

Google News Bias Analysis, 2022

October - November 2022

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Table of Contents

Overview	3
Results	3
Background on Google News	7
Previous Research on the Media Bias of Google	8
Purpose & Methodology	9
Content Collection: Homepage	9
Content Collection: Topics	9
How AllSides Made This Analysis as Objective as Possible	9
Findings	10
In-Depth Findings: Homepage	10
In-Depth Findings: Topics	14
Search Term: "Trump"	15
Search Term: "Biden"	16
Search Term: "Election"	17
Search Term: "Crime"	18
Search Term: "Economy"	19
Search Term: "Abortion"	20
About AllSides™	21
About AllSides Media Bias Ratings™	21
Inquiries	22
Appendix A: Table of Articles Analyzed for Method 1	23
Appendix B: Table of Articles Analyzed for Method 2	33
Appendix C: Sample Screenshots from Analysis	42
Screenshots: Method 1	42
Screenshots: Method 2	43

Overview

An AllSides analysis of <u>Google News</u> bias found the news aggregator displayed stories from media sources with a left or lean left bias far more often than sources with a lean right, right, or center bias.

The left-leaning slant of Google News is consistent with previous analyses, including a 2019 AllSides bias analysis following shootings in Ohio and Texas, a 2018 AllSides bias analysis, and an audit by the Computational Journalism Lab at Northwestern University. All four analyses used different methodologies.

The 2022 AllSides Google News Bias Analysis cross-referenced Google News suggested articles and search results with the AllSides Media Bias Rating™ for each media source. AllSides Media Bias Ratings™ are determined by a methodology that reflects the averagement judgment of all Americans. This report provides details about the methodology and how the analysis avoided bias on the part of the researchers.

Note that this analysis does not investigate whether the political leanings or biases displayed by Google News are intentional. While it is possible that the political leanings are overtly or covertly intentional, it is also possible they are accidental. These leanings could be a fair reflection of content available online, of the perspectives of the average online user, or of the greater effectiveness one political side has in promoting its perspectives online. Whether Google should provide a broader or more balanced diversity of perspectives, and whether that would support or hinder a healthier democratic society, is a philosophical or ethical question beyond the bounds of this analysis.

Results

The AllSides Google News analysis found 61% of media outlets presented on Google News' homepage over a 5-day period leading up to the 2022 midterm election were from sources AllSides rates as on the left, with just 3% from outlets on the right.

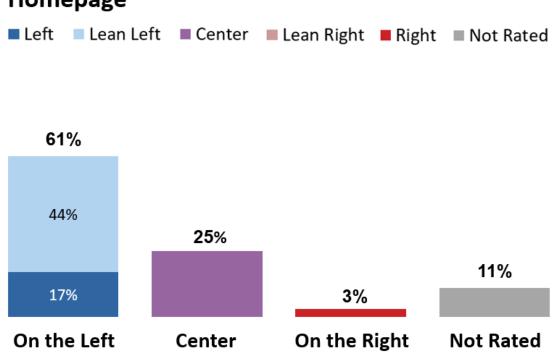
The search term "election" returned no results from Center-, Lean Right- or Right-rated media outlets in the days leading up to the 2022 midterm elections. Twenty-eight percent of articles presented by Google News for this search term were from CNN (Left), and 16% of articles were from The New York Times (Lean Left).

Overall, the analysis found Google News presented stories from news sources with an <u>AllSides Media Bias Rating™</u> of <u>Left</u> or <u>Lean Left</u> far more often than sources rated <u>Center</u>, <u>Lean Right</u> or <u>Right</u>. These findings corroborated <u>AllSides' Media Bias Rating of Google News</u> as <u>Lean Left</u> overall. Google News' homepage heavily favored content curated from <u>CNN (Left bias)</u>, showing stories from this website most often (15% of total stories were from this outlet).

The findings are based on an analysis of 301 articles aggregated by Google News from Oct. 31-Nov. 4, 2022. Two methodologies were deployed for this analysis: *Method 1: Homepage* involved collecting 151 articles from Google News' homepage, and *Method 2: Topics* involved collecting top curated articles for selected Google News search terms.

Method 1 found that 61% of media outlets curated on Google News' homepage were rated by AllSides as on the left during the 5-day period (17% Left, 44% Lean Left),
 25% were rated Center, and 3% were rated as on the right (3% Right, 0% Lean Right):

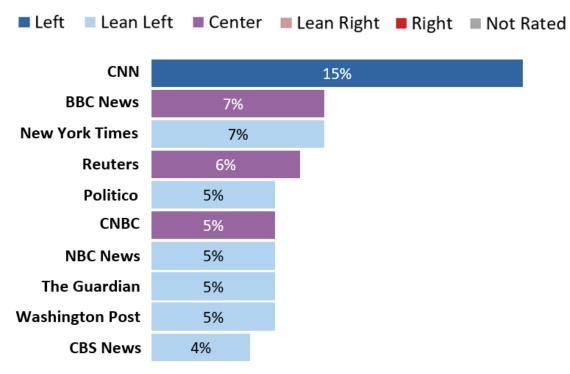
Top Media Outlets Curated on Google News' Homepage



Based on 151 articles collected over a 5-day period on Google News' homepage. See full report for methodology.

 Method 1 also identified the top 10 most prominent news media outlets published on Google News during the time frame analyzed. Of these, seven were rated as on the left (1 Left, 6 Lean Left), three were rated Center, and none were rated as Right or Lean Right.

Top News Media Sources Curated on Google News' Homepage & its AllSides Media Bias Rating

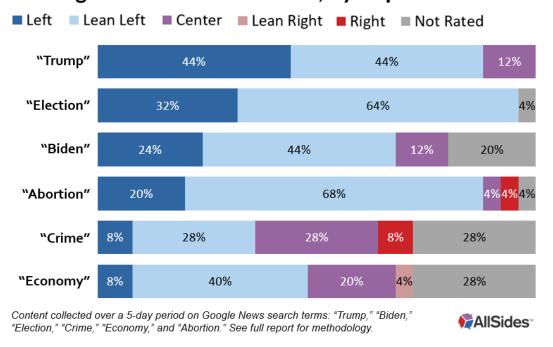


Based on percentage of articles, out of 151, attributed to a source. Articles collected over a 5-day period on Google News' homepage. See report for methodology.



• Method 2 focused on six selected search terms: "Trump," "Election," "Biden," "Abortion," "Crime," and "Economy." For each search term, Google News results from outlets on the left outnumbered outlets from the right and outlets rated Center:

AllSides Media Bias Rating of News Sources Curated in Google News Search Results, by Topic

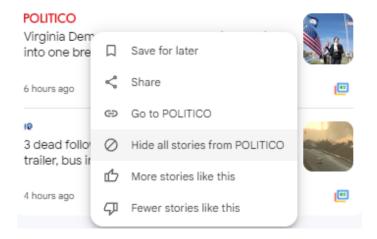


Background on Google News

<u>Google News</u> is a news aggregator that provides content from various news media outlets. As one of the most popular news aggregation tools in the world, it does not produce its own reporting, but instead uses machine learning to identify and display stories being covered around the world. Its website can be accessed by visiting <u>news.google.com</u>.

In June 2022, the Google News homepage <u>received a web interface refresh</u>, which focuses more on content customization, an expanded 'fact check' section, and more. As of December 2022, the new interface is only visible to signed-in Google users.

Google News' homepage is customizable by the user. By clicking on a menu button visible on each article, users can request to see "more stories like this," "fewer stories like this," or even hide all articles from that source altogether. (See image below for example).



Previous Research on the Media Bias of Google

As of December 2022, the <u>AllSides Media Bias Rating for Google News</u> was <u>Lean Left</u>, which means that the aggregator tends to favor perspectives from those on the left – in this case, liberal media outlets. This rating was based on two AllSides analyses of Google News, conducted in <u>2018</u> and <u>2019</u>, which both found Lean Left bias in Google News, as well as a 2019 Northwestern University audit that found just 20 news sources – mostly on the left – account for more than half of article impressions on Google Top Stories. A total of 1,960 people have voted on the AllSides Media Bias Rating for Google News; roughly 60% agreed with the rating. (Community votes are raw, unnormalized data).

To view AllSides' source page for Google News, click here.

The AllSides Media Bias Rating for Google News was based on previously conducted research on Google News. A 2018 AllSides <u>research report</u> on Google News and Google News search results found that the aggregator is biased toward Left and Left-leaning news sources.

The rating is also based on two audits conducted in 2019, which assessed results from Google's "Top Stories" section. A Northwestern University <u>audit</u> found that Google's "Top Stories" section, which often appears at the very top of Google search results, favors just 20 media outlets, most rated Lean Left by AllSides. Another 2019 AllSides <u>audit</u> found Google's "Top Stories" section heavily favored liberal news outlets when searching for terms related to two mass shootings.

According to the 2014 Pew Research Study, <u>Where News Audiences Fit on the Political Spectrum</u>, 37% Google News readers held political values to the political left or left-of-center. 20% of Google News's audience was right or right-of-center, and roughly 43% of Google News' audience was considered mixed or center.

Purpose & Methodology

AllSides conducted this comprehensive media bias analysis of Google News to determine the political bias of media outlets that Google News curates.

Content Collection: Homepage

In the analysis, AllSides recorded the first 10 stories from the "Top Stories" section, as well as the first 3 stories in "World News" and "U.S. News" sections every day at 10am ET and 5pm ET for 5 days. In some cases, the number of articles in the "Top Stories," "World News," or "U.S. News" sections were less than the number described above – in these cases, only the stories shown in that section were included in the analysis. In total, 151 articles were compiled from October 31 – November 4, 2022.

