- ☐ No, not of Hispanic, Latino, or Spanish origin
- ☐ Yes, Mexican, Mexican Am., Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, another Hispanic, Latino, or Spanish origin – *Print, for example, Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, Ecuadorian, etc.* ↴

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## What is this person's race?

Mark ☒ one or more boxes **AND** print origins.

- ☐ White – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.* ↴

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- ☐ Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.* ↴

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- ☐ American Indian or Alaska Native – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.* ↴

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- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Chinese   | <input type="checkbox"/> Vietnamese   | <input type="checkbox"/> Native Hawaiian |
| <input type="checkbox"/> Filipino  | <input type="checkbox"/> Korean   | <input type="checkbox"/> Samoan          |
| <input type="checkbox"/> Asian Indian  | <input type="checkbox"/> Japanese   | <input type="checkbox"/> Chamorro        |
| <input type="checkbox"/> Other Asian –<br><i>Print, for example, Pakistani, Cambodian, Hmong, etc.</i> ↴ | <input type="checkbox"/> Other Pacific Islander –<br><i>Print, for example, Tongan, Fijian, Marshallese, etc.</i> ↴ |  |

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- ☐ Some other race – *Print race or origin.* ↴

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Can check off up to 6 choices



The background of the slide is a close-up, slightly blurred image of the American flag, showing the stars and stripes in shades of blue, white, and red.

# **Understanding Census Racial Data**

**How it can be used in  
Redistricting**



## Providence Wards with 2020 Census Data (including Allocated Inmates)

	Pre-allocation	Post-allocation
Number of Members	15	15
Ideal District Size (Target)	12,729	12,754
Acceptable Deviation	10.0%	10.0%
Overall Deviation Window	1,273	1,275
One-sided Deviation Window	636	638
High Range (Raw Numbers)	13,365	13,392
High Range (Percentages)	5.0%	5.0%
Low Range (Raw Numbers)	12,092	12,116
Low Range (Percentages)	-5.0%	-5.0%

Citywide Population

190,934

191,309

Analysis based on preliminary district definitions in Census Bureau files.  
District boundaries have not been verified.

### Guide

Total Population, also shown as PopTot or  
Pop = TAPersons in tables  
VAP = Voting Age Population, also VAPTot  
WH = White  
BL= Black, or African American  
AS= Asian  
NA, or AI= Native American or American Indian  
PI= Pacific Islander  
OT= Some Other Race  
Hisp= Hispanic  
NH= Non-Hispanic  
XX= More than one Race  
P= Percentage  
\_A= Race Alone  
\_C= Combo  
\_W= OMB interpretation

