Harnessing the disruptive force called social media

Power of networks



Millennials Rack Up 18 Hours of Media Use Per Day

Average time millennials in the U.S. spend interacting with media per day (hh:mm)*



[&]quot; media activities are not mutually exclusive; based on a 2014 survey among 839 U.S. adults aged 18-36

THE WALL STREET JOURNAL.

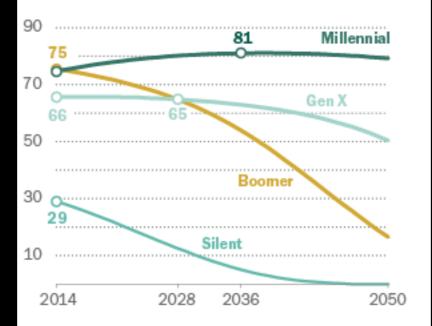
Source: Crowdtap, Ipsos MediaCT





Projected Population by Generation

In millions



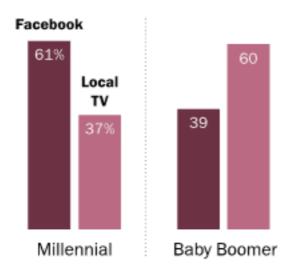
Note: Millennials refers to the population ages 18 to 34 as of 2015.

Source: Pew Research Center tabulations of U.S. Census Bureau population projections released December 2014

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Millennials and Baby Boomers: A Generational Divide in Sources Relied on for Political News

% who got news about politics and government in the previous week from...



American Trends Panel (wave 1). Survey conducted March 19-April 29, 2014. Q22, Q24A. Based on online adults.

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More than 350 million TWEETS ARE SENT per day



Power of hashtags

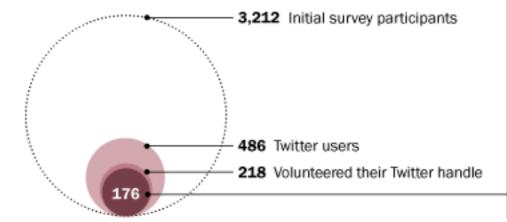
Top Hashtags in the conservative-oriented Group 14	Top Hashtags in the liberal-oriented Group 2		
#tcot - top conservatives on Twitter	#ows - Occupy Wall Street		
#p2 – progressives 2.0	#p2 – progressives 2.0		
#obama	#fb - hashtag for posting tweets to Facebook		
#tlot - top libertarians on Twitter	#tcot - top conservatives on Twitter		
#women	#p2p - peer-to-peer		

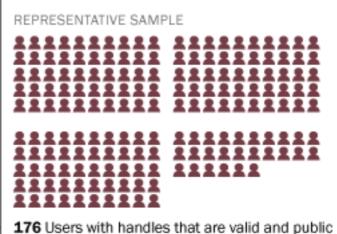
How Americans Use Twitter for News

A Snapshot of 176 Twitter Users

From a survey of U.S. adults, we recruited a representative sample of 176 Twitter users who gave us permission to analyze their Twitter activity. We examined 6,538 tweets sent from these users in four randomly selected weeks between August 2014 and February 2015, as well as posts from over 10,000 accounts that these users follow. Data were pulled from the Gnip Firehose and Twitter API. News is defined in the same manner as other recent Pew Research Center social media research: information about events and issues beyond one's friends and family. A full methodology is available at http://pewrsr.ch/1EzUzKk.

