

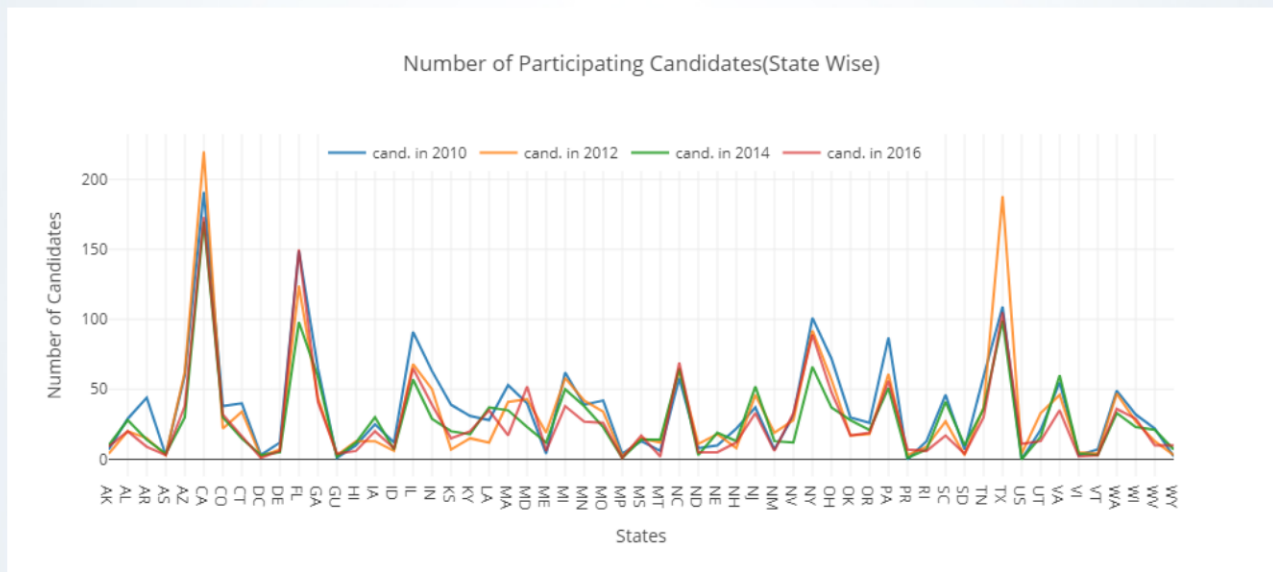
# Expenditure Report

## US Congressional Election's

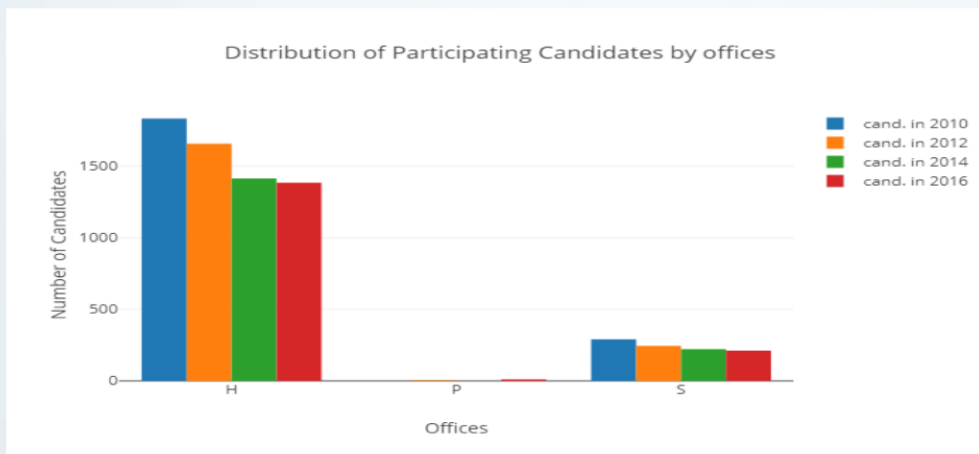
Let's get to know something about the people who spend millions of dollars in elections, which positions cost them how much, in general how much they spend, during what time of the year, for what purpose, and finally who receives the money. In other words try to maximize the revenues for companies/individuals receiving money

Note: the US tick on X axis stands for United States and shows presidential candidates

