

The background of the slide is a close-up, slightly blurred view of the stars and stripes of the United States flag. The stars are white and set against a blue field, while the stripes are red and white. The lighting is dramatic, with some stars appearing brighter than others.

# Providence, Rhode Island Redistricting - 2022

**Briefing**

By Kimball Brace  
Election Data Services, Inc.  
February 14, 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 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

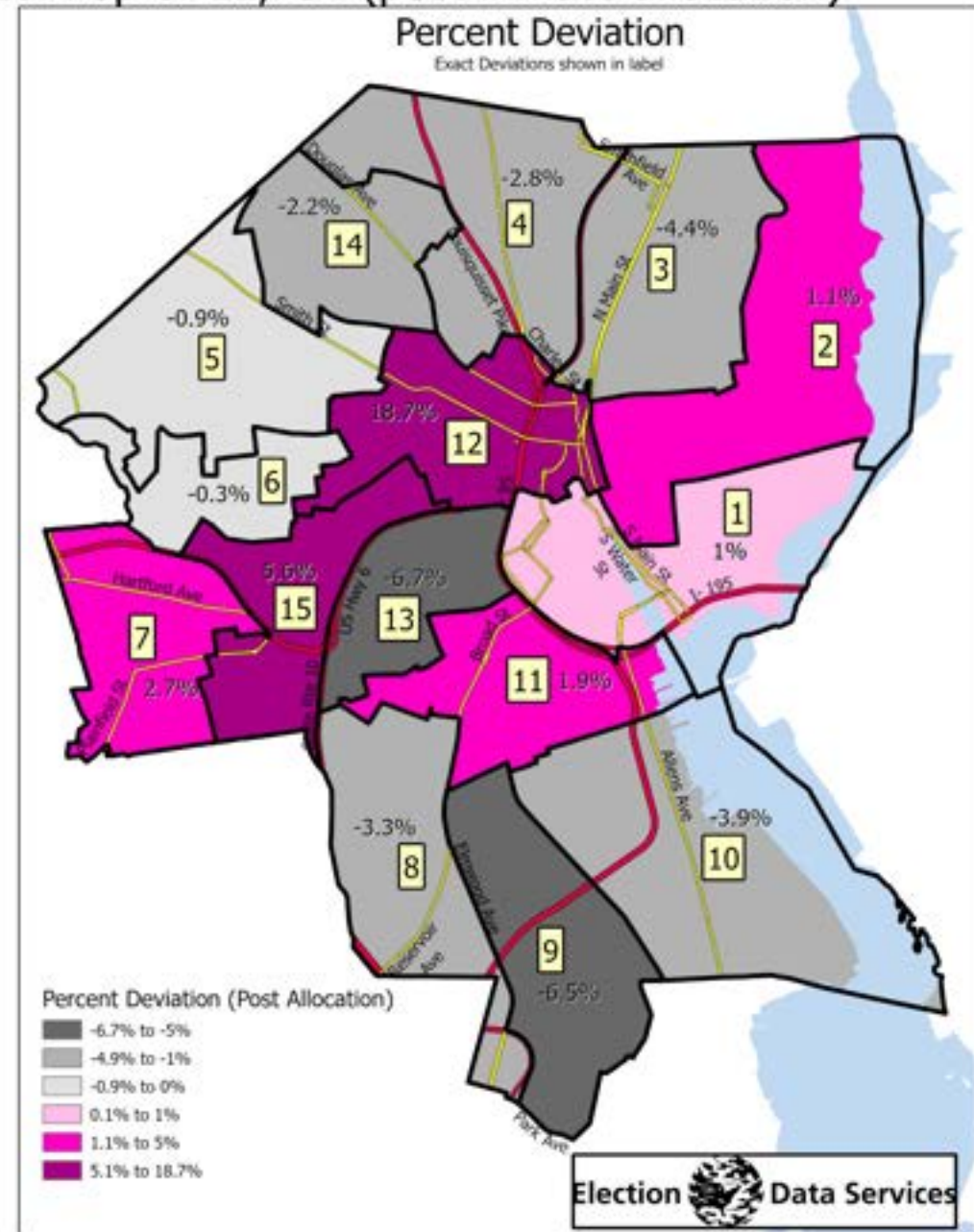
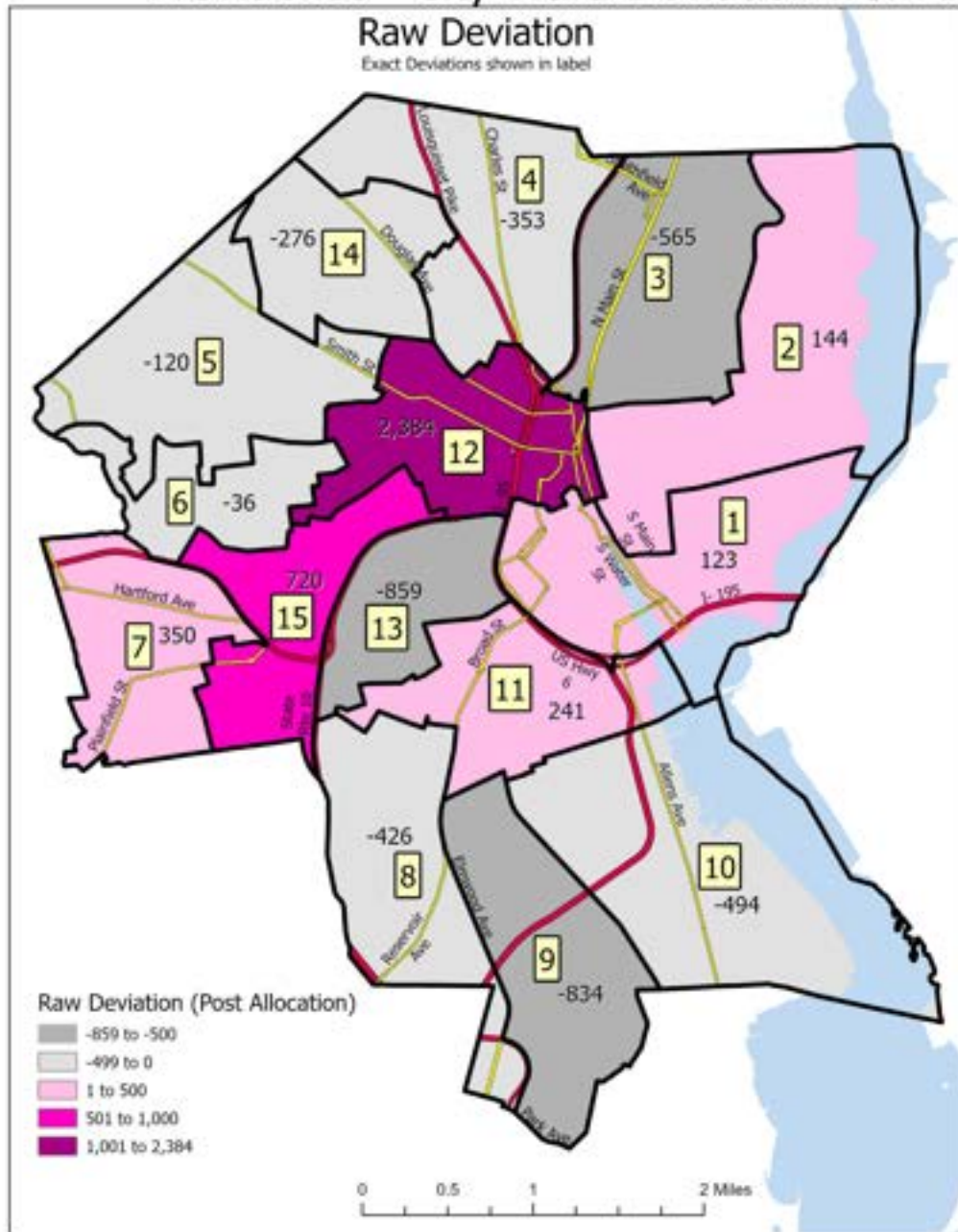
Total Population, also shown as PopTot or  
Pop = TAPersons in tables  
VAP = Voting Age Population, also VAPTot  
WH = White  
BL= Black, or African American  
AS= Asian  
NA, or AI= Native American or American Indian  
PI= Pacific Islander  
OT= Some Other Race  
Hisp= Hispanic  
NH= Non-Hispanic  
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

