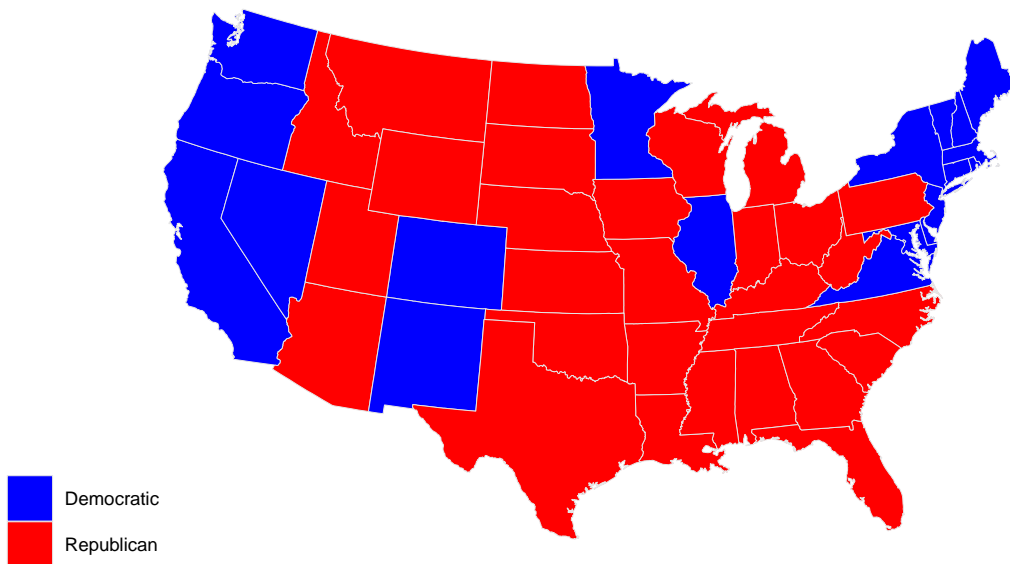# Presidential Election Maps

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2024-12-03

The purpose of this statistical document is to explore plotting maps in R by constructing past maps and charts of previous presidential elections.

```
## Joining with 'by = join_by(region)'
```

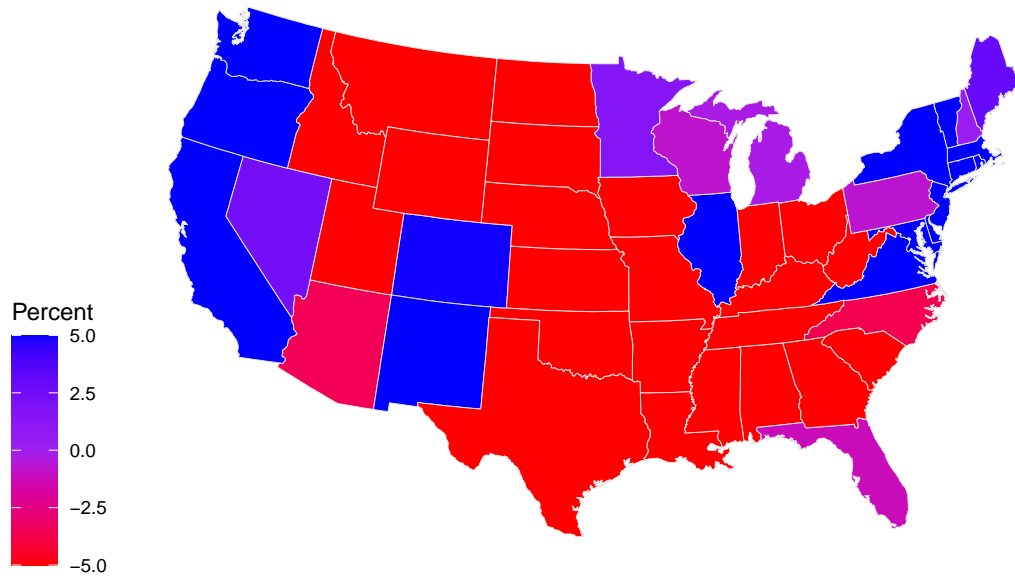## 2016 Presidential Election Results

Election Results 2016

Donald Trump won the electoral vote 304-227 over Hillary Clinton.

