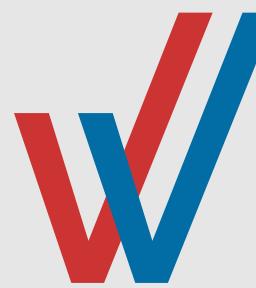


Verified Voting

Strengthening Democracy For All Voters



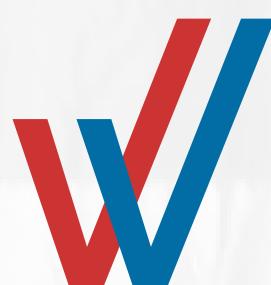
introducing...

Verified Voting

VOTE VISUALIZER

2020

an innovative tool for identifying election
anomalies and protecting our democracy



What It Does

- ⚠ **Apply techniques of modern data science to detect anomalies in a timely manner after each election**
- 👥 **Give ALL candidates, election officials, media, and general public the ability to identify anomalies in elections, regardless of resources**
- 💻 **Present useful, attractive visualizations of election anomaly data for public consumption**
- 🗳️ **Impact the conduct of elections in the US and public confidence in election results**

How It Works

The image displays two side-by-side screenshots of the Verified Voting **VOTE VISUALIZER** 2020 tool. Both screenshots show a map of the United States with state boundaries. The left screenshot shows the initial interface with dropdown menus for selecting a state, contest type, and contest. The right screenshot shows the interface after a state has been selected, with the map highlighting the chosen state in red and the dropdown menu showing specific contest types available in that state.

Left Screenshot (Initial State):

- Header: VerifiedVoting, About, Issues, Tools, Resources, Search, DONATE ▶
- Top navigation bar: Explore Top Outliers, Compare Counts, About
- Main content: Choose a State, Choose a Contest Type, Choose a Contest, Filter by Candidate
- Map: US map with state boundaries.
- Dropdown: ▼ Choose a State (list of US states)
- Buttons: CT, DC, DE, NH, RI, VT
- Text: US Territories (AS, GU, MP, PR, VI)
- Footer: Questions? Contact visualizer@verifiedvoting.org

Right Screenshot (After Selection):

- Header: VerifiedVoting, About, Issues, Tools, Resources, Search, DONATE ▶
- Top navigation bar: Explore Top Outliers, Compare Counts, About
- Main content: Choose a Contest Type or Search for a Candidate, North Carolina, Choose a Contest, Filter by Candidate
- Map: US map with state boundaries, North Carolina highlighted in red.
- Dropdown: ▼ North Carolina (list of contest types: Presidential, Statewide, Congressional, State Senate, State House)
- Buttons: CT, DC, DE, NH, RI, VT
- Text: US Territories (AS, GU, MP, PR, VI)
- Footer: Questions? Contact visualizer@verifiedvoting.org

Bottom Navigation Bar (Both Screenshots):

- VerifiedVoting
- About
- Issues
- Tools
- Resources
- Donate
- 1608 Walnut St, 12th Fl. Philadelphia, PA 19103
760-804-VOTE (8683)
info@verifiedvoting.org
- Who We Are, Contact, Legal, Careers
- Voting Equipment, Audits, Paper Records, Internet Voting, Election Security
- The Verifier, Voting Equipment Database, State Profiles, Contact Your Government
- Publications, Press, Videos, Get Involved, The Voting News
- Validating 2020
- Privacy Policy | © 2020, Board Portal