### Participation of candidates from different states through time



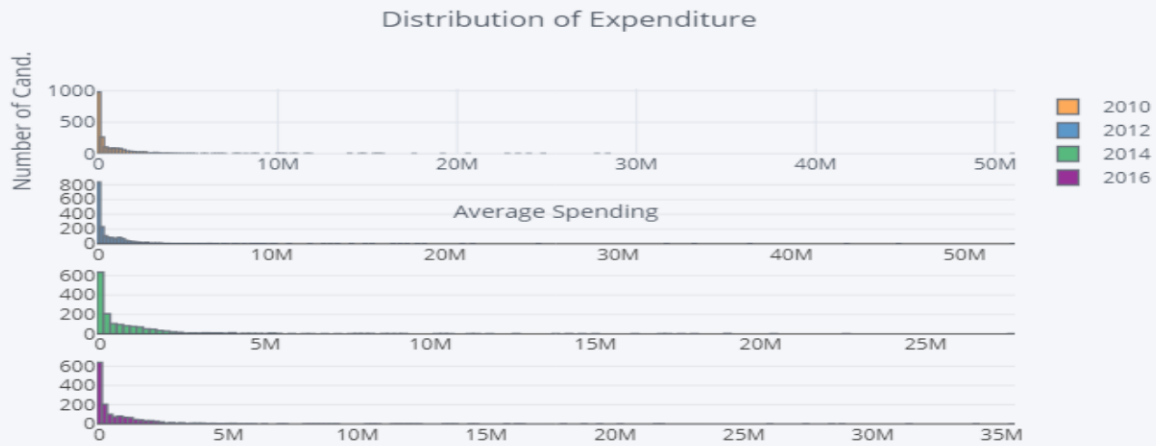
Now let us see the spread of candidates running for different offices Viz. House, Presidential, Senate



## Candidates

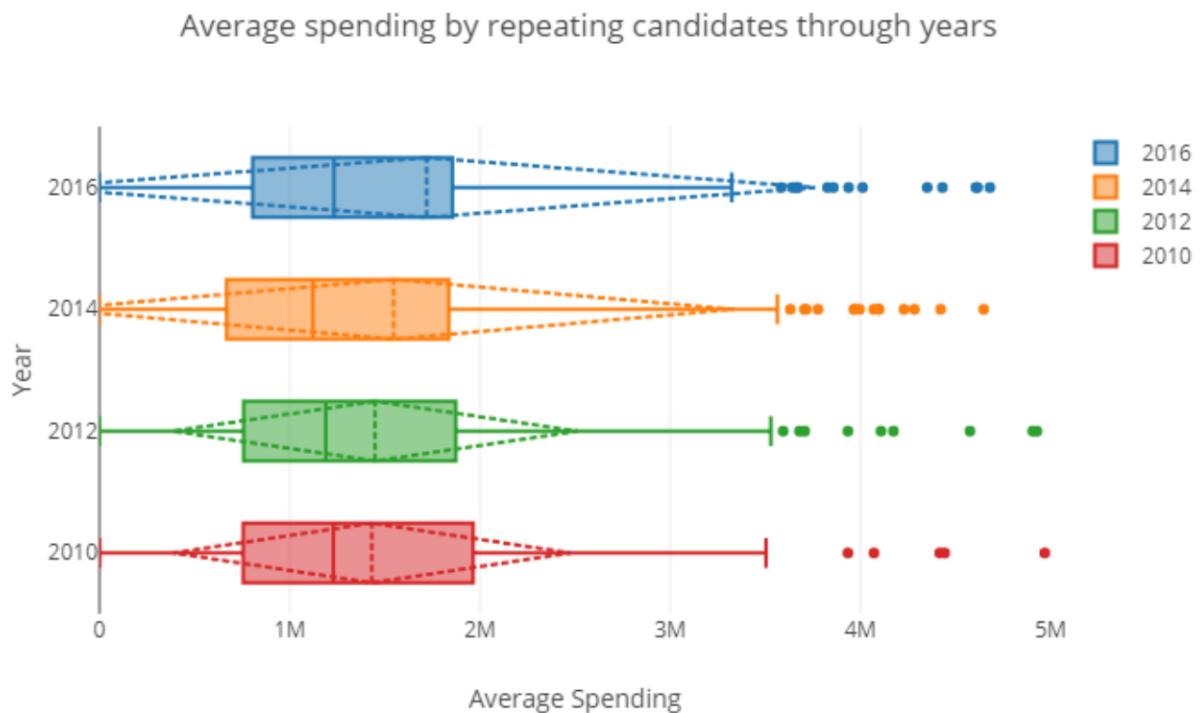
- States like California, Florida and Texas have high number of participating candidates
- Participating numbers from states follow a trend which hasn't varied much through the years
- The numbers have been decreasing through the years for both House and Senate office positions.
- There are no presidential candidates from 2010 and 2014.