### Tables

Total Population

1, 2, & 3

Voting Age Population

4, 5 & 6

Race Alone

1 & 4

Combo

2 & 5

OMB Interpretation

3 & 6

No Hispanic category

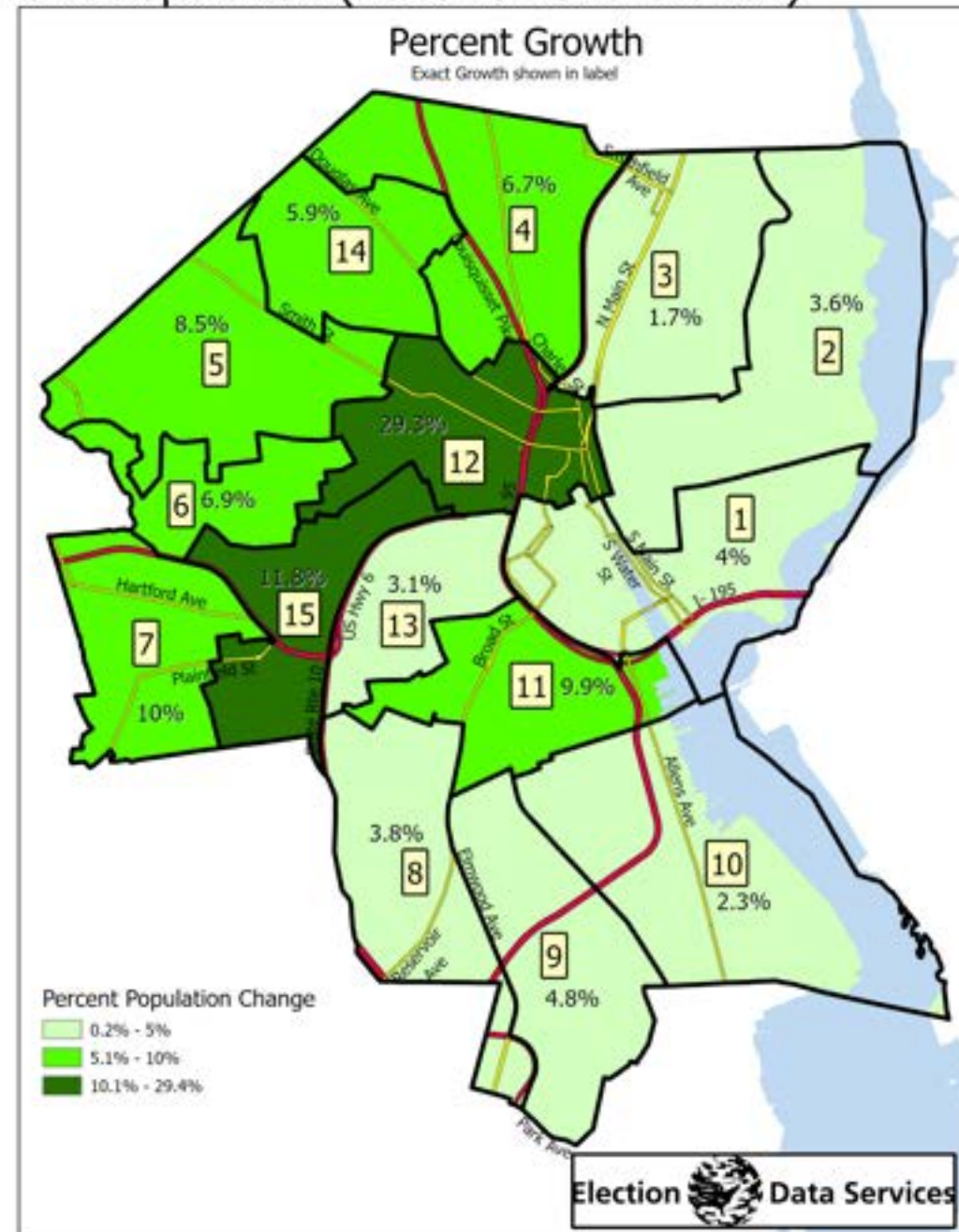
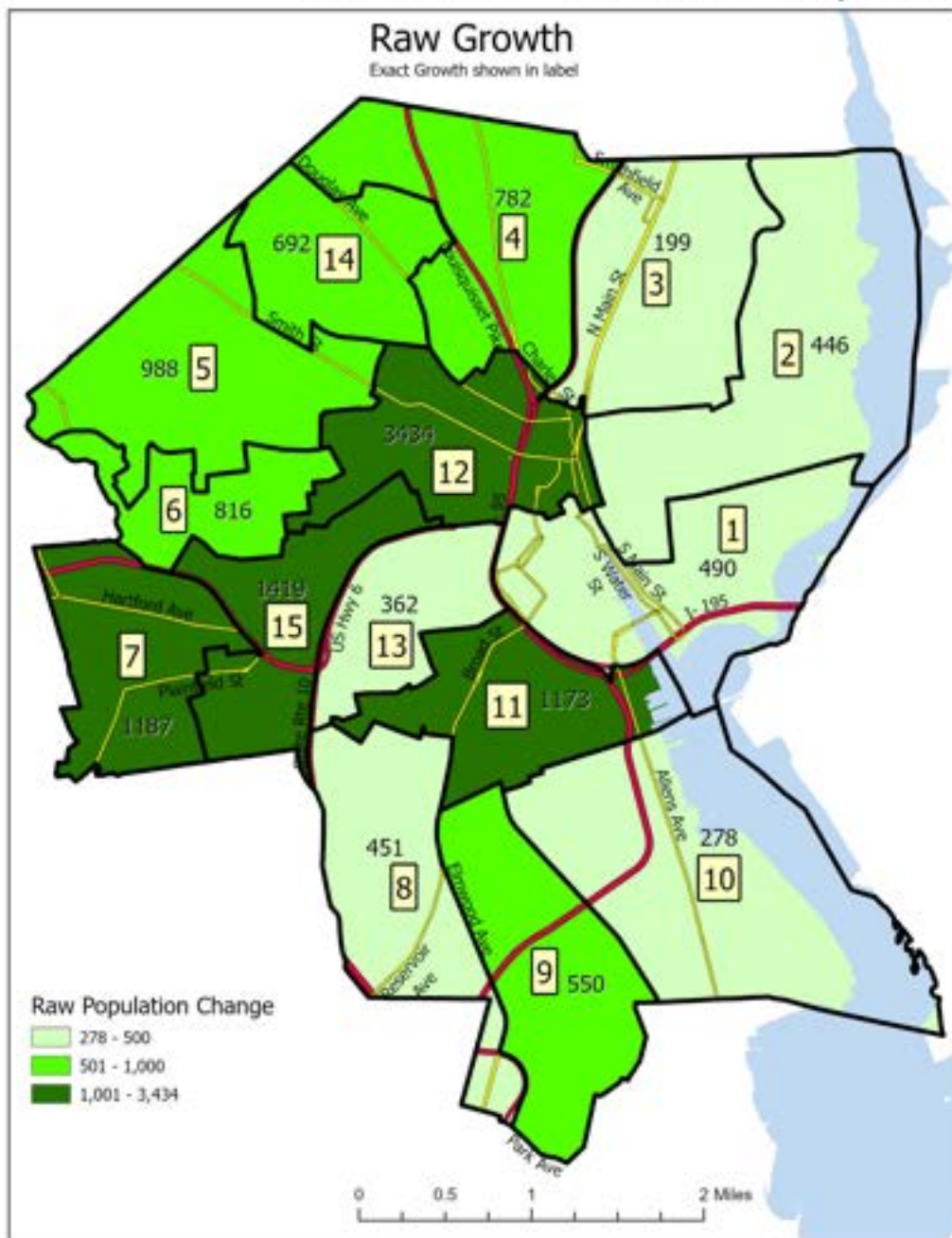
Single digit tables