How It Works

VerifiedVoting

- About
- Issues
- Tools
- Resources
- Search
- DONATE ▶

Explore Top Outliers

Compare Counts

About

Choose a Contest

▼ North Carolina ▼ Congressional

▼ Choose a Contest Filter by Candidate

Contest Name

ALL Congressional Contests Display

US Congress NC 1 Display

US Congress NC 2 Display

US Congress NC 3 Display

US Congress NC 4 Display

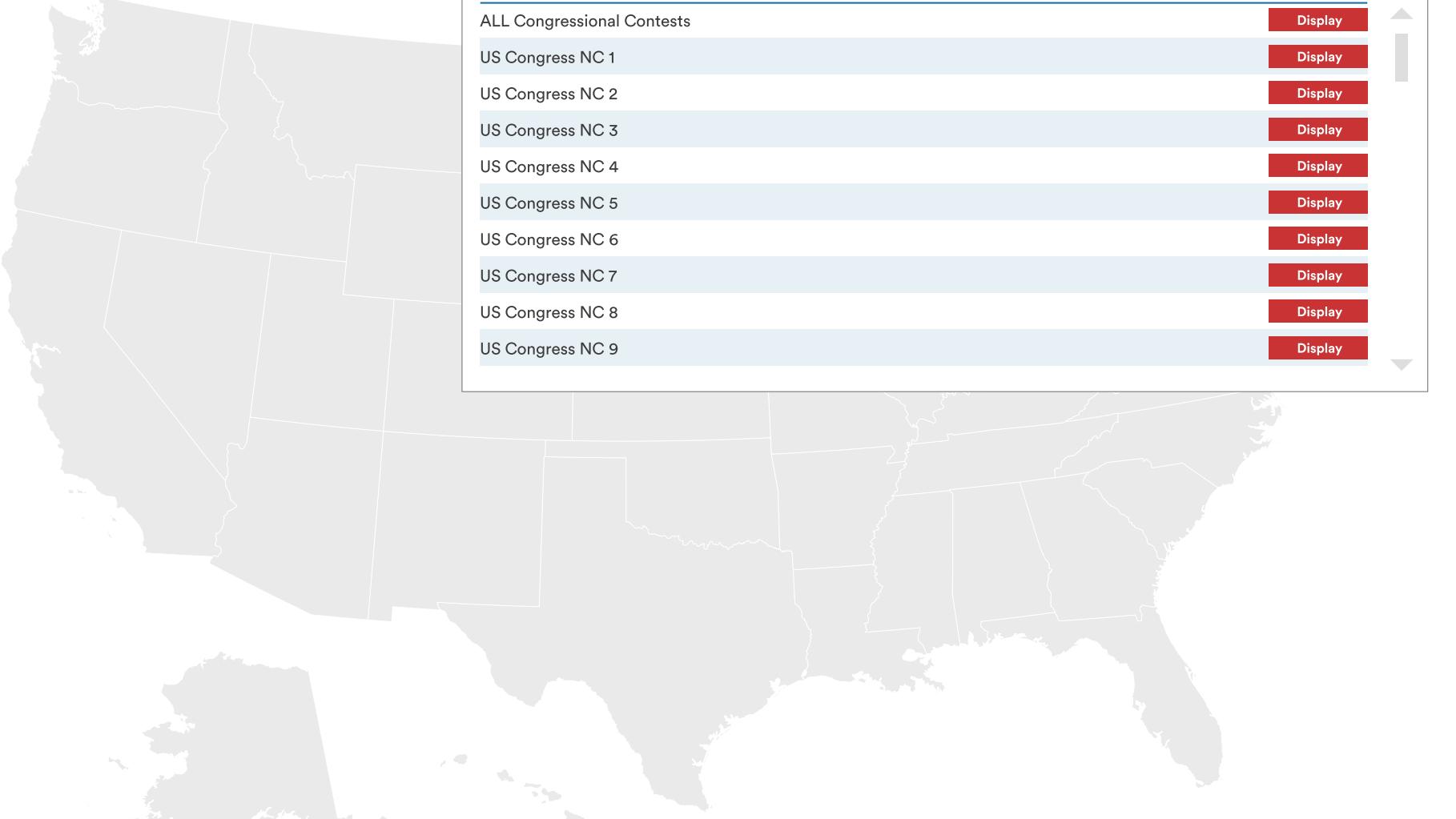
US Congress NC 5 Display

US Congress NC 6 Display

US Congress NC 7 Display

US Congress NC 8 Display

US Congress NC 9 Display



US Territories

AS GU MP PR VI

Questions? Contact visualizer@verifiedvoting.org

VerifiedVoting

[About](#) [Issues](#) [Tools](#) [Resources](#) [Search](#) [DONATE ▶](#)

1608 Walnut St, 12th Fl.
Philadelphia, PA 19103
760-804-VOTE (8683)
info@verifiedvoting.org

[Who We Are](#) [Voting Equipment](#) [The Verifier](#) [Publications](#) [Validating 2020](#)
[Contact](#) [Audits](#) [Voting Equipment Database](#) [Press](#)
[Legal](#) [Paper Records](#) [State Profiles](#) [Videos](#)
[Careers](#) [Internet Voting](#) [Contact Your Government](#) [Get Involved](#)
[Election Security](#) [The Voting News](#)

Privacy Policy | © 2020 [Board Portal](#)