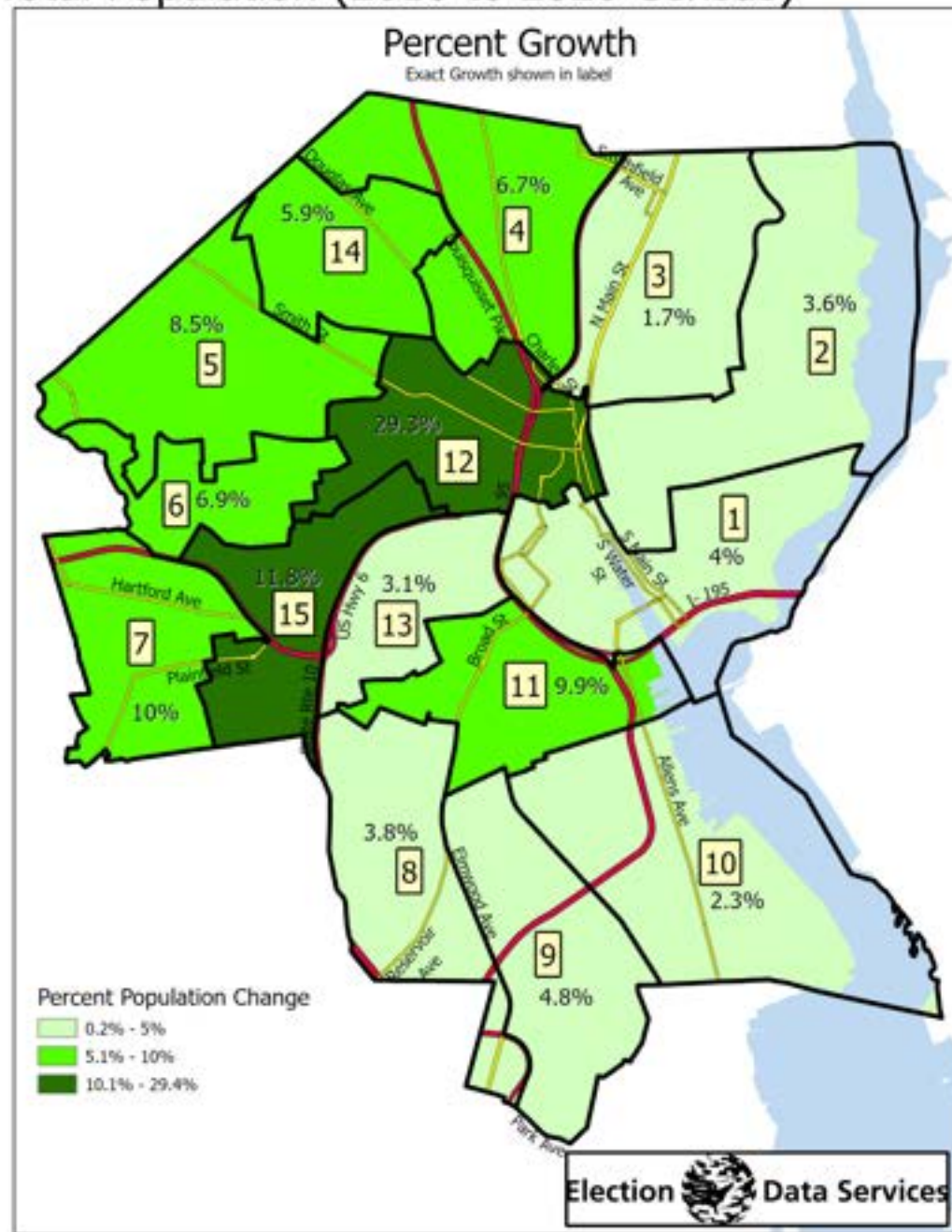
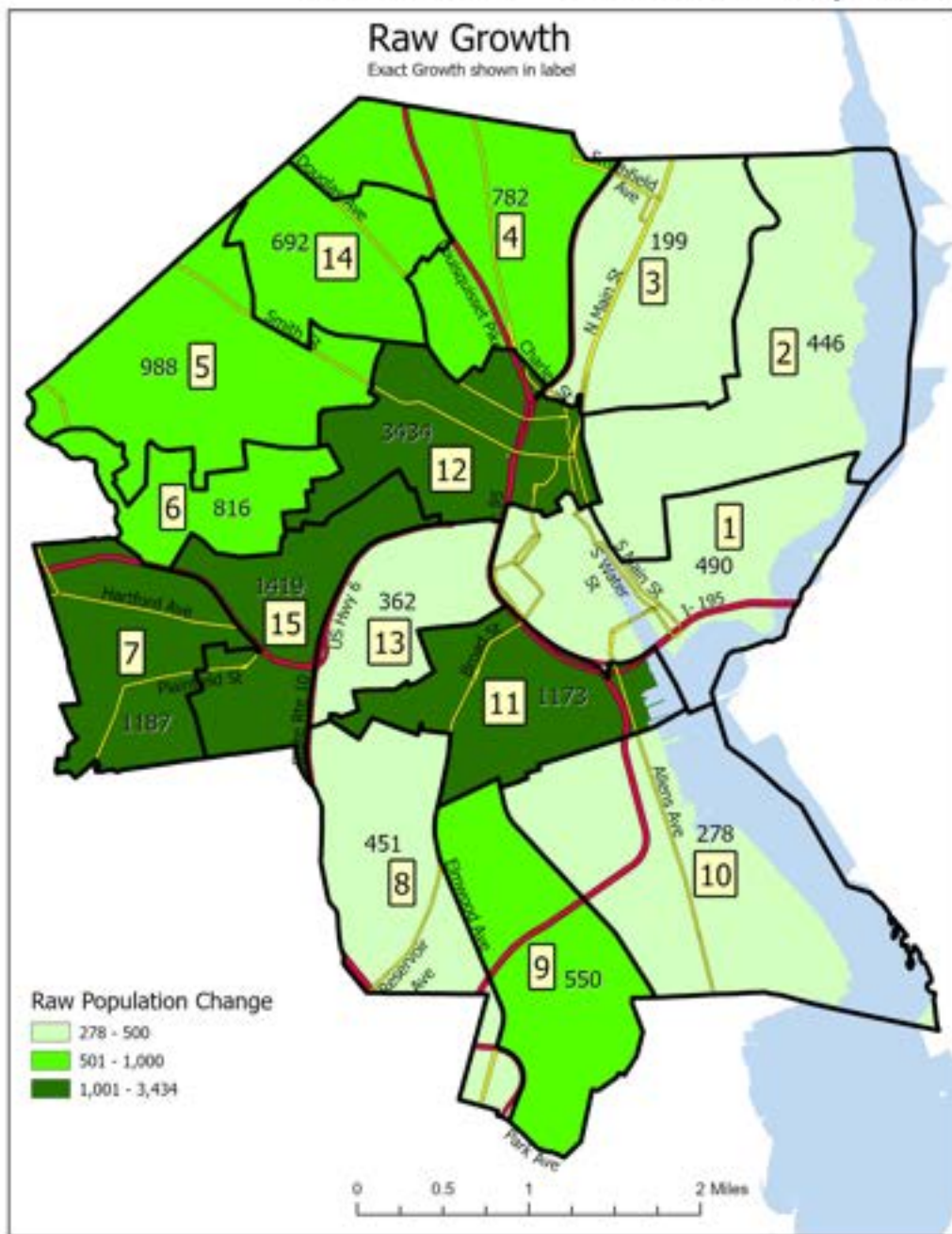


