

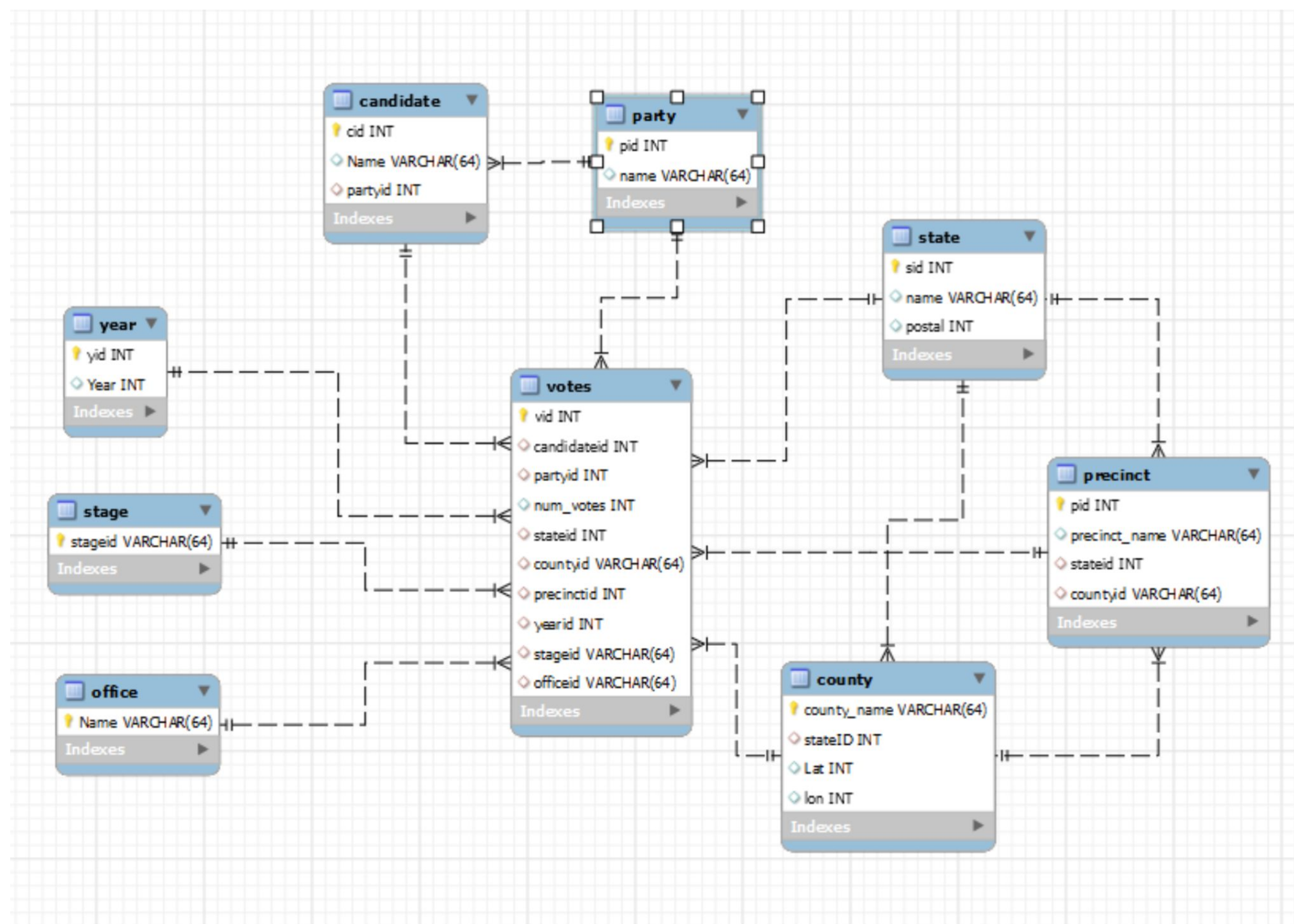


Election Data in the US

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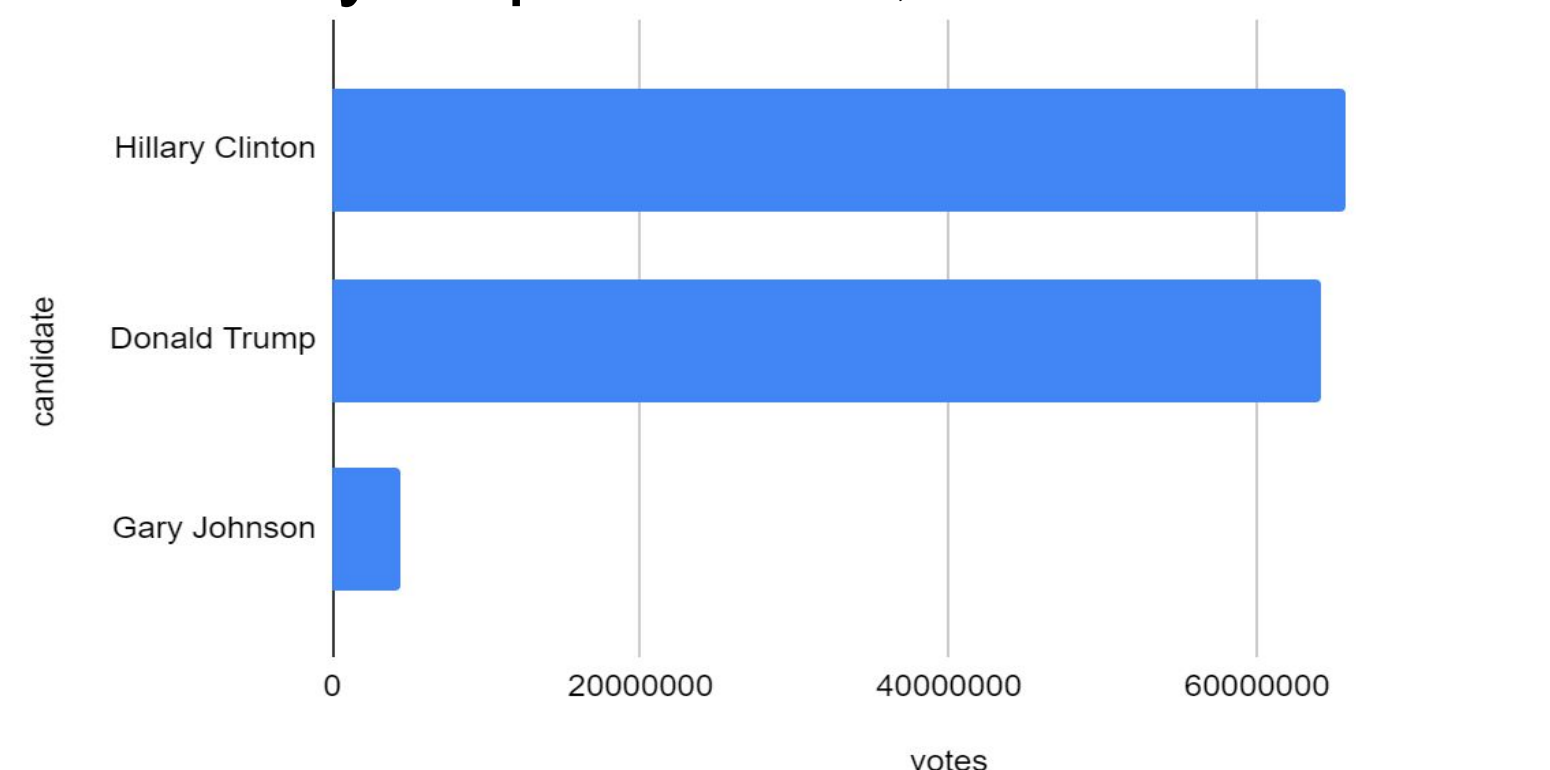


There is no one single database for the US past elections. Data is spread out among multiple places and cannot be queried to find specific information when needed. We have been working to solve this issue and have created a database that allows you to do just that.