VerifiedVoting

- About
- Issues
- Tools
- Resources
- Search
- DONATE ▶

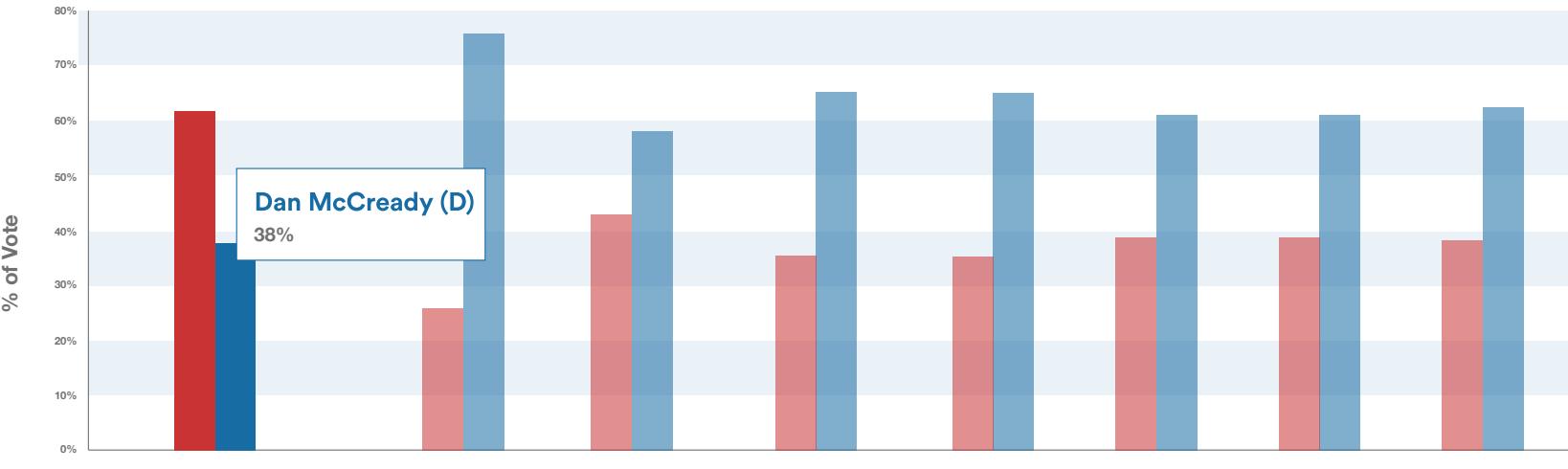
Explore Top Outliers

Compare Counts

About

North Carolina - ALL Congressional Contests

▲ Anomaly



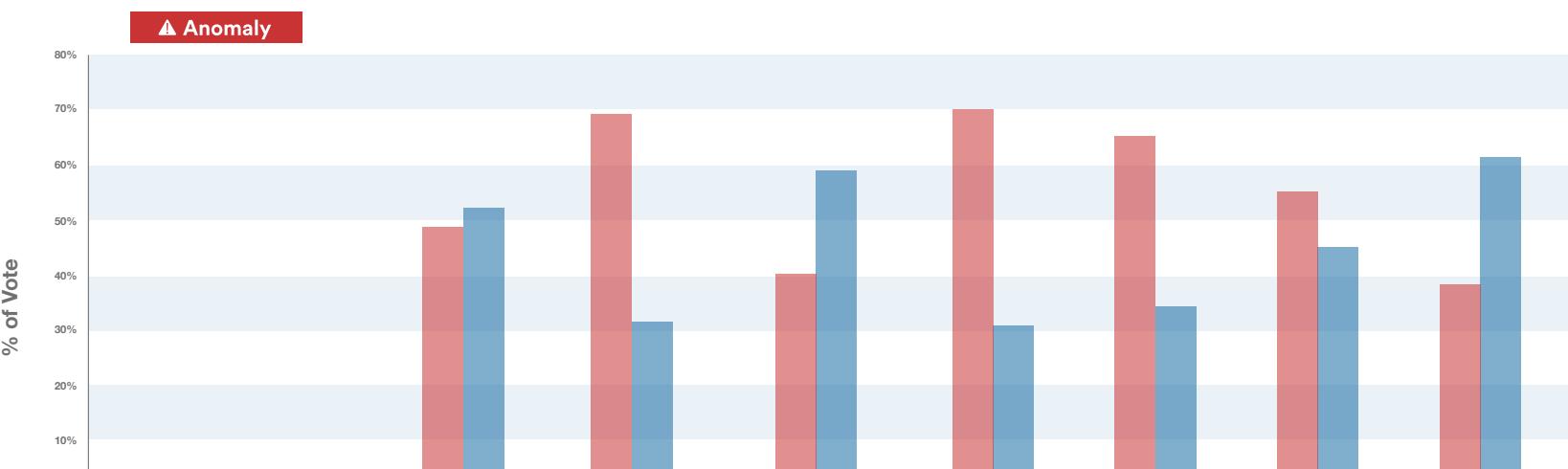
NC District 9 - Accepted Absentee by Mail Ballots