Sample selection:

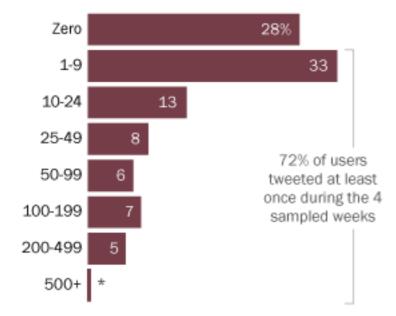




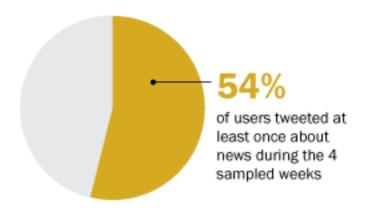
How News Tweets Fit In

In our snapshot, **most users tweeted relatively little:** 72% of users tweeted at least once during the four sampled weeks; only 39% tweeted 10 times or more; and a very small portion (12%) tweeted 100 times or more.

% of users who tweeted ___ times ...



Tweeting about news is fairly common: About half (54%) of our sample tweeted about news during the time studied.



Among those **Twitter users** who tweeted about news, on average ...

48% of a user's tweets were about news

How Users Share News

When users tweeted, on average, three-in-ten posts were retweets. But when they tweeted about news, on average, nearly half of their posts were retweets – a significantly higher proportion.

Among the users who tweeted about news, average % of their news tweets that were ...



Among all 176 users, average % of all tweets that were ...



Those who tweeted about news both follow and are followed by a greater number of accounts than the group overall.

Average number of accounts a user follows

All users

Average number of followers per user

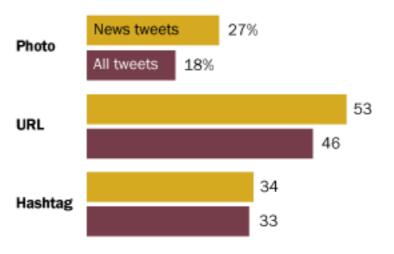
News tweeters

431 accounts

501

News tweets were also more likely to contain photos and include URLs, but were on par when it came to hashtags.

Average % of a user's ___ that contained a ...



Popular News Topics and Opinion Sharing

The **three most common news topics** posted about are entertainment, sports, and government and politics.

Among the users who tweeted about news, average % of a user's news tweets that were about ...



28%

Entertainment news



25%

Sports news

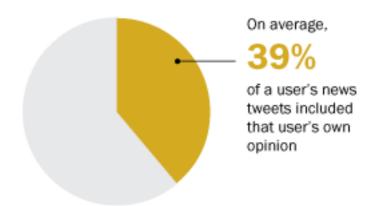


17%

Government & politics news

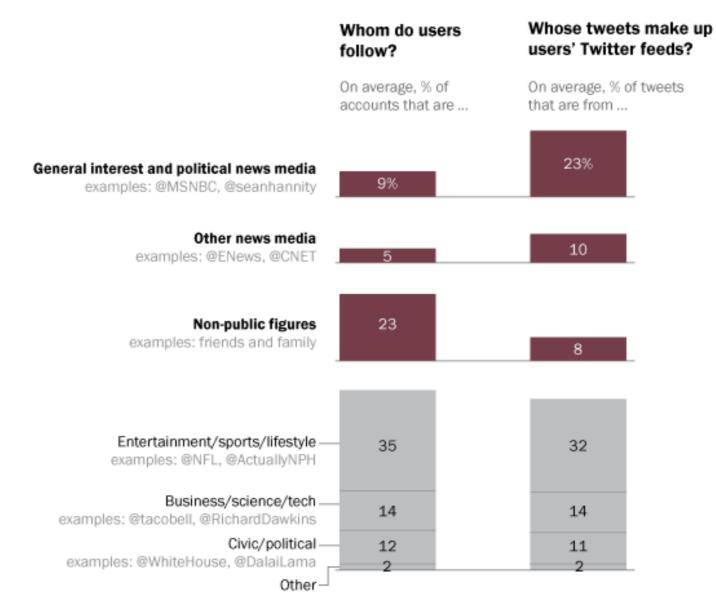
Note: Based on tweets of users who tweeted about news during the four sampled weeks (N=93). Other topics coded for include weather and traffic, business, science and technology, crime, health, the media, and other, each of which individually made up no more than 6% of users' news tweets on average.