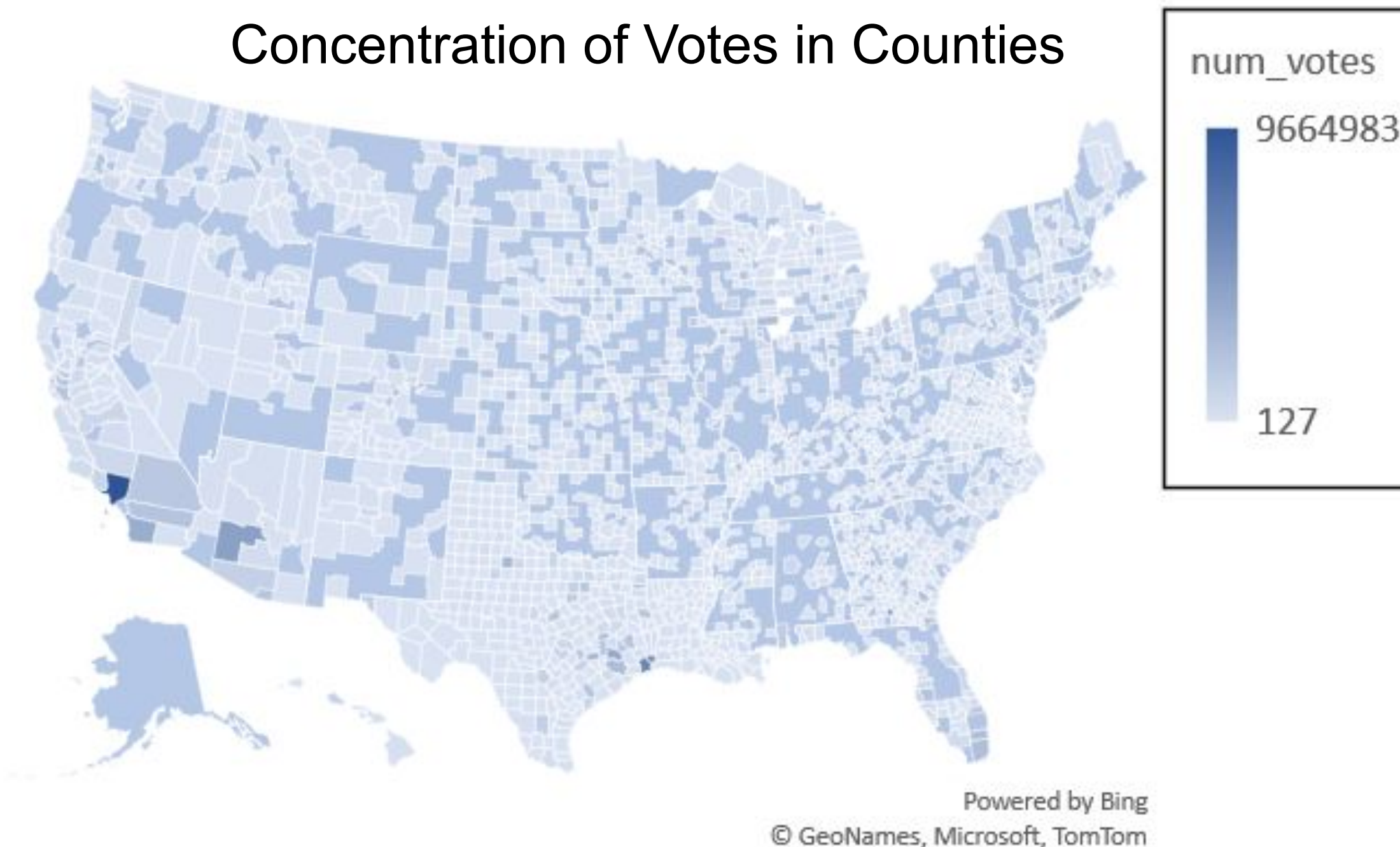


Database schema of the tables needed to convey the data. In total there are 9 tables each table maxing out at around 3 million lines of data.