Election Results

Votes At Stake ~ 110 Margin ~ 900

Download Contest Results

▲ Anomaly



NC District 6 - Provisional Ballots

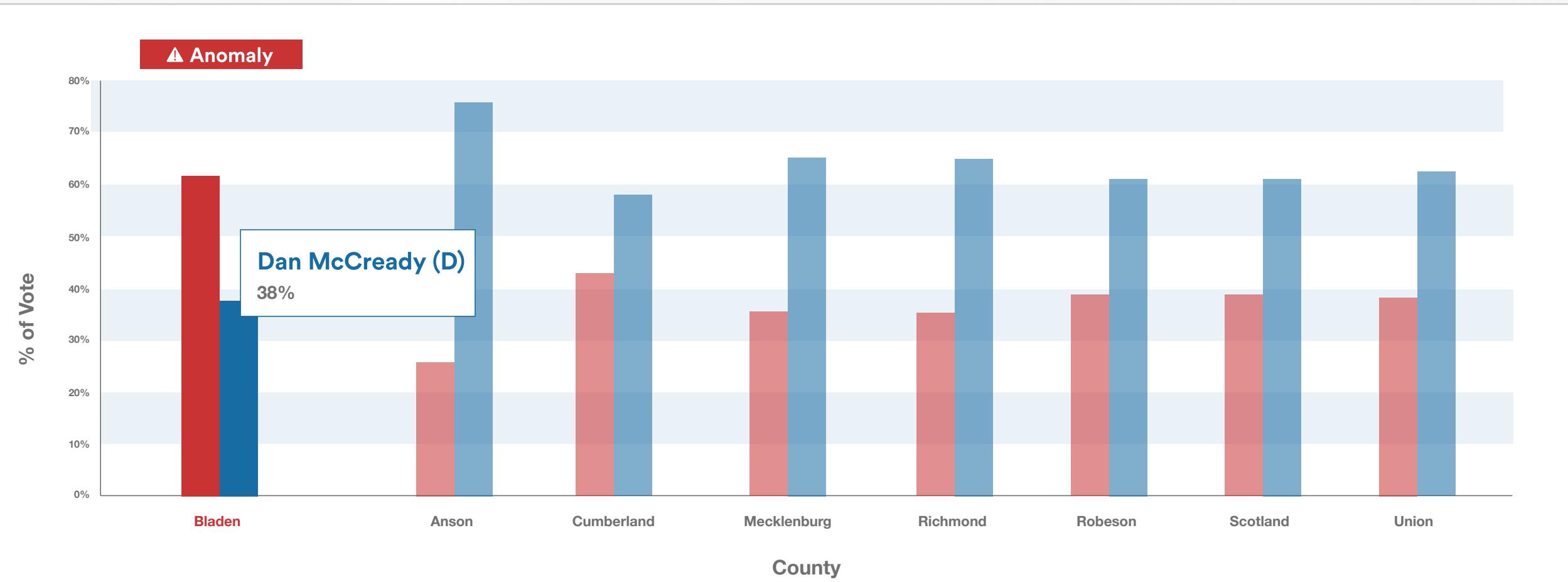
Election Results

Votes At Stake ~ 25 Margin ~ 37,000

Download Contest Results

Questions? Contact visualizer@verifiedvoting.org

⚠️ Outliers are common in elections. Data can tell you where they are but not what caused them.