Hispanic category

"A" tables

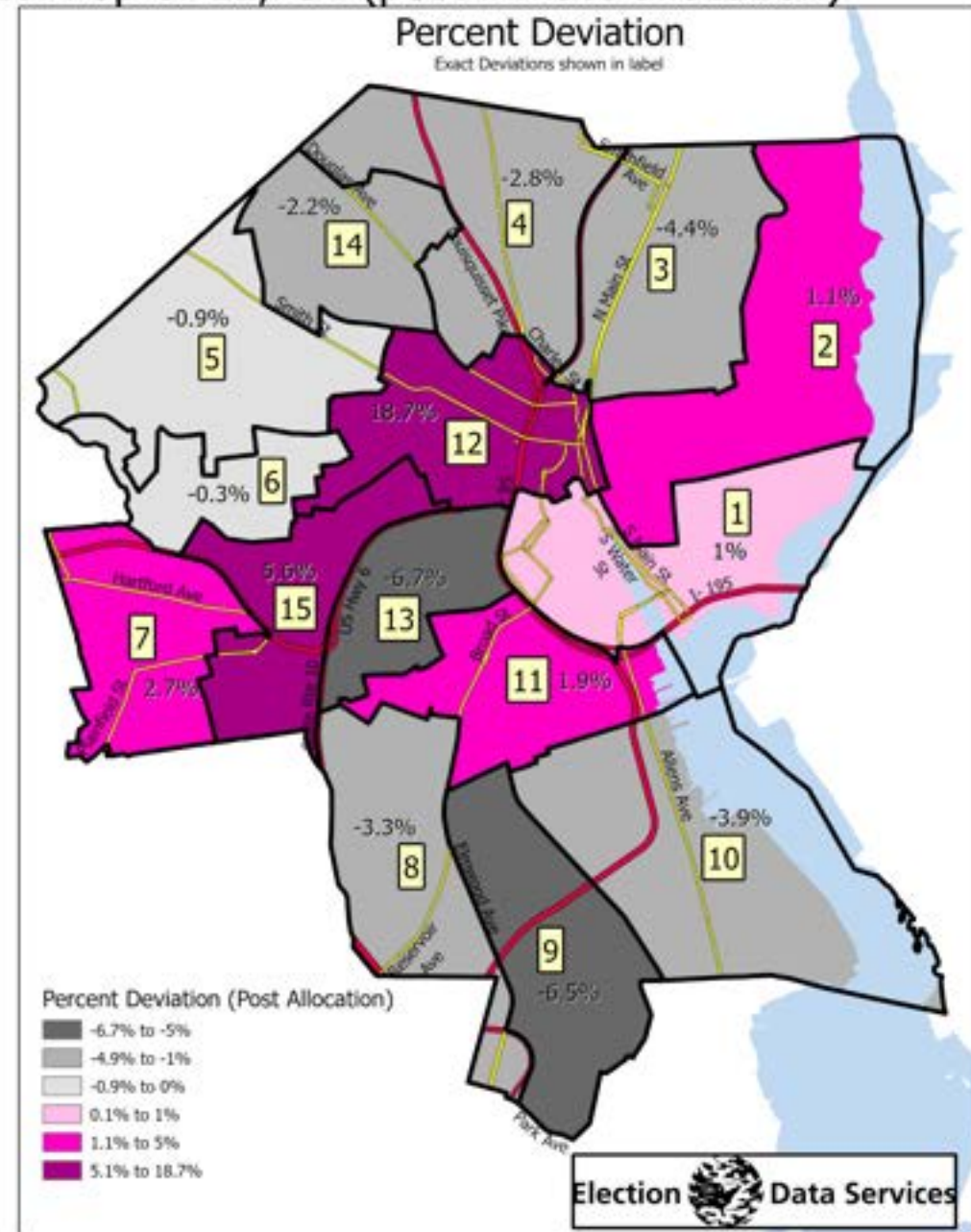
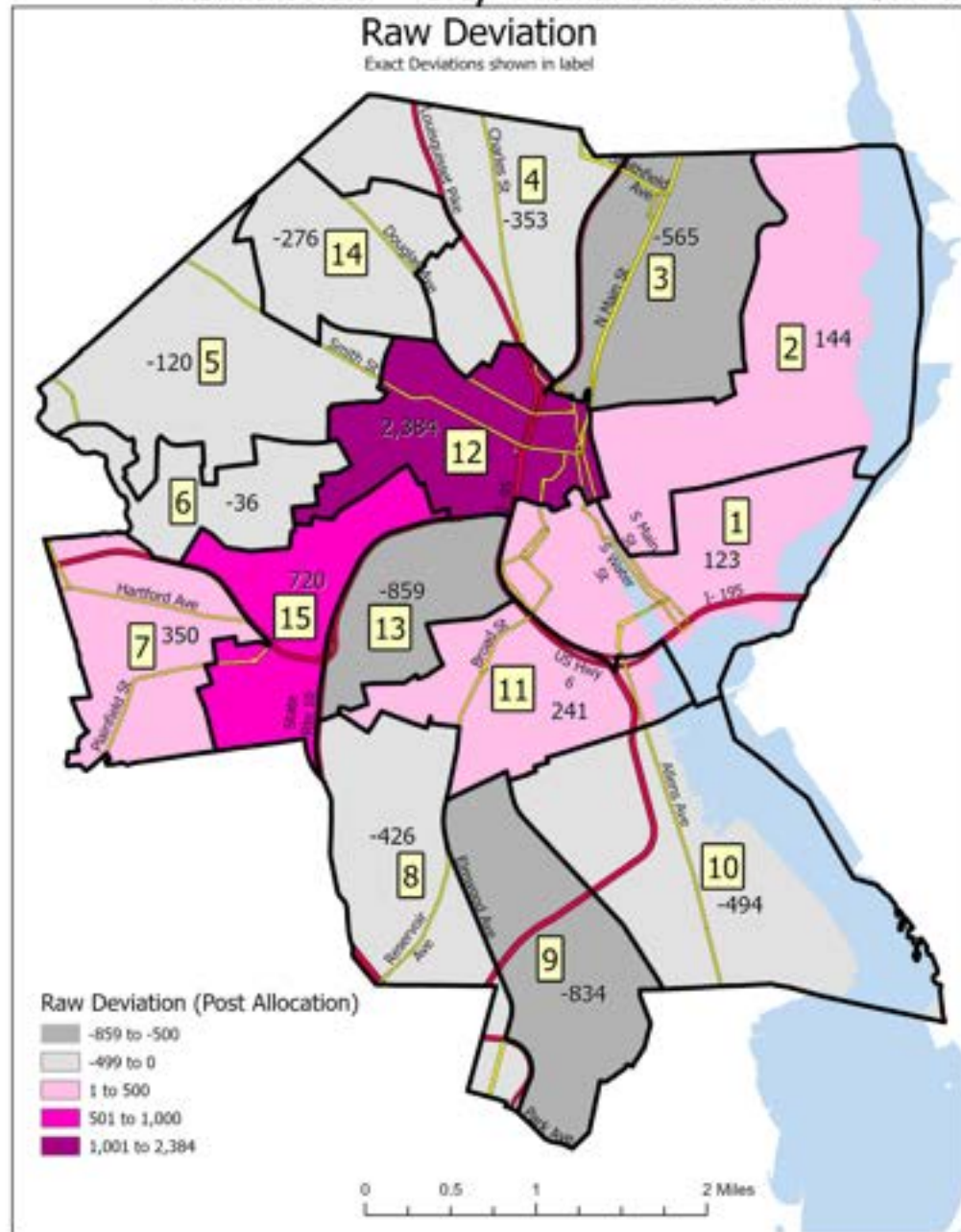