Content Collection: Topics

In its analysis of Google News topics, AllSides pulled the top 5 articles under 6 different search terms – *Trump, Biden, Election, Crime, Economy,* and *Abortion* – over a 5-day period. A total of 150 articles were analyzed, or 25 articles from each search term. These articles were pulled between October 31–November 4, 2022.

How AllSides Made This Analysis as Objective as Possible

In an effort to be as objective as possible in the analysis, a few methods were taken to ensure that results would not be affected by location or other factors that could impact the display of articles on Google News. This included, but was not limited to, accessing the Google News homepage in a private browser, cookie blocking, and incorporating 'spot checks' to ensure the same content was being seen by different AllSides team members accessing the Google News website at the same time from different locations in the U.S.

All news stories, regardless of topic (e.g. political news, weather, sports, etc.) were analyzed to help paint a more comprehensive picture of Google News. The user interface was not customized at all; no sources were selected to be hidden from the user. Although Google News can be customized by the user, this analysis considered only what users would be able to see without personalization features enabled.

AllSides also only took the media outlet into account – not the content of the article itself – for this analysis. For example, any article curated from <u>CNN</u> was considered Left, reflecting the outlet's overall AllSides Media Bias Rating at the time of the analysis. AllSides Media Bias Ratings reflect the average view of people across the political spectrum, not one individual or group. AllSides' media bias rating <u>methodology</u> is based on Blind Bias Surveys of Americans across the political spectrum and expert panel reviews by a multipartisan group, preventing one elite group or individual from having a disproportionate impact on the ratings.

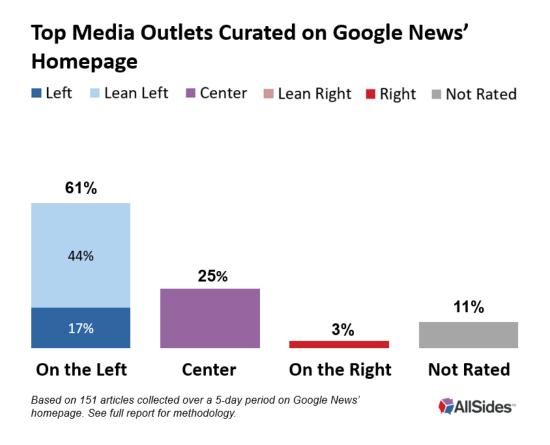
Findings

The AllSides analysis of Google News found that the website aggregates stories from sources AllSides rated as on the left far more often than sources from the right. Findings were similar between both methods used to analyze the media outlet.

In-Depth Findings: Homepage

About 6 in 10 articles featured on Google News' homepage were from media outlets rated as Left or Lean Left by AllSides. Google News' homepage curated content from CNN more than any other news outlet.

Roughly 44% of the articles collected were from Lean Left outlets. 17% were from the Left, 25% from the Center, and 3% from the Right. The homepage featured no articles from Lean Right sources over the five-day period. The remaining 11% of articles were from outlets that were Not Rated by AllSides.



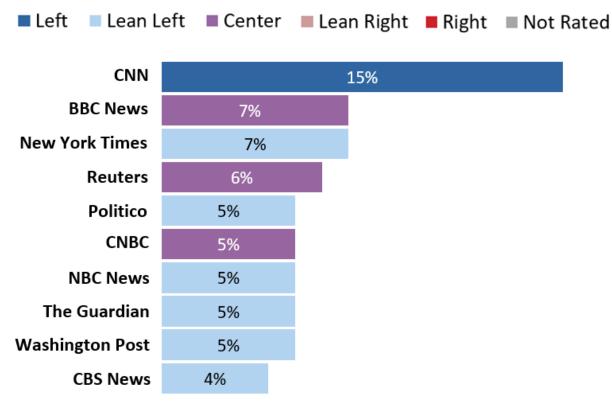
Of those unrated outlets, over half were local or international outlets – many of which AllSides does not rate.

Sometimes, there were no stories from Lean Right or Right-rated outlets present on Google

News' homepage at all: AllSides collected content at 10 different times across 5 different days; for 6 out of these 10 content collection times, there were zero articles from outlets on the right present on the Google News homepage.

The top 10 most prominent outlets published on Google News encompassed 63% of all coverage (95 out of 151 articles). They are as follows, with the percent of total stories analyzed displayed for each:

Top News Media Sources Curated on Google News' Homepage & Its AllSides Media Bias Rating



Based on percentage of articles, out of 151, attributed to a source. Articles collected over a 5-day period on Google News' homepage. See report for methodology.



Six of the top 10 outlets found on Google News' homepage were rated as Lean Left by AllSides, and the top outlet - CNN - was rated Left. The final three outlets were rated Center.

None of the top 10 outlets were rated as Right or Lean Right by AllSides. In fact, <u>Fox News</u> (<u>Right bias</u>) actually took the 11th spot, encompassing about 3% of the 151 articles evaluated in this analysis.

A breakdown of the Google News homepage for each day of the analysis was as follows:

Day 1: October 31, 2022

10am ET

On the first day of content collection at 10am, 31% of the homepage articles were from Lean Left outlets, 25% from Center outlets, 19% Left, 6% Right, and 19% Not Rated. Notably, much of the coverage in the "Top Stories" section that day was about the election in Brazil and featured a balance of outlets. News stories in the "Top Stories" or "U.S. News" sections that were focused on domestic issues were predominantly from Left or Lean Left outlets. Four of the articles were about the Halloween Stampede in Seoul, South Korea.

5pm ET

Later that day, at 5pm, 50% of articles were from Lean Left outlets, 19% from Left outlets, 13% from right-rated outlets, 13% Center, and 6% not rated. In terms of topic, 31% were related to the <u>Paul Pelosi attack</u> and another 31% of the articles were about an affirmative action case in the U.S. Supreme Court.

Day 2: November 1, 2022

10am ET

44% of articles were from Lean Left outlets, 25% from Left-rated outlets, 19% were not rated, and 13% Center. None of the articles on Day 2 at 10am were from outlets on the right. The Paul Pelosi attack remained a major focus of news coverage, consuming 31% of the stories at 10am. The stampede in South Korea also remained in the news with four homepage articles.

5pm ET

50% of articles came from Lean Left outlets, 31% from Center outlets,, 13% from outlets on the Left, and 6% not rated. None of the articles were from Right-rated outlets. The top four articles were about Lindsey Graham being subpoenaed to testify by the Georgia State Supreme Court.

Day 3: November 2, 2022

10am ET

44% of articles were from Lean Left outlets, 25% Left rated outlets,, 25% Center, 6% Right-rated. The main topics on the homepage were about a North Korean missile launch (four articles) and a grain exportation deal between Russia and Ukraine (four articles).

5pm ET

38% of articles were from Lean Left outlets, 31% were from the Center, 19% were Left, and 13% of outlets were Not Rated. None of the articles on the homepage at 5pm were Right-rated.

There were five articles about Israel's former prime minister Benjamin Netanyahu winning the election to return as prime minister.

Day 4: November 3, 2022

10am ET

39% of outlets were Center rated, 31% were Lean Left, 23% were Not Rated, and 8% were Left. None of the articles were from Right-rated outlets. All of the unrated articles were from international sources. The top 31% of articles were about an assassination attempt on former Prime Minister of India Imran Khan.

5pm ET

70% of the articles were from Lean Left outlets, 20% were Center, and 10% were Left. None of the articles were from right-rated outlets. There were a variety of topics covered on the homepage including the Israeli election and Trump's lawsuit against the New York attorney general.

Day 5: November 4, 2022

10am ET

44% of articles were from Lean Left outlets, 31% Center, 13% Left, and 13% Not Rated. None of the articles were from right-rated outlets. The top stories focused on the Paul Pelosi attack (mostly Left and Lean Left sources) and the potential for Trump to launch a 2024 presidential bid (mostly Center and Lean Left sources). All of the world news came from Center sources.

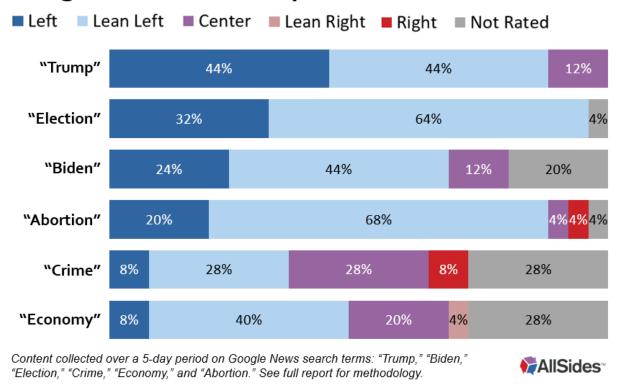
5pm ET

50% of articles were from Lean Left outlets, 19% from the Center, 13% Left, and 6% of the articles were from Right rated outlets. The top articles were similar to earlier in the day, with a focus on Paul Pelosi and Donald Trump's potential presidential bid.

In-Depth Findings: Topics

The analysis found that Google News showed articles from left-leaning outlets more than outlets on the right or in the Center, regardless of the term searched.

AllSides Media Bias Rating of Sources Curated by Google News, Select Topics



It was clear that the Google News algorithm favored left-leaning outlets in the results of specific search terms during the length of the analysis (October 31 - November 4, 2022). While search terms *crime* and the *economy* resulted in a more diverse array of outlets, the search terms *Biden*, *Trump*, *election*, and *abortion* had a strong lean toward outlets rated Left or Lean Left by AllSides.

Out of 150 articles, 4 were from Lean Right or Right outlets. Across topics, 19 out of 150 articles were from Center-rated outlets, about 13%. 48% of the articles gathered were from Lean Left outlets and 23% were from Left-rated outlets. 13% of outlets were Not Rated and of those unrated outlets, 37% (7/19) were from U.S. Government agencies such as the White House, the Treasury, and the Chamber of Commerce. About 8% of the total articles were from local sources, many (but not all) of which were Not Rated by AllSides.

