

US Congress on “NAFTA”

A text and network analysis of Twitter activity from members of the House in the 115th Congress

December 14, 2017

Producer

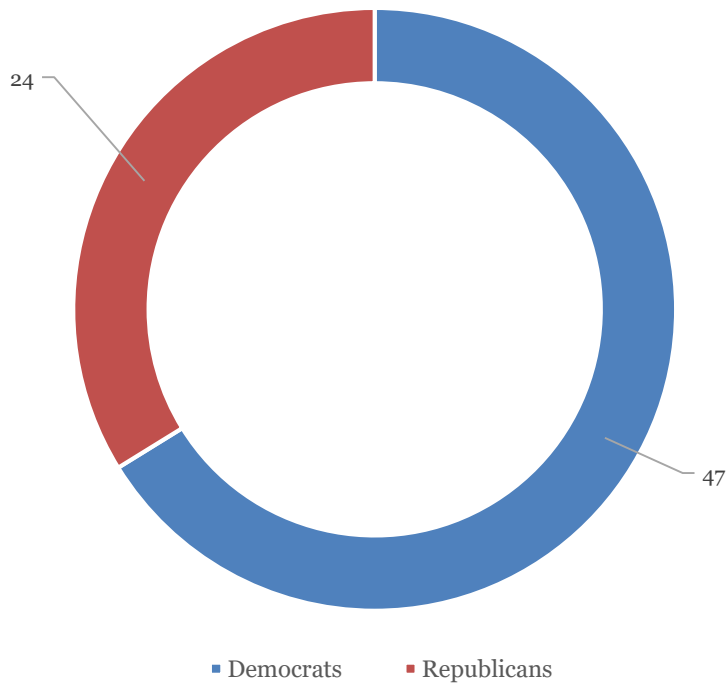
Theo Goetemann

Director

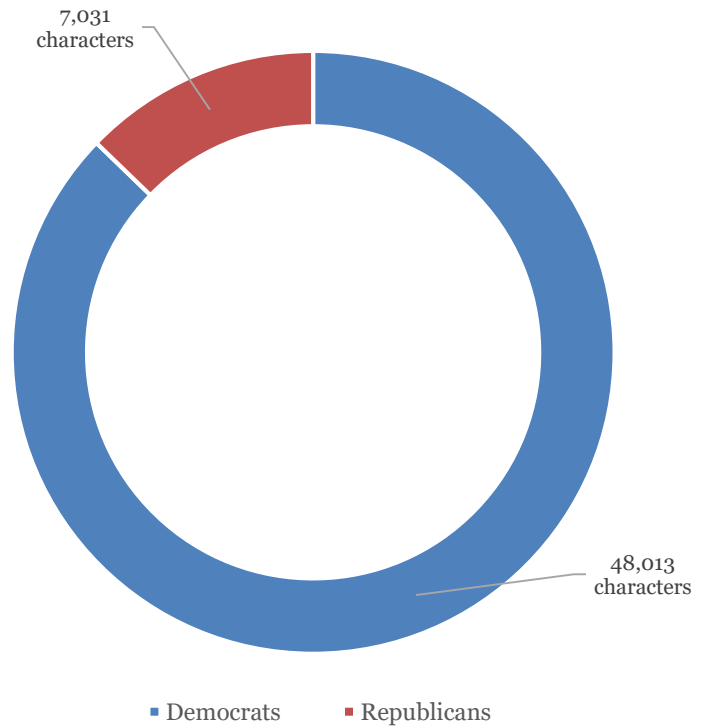
Alistair Taylor

Breakdown of House members active on Twitter on “NAFTA”

