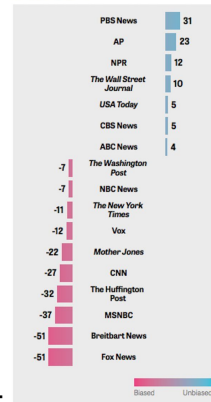


Data Summary April 10th, 2019:

1. Data focusing on conflict between Omaha Native American Nathan Phillips and Covington HS student Nicholas Sandmann. (8 total articles)
 - a. Dates between January 20th-23rd
 - b. 6 full articles from 6 different sources:
 - i. Breitbart News (Jan 22nd)
 - ii. Washington Post (Jan 20th)
 - iii. National Public Radio (NPR) (Jan 20th)
 - iv. Fox News (Jan 20th)
 - v. USA Today (Jan 20th)
 - vi. CNN (Jan 23rd)
2. Specific complete website data that focuses on 20 articles per news source and time period combination, 5 of which pertain to the government shutdown. There are 8 news sources included, divvied up between 4 “global” news sources and 4 local news sources. The 4 global news sources are MSNBC, Fox News, The Wall Street Journal, and The New York Times. The 4 local news sources are The Roanoke Times, Richmond Times-Dispatch, Virginian Pilot, and The News and Advance. Therefore, we have $20 \times 3 \times 8 = 480$ total articles.
 - a. December 19th-26th 2018
 - b. January 22nd-29th 2019
 - c. February 8th-12th 2019
3. Test Oscars data from NewsAPI (reduced content) from end of February (approximately from Feb 22nd-26th) Around 1000 articles of reduced content in JSON format
4. Test data from NewsAPI (reduced content) from the 1000 (up to 1000) most recent articles from a particular day
 - a. February 6th-27th
 - b. From specific sources:
 - i. Associated Press
 - ii. Wall Street Journal
 - iii. USA Today
 - iv. CBS News
 - v. ABC News
 - vi. Washington Post
 - vii. NBC News
 - viii. New York Times
 - ix. CNN
 - x. Huffington Post
 - xi. MSNBC
 - xii. Breitbart News
 - xiii. Fox News

**Net Bias Scores of News Organizations,
U.S. Adults**

Percentage rating each as unbiased minus percentage rating each as biased



- c. All of these sources focus on the graphic:
 - i. Link: <https://www.businessinsider.com/most-biased-news-outlets-in-america-cn-n-fox-nytimes-2018-8#4-huffpost-32-4>
- d. The only sources that were not on NewsAPI from this list are...
 - i. PBS News
 - ii. NPR
 - iii. Vox News
 - iv. Mother Jones
- e. We can only list up to 20 sources in the NewsAPI
5. Data from NewsAPI accessing all possible content in a day (around 2k articles)
 - a. March 2nd-Present
 - b. Sources from the list mentioned above

Future work:

1. Currently waiting on a response from NewsAPI to see if we can access articles up to a year old in addition to the full content from each article
2. If we can not get a license from NewsAPI for free we can...
 - a. Develop a manual webscraper that goes through each link brought back from the api and go through each site manually, recording the text of each document
 - b. Use something like an RSS feed (less risk than 2a)
 - c. Pay NewsAPI for a month or so, so we can get 250k calls to the API, and access all articles up to a year ago and full content
3. Contact a librarian to discuss possibilities of getting news articles from more than a year ago (can't use NewsAPI to access)
 - a. 9/11
 - b. Trump election
 - c. Other bigger news events