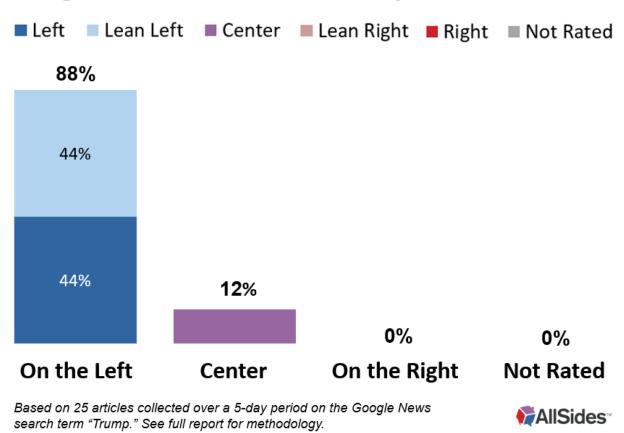
A breakdown of the search terms and AllSides Media Bias Rating for aggregated outlets was as follows:

Search Term: "Trump"

When searching the term "*Trump*" over a 5-day period, 8 of the 25 (32%) articles were from <u>CNN (Left bias)</u>, and 5 of the 25 (20%) articles were from <u>The Guardian (Lean Left)</u>. Notably, 6 of the 25 (24%) articles pulled were about Trump's financials and tax returns, and 6 out of 25 (24%) were about Trump's potential presidential run in 2024.

No Lean Right- or Right-rated outlets were present in these search results.

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Trump"

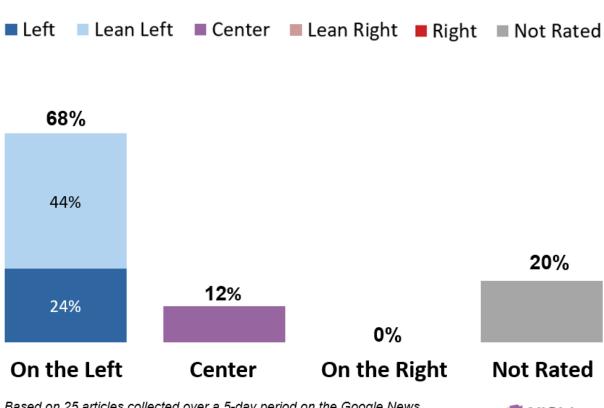


Search Term: "Biden"

Six of the 25 (24%) articles returned under the search term "*Biden*" were from CNN. Four (16%) of the articles were from The White House and 5 (20%) were from <u>Politico (Lean Left)</u>. The majority of the articles summarized Biden's comments on different subjects.

No Lean Right- or Right-rated outlets were present in these search results..

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Biden"



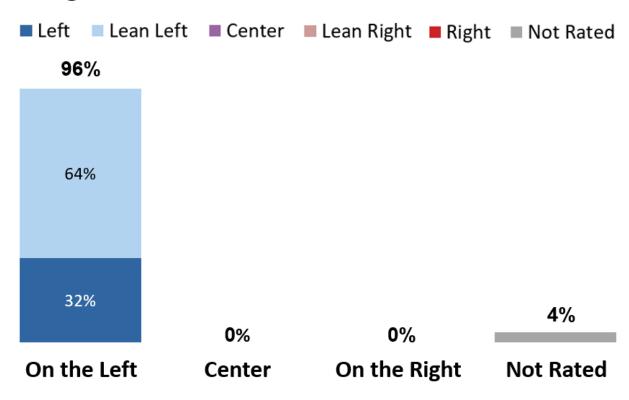
Based on 25 articles collected over a 5-day period on the Google News search term "Biden." See full report for methodology.

Search Term: "Election"

Under the search term "election," 7 of the 25 (28%) Google News articles were from CNN, and 4 (16%) articles were from The New York Times (Lean Left). Live election updates from NBC News (Lean Left) were displayed in the top 5 search results for 2 days in a row. Many of the articles were related to predictions for the midterm elections.

No Lean Right- or Right-rated outlets were present in these search results.

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Election"

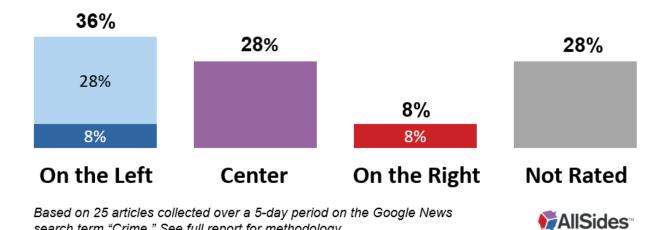


Search Term: "Crime"

The Google News article results under the search term" crime" came from a more varied sample of news outlets than what appeared under other terms. Some of the articles were local crime reports. Six (24%) of the articles contained analysis about how the issue of crime may affect the midterm elections. Pew Pew Research (Center) data about the effect of the issue of crime on the midterms was displayed for 2 days in a row.

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Crime"





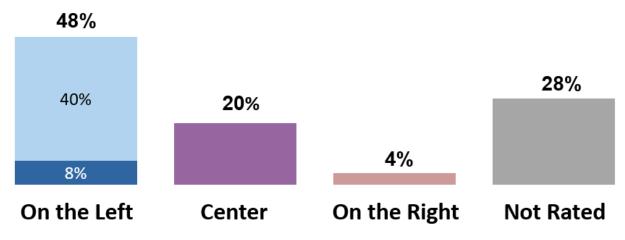
search term "Crime." See full report for methodology.

Search Term: "Economy"

Under "economy," the sources for articles varied, and as did specific article topics. While some of the articles were about the economy's effect on the midterms, some were about the economy's downturn, and others were about the economy doing better than how it was being portrayed. One CNBC (Center) article appeared in the search results for 2 days in a row.

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Economy"



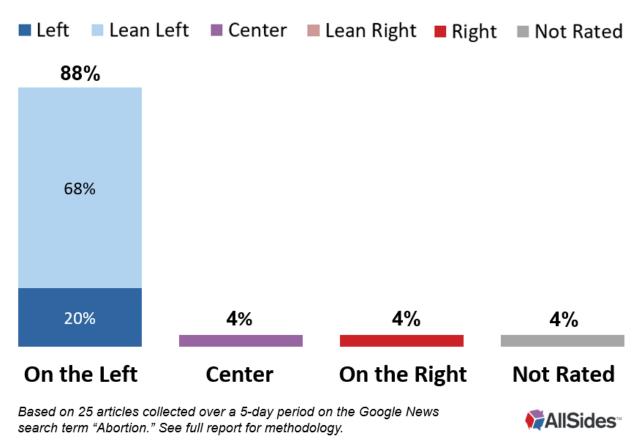


Based on 25 articles collected over a 5-day period on the Google News search term "Economy." See full report for methodology.

Search Term: "Abortion"

The topic of "abortion" yielded 7 NPR (Lean Left) articles, 6 Politico (Lean Left) articles, and 5 CNN articles. One Politico article appeared under the search term for 2 days in a row. An article from CNN was displayed for 4 days in a row. While the articles spanned topics from the FDA, to specific laws in Michigan, Kentucky, and Ohio, most articles were about the legality of abortion as an issue. This contrasts other search term topics, which focused on how the issue would bear on the midterm election results.

AllSides Media Bias Rating of Sources Curated by Google News Search Term: "Abortion"



About AllSides™

AllSides™ is a media solutions company that strengthens our democratic society with <u>balanced</u> news, <u>media bias ratings</u>, <u>diverse perspectives</u>, and <u>real conversation</u>.

AllSides' balanced newsfeed provides news from the left, center, and right and is powered by over 1,400 AllSides Media Bias Ratings™ that reveal the average judgment of Americans, not one elite group. AllSides serves news consumers at AllSides.com and provides patented technologies, tools and services — including media bias audits — to media companies, nonprofits, businesses and other organizations. Visit <u>AllSides.com/services</u>.

AllSides provides a platform for a diverse range of perspectives on current events and political issues. This includes presenting news and analysis from multiple viewpoints, including those that may not be represented in mainstream media. AllSides aims to foster greater understanding and dialogue by providing a space where people can learn about and engage with perspectives that differ from their own.

AllSides' mission is to free people from filter bubbles so they can better understand the world — and each other. AllSides employs a team of editors who review and curate news articles from a variety of sources. The articles are then presented side-by-side in a balanced newsfeed that reveals the political perspective of the source.

Since 2012, AllSides has been analyzing the media bias of news outlets using its patented and proprietary systems, providing over 1,400 Media Bias Ratings™ for outlets, writers, fact-check organizations, and think tanks. AllSides believes everyone is biased, and that's okay. But hidden bias can manipulate, mislead, and divide us.

AllSides provides Media Bias Audits to news companies interested in discovering their bias and providing more objective, balanced news. Its patented and proprietary system reveals how average Americans perceive the political bias of news reporting, and our multipartisan panel provides recommendations for achieving more balanced news.

In addition to providing news and analysis, AllSides also offers tools and resources for individuals, schools, and organizations interested in promoting media literacy and understanding. This includes the <u>AllSides Media Bias Chart™</u>, <u>AllSides for Schools</u>, <u>Red Blue Translator</u>, and other <u>tools</u> and <u>services</u>.

About AllSides Media Bias Ratings™

AllSides empowers you to understand the role media bias plays in the news and information you consume. The <u>AllSides Media Bias Ratings™</u> and <u>AllSides Media Bias Chart™</u> help make news bias transparent, allowing you to identify different perspectives and political leanings so you can get the full picture and think for yourself.