Number of House members tweeting about “NAFTA” by political party



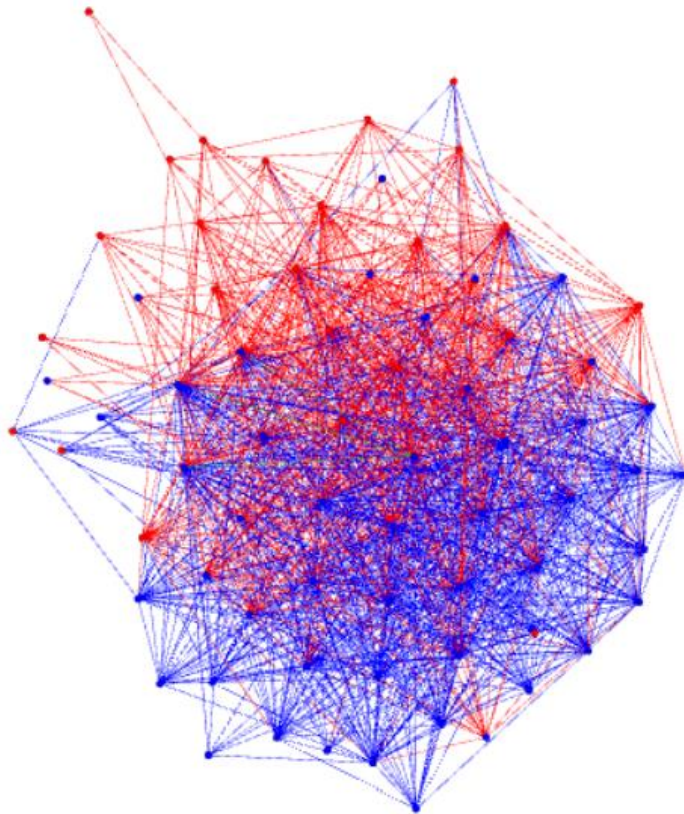
Total number of characters in tweets on “NAFTA” by political party*



Sources: National Journal Research, 2017.

Network visualization of House members' Twitter content

Query term: "NAFTA" Date range: June 2010– October 2017 Correlation: >0.2



- Color: political party
- Edge color: political parties of nodes edge connects

Network graphs visualize relationships between objects in a network. In the case of this network visualization of congressional House members' tweets on NAFTA, the edges (the lines connecting nodes to one another) connect two congressional members who share a certain level of text correlation in their tweets that include the term "NAFTA."

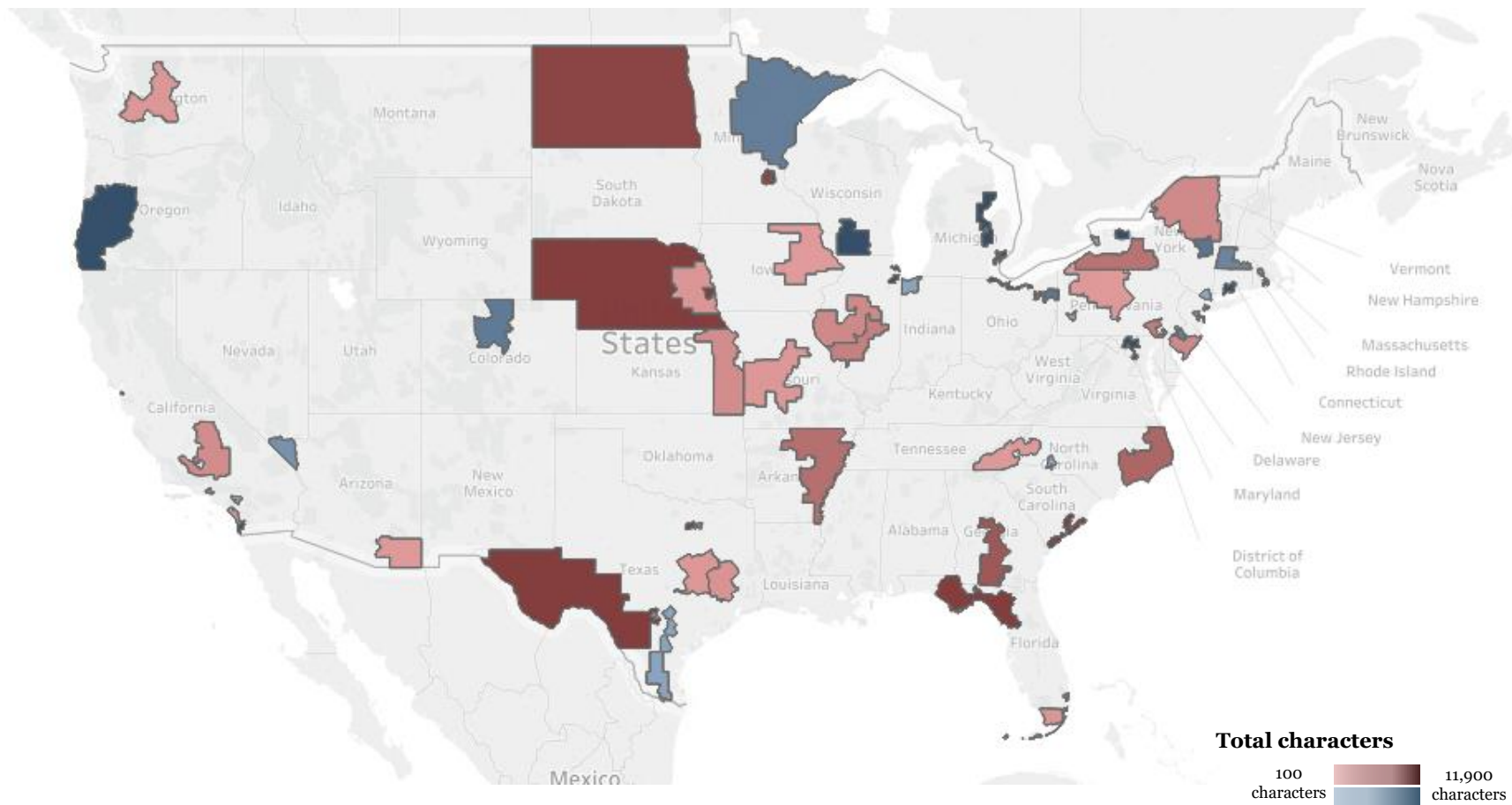
Network graphs can be directed or undirected. This particular graph is undirected (directed graphs are usually indicated by an arrow at one end of the edge to show directionality) as it is displaying text correlation.