# Providence - City Ward Deviation from Ideal Pop of 12,754 (post inmate allocation)





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





# 2010 Census

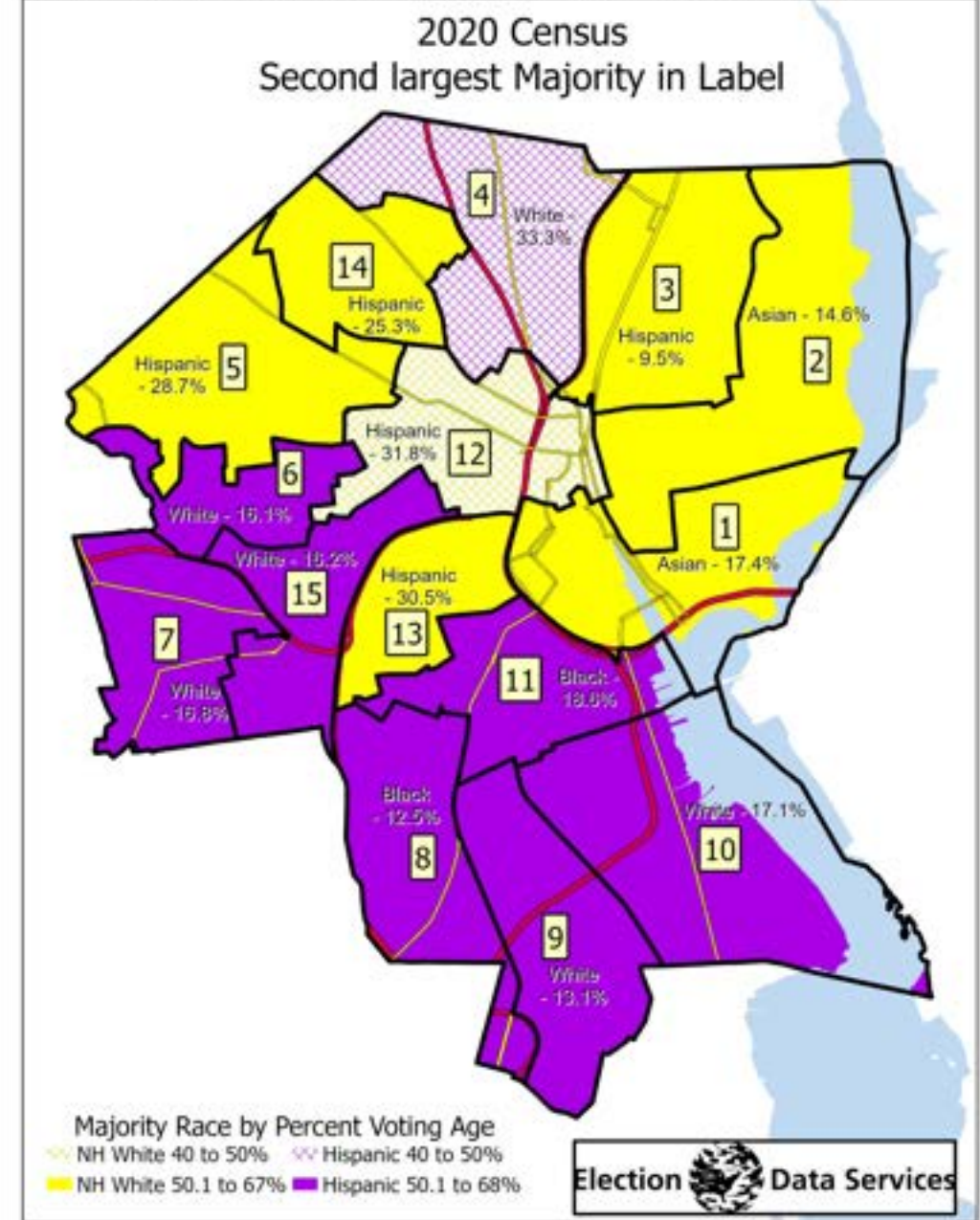
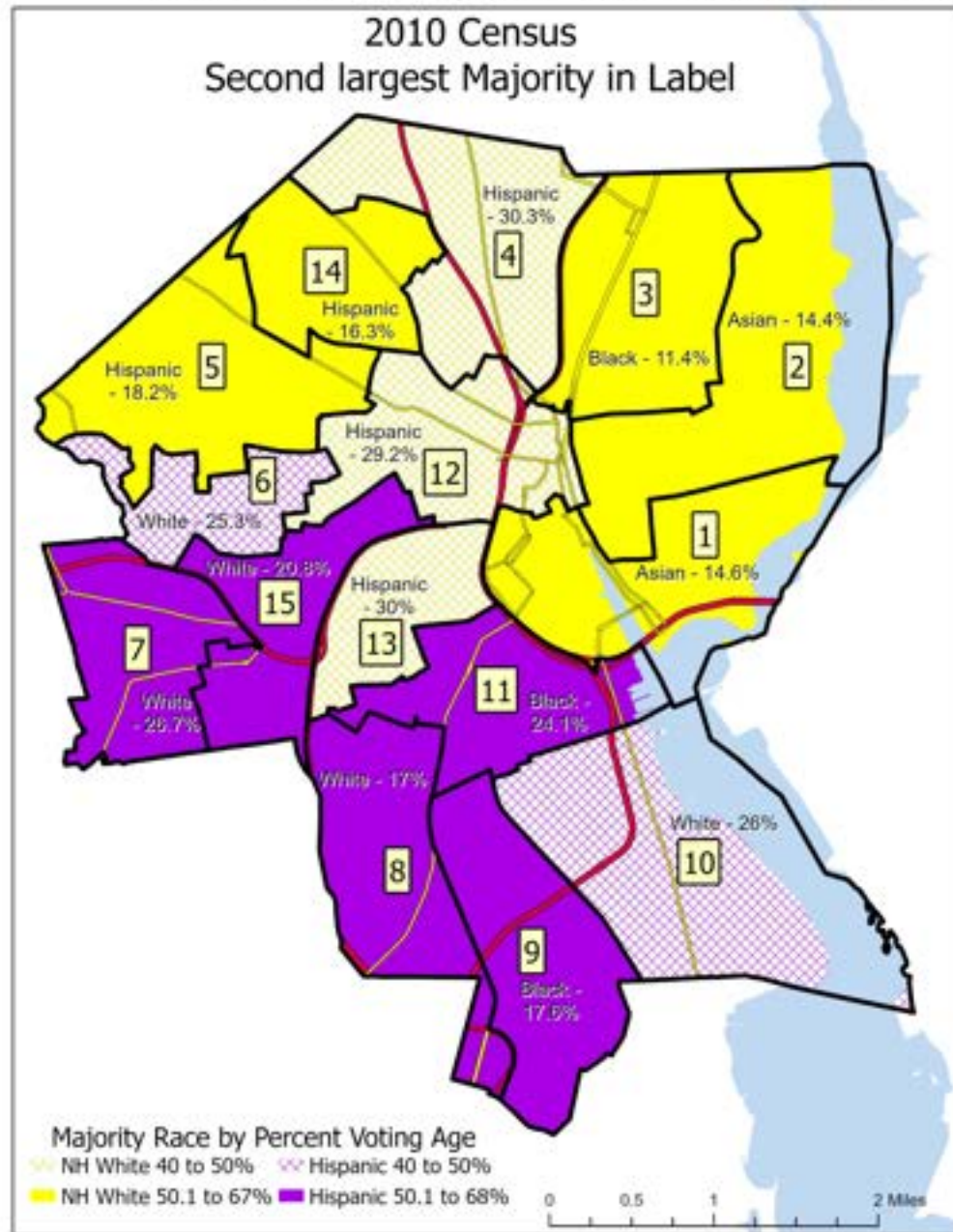
	<b>Total Population</b>	<b>White</b>	<b>Black</b>	<b>American Indian &amp; Alaskan Native</b>	<b>Asian</b>	<b>Hawaiian &amp; Pacific Islander</b>	<b>Some other race</b>	<b>Two or more races</b>	<b>Total</b>	<b>Hispanic</b>	<b>Total</b>
1	Race Alone	49.78%	16.04%	1.35%	6.39%	0.12%	19.78%	6.53%	100.00%		
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%
	<b>Voting Age Population</b>	<b>White</b>	<b>Black</b>	<b>American Indian &amp; Alaskan Native</b>	<b>Asian</b>	<b>Hawaiian &amp; Pacific Islander</b>	<b>Some other race</b>	<b>Two or more races</b>	<b>Total</b>	<b>Hispanic</b>	<b>Total</b>
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%