NC District 9 - Accepted Absentee by Mail Ballots

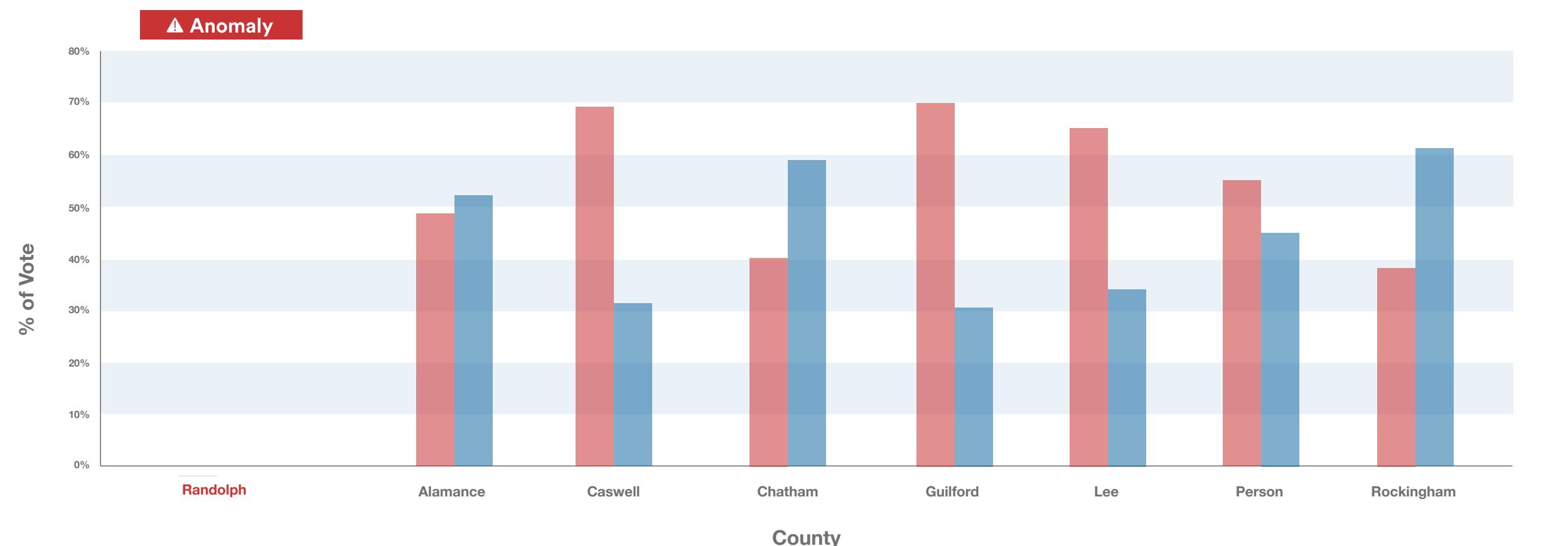
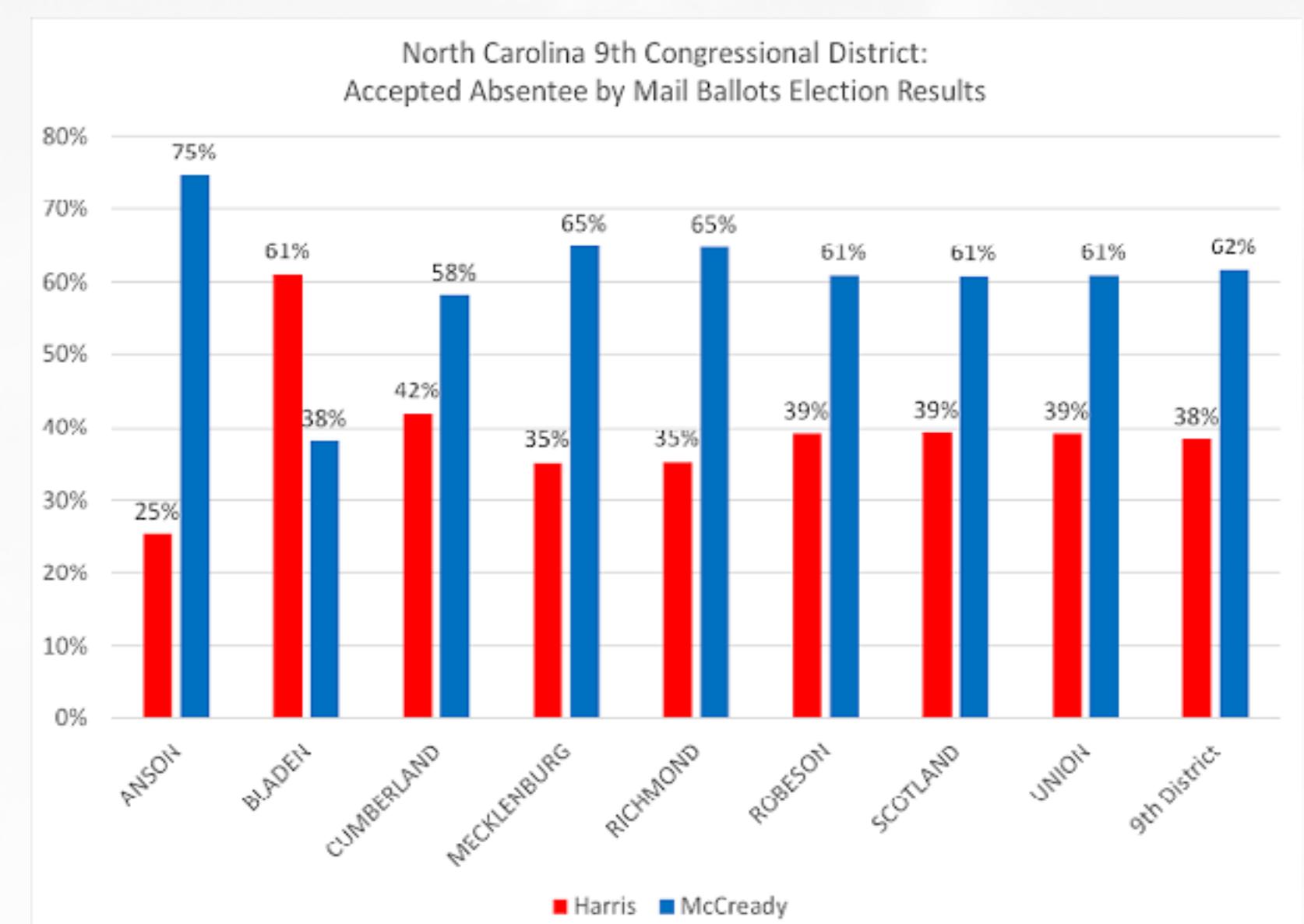
Election Results