# Providence - Growth in City Ward Total Population (2010 to 2020 Census)





# Providence - City Ward Deviation from Ideal Pop of 12,754 (post inmate allocation)





# Race Data -- Decision on use

	White	Black	American Indian & Alaska Native	Asian	Hawaiian & Pacific Islander	Some Other Race	Two or More Races	TOTAL	Hispanic	TOTAL PERCENT
Total Population										
Race Alone	41.97%	36.77%	0.36%	4.35%	0.06%	13.58%	2.92%	100.00%		
Non Hispanic Race Alone	31.32%	36.39%	0.15%	4.30%	0.03%	0.15%	1.64%		26.02%	100.00%
Race Combined (Max)	44.28%	37.44%	0.72%	4.85%	0.16%	15.62%	0.00%	103.07%		
Non Hispanic Race Combined (Max)	32.57%	36.88%	0.40%	4.73%	0.09%	1.05%	0.00%		26.02%	101.74%
Race Combined (OMB)	41.97%	37.00%	0.47%	4.60%	0.08%	15.16%	0.00%	99.28%		
Non Hispanic Race Combined (OMB)	31.32%	36.57%	0.23%	4.53%	0.05%	0.81%	0.00%		26.02%	99.53%
Voting Age Population										
Race Alone	46.22%	34.09%	0.33%	4.79%	0.06%	11.86%	2.65%	100.00%		
Non Hispanic Race Alone	36.72%	33.77%	0.15%	4.75%	0.03%	0.14%	1.60%		22.83%	100.00%
Race Combined (Max)	48.32%	34.62%	0.68%	5.24%	0.16%	13.76%	0.00%	102.78%		
Non Hispanic Race Combined (Max)	37.93%	34.19%	0.41%	5.15%	0.09%	1.09%	0.00%		22.83%	101.69%
Race Combined (OMB)	46.22%	34.24%	0.44%	5.01%	0.08%	13.36%	0.00%	99.35%		
Non Hispanic Race Combined (OMB)	36.72%	33.88%	0.23%	4.95%	0.05%	0.86%	0.00%		22.83%	99.53%



