

Target Win Number for OR Congressional Primary

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Created: 3/21/2018

Methods Research:

- In Oregon, only registered party members can participate in a political party's primary election. This applies to both presidential preference primaries and primaries for other offices (including congressional, state-level, and local offices).
- Winners in Oregon primary elections are determined via plurality vote, meaning that the candidate with the highest number of votes wins even if he or she did not win an outright majority of votes cast.

Analysis process:

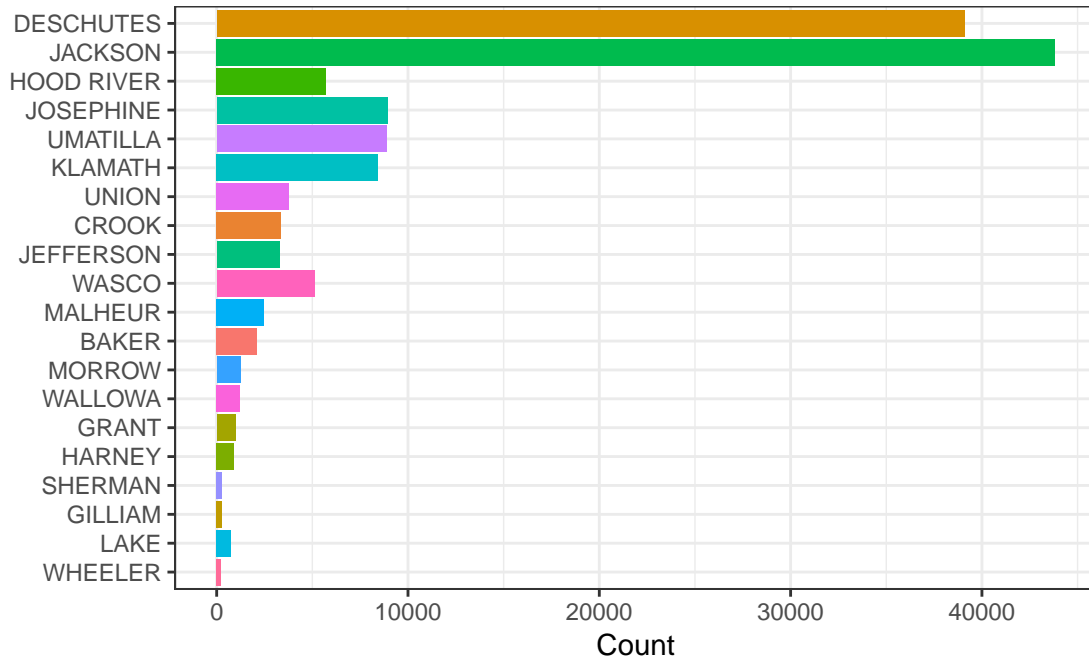
- load R libraries
- Get voter registration data from data.oregon.gov/ using Socrata
- Reduce the data set to the relevant district 2

COUNTY	CD_NAME	PARTY	COUNT.V.ID.
JOSEPHINE	US Congressional District 2	Democrat	7665
GILLIAM	US Congressional District 2	Democrat	300
WASCO	US Congressional District 2	Democrat	4871
MALHEUR	US Congressional District 2	Democrat	2541
HOOD RIVER	US Congressional District 2	Democrat	5753
LAKE	US Congressional District 2	Democrat	272

- Clean up the `SYSDATE` column (the date the data was entered) and extract out some date parts
- Visualize the Count of Active Registered Voters for the most recent data entry

Count of Active Registered Voters

Jackson County has the highest # of voters, followed by Deschutes



- The most recent months registration data and percentages

COUNTY	n	percentage
BAKER	2096	1.4878755
CROOK	3364	2.3879834
DESCHUTES	39082	27.7429156
GILLIAM	284	0.2016015
GRANT	976	0.6928275
HARNEY	897	0.6367483
HOOD RIVER	5698	4.0448066
JACKSON	43811	31.0998637
JEFFERSON	3291	2.3361633
JOSEPHINE	8926	6.3362485
KLAMATH	8424	5.9798966
LAKE	761	0.5402067
MALHEUR	2470	1.7533648
MORROW	1240	0.8802317
SHERMAN	292	0.2072804
UMATILLA	8893	6.3128230
UNION	3788	2.6889659
WALLOWA	1204	0.8546766
WASCO	5155	3.6593503
WHEELER	220	0.1561701

Total number of voters in District 2 as of 2018-03-12 is 140872

- Divide the total amount of registered voters by the amount of candidates + 1 to determine the target amount of voters or 14.29% of the votes!

Votes needed to win the Democratic Primaries is 20126