Votes At Stake ~ 110 Margin ~ 900

Mark Harris (R)

Dan McCready (D)

[Download Contest Results](#)



NC District 6 - Provisional Ballots

Election Results

Votes At Stake ~ 25

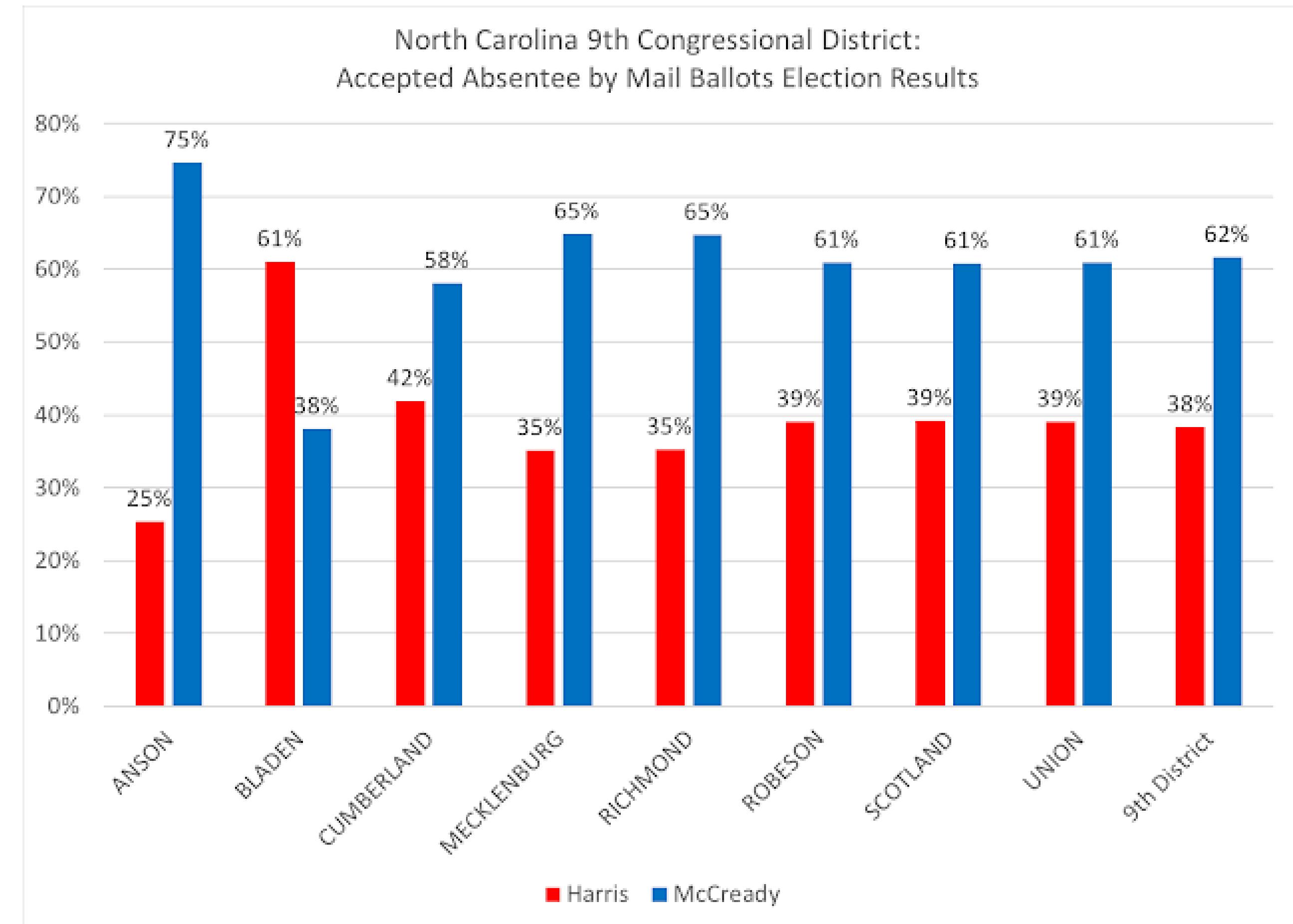
Margin ~ 37,000

Ryan Watts (R)

B. Mark Walker (D)

[Download Contest Results](#)

The Bladen County Anomaly



Source: <http://www.oldnorthstatepolitics.com/2018/11/ncs-closest-congressional-contest-gets.html>



The Bladen County Anomaly

The Washington Post
Democracy Dies in Darkness

Politics

North Carolina sets new primaries, general election in scandal-plagued 9th Congressional District