## For Rhode Island

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# 2010 Census

	Total Population	White	Black	American Indian & Alaskan Native	Asian	Hawaiian & Pacific Islander	Some other race	Two or more races	Total	Hispanic	Total
1	Race Alone	49.78%	16.04%	1.35%	6.39%	0.12%	19.78%	6.53%	100.00%		
1a	Non-Hispanic Race Alone	37.58%	13.14%	0.69%	6.26%	0.05%	0.97%	3.21%		38.10%	100.00%
2	Race Combined (Max)	54.05%	19.38%	2.94%	7.37%	0.43%	23.04%		107.21%		
2a	Non-Hispanic Race Combined (Max)	39.57%	15.19%	1.72%	7.04%	0.19%	1.74%			38.10%	103.56%
3	Race Combined (OMB)	49.78%	17.33%	1.67%	6.98%	0.17%	21.33%		97.26%		
3a	Non-Hispanic Race Combined (OMB)	37.58%	13.95%	0.90%	6.82%	0.08%	1.09%			38.10%	98.53%
	Voting Age Population	White	Black	American Indian & Alaskan Native	Asian	Hawaiian & Pacific Islander	Some other race	Two or more races	Total	Hispanic	Total
4	Race Alone	54.64%	14.64%	1.18%	6.74%	0.12%	17.37%	5.29%	100.00%		
4a	Non-Hispanic Race Alone	44.11%	12.26%	0.62%	6.64%	0.05%	0.90%	2.67%		32.75%	100.00%
5	Race Combined (Max)	58.00%	17.17%	2.54%	7.62%	0.40%	20.07%		105.80%		
5a	Non-Hispanic Race Combined (Max)	45.67%	13.84%	1.55%	7.35%	0.20%	1.59%			32.75%	102.94%
6	Race Combined (OMB)	54.64%	15.49%	1.48%	7.27%	0.16%	18.66%		97.71%		
6a	Non-Hispanic Race Combined (OMB)	44.11%	12.75%	0.84%	7.14%	0.09%	1.01%			32.75%	98.69%