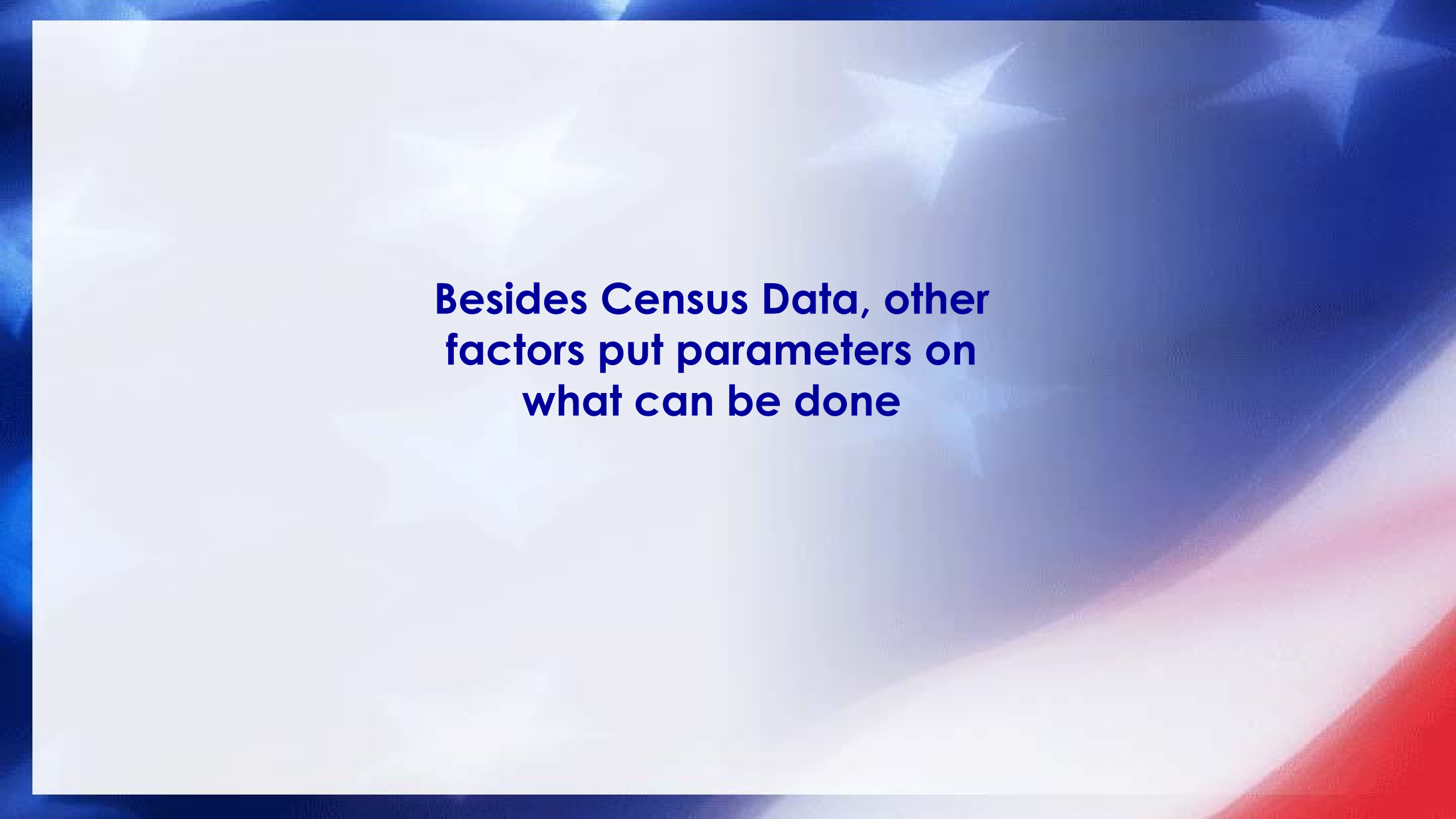
# 2020 Census

	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)