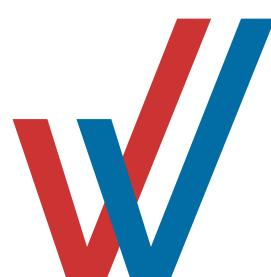
Republican Mark Harris in Raleigh, N.C., during a Feb. 20 public hearing on alleged voting irregularities. (Pool photo by Travis Long/News & Observer/AP)

By Amy Gardner

March 4, 2019 at 2:17 p.m. EST

North Carolina election officials have set a new election schedule in the 9th Congressional District, calling for May primaries and a September general election, setting the stage for a bruising GOP

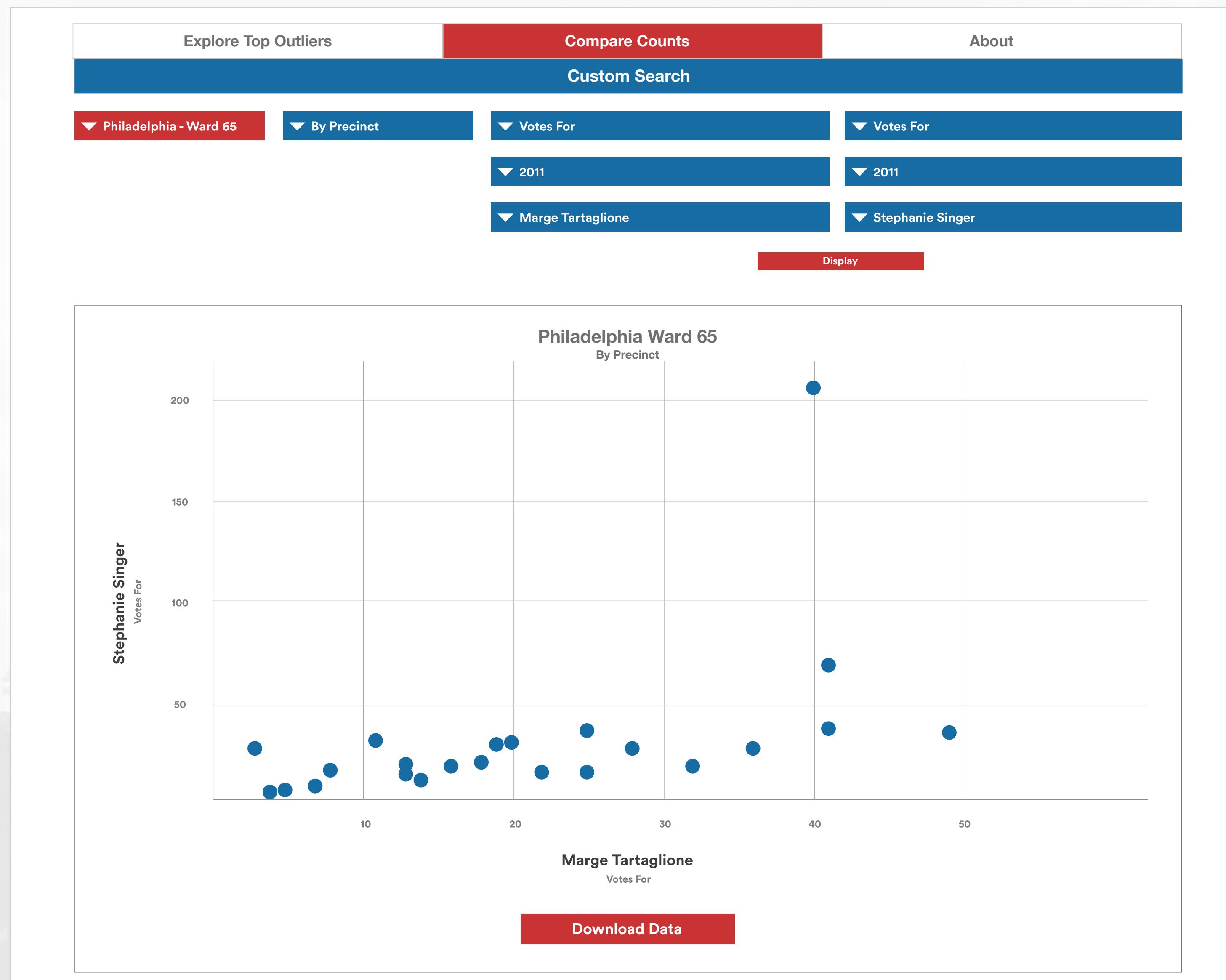
Source: https://www.washingtonpost.com/politics/north-carolina-sets-new-primaries-general-election-in-scandal-plagued-9th-congressional-district/2019/03/04/ccfec0a8-3ea1-11e9-9361-301ffb5bd5e6_story.html