Winner by Popular Vote, 2016 Presidential

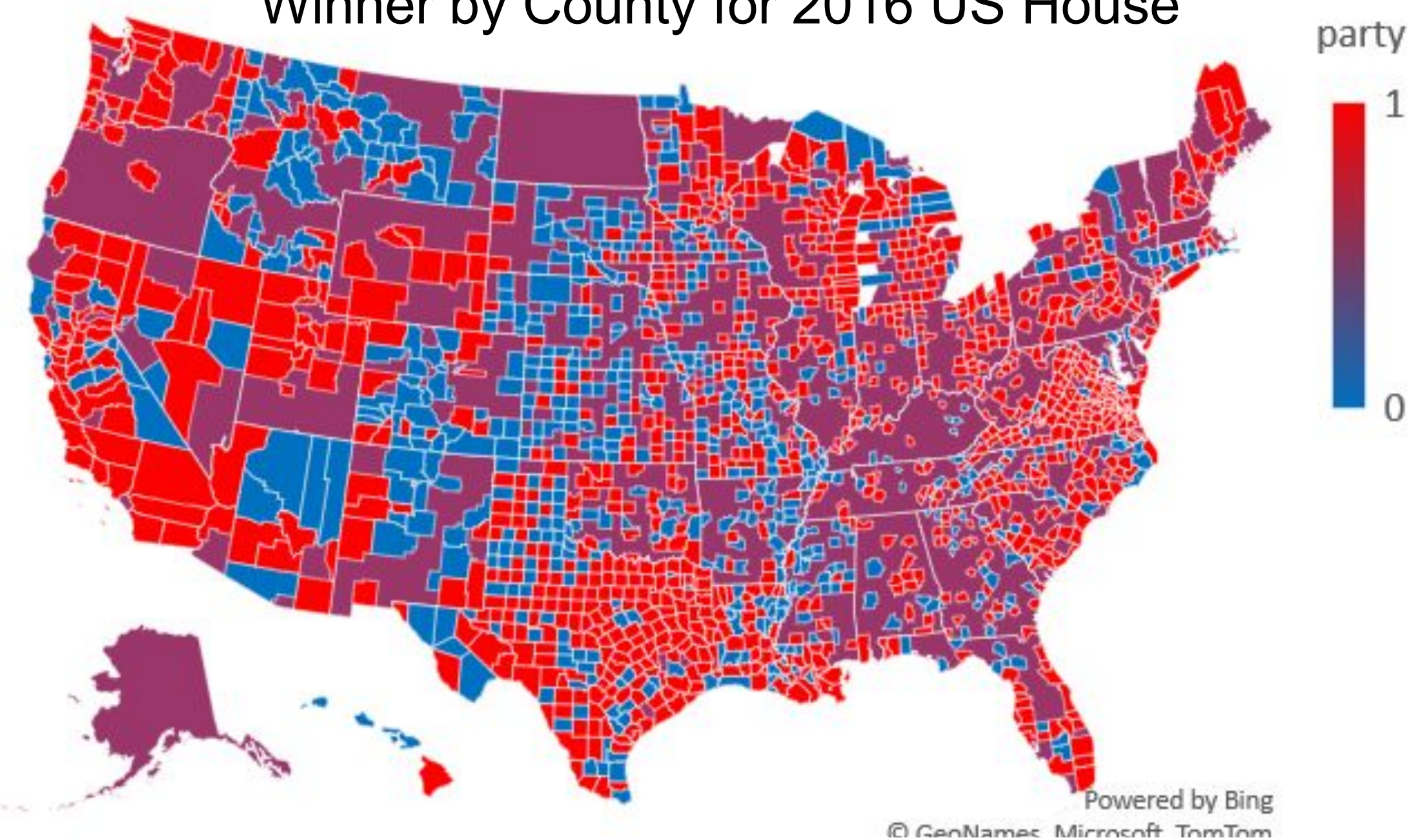


Concentration of Votes in Counties



Darker areas on the graph show increased voter participation. The data is split into each county which gives a detailed & specific look