Winning margins in the 2016 election

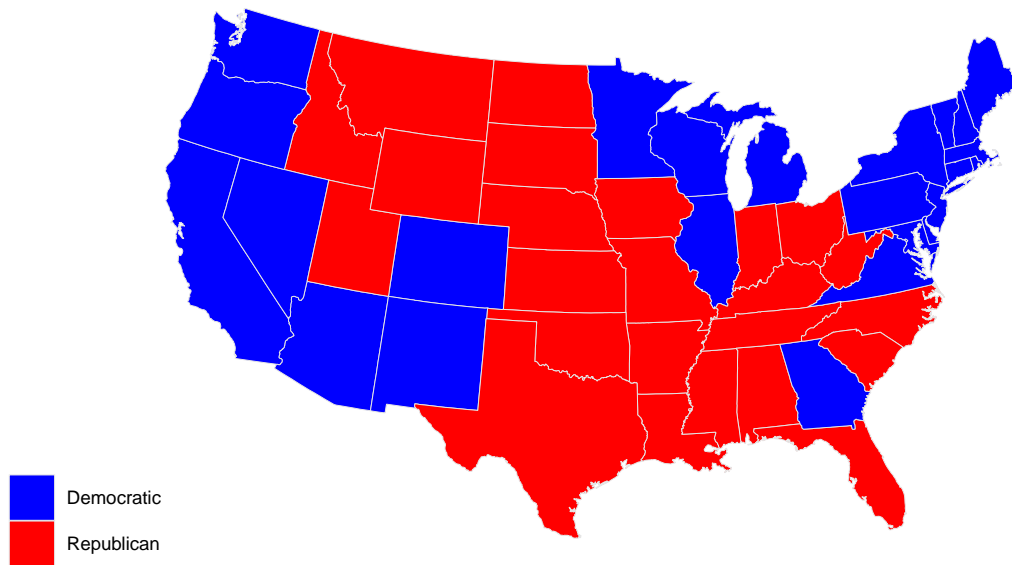Chart depicts winning margins in the 2016 election.

Winning Margins in 2016 Election


```
## Joining with `by = join_by(region)`
```

2020 Election Results

Election Results 2020

Joe Biden won the 2020 election over Donald Trump, 306-232.

2024 Presidential Election Projection

For the projection, we will use the polling averages (not forecast) from 538 (fivethirtyeight) listed on their website to project the result in each U.S. state. The averages were the final averages prior to the election on November 5, 2024. The final 538 forecast had Kamala Harris as a slight favorite 50 out of 100 chance over Donald Trump who had a 49 out of 100 chance.

Nevada: Republican (Trump + 0.3)

Arizona: Republican (Trump + 2.6)

Georgia: Republican (Trump + 0.8)
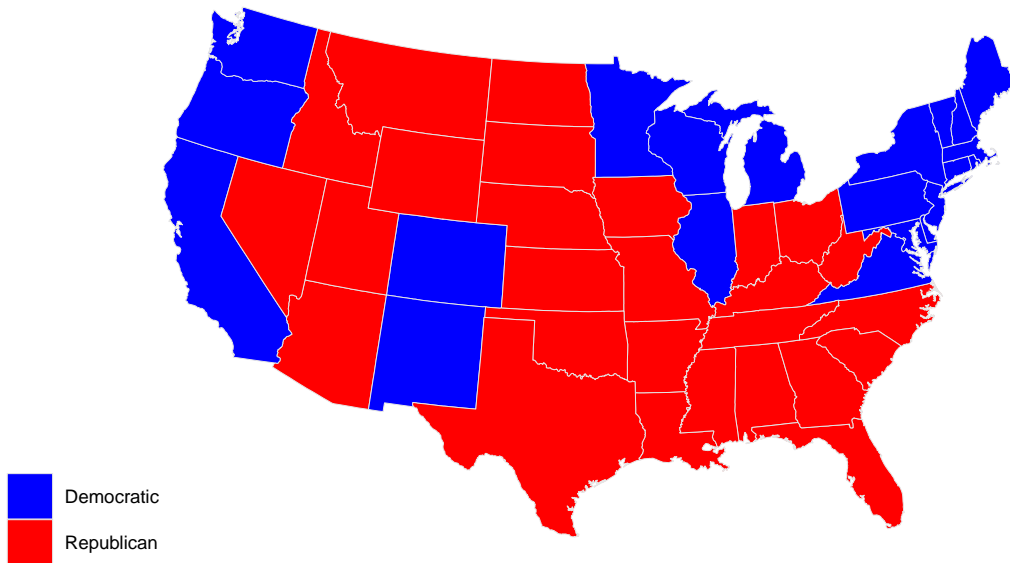
North Carolina: Republican (Trump + 0.9)

Wisconsin: Democratic (Harris + 1.0)

Michigan: Democratic (Harris + 1.0)

Pennsylvania: Democratic (Harris + 0.2)

```
## Joining with `by = join_by(region)`
```

Election Results 2024 (projection using 538 final polling averages)

This projection had Kamala Harris winning 270-268 over Donald Trump.

2024 Presidential Election Results

Nevada: Republican (Trump + 3.1)

Arizona: Republican (Trump + 5.5)

Georgia: Republican (Trump + 2.2)