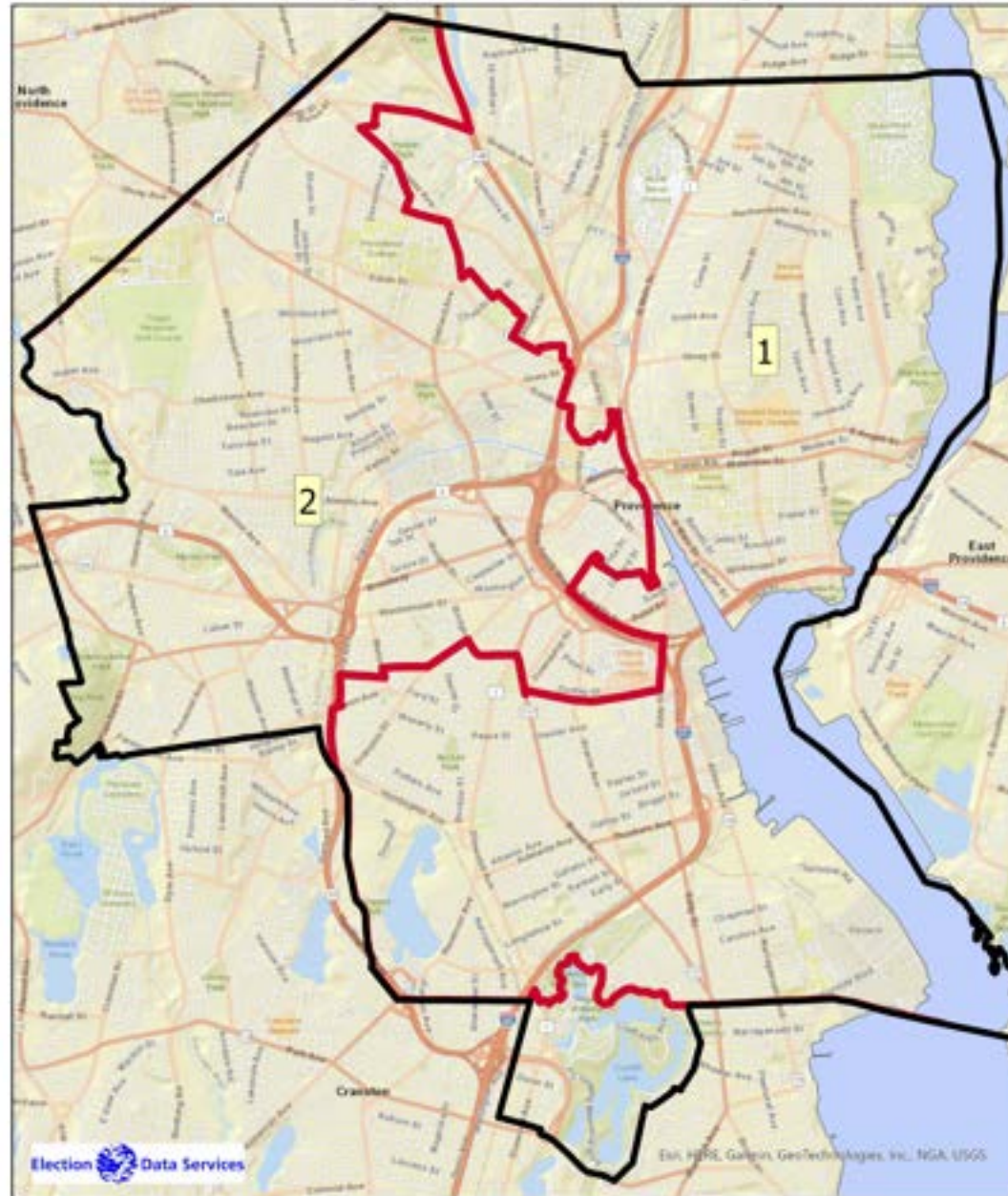
The background of the slide is a close-up, slightly blurred image of the American flag, showing the stars and stripes in shades of blue, white, and red.

