

# Demographics and U.S. Presidential Elections

## Can Changing Population Characteristics Explain Elections?

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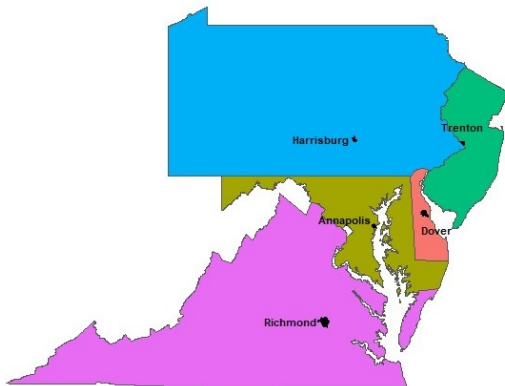
Northern Illinois University

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# States

I was assigned 5 states in the mid-Atlantic region of the United States:

- Maryland
- Pennsylvania
- New Jersey
- Virginia
- Delaware



## Brief Overview of Each State

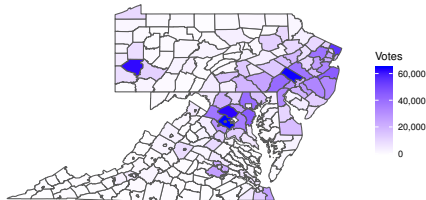
Mid Atlantic States					
	Maryland	Pennsylvania	New Jersey	Virginia	Delaware
Population	6,018,848	12,791,530	8,878,503	8,454,463	957,248
Largest City	Baltimore	Philadelphia	Newark	Virginia Beach	Wilmington
Largest Industry (by number of employees)	Real estate	Health Care and Social Assistance	Health Care and Social Assistance	Health Care and Social Assistance	Finance and insurance

Table: <https://www.bls.gov/oes/tables.htm>

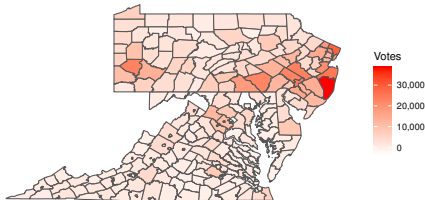
# Voting Patterns

From 2016 to 2020, there have been clear shifts in the number of votes recieved by the two major candidates for the US Presidential Election.

Change in Democratic Presidential Candidate Votes: 2016 to 2020



Change in Republican Presidential Candidate Votes: 2016 to 2020



**Figure:** Some of these changes could be explained by population growth, or changes in voter participation. To what extent can demography illustrate a fuller picture?

Table: Add caption

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<i>Dependent variable:</i>	
vote_change.REPUBLICAN	
perMale2019	25,679.63 -43,206.67
perWhite2019	-37,033.76 -29,214.96
Constant	3,594.208*** -384.436
Observations	248
R2	0.01
Adjusted R2	0.002
Residual Std. Error	5,679.760 (df = 245)
F Statistic	1.192 (df = 2; 245)
Note:	*p<0.1;**p<0.05;***p<0.01