Let us see the amount spent by candidates



All the histograms are highly skewed on the right side, which shows outliers. The spending Pattern is similar for 2010 and 2012, it falls from 10M to 5M in 2014 and is similar for 2016. Most of the people spend in the range 0—0—200k. Spending pattern shows downward slope or trend.

Let us check if the same could be said for repeating candidates.

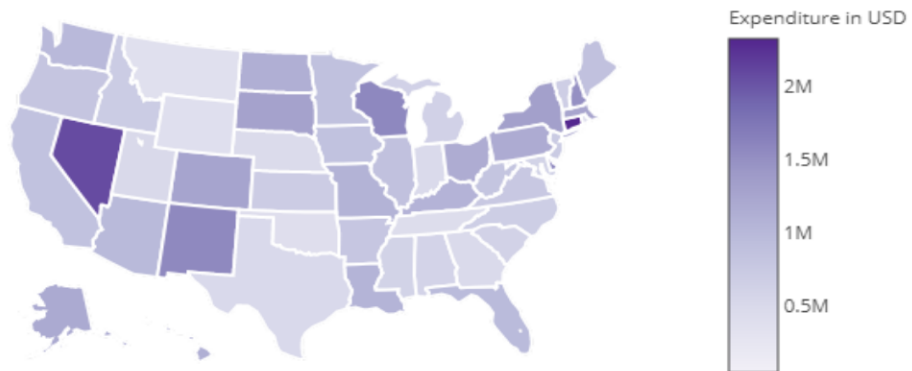


The repeating candidates tend to spend more through the years. The average spending has increased from 1.43 to 1.72 million through time.

Note: check mean for 2010(vertical dotted line) and 2016(vertical dotted line)

## Spatial Distribution of Candidates

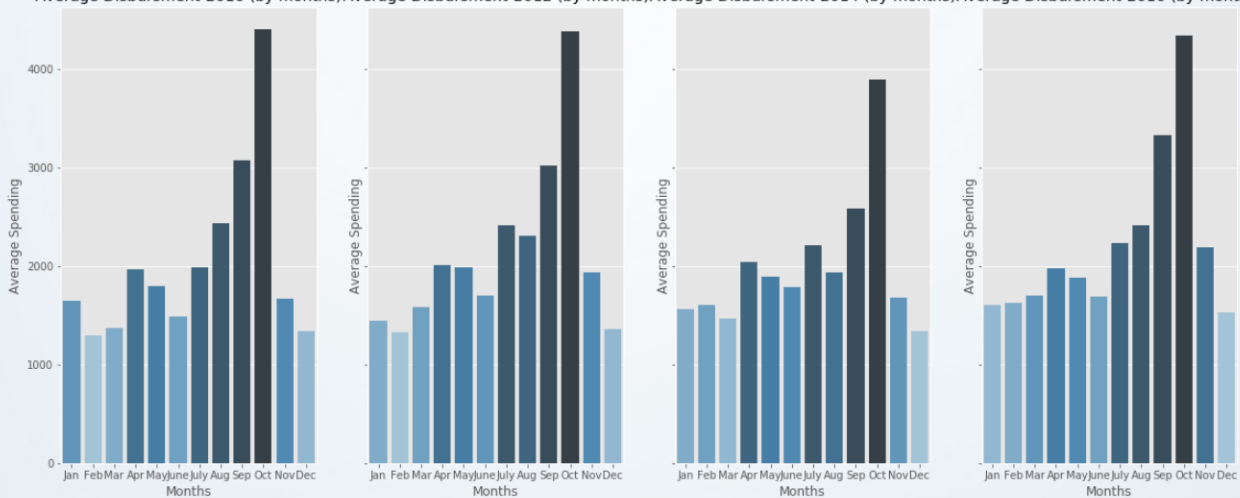
2010 US Congressional Elections Average Expenditure by State



Candidates from states like Nevada and Connecticut spend more on an average.  
States like California, Texas and Florida, inspite of having a larger number of candidates spend less on an average.