**Besides Census Data, other  
factors put parameters on  
what can be done**



# Providence - Congressional and State Legislative Lines

## New Congressional District Boundaries

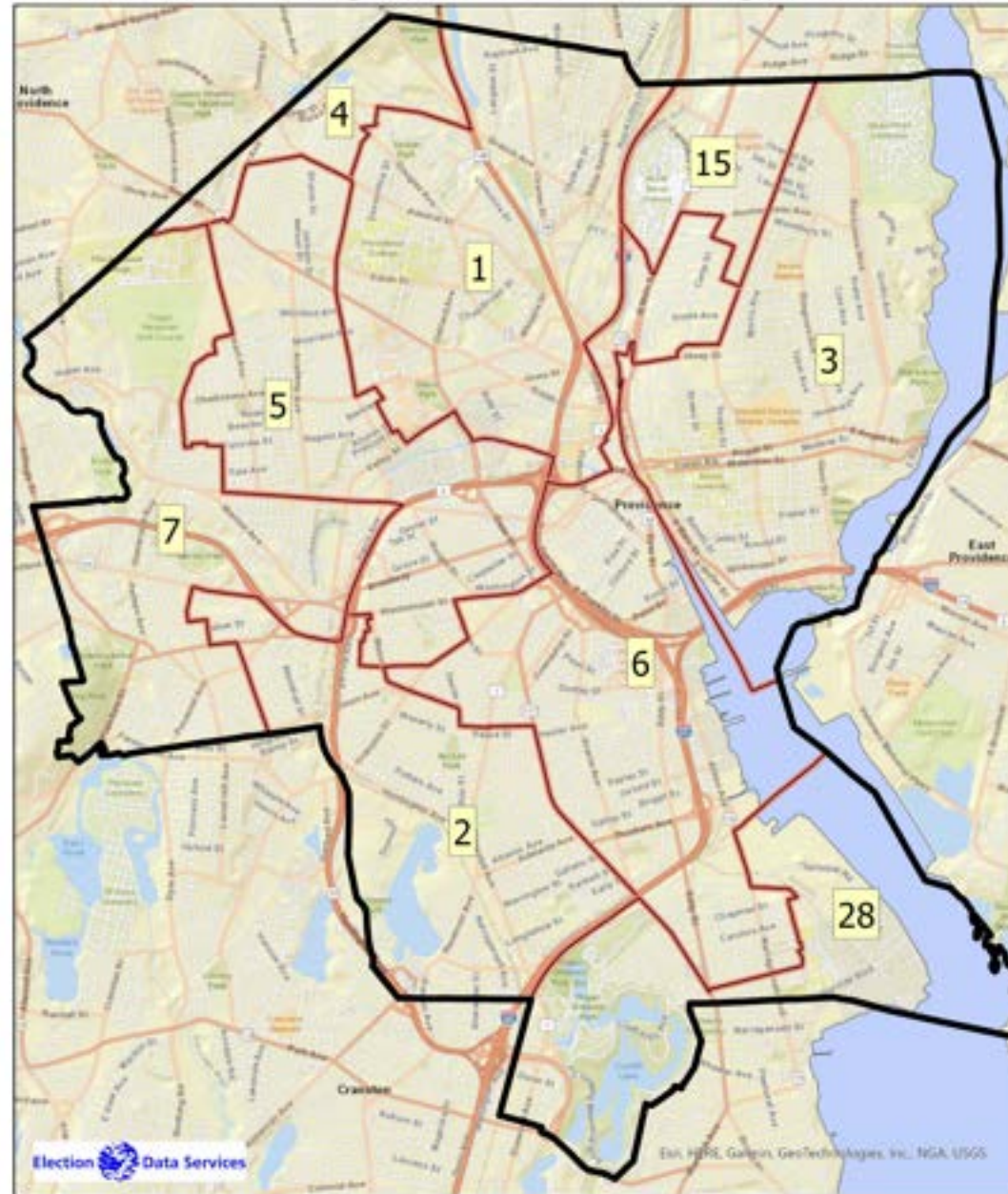


0 0.5 1 2 Miles

□ Congress B

Providence - Congressional and State Legislative Lines

**New  
State Senate  
District  
Boundaries**



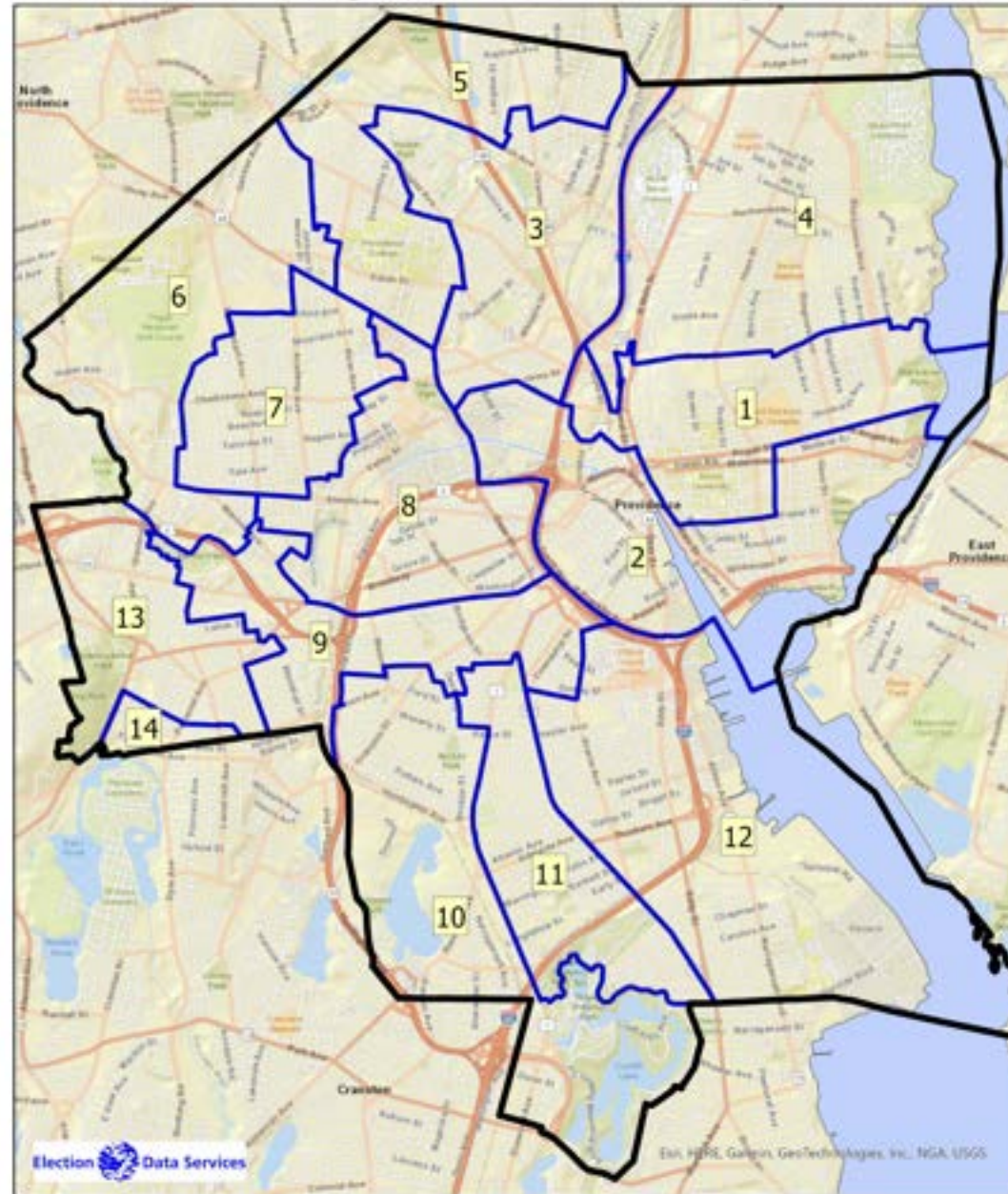
□ Senate Sub-A





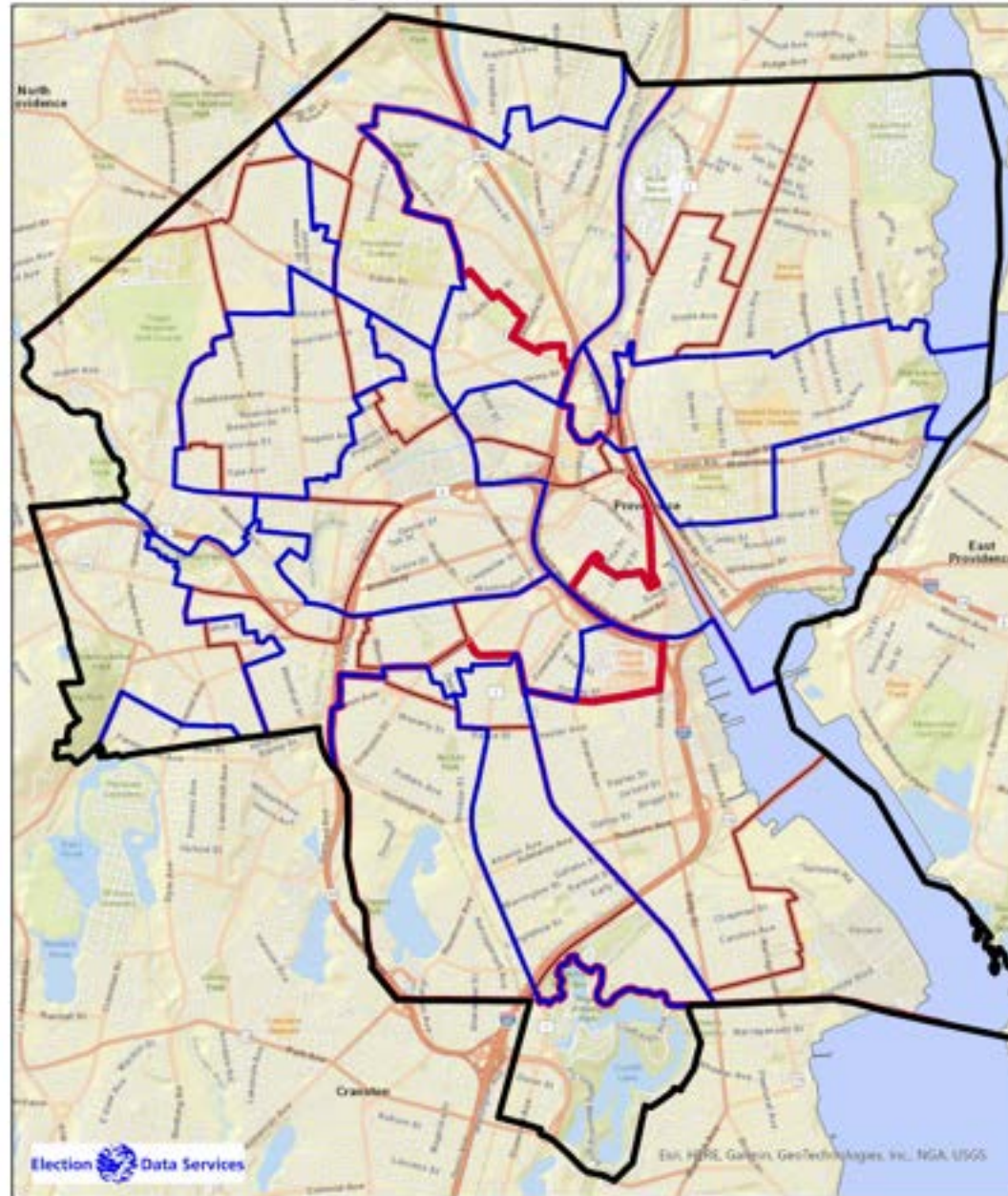
# Providence - Congressional and State Legislative Lines