In most cases, the news tweets studied here did not contain the Twitter user's opinion, but simply reported or passed on information.



The Accounts These Users Follow

Among these 176 users, relatively few of the accounts they follow are news media organizations or individuals, but **tweets from news media make up a significant portion of a user's feed**, while non-public figures (like friends and family) account for a disproportionately smaller share.



Note: The "Other news media" category includes news media organizations and individuals that cover news about entertainment/sports/lifestyle and business/science/technology categories. Both "news media" categories include the accounts of news organizations and individual reporters. All other categories do not include news media. For more information, see the methodology at http://pewrsr.ch/1EzUzKk.



NETWORK TYPE GROUPS EXAMPLES

Divided

1





POLARIZED CROWDS This type illustrates different groups of Twitter users who discuss polarizing topics. They often rely on different sources of information and commonly do not interact with groups that disagree with them.

2 large

Politics or divisive topics that display separate *echo chamber* structures

Unified

2



TIGHT CROWDS This type captures close communities, such as conferences, professional topics and hobby groups, where participants strongly connect to one another for information, ideas and opinions.

2-6 medium

Hobbies, professional topics, conferences. No outsiders, all participants are members

Fragmented

3

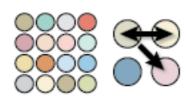


BRAND CLUSTERS This type is formed around products and celebrities. These popular topics attract large fragmented Twitter populations, generating mass interest, but little connectivity.

Many small

Brands, public events, popular subjects

Clustered



COMMUNITY CLUSTERS These groups Many small and are created around global news events and popular topics. Communities form around multiple news sources. These community clusters are mostly disconnected from one another.

medium

Global news events

In-Hub & Spoke



BROADCAST NETWORK This type is often triggered by news media outlets secondary and pundits who have loyal followers who retweet them. These communities are often star-shaped, as little interaction exists among members of the audience.