AllSides Media Bias Ratings™ are based on a scientific, multipartisan analysis, and are meant to reflect the average view of the American public. In other words, they are meant to reflect the average view of people across the political spectrum, not one individual or group.

The ratings were created with the understanding that there is no such thing as <u>unbiased news</u>, and that concealed bias can mislead and divide us. The best approach is to acknowledge and balance this bias, so that people can consider multiple viewpoints and gain a more comprehensive understanding of the world around them.

AllSides assigns a rating of <u>Left</u>, <u>Lean Left</u>, <u>Center</u>, <u>Lean Right</u>, or <u>Right</u> to each media outlet or writer, as well as a numerical rating which provides more nuance in each category.

The AllSides patented bias detection and display technology is powered by a combination of the 'wisdom-of-the-crowd' technology and statistical research and methodologies. The system utilizes multiple methods for calculating media bias, and combines them for the best results. For each source, the methodology may include:

- **Blind Bias Surveys** A survey that asks respondents to rate the media bias of a news outlet on a left-right scale without knowing the news source or author they are reviewing. AllSides normalizes these data based on respondent ideology to ensure that the audience reflects the social and political diversity of the nation.
- Editorial Reviews A multipartisan panel conducts in-depth reviews of a media outlet. The Editorial Review Panel includes people from across the political spectrum. During this process, each reviewer independently evaluates and suggests a rating for the source. Then, the group discusses individual findings, shares impressions, and comes to an agreement on the result.
- Third Party Data When available and relevant, data that is conducted by a
 transparent, credible source may inform AllSides Media Bias Ratings™. AllSides always
 notes which third-party analyses it has taken to account on the source page for any
 outlet.
- **Community Feedback** Visitors to AllSides.com can vote on the rating for any outlet. This feedback does not determine our ratings, but may trigger a deeper review.
- **Independent Reviews** An AllSides reviewer assesses content and comes to a general conclusion on a source's bias. This is AllSides' lowest level of analysis.

For more information about how AllSides rated media bias, visit its Media Bias Methods page.

Inquiries

Please contact AllSides for media or other inquiries about this analysis.

Appendix A: Table of Articles Analyzed for Method 1

Article Headline & Link	Outlet Name	Outlet Bias	Date/Time Collected
South Korea mourns, investigates deadly Halloween crowd crush	NBC News	Lean Left	10/31/22 @ 10:00am ET
Seoul Stampede In South Korea Live I South Korea Halloween Crowd Crush I South Korea News I News18	CNN-News1	Not Rated	10/31/22 @ 10:00am ET
October 30.2022 South Korea crowd surge news	CNN	Left	10/31/22 @ 10:00am ET
South Korea's Yoon calls for safety measures over unorganized large gatherings	Reuters	Center	10/31/22 @ 10:00am ET
Lula wins Brazil election in political resurrection for leftist	Reuters	Center	10/31/22 @ 10:00am ET
Brazil election: Lula da Silva wins presidency as nation swings left — will Bolsonaro accept the results?	Fox News	Right	10/31/22 @ 10:00am ET
Lula defeats Bolsonaro to again become Brazil's president	ABC7	Not Rated	10/31/22 @ 10:00am ET
Lula's presidential victory in Brazil is sweet, but will he be able to govern?	The Guardian	Lean Left	10/31/22 @ 10:00am ET
Supreme Court considers Harvard and University of North Carolina's use of affirmative action. Here's what you need to know	CNN	Left	10/31/22 @ 10:00am ET
Paul Pelosi attack: Suspect in attack on Nancy Pelosi's husband had list of targets, law enforcement sources say	CBS News	Lean Left	10/31/22 @ 10:00am ET
Delphi murders: Investigators announce arrest details	Fox 59	Not Rated	10/31/22 @ 10:00am ET
Democrats turn to Obama to rescue them from a midterm shellacking	Politico	Lean Left	10/31/22 @ 10:00am ET
Kemp and Abrams Strike a Sharp Contrast in Final Georgia Governor's Debate	New York Times	Lean Left	10/31/22 @ 10:00am ET
Russia's war in Ukraine: Live	CNN	Left	10/31/22 @

<u>updates</u>			10:00am ET
Morbi bridge collapse: Hopes fade for survivors in Gujarat tragedy	BBC News	Center	10/31/22 @ 10:00am ET
Israel's Benjamin Netanyahu Aims for Comeback in November Elections	Wall Street Journal	Center	10/31/22 @ 10:00am ET
Man Charged with Assault and Attempted Kidnapping Following Breaking and Entering of Pelosi Residence	Department of Justice	Not Rated	10/31/22 @ 5:00pm ET
Paul Pelosi attack suspect David DePape had list of other people to target: police	Fox News	Right	10/31/22 @ 5:00pm ET
Donald Trump Jr. Mocks Paul Pelosi With 'Despicable' Halloween Post	Yahoo! News	Lean Left	10/31/22 @ 5:00pm ET
Ex-girlfriend of suspect says he struggled with mental illness, drugs, believed he 'was Jesus for a year'	San Francisco Chronicle	Left	10/31/22 @ 5:00pm ET
Supreme Court leans toward ending affirmative action in college admissions	NBC News	Lean Left	10/31/22 @ 5:00pm ET
Ketanji Brown Jackson clashes with anti-affirmative action lawyer during Supreme Court arguments	Fox News	Right	10/31/22 @ 5:00pm ET
Opinion: Preserve race as factor in college admissions	The Atlanta Journal Constitution	Lean Left	10/31/22 @ 5:00pm ET
Opinion Why Supreme Court Conservatives Should Back Affirmative Action	Politico	Lean Left	10/31/22 @ 5:00pm ET
Brazil's Bolsonaro expected to break silence after Lula victory	Reuters	Center	10/31/22 @ 5:00pm ET
After Seoul's Halloween tragedy, South Koreans are searching for answers	NPR	Lean Left	10/31/22 @ 5:00pm ET
Paul Pelosi suspect charged with attempting to kidnap House speaker	CNN	Left	10/31/22 @ 5:00pm ET
Supreme Court weighs affirmative action case, but most college admissions won't be affected	USA Today	Lean Left	10/31/22 @ 5:00pm ET
Greed and cheating': Prosecutor outlines tax fraud allegations against Trump Organization	NBC News	Lean Left	10/31/22 @ 5:00pm ET

Russia's war in Ukraine	CNN	Left	10/31/22 @ 5:00pm ET
Suella Braverman challenges critics to oust her in asylum row	BBC	Center	10/31/22 @ 5:00pm ET
Pedestrian bridge collapses in India, killing at least 132	NBC News	Lean Left	10/31/22 @ 5:00pm ET
Alleged Paul Pelosi Attacker David DePape Charged by Federal Prosecutors	Wall Street Journal	Center	11/1/22 @ 10:00am ET
Man who attacked Paul Pelosi to face federal charges	WHAS11	Not Rated	11/1/22 @ 10:00am ET
Arizona's Kari Lake Mocks Violent Pelosi Attack On The Campaign Trail	MSNBC	Left	11/1/22 @ 10:00am ET
Intruder in the bedroom: The chilling details of what happened inside the Pelosi home	San Francisco Chronicle	Left	11/1/22 @ 10:00am ET
Families of Halloween crush victims identify lost items as South Korean police admit mistakes	CNN	Left	11/1/22 @ 10:00am ET
Seoul Stampede News LIVE I South Korea Mourns The Victims Of Seoul Stampede I English News Live	CNN-News1	Not Rated	11/1/22 @ 10:00am ET
Police Reveal Chilling New Details About Seoul Stampede	NBC News	Lean Left	11/1/22 @ 10:00am ET
Seoul Halloween Crowd Crush Is Test for South Korea's Yoon Suk Yeol	Bloomberg	Lean Left	11/1/22 @ 10:00am ET
Brazil election: Bolsonaro supporters block roads after poll defeat	BBC News	Lean Left	11/1/22 @ 10:00am ET
Russia-Ukraine War News: Live Updates	New York Times	Lean Left	11/1/22 @ 10:00am ET
Suspect in Paul Pelosi attack intended to kidnap Nancy Pelosi and "break her kneecaps." DA says	CBS News	Lean Left	11/1/22 @ 10:00am ET
The Biden gap and the partisan poll flood: Breaking down the latest Senate surveys	Politico	Lean Left	11/1/22 @ 10:00am ET
Parkland shooter's victims face him in court once more before	CNN	Left	11/1/22 @ 10:00am ET

he's sentenced to life in prison			
Ukraine-Russia war: Latest Putin and Grain Deal News	New York Times	Lean Left	11/1/22 @ 10:00am ET
Morning turnout at highest since 1999 as Israelis vote for 5th time amid deadlock	Times of Israel	Not Rated	11/1/22 @ 10:00am ET
India's Morbi bridge collapse death toll rises to 135 as search continues	Reuters	Center	11/1/22 @ 10:00am ET
Supreme Court rejects Lindsey Graham's request to block Georgia grand jury subpoena	CNN	Left	11/1/22 @ 5:00pm ET
Supreme Court Rules That Lindsey Graham Must Testify in Georgia Inquiry	New York Times	Lean Left	11/1/22 @ 5:00pm ET
Supreme Court rejects Lindsey Graham's request to Georgia Testimony	Washington Post	Lean Left	11/1/22 @ 5:00pm ET
Supreme Court denies Sen. Lindsey Graham's bid to avoid testifying in Georgia election interference case	CNBC	Center	11/1/22 @ 5:00pm ET
Bolsonaro breaks election silence but refuses to recognise Lula's victory	The Guardian	Lean Left	11/1/22 @ 5:00pm ET
Brazilian Truckers Create Multiple Blockades In Support Of Bolsonaro	NBC News	Lean Left	11/1/22 @ 5:00pm ET
Brazil's Lula Is Returning to Power. The Economic Challenge Will Be Far Greater This Time.	Barron's	Center	11/1/22 @ 5:00pm ET
Opinion Why Bolsonaro's Stunning Loss Should Give Humans a Glimmer of Hope	Washington Post	Lean Left	11/1/22 @ 5:00pm ET
Chief Justice Roberts Temporarily Delays Release of Tump Tax Records	Washington Post	Lean Left	11/1/22 @ 5:00pm ET
Netanyahu in lead, Israel election exit polls say	ввс	Center	11/1/22 @ 5:00pm ET
Migos rapper Takeoff dead after Houston shooting, rep says	News 4 Jax	Not Rated	11/1/22 @ 5:00pm ET
University of Florida trustees approve Sen. Ben Sasse as president in face of opposition	CNN	Left	11/1/22 @ 5:00pm ET
Trump's company conducted internal tax review after he became president, executive says	CBS	Lean Left	11/1/22 @ 5:00pm ET