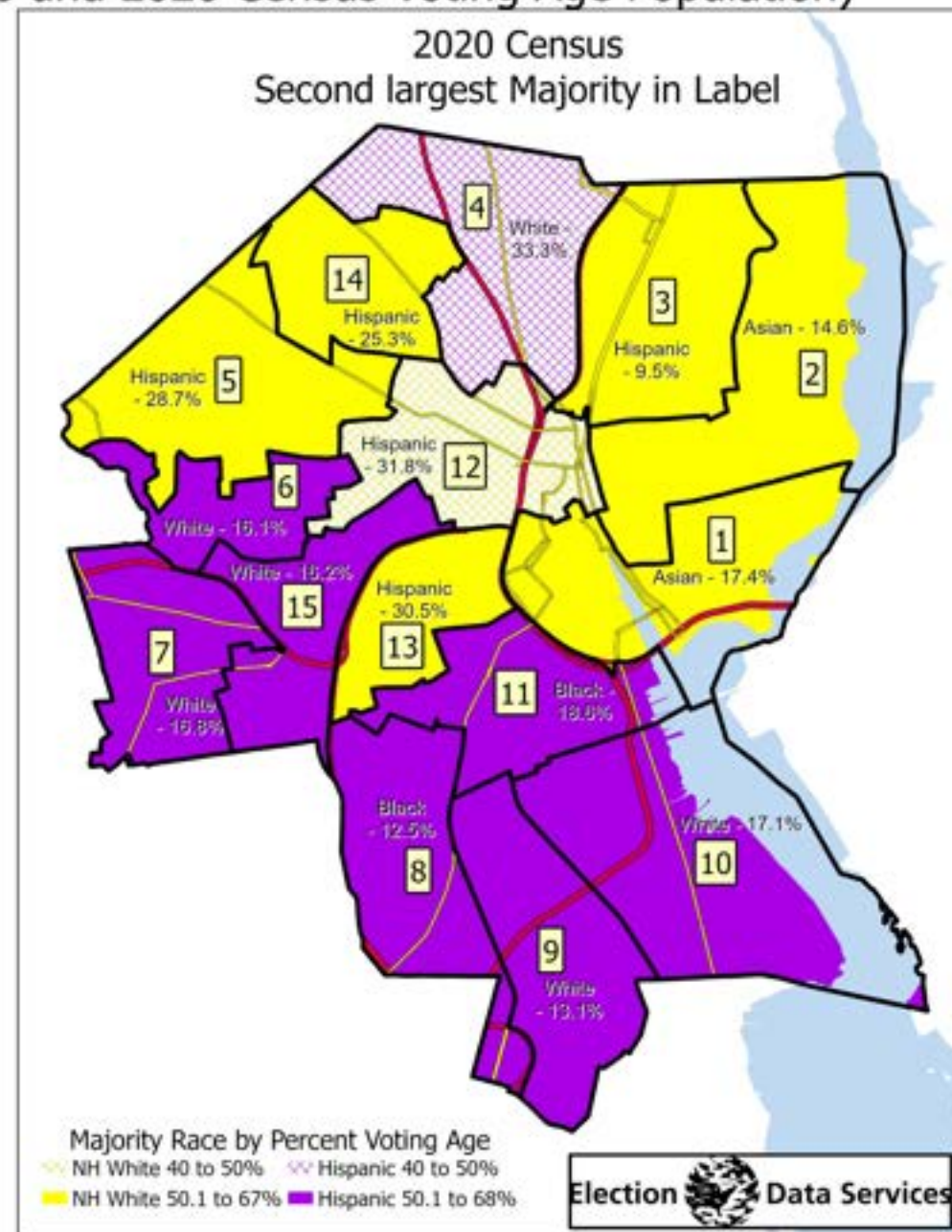
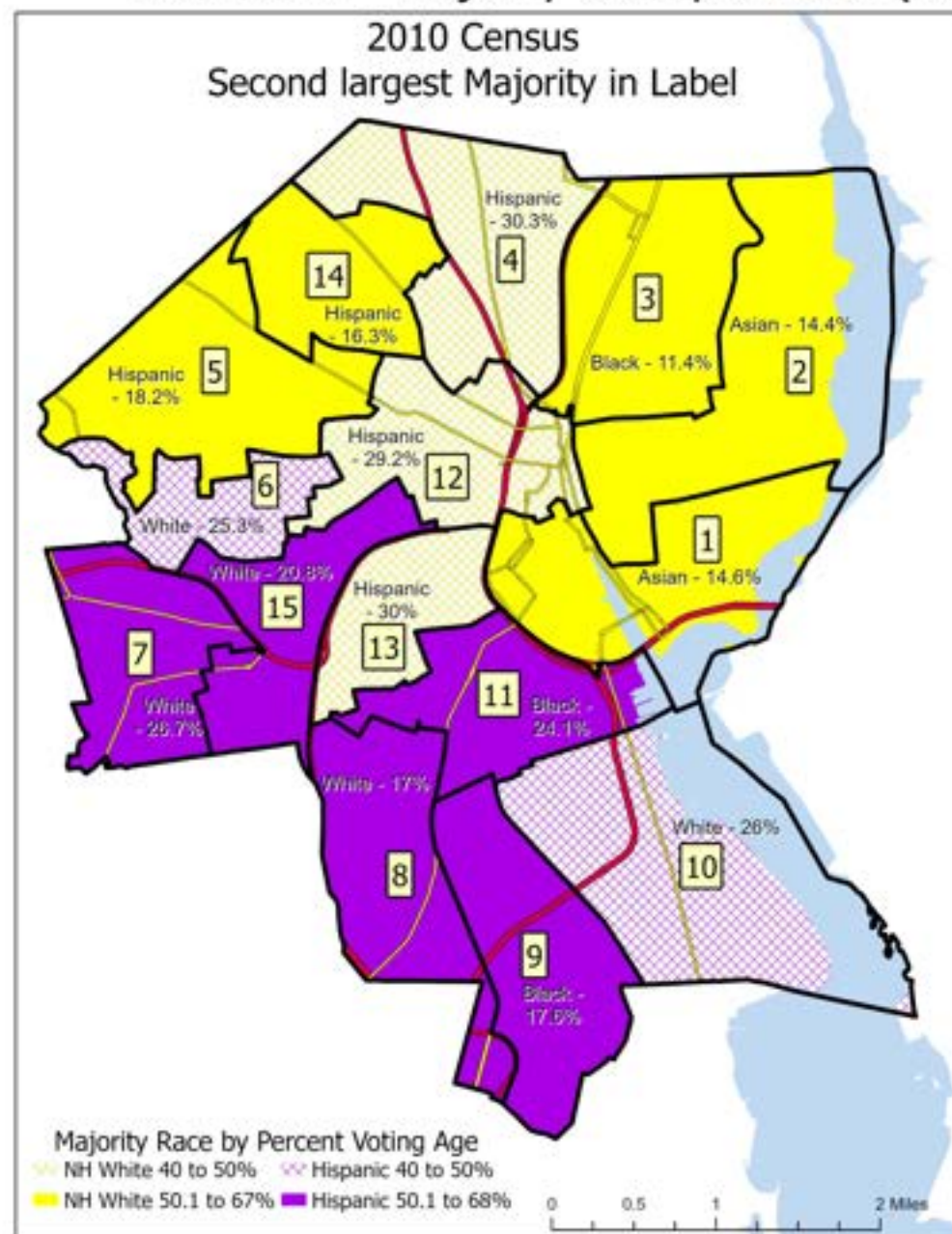