1 large, some

News pundits and media outlets, famous individuals

Out-Hub & Spoke



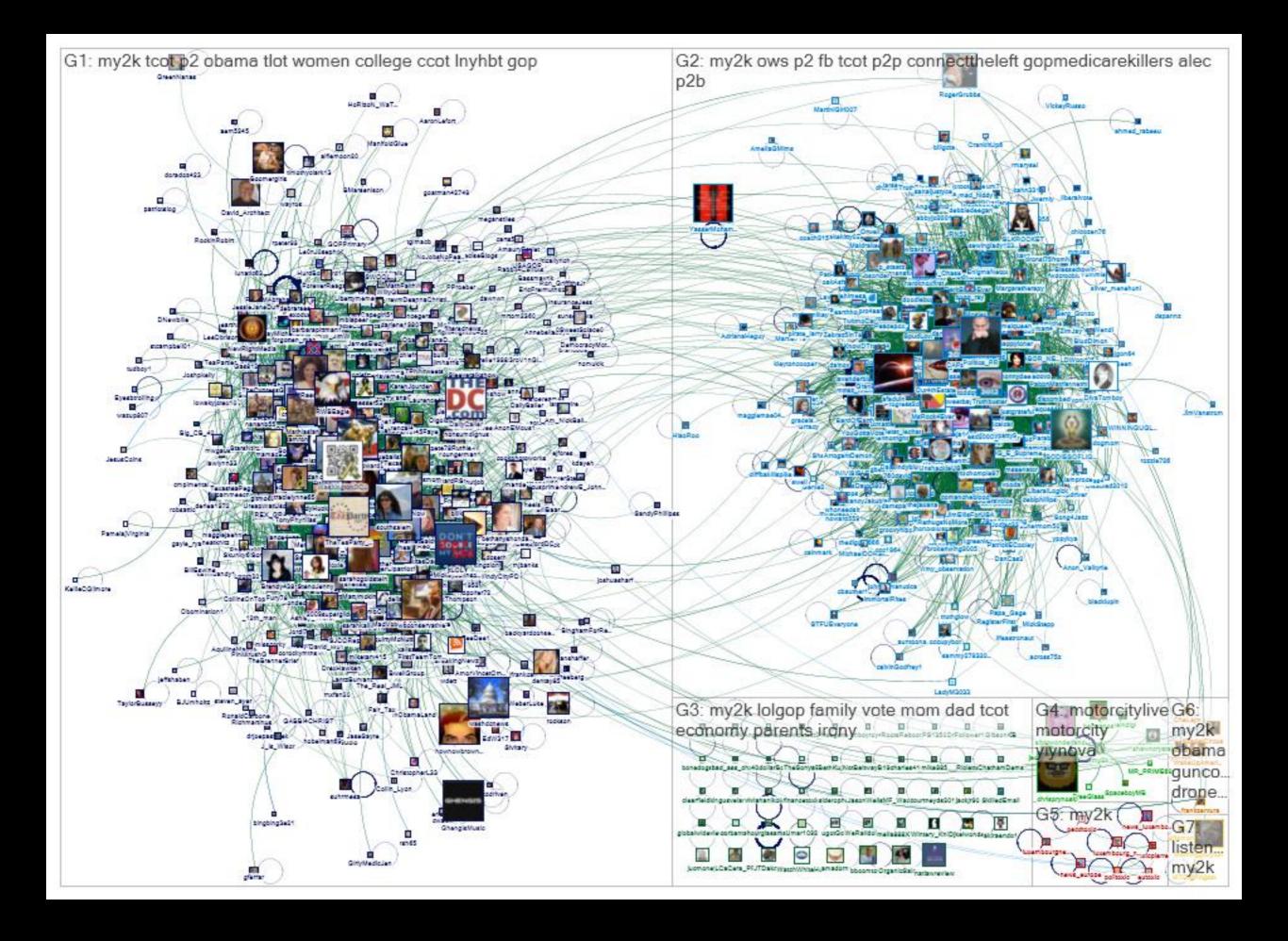


SUPPORT NETWORK This type is created when companies, government secondary agencies or organizations respond to complaints and customer requests. The company, or hub, account replies to many disconnected users, creating outward spokes.

1 large, some

Companies and services with customer support

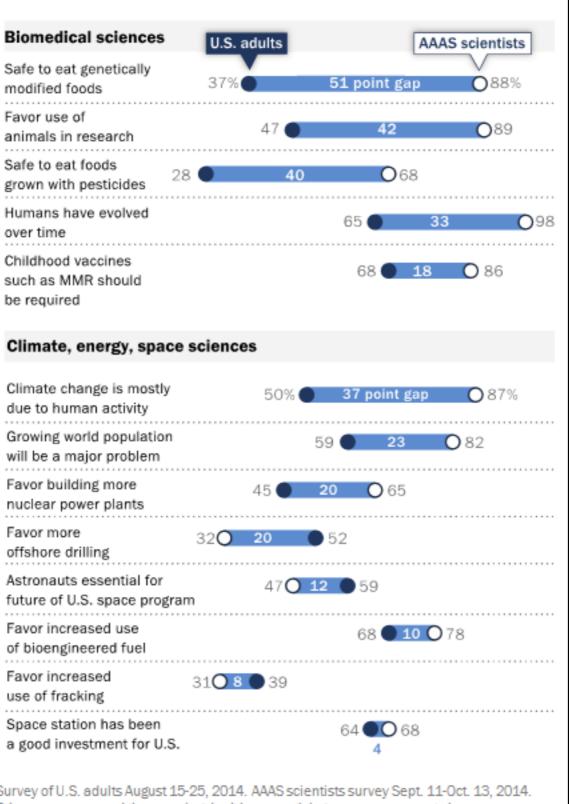
PEW RESEARCH CENTER in association with Social Media Research Foundation