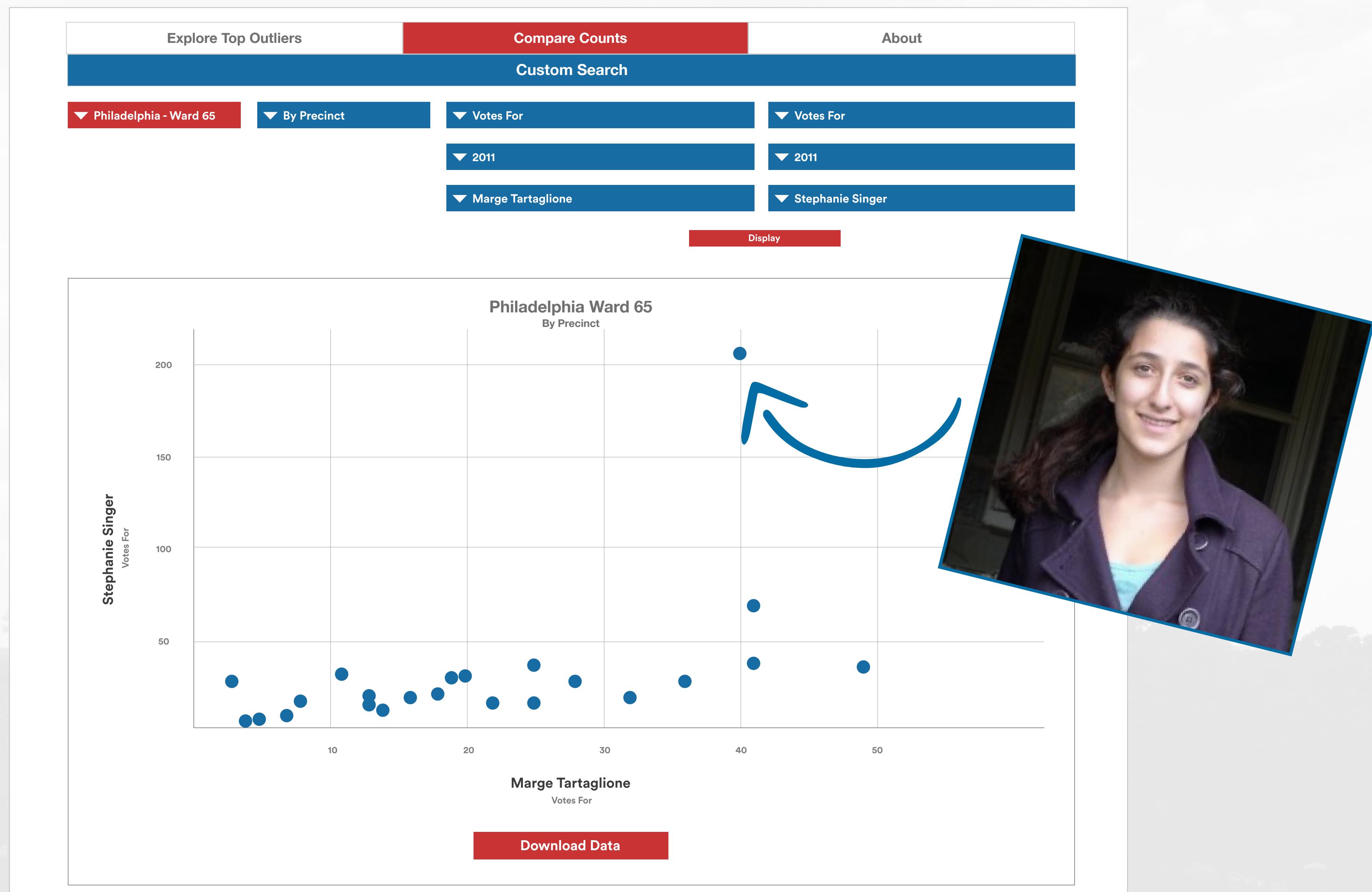
Florida Governor vs. US Senate by County



Philadelphia 65th Ward by Precinct



Philadelphia 65th Ward by Precinct



github.com/sfsinger19103/election_anomaly

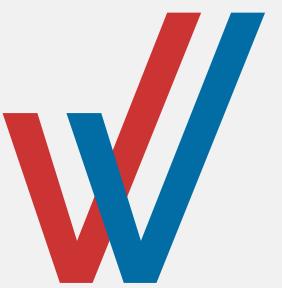
 **Analysis & Visualization**

 **API Import & Export**

 **Documentation**

 **Other Datasets**

 **Open Source Community**



Contact Us

-  **Project Lead: Stephanie Singer (*singer3@pdx.edu*)**
-  **Verified Voting, 1608 Walnut St, 12th Floor, Philadelphia, PA 19103**
-  **760.804.VOTE (8683)**
-  **verifiedvoting.org**