## New State House District Boundaries



# Providence - Congressional and State Legislative Lines

**Overlay  
All 3 Districts  
= Spaghetti**



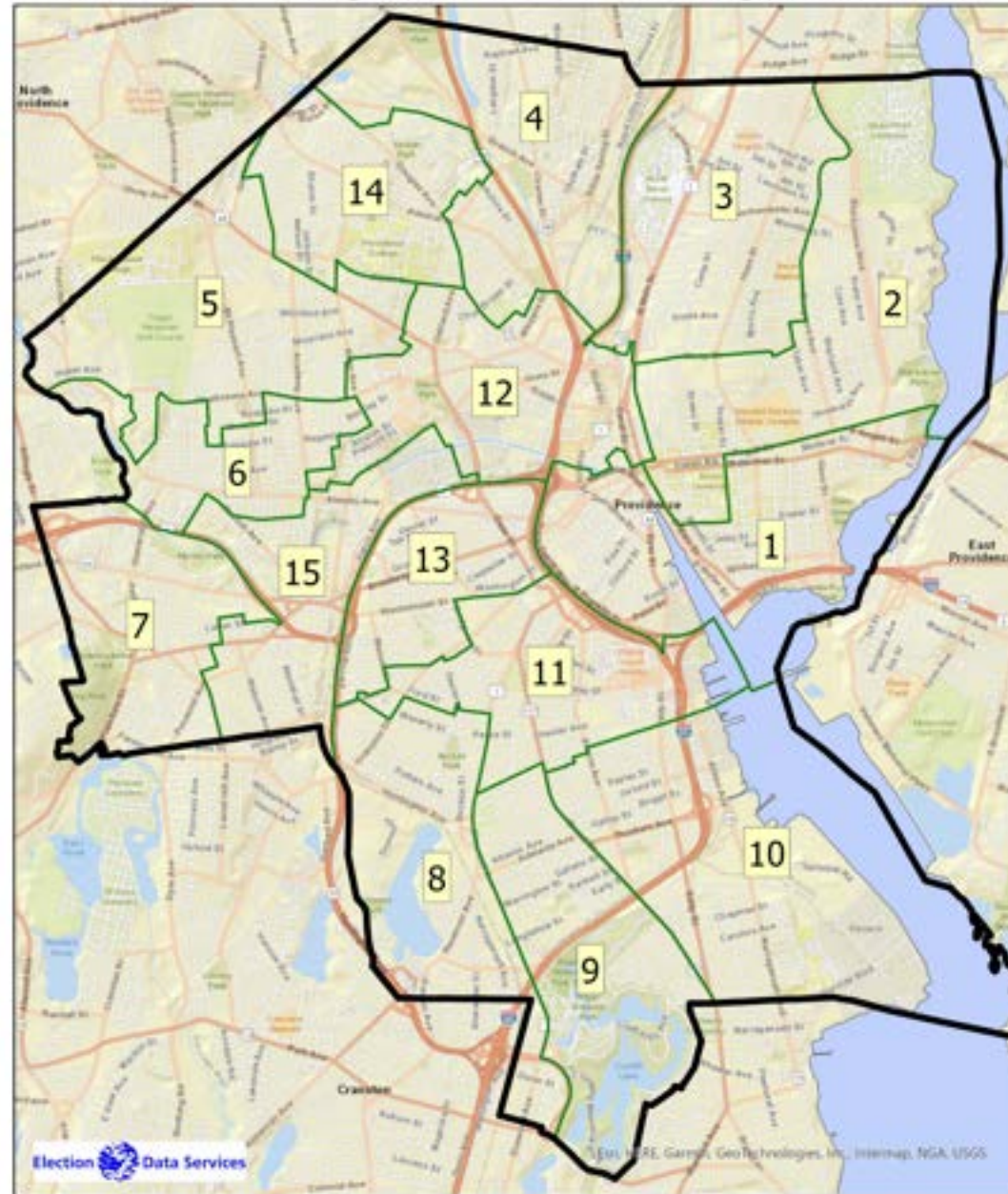
0 0.5 1 2 Miles

■ Congress B   ■ House Sub-A  
■ Senate Sub-A



# Providence - Congressional and State Legislative Lines

## Current Ward Boundaries (created in 2012)

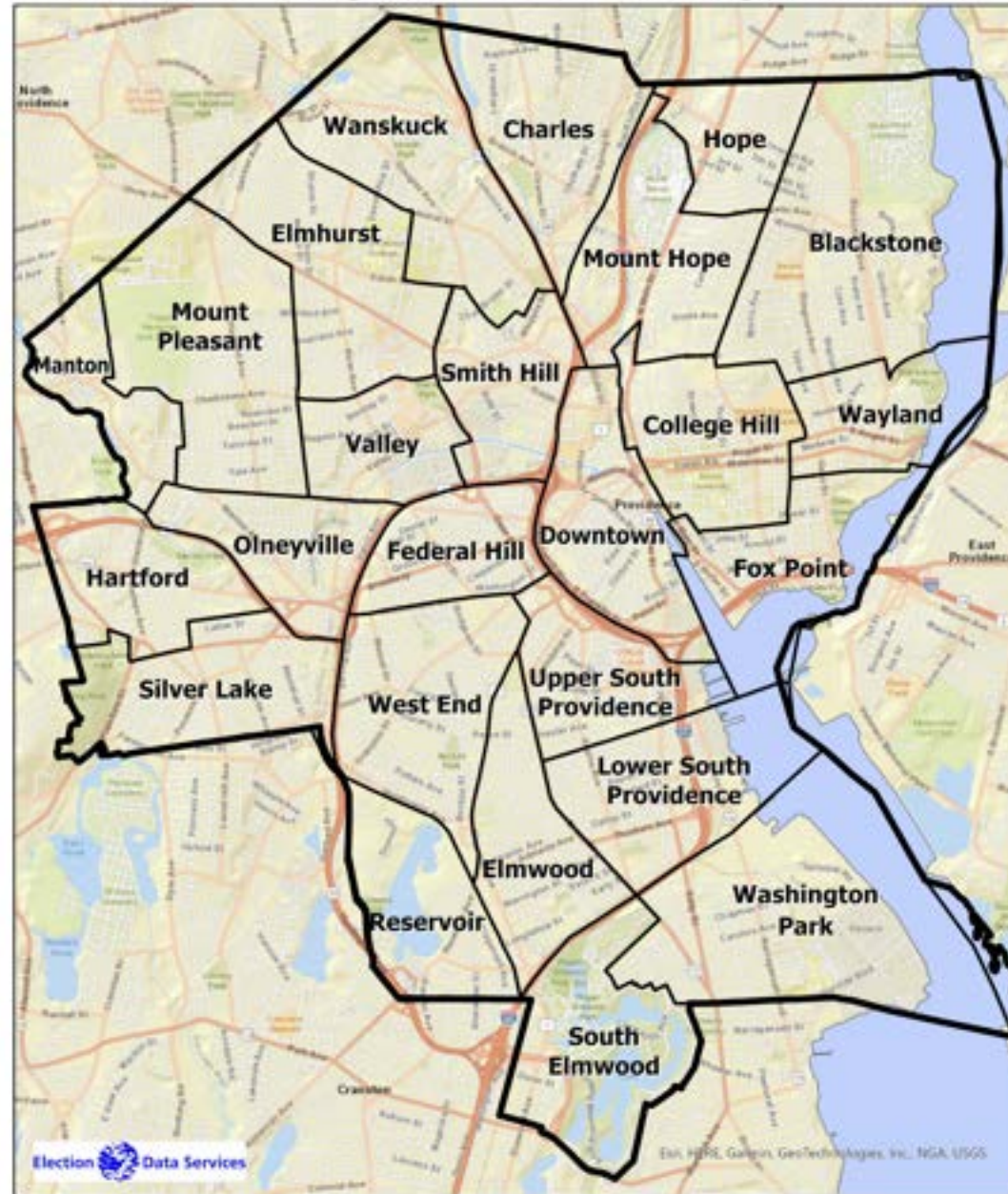


Existing Wards



# Neighborhoods

Providence - Congressional and State Legislative Lines



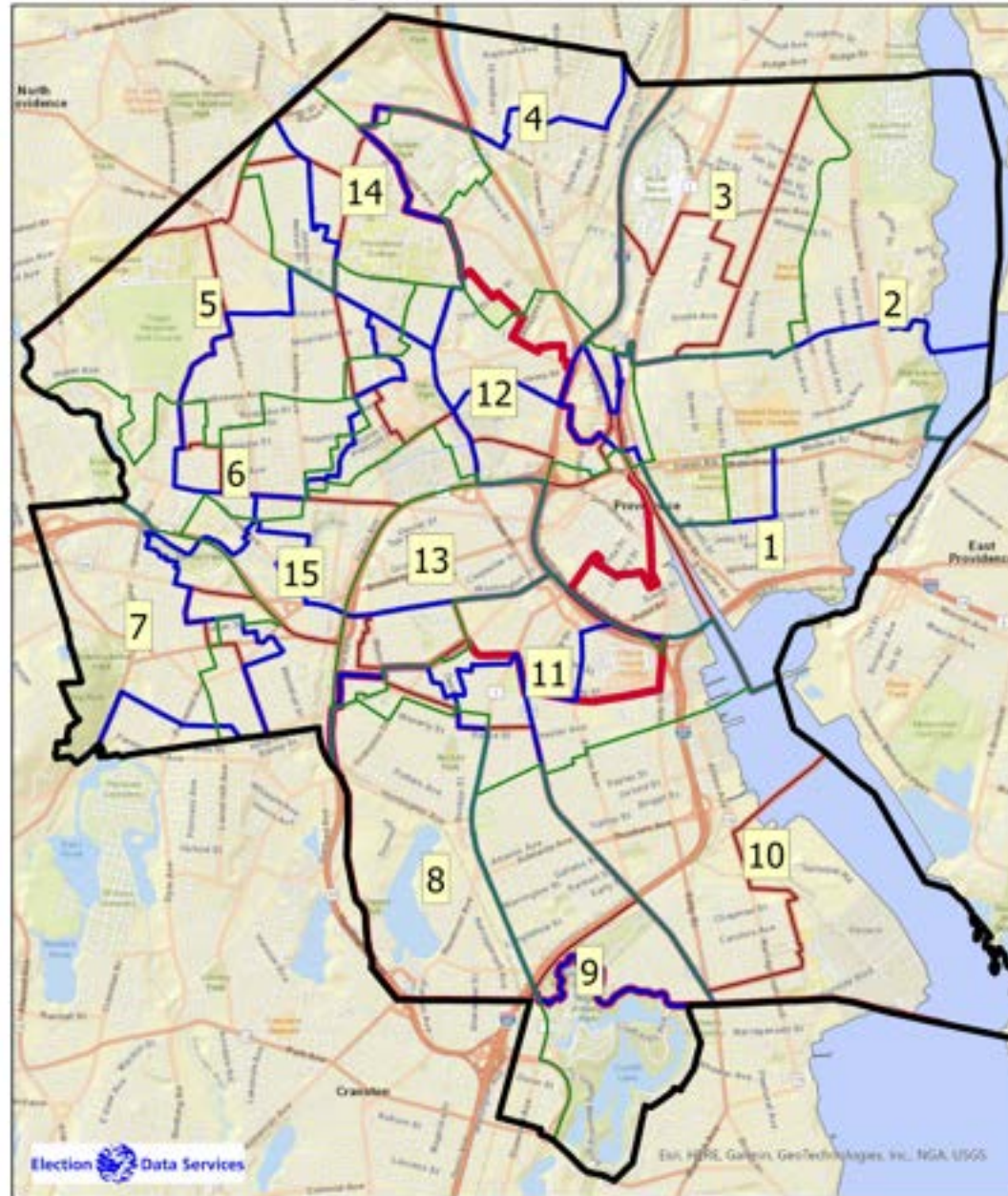
□ Neighborhoods





# Full Course Meal of Spaghetti

Providence - Congressional and State Legislative Lines