Israel Election Updates: Netanyahu Holds Lead, Exit Polls Show	New York Times	Lean Left	11/1/22 @ 5:00pm ET
Ukraine updates: Klitschko says power, water back in Kyiv	DW	Center	11/1/22 @ 5:00pm ET
UK is compassionate, says PM after Suella Braverman invasion row	ввс	Center	11/1/22 @ 5:00pm ET
North Korea fired the highest number of short-range missiles in a day, says South Korea	CNN	Left	11/2/22 @ 10:00am ET
North Korean missile lands off South Korean coast	Reuters	Center	11/2/22 @ 10:00am ET
North Korea unleashes biggest 1-day missile barrage; South Korea responds with missile launches	Fox News	Right	11/2/22 @ 10:00am ET
N Korea fires 23 missiles, prompting air raid alert in South	Yahoo! News/ AP	Lean Left	11/2/22 @ 10:00am ET
Russia agrees to rejoin Ukraine grain export deal	Financial Times	Center	11/2/22 @ 10:00am ET
How Russia's withdrawal from grain deal impacts world hunger	CBS News	Lean Left	11/2/22 @ 10:00am ET
Russia resumes its participation in Ukraine grain export deal; Ukraine's energy infrastructure 'seriously damaged'	CNBC	Center	11/2/22 @ 10:00am ET
Opinion: What happens when the port that feeds the world goes silent?	CNN	Left	11/2/22 @ 10:00am ET
Capitol Police had cameras outside Pelosi home that weren't monitored at break-in: Sources	ABC	Lean Left	11/2/22 @ 10:00am ET
2 police officers shot in Newark, search continues for gunman	CBS News	Lean left	11/2/22 @ 10:00am ET
Suspect in Paul Pelosi attack awoke him by standing over his bedside, documents show	CNN	Left	11/2/22 @ 10:00am ET
Liz Cheney backs second Democrat, picking Ryan over Vance for Ohio Senate	The Guardian	Lean Left	11/2/22 @ 10:00am ET
Trump news – live: Trump Twitter hoax undermines Musk as Clinton demands legal costs for failed Russia lawsuit	Independent	Lean Left	11/2/22 @ 10:00am ET
Ukraine grain export deal back on as Russia	Reuters	Center	11/2/22 @

resumes participation			10:00am ET
Netanyahu on course to lead Israel's most right-wing government ever, partial Israel results suggest	CNN	Left	11/2/22 @ 10:00am ET
Headless bodies and deadly bombs: gang violence escalates in Ecuador	The Guardian	Lean Left	11/2/22 @ 10:00am ET
Netanyahu on course to lead Israel's most right-wing government ever, partial Israel results suggest	CNN	Left	11/2/22 @ 5:00pm ET
Netanyahu is back. Here's what that means for Israel	CNN	Left	11/2/22 @ 5:00pm ET
Netanyahu poised for comeback in Israeli election, exit polls show	Reuters	Center	11/2/22 @ 5:00pm ET
Benjamin Netanyahu may be back – but the true victory belongs to Israel's far right	The Guardian	Lean Left	11/2/22 @ 5:00pm ET
Capitol Police cameras recorded break-in at Pelosi residence	NPR	Lean Left	11/2/22 @ 5:00pm ET
David DePape pleads not guilty to Pelosi attack in 1st court appearance	KPIX CBS SF Bay Area	Not Rated	11/2/22 @ 5:00pm ET
Kari Lake and Wendy Rogers mocking the attack on Paul Pelosi is classless. And on brand	AZ Central	Center	11/2/22 @ 5:00pm ET
Paul Pelosi Recovering in Hospital	NBC Bay Area	Not Rated	11/2/22 @ 5:00pm ET
Trump lawyers saw Justice Thomas as 'only chance' to stop 2020 election certification	Politico	Lean Left	11/2/22 @ 5:00pm ET
Ethiopian Government, Tigrayian Forces Agree to Truce After Two Years of War	Washington Post	Lean Left	11/2/22 @ 5:00pm ET
Parkland school shooter sentenced to life in prison without parole for 2018 massacre	CNN	Left	11/2/22 @ 5:00pm ET
Trump lawyers saw Justice Thomas as 'only chance' to stop 2020 election certification	Politico	Lean Left	11/2/22 @ 5:00pm ET
Thousands Tell FAA to Fix Shrinking Airplane Seats	Wall Street Journal	Center	11/2/22 @ 5:00pm ET
Israel elections: Netanyahu election win propels far right to power	BBC	Center	11/2/22 @ 5:00pm ET
Russia resumes its participation in Ukraine grain export deal: Ukraine's energy infrastructure 'seriously	CNBC	Center	11/2/22 @ 5:00pm ET

damaged'			
Russia turns to fellow outcasts North Korea and Iran for help with faltering war effort	Yahoo! News	Lean Left	11/2/22 @ 5:00pm ET
Former Prime Minister Imran Khan shot in foot in reported assassination attempt in Pakistan	CNN	Left	11/3/22 @ 10:00am ET
Imran Khan LIVE News: Firing In Imran Khan's Rally Imran Khan Shot In The Leg Pakistan News	India Today	Not Rated	11/3/22 @ 10:00am ET
Former Pakistan Prime Minister Imran Khan shot during protest march - BBC News	BBC News	Lean Left	11/3/22 @ 10:00am ET
Sanjaya Baru writes Attack on Imran Khan: A turning point in November	The Indian Express	Not Rated	11/3/22 @ 10:00am ET
Nikolas Cruz: Parkland school shooter sentenced to life in prison	Reuters	Center	11/3/22 @ 10:00am ET
Biden blames extreme MAGA Republicans for intimidating voters and election officials, calling it 'corrosive' to democracy	CNBC	Center	11/3/22 @ 10:00am ET
Israel elections: Netanyahu set for comeback with far right's help - partial results	BBC News	Lean Left	11/3/22 @ 10:00am ET
Parkland Gunman Gets 34 Life Sentences	New York Times	Lean Left	11/3/22 @ 10:00am ET
'A renewed sense of urgency': climate on the ballot in US midterm elections	The Guardian	Lean Left	11/3/22 @ 10:00am ET
Powerball jackpot now \$1.5 billion; 1 ticket sold in Mass. worth \$100,000	WCVB	Center	11/3/22 @ 10:00am ET
Bank of England raises its benchmark rate by 75 basis points, its biggest hike in 33 years	CNBC	Center	11/3/22 @ 10:00am ET
Ukraine Shipments Resume But Russia Casts Doubt on Grain Deal	Moscow Times	Not Rated	11/3/22 @ 10:00am ET
NHC now tracking 2 tropical waves off Florida, US. Hurricane Martin growing more powerful	Palm Beach Post	Center	11/3/22 @ 10:00am ET
Benjamin Netanyahu Wins Another Shot at Leading Israel as Lapid Concedes	Wall Street Journal	Center	11/3/22 @ 5:00pm ET
Trump sues NY Attorney General Letitia James for 'intimidation'	BBC News	Lean Left	11/3/22 @ 5:00pm ET
Russia's Kherson retreat plan 'well advanced,' says	Politico	Lean Left	11/3/22 @

Western official			5:00pm ET
Brittney Griner, imprisoned in Russia, meets with U.S. Embassy officials	Washington Post	Lean Left	11/3/22 @ 5:00pm ET
Trump Files a Lawsuit Against New York's Attorney General	New York Times	Lean Left	11/3/22 @ 5:00pm ET
Biden calls midterms 'defining moment' but avoids swing states in last days before election — live	The Guardian	Lean Left	11/3/22 @ 5:00pm ET
Dr. Caitlin Bernard provided an abortion to a 10-year-old rape victim	NPR	Lean Left	11/3/22 @ 5:00pm ET
Israel Prime Minister Yair Lapid congratulates Benjamin Netanyahu on election victory	CNN	Left	11/3/22 @ 5:00pm ET
Major glaciers in Kilimanjaro and Yosemite will disappear by 2050, IJN says	CNBC	Center	11/3/22 @ 5:00pm ET
Amid Forecasts of Recession, Bank of England	New York Times	Lean Left	11/3/22 @ 5:00pm ET
Details emerge in Paul Pelosi attack: A break-in, conversation, 911 call, then violence	USA Today	Lean Left	11/4/22 @ 10:00am ET
Paul Pelosi leaves hospital almost week after attack	CBS News	Lean Left	11/4/22 @ 10:00am ET
Immigration officials say Pelosi attacker was in US illegally	CNN	Left	11/4/22 @ 10:00am ET
Paul Pelosi Opened Door for Officers Responding to 911 Call in Home Invasion Attack: Report	NBC Bay Area	Not Rated	11/4/22 @ 10:00am ET
Scoop: Trump team eyes Nov. 14 announcement	Axios	Center	11/4/22 @ 10:00am ET
Donald Trump Live Trump Dares Biden For 2024 U.S Presidential Race US Midterm Election 2022	CNN News-18	Not Rated	11/4/22 @ 10:00am ET
Trump considering launching fresh White House bid after midterm elections-advisers	Yahoo! News	Lean Left	11/4/22 @ 10:00am ET
Donald Trump drops strong hint about 2024 US presidential run - BBC News	BBC	Center	11/4/22 @ 10:00am ET
China's Xi warns Putin not to use nuclear arms in Ukraine	Politico	Lean Left	11/4/22 @ 10:00am ET
Russia-Ukraine War Latest Updates	Washington	Lean Left	11/4/22 @