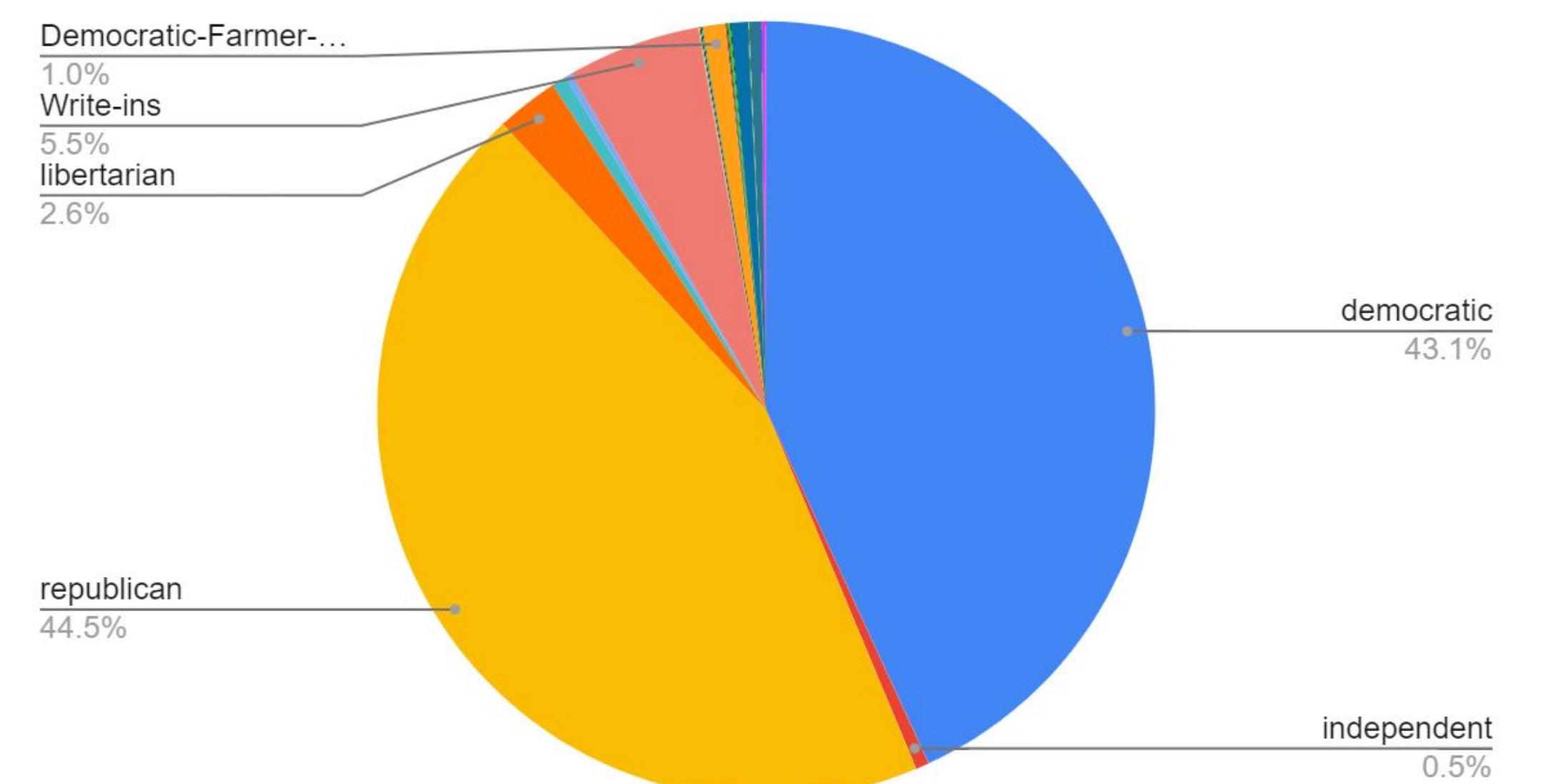
Winner by County for 2016 US House



Red areas show counties where the majority of the votes were Republican. Blue areas indicate counties where the majority of the votes were Democratic. Purple indicates unknown data/ data that does not represent Republican or Democratic.

In the future we hope to continue to add data from more elections. Adding more data will allow us to predict future elections base on past elections and trends that we are seeing.

Total votes



The pie chart shows the amount of votes each party received. Democratic & Republican having the majority with the next largest being write-ins. The query needed to retrieve this data is present below. Along with the query there is a few lines of the returned data.

```
select sum(num_votes), partyid from votes where oid = 2 group by votes.partyid;
```

	sum(num_votes)	partyid
1	62044105	democratic
2	790109	independent
3	63939211	republican
4	648	people's party