# 2020 Census

	Total Population	White	Black	American Indian & Alaskan Native	Asian	Hawaiian & Pacific Islander	Some other race	Two or more races	Total	Hispanic	Total
1	Race Alone	37.71%	13.54%	1.54%	6.05%	0.08%	26.91%	14.17%	100.00%		
1a	Non-Hispanic Race Alone	32.43%	11.75%	0.47%	5.95%	0.03%	1.13%	4.33%		43.90%	100.00%
2	Race Combined (Max)	47.75%	19.09%	3.39%	7.08%	0.34%	37.88%		115.52%		
2a	Non-Hispanic Race Combined (Max)	35.22%	14.46%	1.55%	6.83%	0.12%	2.85%			43.90%	104.93%
3	Race Combined (OMB)	37.71%	17.10%	2.46%	6.28%	0.29%	30.41%		94.25%		
3a	Non-Hispanic Race Combined (OMB)	32.43%	13.20%	0.99%	6.08%	0.09%	2.15%			43.90%	98.84%
	Voting Age Population	White	Black	American Indian & Alaskan Native	Asian	Hawaiian & Pacific Islander	Some other race	Two or more races	Total	Hispanic	Total
4	Race Alone	41.68%	12.88%	1.41%	6.64%	0.07%	24.36%	12.96%	100.00%		
4a	Non-Hispanic Race Alone	37.14%	11.32%	0.47%	6.57%	0.04%	1.03%	3.91%		39.52%	100.00%
5	Race Combined (Max)	50.82%	17.75%	3.11%	7.49%	0.33%	34.60%		114.09%		
5a	Non-Hispanic Race Combined (Max)	39.60%	13.70%	1.48%	7.31%	0.12%	2.68%			39.52%	104.41%
6	Race Combined (OMB)	41.68%	16.15%	2.25%	6.81%	0.29%	27.64%		94.82%		
6a	Non-Hispanic Race Combined (OMB)	37.14%	12.68%	0.95%	6.67%	0.10%	2.02%			39.52%	99.07%



# Providence - Majority Race per Ward (2010 and 2020 Census Voting Age Population)





***Thank you***



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