	Post		10:00am ET
5 things to know for Nov. 4: Twitter, Flu, January 6, Student Loans, Brittney Griner	CNN	Left	11/4/22 @ 10:00am ET
Town That Inspired Debunked Voter Fraud Film Braces for Election Day	New York Times	Lean Left	11/4/22 @ 10:00am ET
Clock Runs Out on Efforts to Make Daylight Savings Permanent	Washington Post	Lean Left	11/4/22 @ 10:00am ET
Ethiopia civil war: Tigray truce a triumph for PM Abiy Ahmed	ввс	Center	11/4/22 @ 10:00am ET
EXCLUSIVE G7 coalition has agreed to set fixed price for Russian oil -sources	Reuters	Center	11/4/22 @ 10:00am ET
Zelenskyy hails UN nuclear investigation result; UK says Russia likely shooting its retreating soldiers	CNBC	Center	11/4/22 @ 10:00am ET
Marjorie Taylor Greene at rally: Paul Pelosi should have 'shot his attacker'	The Hill	Center	11/4/22 @ 5:00pm ET
New details revealed in brutal attack on Paul Pelosi	WCNC	Not Rated	11/4/22 @ 5:00pm ET
Details emerge in Paul Pelosi attack: A break-in, conversation, 911 call, then violence	USA Today	Lean Left	11/4/22 @ 5:00pm ET
Today's Headlines: Security cameras at Pelosi home weren't 'actively monitored'	Los Angeles Times	Lean Left	11/4/22 @ 5:00pm ET
Donald Trump could announce 2024 presidential run as soon as Nov. 14: Sources	ABC News	Lean Left	11/4/22 @ 5:00pm ET
Donald Trump Live Trump Dares Biden For 2024 U.S Presidential Race US Midterm Election 2022	CNN News-18	Not Rated	11/4/22 @ 5:00pm ET
Trump aides eye third week of November for 2024 announcement	CNN	Left	11/4/22 @ 5:00pm ET
Trump weighs plans for 2024 White House bid	CBS News	Lean Left	11/4/22 @ 5:00pm ET
Another key Senate race moves toward GOP in Election Forecast update	Politico	Lean Left	11/4/22 @ 5:00pm ET
Signs of Russian Retreat Don't Mean Ukraine's Fight for Kherson Will Be Easy	Wall Street Journal	Center	11/4/22 @ 5:00pm ET
Jury finds Trump friend Tom Barrack not guilty of foreign lobbying and lying to FBI	NBC News	Lean Left	11/4/22 @ 5:00pm ET

On Social Media, Hunting for Voter Fraud Becomes a Game	New York Times	Lean Left	11/4/22 @ 5:00pm ET
Twitter facing lawsuit after Musk's mass layoff announcement, Oprah's key endorsement and more top headlines	Fox News	Right	11/4/22 @ 5:00pm ET
Vladimir Putin demands evacuation of civilians from Kherson	Financial Times	Center	11/4/22 @ 5:00pm ET
Russia's war in Ukraine	CNN	Left	11/4/22 @ 5:00pm ET
China Lucks out again as out-of-control rocket booster falls in the pacific	New York Times	Lean Left	11/4/22 @ 5:00pm ET

Appendix B: Table of Articles Analyzed for Method 2

Search Term	Article Headline & Link	Outlet Name	Outlet Bias	Date/Time Collected
"Trump"	Trump Org. CFO will spill tax fraud to New York jury, prosecutors say	Politico	Lean Left	10/31/22 @ 5:30pm ET
"Trump"	Prosecutor Names, Blames, Shames Trump for Company's Kickback Scheme	Rolling Stone	Left	10/31/22 @ 5:30pm ET
"Trump"	Trump Asks Supreme Court to Block the House From Obtaining His Tax Returns	New York Times	Lean Left	10/31/22 @ 5:30pm ET
"Trump"	Trump asks Supreme Court to stop IRS from turning over his tax returns to the House	CNN	Left	10/31/22 @ 5:30pm ET
"Trump"	Gordon Sondland Still Has Mixed Feelings on Trump	The Atlantic	Left	10/31/22 @ 5:30pm ET
"Trump"	Ringleader of Trump-aligned election officials nears Nevada takeover	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Trump"	Trump Has Shifted More Than \$1.4 Million Of Donor Money Into His Private Business This Election Cycle	Forbes	Center	11/1/22 @ 4:15pm ET
"Trump"	Trump joins conspiracists stoking doubts about Pelosi attack	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Trump"	House January 6 committee 'in discussions' with Trump's attorneys for him to testify under oath, Cheney says	CNN	Left	11/1/22 @ 4:15pm ET
"Trump"	5 reasons Donald Trump really doesn't want his tax returns released	CNN	Left	11/1/22 @ 4:15pm ET
"Trump"	In Brazil and Israel, leaders show Trump there can be political next acts	CNN	Left	11/2/22 @ 10:30am ET
"Trump"	DoJ mulls immunity deal for Trump ally to secure testimony in Mar-a-Lago case	The Guardian	Lean Left	11/2/22 @ 10:30am ET
"Trump"	'The Trump playbook': Republicans hint they will deny election results	The Guardian	Lean Left	11/2/22 @ 10:30am ET
"Trump"	House January 6 committee 'in discussions' with Trump's attorneys for him to testify under oath, Cheney says	CNN	Left	11/2/22 @ 10:30am ET
"Trump"	GOP Senate candidate doubles down on distancing from Trump	CNN	Left	11/2/22 @ 10:30am ET

"Trump"	Trump closes the midterm with his own standing in			11/3/22 @
	the GOP on the line	Politico	Lean Left	7:00pm ET
"Trump"	Trump kicks off final campaign blitz to boost Republicans and himself	CNN	Left	11/3/22 @ 7:00pm ET
"Trump"	Judge orders independent monitor to oversee estate empire	The Guardian	Lean Left	11/3/22 @ 7:00pm ET
"Trump"	New York Attorney General bid for Trump Organization oversight approved by judge	Axios	Center	11/3/22 @ 7:00pm ET
"Trump"	Trump's third run for the White House appears a matter of when not if	The Guardian	Lean Left	11/3/22 @ 7:00pm ET
"Trump"	Trump aides eye third week of November for 2024 announcement	CNN	Left	11/4/22 @ 1:30pm ET
"Trump"	'Get ready': Trump's third White House run appears a matter of when not if	The Guardian	Lean Left	11/4/22 @ 1:30pm ET
"Trump"	The deadline for Trump to deliver subpoenaed documents has arrived. What now?	NPR	Lean Left	11/4/22 @ 1:30pm ET
"Trump"	Monitor to oversee Trump Org transactions following fraud claims	MSNBC	Left	11/4/22 @ 1:30pm ET
"Trump"	US midterms: What does Trump want from the elections?	BBC	Center	11/4/22 @ 1:30pm ET
"Biden"	Biden issues a warning as he accuses oil and gas companies of 'war profiteering' off Russia's invasion of Ukraine	CNN	Left	10/31/22 @ 5:30pm ET
"Biden"	Biden to urge Congress to tax oil companies' bumper profits	Politico	Lean Left	10/31/22 @ 5:30pm ET
"Biden"	Democrats insist Joe Biden's low midterms profile is smart strategy	The Guardian	Lean Left	10/31/22 @ 5:30pm ET
"Biden"	Remarks by President Biden at a Democratic National Committee Event	The White House	Not Rated	10/31/22 @ 5:30pm ET
"Biden"	Biden lost temper with Zelenskyy in June phone call when Ukrainian leader asked for more aid	NBC News	Lean Left	10/31/22 @ 5:30pm ET
"Biden"	Biden hopes to use Florida's 'extreme MAGA Republicans' as foils for his closing midterm pitch	CNN	Left	11/1/22 @ 4:15pm ET
"Biden"	President Biden arrives in South Florida to rally support for Crist, Demings	CBS	Lean Left	11/1/22 @ 4:15pm ET
"Biden"	Biden Quietly But Clearly Prepares a Potential	Washington	Lean Left	11/1/22 @