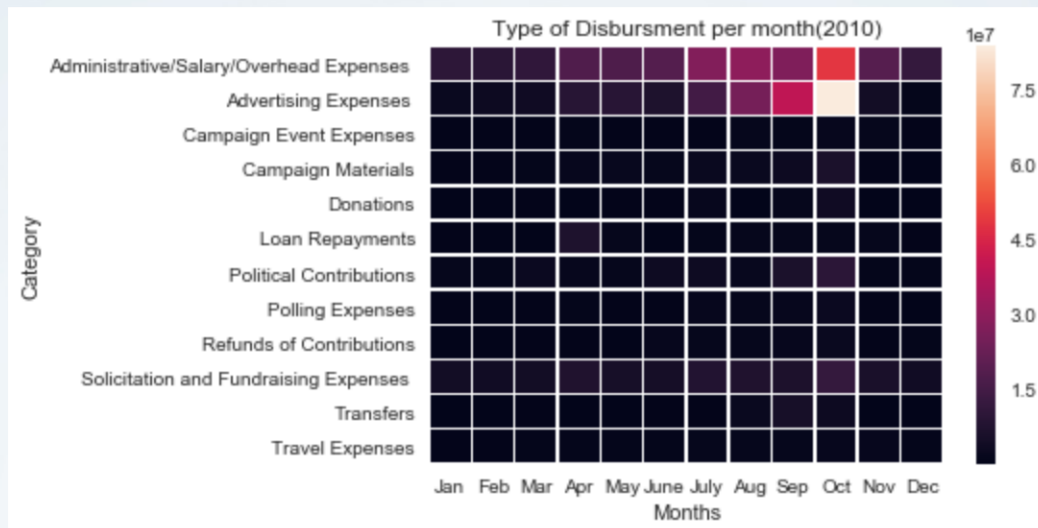
## What time of year they(candidate) spend money??

Average Disbursement-2010 (by months) Average Disbursement-2012 (by months) Average Disbursement-2014 (by months) Average Disbursement-2016 (by months)



Looks like candidates spend most of the money in October. However, the expenditure in October has been decreasing slightly through the years. The other months show an increase through the years, indicating candidates have started preparing early.

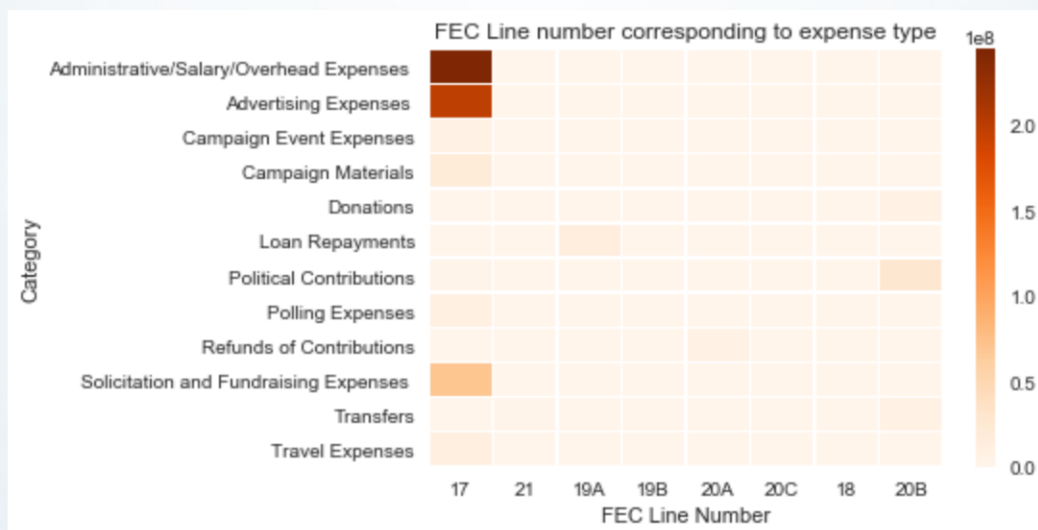
## Where do they(candidates) spend millions and millions of dollars??



Most of the money is spend in October on Advertising. Other than advertising, money is mostly spent on Administrative/Salary/Overhead followed by Solicitation and Fundraising Expenses.

Note: this graph looks same for all the years

## How do they(Candidates) show the Expenses?



Most of the expense is shown on line line 17 of the FEC form.