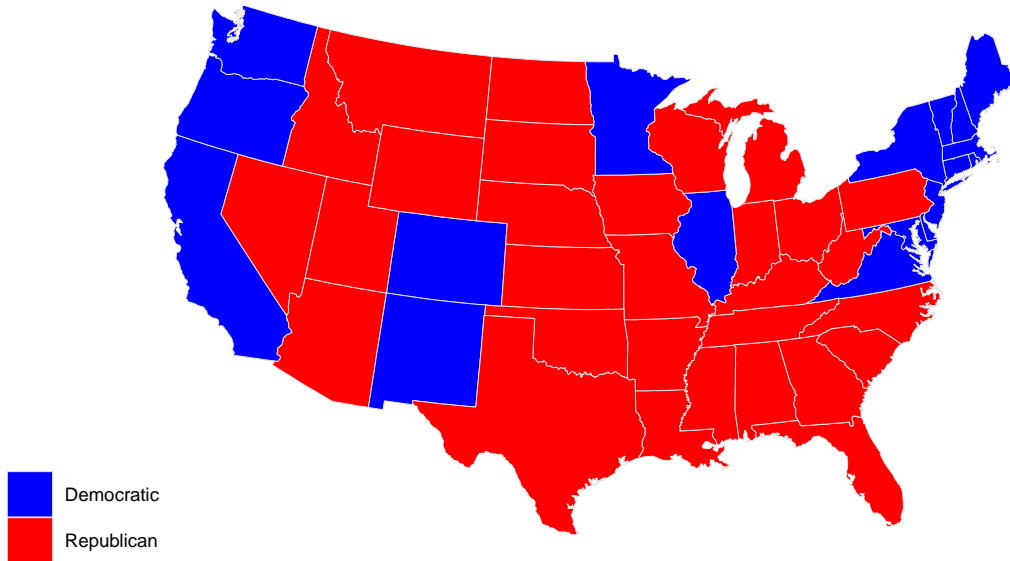North Carolina: Republican (Trump + 3.4)

Wisconsin: Democratic (Trump + 0.9)

Michigan: Democratic (Trump + 1.4)

Pennsylvania: Democratic (Trump + 1.8)

```
## Joining with `by = join_by(region)`
```
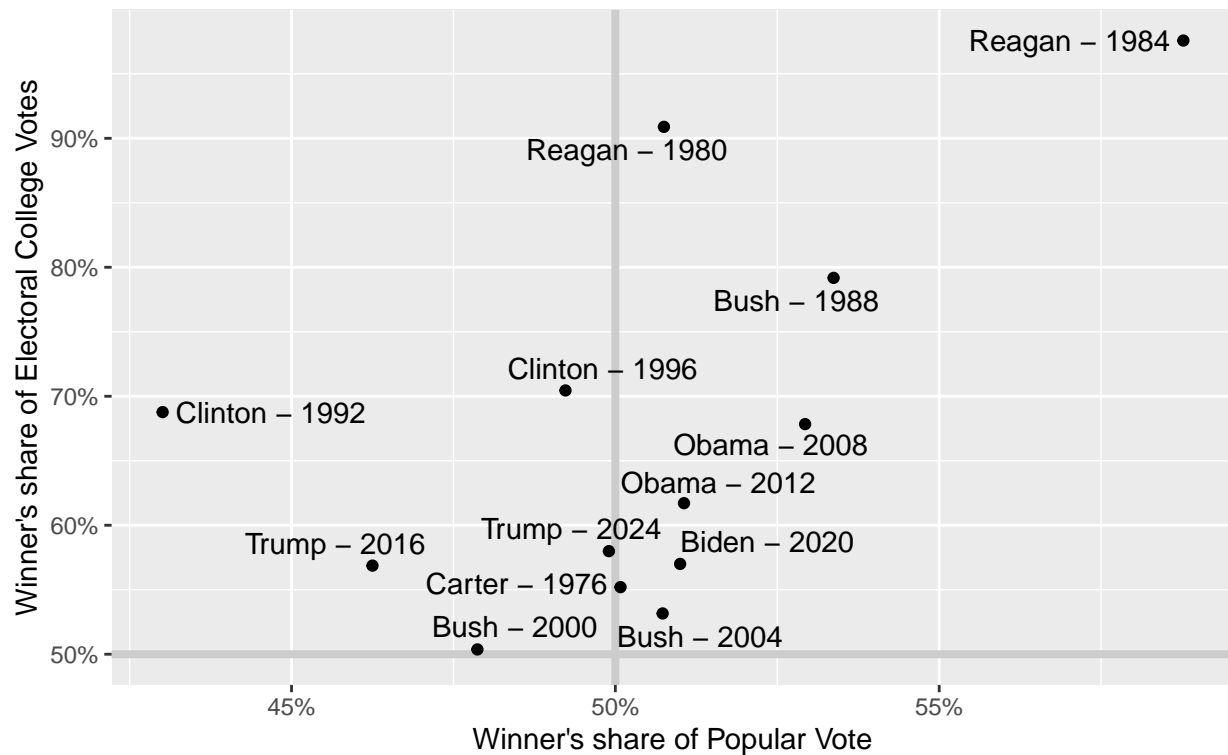
Election Results 2024 (Actual)

Democratic
Republican

Donald Trump won the 2024 election 312-226 over Kamala Harris.

2024 election compared to historical results

With the results of the 2024 election, Trump became the first candidate to win 312+ electoral votes since Barack Obama in 2012, the first Republican to win 312+ electoral votes since George H.W. Bush in 1988, and the first Republican to win the popular vote since George W. Bush in 2004.

The following chart shows how Trump's win stacks up historically in elections in past 50 years.

Presidential Elections: Popular and Electoral College Margins
1974–2024

The following chart shows how Trump's win stacks up historically among Republican winners in past 50 years.

Presidential Elections: Popular and Electoral College Margins (Republican

1974–2024