	Reelection Bid	Post		4:15pm ET
"Biden"	'We're not against profits,' White House presidential coordinator says after Biden's tax threats on energy companies	CNBC	Center	11/1/22 @ 4:15pm ET
"Biden"	The Biden gap and the partisan poll flood: Breaking down the latest Senate surveys	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Biden"	Biden to give speech on protecting democracy Wednesday night in DC	CNN	Left	11/2/22 @ 10:30am ET
"Biden"	Amid political violence and rise of disinformation, Biden looks to keep focus on economy	Politico	Lean Left	11/2/22 @ 10:30am ET
"Biden"	Biden uses Florida's 'extreme MAGA Republicans' as foils for his closing midterm pitch	CNN	Left	11/2/22 @ 10:30am ET
"Biden"	Biden rallies Florida Democrats despite signs of red wave	Politico	Lean Left	11/2/22 @ 10:30am ET
"Biden"	Biden: 'Charlie is running against Donald Trump incarnate'	Politico	Lean Left	11/2/22 @ 10:30am ET
"Biden"	Biden says GOP is 'going after your right to vote' as he makes a western swing ahead of midterms	CNN	Left	11/3/22 @ 7:00pm ET
"Biden"	Remarks by President Biden on Standing up for Democracy	White House	Not Rated	11/3/22 @ 7:00pm ET
"Biden"	Ashley Biden finds her voice: 'I know my worth'	CNN	Left	11/3/22 @ 7:00pm ET
"Biden"	Biden set to speak at Oceanside rally seeking to boost Levin's reelection bid	KPBS	Not Rated	11/3/22 @ 7:00pm ET
"Biden"	Biden gives speech on the state of democracy ahead of the midterms	NPR	Lean Left	11/3/22 @ 7:00pm ET
"Biden"	Statement by President Joe Biden on the October Jobs Report	The White House	Not Rated	11/4/22 @ 1:30pm ET
"Biden"	Biden Spins His Economic Record Ahead of Elections	New York Times	Lean Left	11/4/22 @ 1:30pm ET
"Biden"	Remarks by President Biden on Standing up for Democracy	The White House	Not Rated	11/4/22 @ 1:30pm ET
"Biden"	Biden to laud Democrats' high-tech gains in visit to California's Viasat	Reuters	Center	11/4/22 @ 1:30pm ET
"Biden"	Joe Biden wastes his prime-time moment	The Hill	Center	11/4/22 @ 1:30pm ET
"Election"	Biden, Obama to campaign together in	Washington	Lean Left	10/31/22 @

	<u>Pennsylvania</u>	Post		5:30pm ET
"Election"	Midterm election live updates: News from the trail with early voting underway	NBC News	Lean Left	10/31/22 @ 5:30pm ET
"Election"	How Election Subversion Went Mainstream in Pennsylvania	The New Yorker	Left	10/31/22 @ 5:30pm ET
"Election"	Final push before the midterm elections	CNN	Left	10/31/22 @ 5:30pm ET
"Election"	Will the far right rise to power in Israel's election? Here's what to know	NPR	Lean Left	10/31/22 @ 5:30pm ET
"Election"	Ringleader of Trump-aligned election officials nears Nevada takeover	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Election"	Social Security, Medicare 'under siege,' Biden warns if Republicans win	Washington Post	Lean Left	11/1/22 @ 4:15pm ET
"Election"	Midterm election live updates: News from the trail with one week until Election Day	NBC News	Lean Left	11/1/22 @ 4:15pm ET
"Election"	Netanyahu eyes comeback as Israel votes in fifth election in four years	CNN	Left	11/1/22 @ 4:15pm ET
"Election"	These scenarios could play out on election night	CNN	Left	11/1/22 @ 4:15pm ET
"Election"	Concerns of violence grow as Election Day nears	NPR	Lean Left	11/2/22 @ 10:30am ET
"Election"	Biden to Deliver Speech On Democracy Tonight Near Capitol	Washington Post	Lean Left	11/2/22 @ 10:30am ET
"Election"	'The Trump playbook': Republicans hint they will deny election results	The Guardian	Lean Left	11/2/22 @ 10:30am ET
"Election"	The bottom is dropping out of the 2022 election for Democrats	CNN	Left	11/2/22 @ 10:30am ET
"Election"	As Stakes Rise, State Supreme Courts Become Crucial Election Battlegrounds	New York Times	Lean Left	11/2/22 @ 10:30am ET
"Election"	Law enforcement ratchets up presence in voting process as some sheriffs push election conspiracy theories	CNN	Left	11/3/22 @ 7:00pm ET
"Election"	Election Officials Warn of Efforts to Intimidate Voters	New York Times	Lean Left	11/3/22 @ 7:00pm ET
"Election"	Inside LINK: How we're covering the election	LINK	Not Rated	11/3/22 @ 7:00pm ET
"Election"	Taking lessons from 2020, thousands of election deniers are now working the midterms	NPR	Lean Left	11/3/22 @ 7:00pm ET

	People are fearful': Threats to midterm election			
"Election"	workers spur law enforcement response across			11/3/22 @
	U.S.	Politico	Lean Left	7:00pm ET
" <u> </u>	Midterm Election: What to Know and Latest	New York		11/4/22 @
"Election"	News	Times	Lean Left	1:30pm ET
<u></u>	Elections 2022 live updates: Midterms loom			
"Election"	as candidates ready final push	NBC News	Lean Left	11/4/22 @ 1:30pm ET
		INDC News	Lean Len	1.30pm E1
"Election"	Three charts that show the state of			11/4/22 @
	pre-election voting in this year's key states	CNN	Left	1:30pm ET
"Election"	This Republican senator won't commit to			11/4/22 @
	accepting the election results	CNN	Left	1:30pm ET
"Election"	Forecasting the Future of Election Prediction	New York		11/4/22 @
Licotion	Markets	Times	Lean Left	1:30pm ET
"Crime"		Howard		
Offine	County Executive Calvin Ball Announces Major	Country		10/31/22 @
	Crime-Fighting Awards from Governor's Office	Maryland	Not Rated	5:30pm ET
"Crime"	Violent crime is a key midterm voting issue,	Pew		10/31/22 @
O'IIIIC	but what does the data say?	Research	Center	5:30pm ET
"Crives o"	Provo man's weeklong crime spree includes			10/31/22 @
"Crime"	inappropriate touching, slashing tires, police say	KSL	Right	5:30pm ET
				•
" . "		Harvard		
"Crime"	I Survived a Hate Crime. Here's How My	Harvard Business		10/31/22 @
"Crime"	I Survived a Hate Crime. Here's How My Company Supported Me.	Harvard Business Review	Not Rated	10/31/22 @ 5:30pm ET
	Company Supported Me.	Business	Not Rated	_
"Crime"	Crime remains top of mind for midterm	Business	Not Rated	5:30pm ET
	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic	Business		5:30pm ET
"Crime"	Crime remains top of mind for midterm	Business Review ABC News	Not Rated Lean Left	5:30pm ET 10/31/22 @ 5:30pm ET
	Company Supported Me. Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink	Business Review ABC News southbmore	Lean Left	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @
"Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES	Business Review ABC News		5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET
"Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES Analysis: Crime is a top concern for many	Business Review ABC News southbmore .com	Lean Left Not Rated	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET 11/1/22 @
"Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES	Business Review ABC News southbmore	Lean Left	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET
"Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES Analysis: Crime is a top concern for many Americans in midterm vote. How bad is it?	Business Review ABC News southbmore .com Reuters	Lean Left Not Rated Center	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET 11/1/22 @
"Crime" "Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES Analysis: Crime is a top concern for many Americans in midterm vote. How bad is it? Crime is the dark horse issue of this election	Business Review ABC News southbmore .com	Lean Left Not Rated	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET
"Crime" "Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES Analysis: Crime is a top concern for many Americans in midterm vote. How bad is it? Crime is the dark horse issue of this election Violent crime is a key midterm voting issue,	Business Review ABC News southbmore .com Reuters CNN Pew	Lean Left Not Rated Center	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET 11/1/22 @ 4:15pm ET
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"Crime" "Crime" "Crime" "Crime"	Crime remains top of mind for midterm voters: As Republicans pounce, Democratic leads shrink SOUTH BALTIMORE CRIME UPDATES Analysis: Crime is a top concern for many Americans in midterm vote. How bad is it? Crime is the dark horse issue of this election Violent crime is a key midterm voting issue, but what does the data say? Prosecutors to Drop Dozens of Cases Amid Probe of D.C. Violent Crime Squad	Business Review ABC News southbmore .com Reuters CNN Pew Research Washington Post	Lean Left Not Rated Center Left Center Lean Left	5:30pm ET 10/31/22 @ 5:30pm ET 11/1/22 @ 4:15pm ET

"Crime"	Democrats are conflicted on crime, and it shows	The Seattle Times	Center	11/2/22 @ 10:30am ET
"Crime"	Politicians Make Black People the Face of Crime	Black Agenda Report	Left	11/2/22 @ 10:30am ET
"Crime"	Republican ads, tweets charge Democrats are soft on crime. Will voters respond?	the Sacramento Bee	Lean Left	11/2/22 @ 10:30am ET
"Crime"	Stoked by Republicans, Fears of Crime Loom Large for Midterm Voters	New York Times	Lean Left	11/3/22 @ 7:00pm ET
"Crime"	Rising crime statistics are not all that they seem	Boise State Public Radio	Not Rated	11/3/22 @ 7:00pm ET
"Crime"	Crime Report: November 3, 2022 — Official Website of Arlington County Virginia Government	Advisory Groups & Commissio ns	Not Rated	11/3/22 @ 7:00pm ET
"Crime"	Crime is a midterm elections concern. Republicans blame Democrats for the rise	NPR	Lean Left	11/3/22 @ 7:00pm ET
"Crime"	NYPD Announces Citywide Crime Statistics for October 2022 City of New York	NYC.gov	Not Rated	11/3/22 @ 7:00pm ET
"Crime"	U.S. economy adds 261,000 jobs in October as labor market stays solid	Axios	Center	11/4/22 @ 1:30pm ET
"Crime"	Economy adds 261K jobs in October, unemployment ticks up	The Hill	Center	11/4/22 @ 1:30pm ET
"Crime"	Experts see a "resilient" U.S. economy. Voters aren't buying it.	CBS News	Lean Left	11/4/22 @ 1:30pm ET
"Crime"	Ahead of Midterm Elections, Most Voters Give the U.S. Economy a Dismal Grade	Morning Consult	Not Rated	11/4/22 @ 1:30pm ET
"Crime"	Why layoffs and the job market may not repeat recession history in this economy	CNBC	Center	11/4/22 @ 1:30pm ET
"Economy"	1 in 3 voters say fixing the U.S. economy should be top priority—here are 3 of the money issues they care about most	CNBC	Center	10/31/22 @ 5:30pm ET
"Economy"	On economy, inflation, do policy proposals matter in Georgia?	Savannah Morning News	Not Rated	10/31/22 @ 5:30pm ET
"Economy"	It's Not Just the Economy, Stupid	Washington	Lean Left	10/31/22 @