Correlation is determined by word overlap between all tweets from House members regarding NAFTA from June 2010 (or whenever the member joined Congress after June 2008) up until November 2017. The higher the correlation level, the more word overlap there is in the two respective House members' tweets on NAFTA.

- Democrat
- Republican

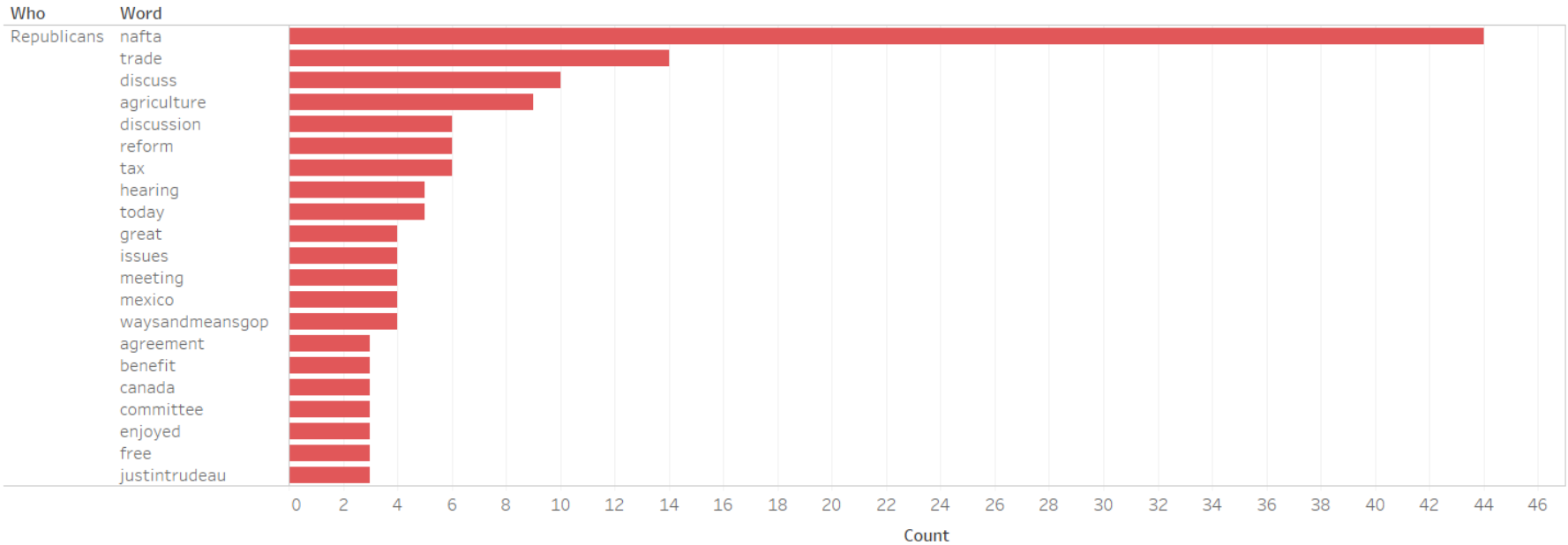
Map of House members who have tweeted about NAFTA