Climate context

Opinion Differences Between Public and Scientists

% of U.S. adults and AAAS scientists saying each of the following

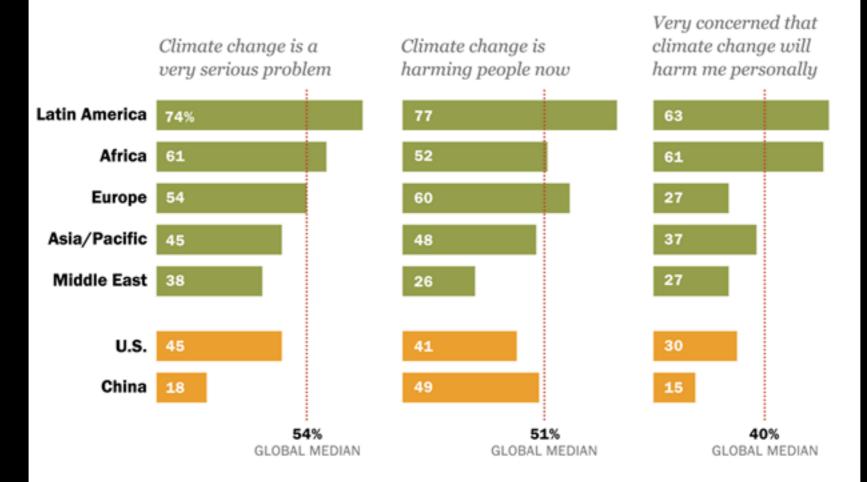


Survey of U.S. adults August 15-25, 2014. AAAS scientists survey Sept. 11-0ct. 13, 2014. Other responses and those saying don't know or giving no answer are not shown.

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Latin America, Africa More Concerned about Climate Change Compared with Other Regions

Regional medians



Note: Russia and Ukraine not included in Europe median. Asia-Pacific median includes China. Source: Spring 2015 Global Attitudes survey. Q32, Q41 & Q42.

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Build a "climate" Twitter

Take advantage of news events

theguardian

election 2016 US world opinion sports soccer tech arts lifestyle fashion business travel environment

wildlife energy

≡ browse all sections

Climate change

home) environment) climate change

Obama administration pays out \$500m to climate change project

pollution

The first chunk of a \$3bn commitment made at the Paris climate talks 'shows the US stands squarely behind climate commitments', the State Department said





Barack Obama at the Paris climate change talks in late 2015. His administration has pledged \$3bn towards climate change projects. Photograph: Reuters

The Obama administration has made a first installment on its \$3bn pledge to help

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♠ In reply to Beth #NeverTrump

Joshua @Beth/

Joshua Wilson @TheFirstRanger · 20h @BethAnnDavidson #ThinGreenLine #HonorFirst

47

1 ...

View conversation



Serena Larkin @serenalarkin · Mar 2

Northwest #coal exports: what to expect in 2016. bit.ly/1TnJS9g @DericGruen @Eric_deP via @Sightline #ThinGreenLine



Northwest Coal Exports: What to Expect in 2016

What you need to know about the current state of Northwest coal export schemes.

sightline.org

4

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Doug Heiken @doug_h · Feb 24

Another reason to Stop LNG export proposals on the west coast! #thingreenline

Gina McCarthy @GinaEPA

New info shows methane emissions from existing sources in oil & gas sector are substantially higher than we previously understood. #CERAWeek

4

47



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The Great Unwashed @_GreatUnwashed · Feb 24

Take the #PNW Pledge of Resistance to dirty energy exports Sat 2/27 bit.ly/1p48B5F v @Sightline #ThinGreenLine



Social media must include diverse voices

Getting ahead of the story, changing the narrative



Local

US & World

Business

Sports

A&E

Life Travel

Comics

Debate is between mitigating or adapting

By MARK TRAHANT, P-I EDITORIAL PAGE EDITOR Published 10:00 pm, Saturday, April 14, 2007

















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