		Post		5:30pm ET
"Economy"	The Economy Isn't Doing as Poorly as You Think Due to Second-Hand Pessimism; Here's Why	US Chamber of Commerce	Not Rated	10/31/22 @ 5:30pm ET
"Economy"	Putin 'Destroyed' Russian Economy Save For Oil, White House Says	Forbes	Center	10/31/22 @ 5:30pm ET
"Economy"	<u>'End of the Beginning'</u>	Bloomberg	Lean Left	11/1/22 @ 4:15pm ET
"Economy"	Economy Statement by Benjamin Harris, Assistant Secretary for Economy Policy, for the Treasury Borrowing Advisory Committee	U.S. Department of Treasury	Not Rated	11/1/22 @ 4:15pm ET
"Economy"	1 in 3 voters say fixing the U.S. economy should be top priority—here are 3 of the money issues they care about most	CNBC	Center	11/1/22 @ 4:15pm ET
"Economy"	Opinion: The Fed's rate hikes are already damaging the economy	CNN	Left	11/1/22 @ 4:15pm ET
"Economy"	Biden scrambles to paint misleading picture of economy one week from the midterms	Fox Business	Lean Right	11/1/22 @ 4:15pm ET
"Economy"	A blunt discussion of the state's economy	Carlsbad Current Argus	Not Rated	11/2/22 @ 10:30am ET
"Economy"	the Truth About America's Economic Recovery	New York Times	Lean Left	11/2/22 @ 10:30am ET
"Economy"	Despite all the critics, California could soon rise to be the worlds 4th-largest economy	Los Angeles Times	Lean Left	11/2/22 @ 10:30am ET
"Economy"	California's economy could become the 4th largest in the world	KTLA75	Not Rated	11/2/22 @ 10:30am ET
"Economy"	All the economic experts are at a loss on the eve of the midterms: 'The data is all over the map'	Fortune	Center	11/2/22 @ 10:30am ET
"Economy"	Layoffs mount as U.S. economy downshifts	CBS News	Lean Left	11/3/22 @ 7:00pm ET
"Economy"	Analysis I Republicans Plan to Fix the Economy Is We're Still Waiting	Washington Post	Lean Left	11/3/22 @ 7:00pm ET
"Economy"	VIEW Canada cuts 2023 GDP forecast but says economy to avoid recession	Reuters	Center	11/3/22 @ 7:00pm ET
"Economy"	COLUMN-U.S. economy on course for a relatively hard landing: Kemp	Yahoo Finance	Not Rated	11/3/22 @ 7:00pm ET

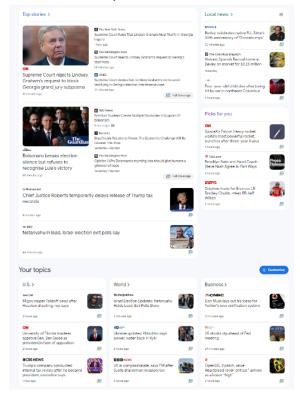
"Economy"	Economy Statement by Benjamin Harris, Assistant Secretary for Economy Policy, for the Treasury Borrowing Advisory Committee	Treasury	Not Rated	11/3/22 @ 7:00pm ET
"Economy"	Crime is top of mind for Republicans going after the Attorney General's office	NPR	Lean Left	11/4/22 @ 1:30pm ET
"Economy"	Are Republicans Right About America's Crime Wave? Let's Look at the Data	Washington Post	Lean Left	11/4/22 @ 1:30pm ET
"Economy"	Rising crime statistics are not all that they seem	NPR	Lean Left	11/4/22 @ 1:30pm ET
"Economy"	I, a Conservative, Am Terrified by the Crime in a City I've Never Been To	The New Yorker	Left	11/4/22 @ 1:30pm ET
"Economy"	In Milwaukee, city and suburban voters are at partisan odds over crime	Washington Post	Lean Left	11/4/22 @ 1:30pm ET
"Abortion"	FDA says providers offering medication abortion before pregnancy have gone rogue	Politico	Lean Left	10/31/22 @ 5:30pm ET
"Abortion"	<u>Legal Abortions Fell Around Six Percent in Two</u> <u>Months After End of Roe</u>	NYT	Lean Left	10/31/22 @ 5:30pm ET
"Abortion"	Overturning Roe Has Meant At Least 10,000 Fewer Legal Abortions	FiveThirtyEi ght	Center	10/31/22 @ 5:30pm ET
"Abortion"	Michigan abortion-rights battle rakes in cash ahead of referendum	Politico	Lean Left	10/31/22 @ 5:30pm ET
"Abortion"	In Kentucky, abortion rights activists hope for a repeat of Kansas win	NPR	Lean Left	10/31/22 @ 5:30pm ET
"Abortion"	Travel time to abortion facilities grew significantly after Supreme Court overturned Roe v. Wade	CNN	Left	11/1/22 @ 4:15pm ET
"Abortion"	State abortion bans prove easy to evade	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Abortion"	FDA says providers offering medication abortion before pregnancy have gone rogue	Politico	Lean Left	11/1/22 @ 4:15pm ET
"Abortion"	The history of abortion access in the U.S.	Penn Today	Not Rated	11/1/22 @ 4:15pm ET
"Abortion"	Hospital investigated for allegedly denying emergency abortion with patient's life in danger	Los Angeles Times	Lean Left	11/1/22 @ 4:15pm ET
"Abortion"	Travel time to abortion facilities grew significantly after Supreme Court overturned Roe v. Wade	CNN	Left	11/2/22 @ 10:30am ET
"Abortion"	State abortion bans prove easy to evade	Politico	Lean Left	11/2/22 @ 10:30am ET

"Abortion"	Meeting abortion patients where they are: providers turn to mobile units	NPR	Lean Left	11/2/22 @ 10:30am ET
"Abortion"	Abortion Bans Will Result in More Women Dying	Center for American Progress	Lean Left	11/2/22 @ 10:30am ET
"Abortion"	FDA expresses concern about providers who offer abortion medications before pregnancy, reports say	CNN	Left	11/2/22 @ 10:30am ET
"Abortion"	Misinformation about abortion is surging in Spanish in the lead up to elections : Shots - Health News	NPR	Lean Left	11/3/22 @ 7:00pm ET
"Abortion"	Doctor who performed abortion for IO-year old sues Indiana AG, alleges fishing expedition'	Politico	Lean Left	11/3/22 @ 7:00pm ET
"Abortion"	Dr. Caitlin Bernard provided an abortion to a I0-year-old rape victim	NPR	Lean Left	11/3/22 @ 7:00pm ET
"Abortion"	Travel time to abortion facilities grew significantly after Supreme Court overturned Roe v. Wade	CNN	Left	11/3/22 @ 7:00pm ET
"Abortion"	Planned Parenthood will soon start offering abortion pills from a mobile clinic	NPR	Lean Left	11/3/22 @ 7:00pm ET
"Abortion"	Doctors and advocates tackle a spike of abortion misinformation – in Spanish	NPR	Lean Left	11/4/22 @ 1:30pm ET
"Abortion"	What it's like inside a Michigan abortion clinic, days before the midterm elections	NPR	Lean Left	11/4/22 @ 1:30pm ET
"Abortion"	Horrific NPR abortion audio shows Americans how terrible procedure and NPR truly are	Fox News	Right	11/4/22 @ 1:30pm ET
"Abortion"	Travel time to abortion facilities grew significantly after Supreme Court overturned Roe v. Wade	CNN	Left	11/4/22 @ 1:30pm ET
"Abortion"	While in effect, Ohio's abortion ban led to chaos, suffering, and worse health care, doctor says	Ohio Capital Journal	Lean Left	11/4/22 @ 1:30pm ET

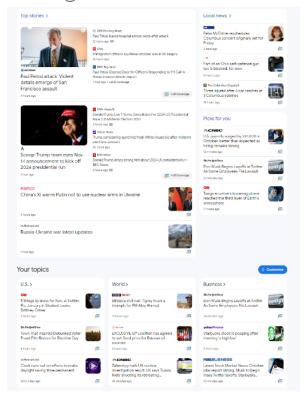
Appendix C: Sample Screenshots from Analysis

Screenshots: Method 1

11/1/22 @ 5:00pm ET:

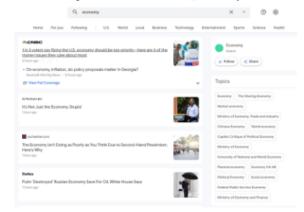


11/4/22 @ 10:00am ET:

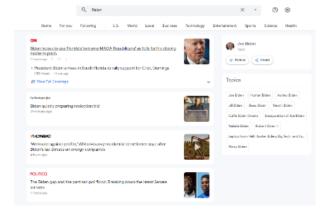


Screenshots: Method 2

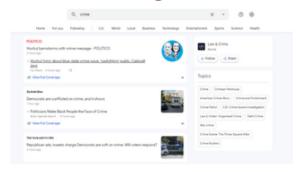
"Economy" on 10/31/22 @ 5:30pm ET



"Biden" on 11/1/22 @ 4:15pm ET



"Crime" on 11/2/22 @ 10:30am ET



"Election" on 11/4/22 @ 1:30pm ET