Query term: "NAFTA" Date range: June 2010 – November 2017 Color: total characters



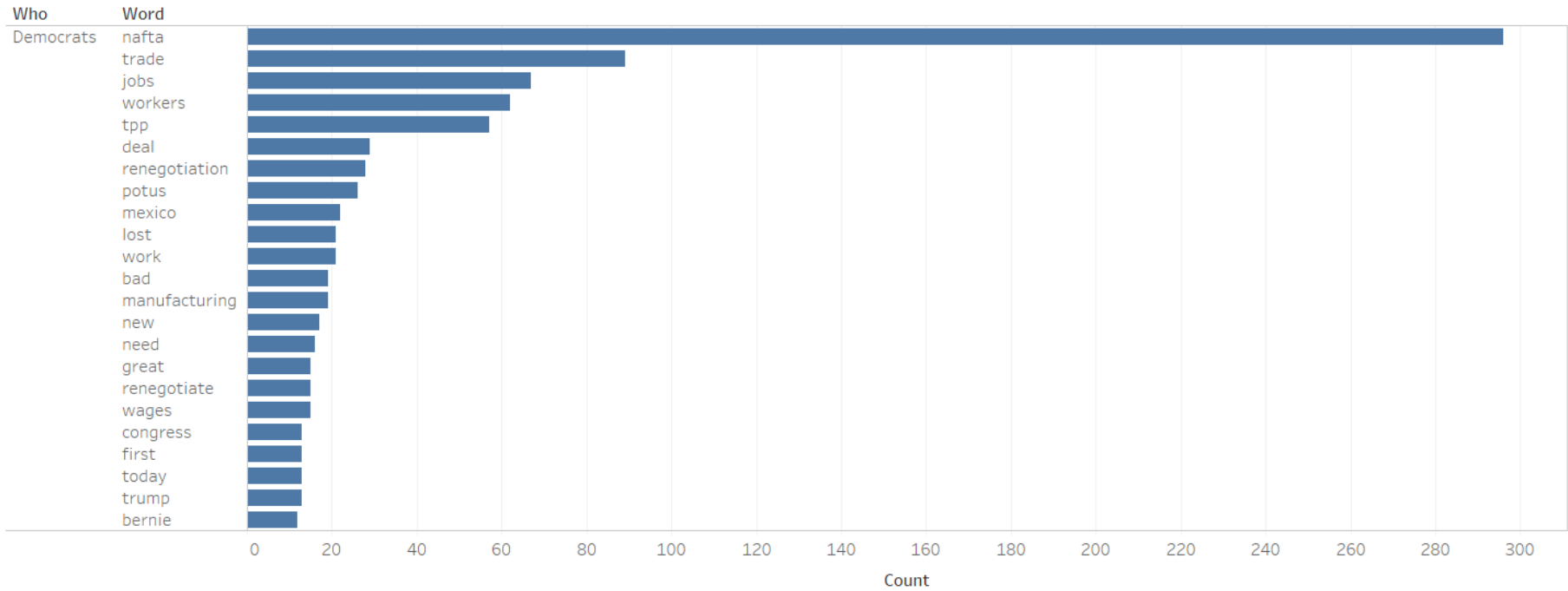
Sources: National Journal Research, 2017.

Top words used by House Republicans



Sources: National Journal Research, 2017.

Top words used by House Democrats



Sources: National Journal Research, 2017.