0 0.5 1 2 Miles

- Congress B
- House Sub-A
- Senate Sub-A
- Existing Wards

***Thank you***



**Kimball Brace  
President**

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**Manassas, VA 20112**

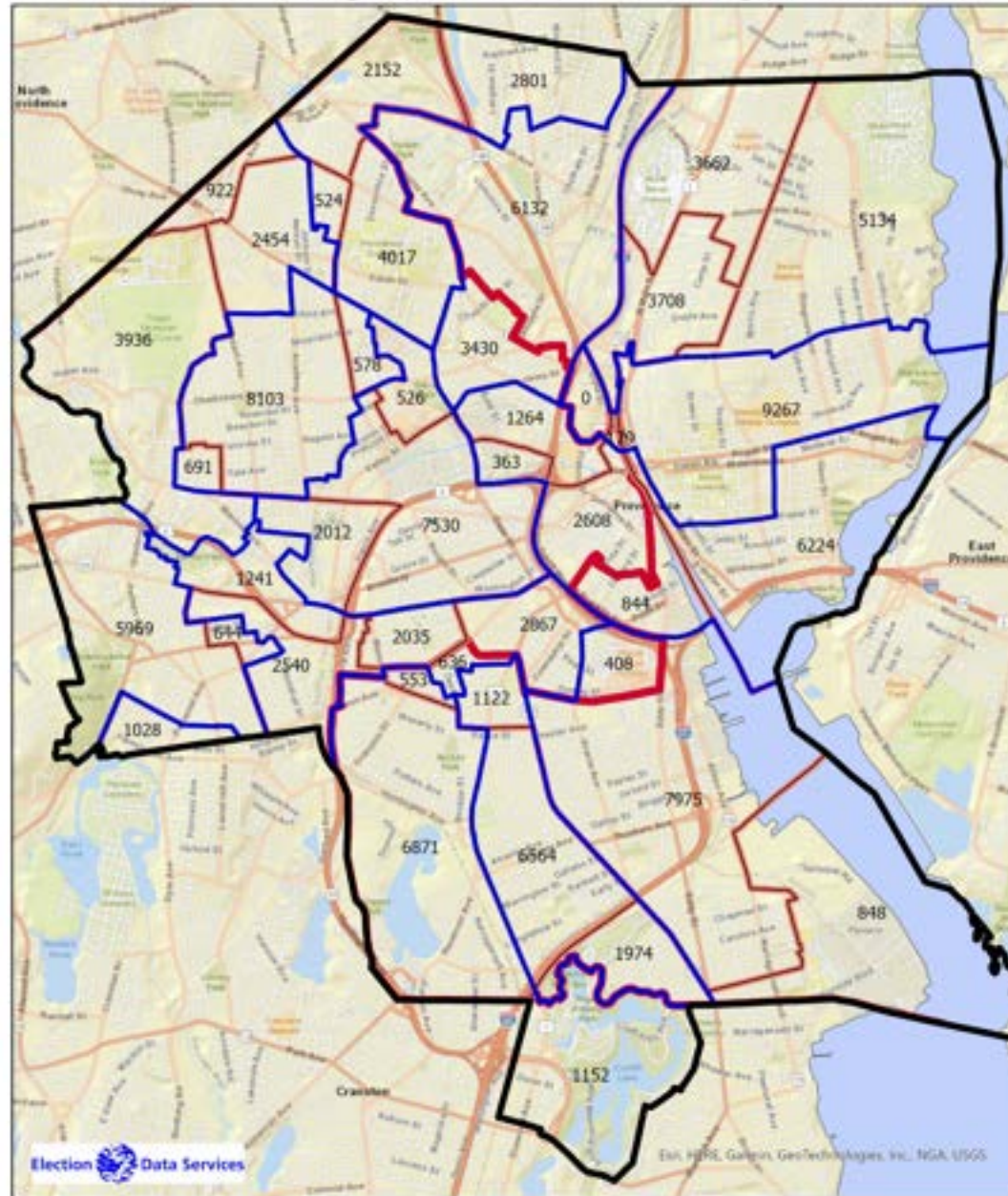
**(703-580-7267 or 202-789-2004)**

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**[www.electiondataservices.com](http://www.electiondataservices.com)**



# Providence - Congressional and State Legislative Lines



Count of Eligible Voters per group is shown in label



- Congress B
- House Sub-A
- Senate Sub-A