### **PA Vaccine Conversations on Twitter**

Dr. Iuliia Alieva, Dawn Robertson, Dr. Kathleen M. Carley Vaccine Hesitancy Project Update based on on July 8, 2022 - July 14, 2022

The CMU centers for:

Informed DEmocracy And Social cyber-security

Computational Analysis of Social and Organizational Systems



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### **PA Vaccine Conversations Project**

- ☐ This report is an effort to summarize social media conversations around COVID-19 issues in Pennsylvania, with a focus on vaccination. It contains an analysis of the general topics related to COVID-19 vaccination. This includes discussions related to COVID-19 regulations, mandates, masks, pro-and anti-vaccination campaigns, science messages, misinformation, disinformation, conspiracy theories, and vaccine hesitancy messages.
- ☐ Anti-Vax messaging includes vaccine hesitancy messages, opinions, questions, policy health and science related information, misinformation, disinformation, and conspiracy theories.

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### **Report Overview July 8- July 14**

- COVID-19 mandates, masks, military, boosters, vaccine passports are trending this week;
- □ Popular anti-vax tweets: Uruguay demanded #pfizer state if graphene oxide was in the jab and what else is in it. Pfizer withdraws from Uruguay; J.T. Realmuto said he consulted with doctors he knew and decided he did not need a COVID vaccine. He will forfeit close to \$260,000. "I'm not going to let Canada tell me what I do and don't put in my body for a little bit of money," Realmuto said. "It's just not worth it;" qBoth Pfizer and Moderna admitted in the submitted papers seeking approval, these are NOT VACCINES, they are GENE THERAPY. Take a listen to a government committee hearing testimony. It's worth your time. https://t.co/wvaYjmbVWn; qWhen vaccine passports were being implemented, protests took place around the world but there was hardly any coverage from the media. Due to the cost of living crisis, protests are happening around the world but again, the media turns a blind eye. https://t.co/ym9zDzeTO7: "You can either lose 1.38 billion customers or allow an independent investigation to be conducted to determine if your products are safe and immunogenic." The answer of #Pfizer, see below If you are still not awake yet, you should be by now. Credits: @hidear\_3 #PfizerGate https://t.co/GmstSbRQWp

7/26/2022



### **Countering disinformation July 8- July 14**

- ☐ This week, we see many vaccine hesitancy and disinformation stories;
- Among fact-checking stories, there is a debunking piece about misinterpreted Swedish study that shows Pfizer's COVID-19 vaccine changes recipients' DNA <a href="https://apnews.com/article/Fact-check-COVID-Vaccine-Sweden-Study-986569377766">https://apnews.com/article/Fact-check-COVID-Vaccine-Sweden-Study-986569377766</a>
- FactCheck.org created a guide for COVID-19 Misconceptions <a href="https://www.factcheck.org/covid-misconceptions/">https://www.factcheck.org/covid-misconceptions/</a>
- Many anti-vax stories are focused on vaccination for children. FactCheck.org has recently published a guide to COVID-19 vaccines for the youngest kids <a href="https://www.factcheck.org/2022/07/scicheck-a-guide-to-covid-19-vaccines-for-the-youngest-kids/">https://www.factcheck.org/2022/07/scicheck-a-guide-to-covid-19-vaccines-for-the-youngest-kids/</a>
- □ FactCheck.org also published a debunking story for an old disinformation claim about vaccines altering DNA. This story is still pervasive on social media and should be addressed <a href="https://www.factcheck.org/2022/06/scicheck-website-peddles-old-debunked-falsehood-about-covid-19-mrna-vaccines/">https://www.factcheck.org/2022/06/scicheck-website-peddles-old-debunked-falsehood-about-covid-19-mrna-vaccines/</a>

### Popular anti-vax stories sorted by shares

Anti-vax, disinformation, and vaccine hesitancy stories sorted by the number or shares utkick.com/covid-booster-dose-less-than-20-effective-according-to-new-study. COVID BOOSTER DOSE LESS THAN 20% EFFECTIVE ACCORDING TO NEW STUDY ugutube/axK3SyuBuYw A man who became partially paralyzed after getting his first dose is one of the first in Canada to be compensated for vaccine injury  $\underline{ the epochtimes.com/few-young-children-are-getting-covid-19-vaccines-data\ 4585846.html}{ Few Young\ Children\ Are\ Getting\ COVID-19\ Vaccines:\ Data}$ theepochtimes.com/city-of-pittsburghs-vaccine-mandate Decimate Already Struggling Police Force, Says Detective <u>-mandate-will-decimate-already-struggling-police-force-says-detective 4583200.html</u> City of Pittsburgh's Vaccine Mandate Will  $\frac{childrenshealthdefense.org/defender/pfizer-whistleblower-lawsuit-fraud}{Pfizer-Asks} \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ to \ Dismiss \ Whistleblower-Lawsuit \ Because \ Government \ Was \ Aware \ of \ Fraud \ Prizer-Asks \ Court \ Was \ Prizer-Asks \ Pri$ ohiocapitaljournal.com/2022/07/06/activists-want-anti-vaccine-amendment-in-ohio-constitution Activists want anti-vaccine amendment in Ohio Constitution childrenshealthdefense.org/defender/army-national-guard-reserve-soldiers-covid-vaccine-mandate Army Cuts 60,000 Unvaccinated Guard and Reserve Soldiers From Training and Pay as COVID Vaccine Mandate Deadline Passes rumble.com/v1bnjr1-dr.-mike-yeadon-the-alleged-vaccine-does-not-work.html Dr. Mike Yeadon: the alleged vaccine does not work sharylattkisson.com/2022/07/read-cdc-allegedly-failed-to-perform-promised-routine-surveillance-of-covid-19-vaccine-adverse-events (READ) CDC allegedly failed to perform promised 'routine surveillance' of Covid-19 vaccine adverse events  $\underline{elobservador.com.uy/nota/justicia-dio-lugar-al-amparo-y-suspendio-la-vacunacion-en-ninos-menores-de-13-anos-20227712847 \ Justice gave rise to protection and the protection and the$ suspended vaccination in children under 13 years of age thepolemicist.substack.com/p/the-wrinkle-abortion-rights-vaccine The Wrinkle: Abortion Rights, Vaccine Passports, and Bodily Autonomy odysee.com/@realjoelsmalley:2/pregnancyvaccineinjury:4 Experts warning of risks of COVID vaccine for pregnant women in August 2021 - Yeadon expose-news.com/2022/07/08/ardern-admits-covid-vaccines-dont-work Jacinda Ardern admits Highly Vaccinated New Zealand is losing the COVID battle because the Jabs don't work tv.gab.com/channel/white rabbit/view/vaccine-carnage-in-the-er-a-62ad0552683e90915ccf1f73 Vaccine Carnage In The ER, A Nurse Speaks Out rld.site/johns-hopkins-university-confirms-you-can-be-vaccinated-with-a-pcr-test-even-without-knowing Johns Hopkins University confirms: You can be vaccinated with a PCR test, even without knowing news.yahoo.com/single-most-qualified-mrna-expert-173600060.html 'Single most qualified' mRNA expert speaks about vaccine risks after he says YouTube Canada and the same of th twitter.com/LeviNathan555/status/1543622501300948994 "#WeThePeople know that they are the real #virus. & #Elected #officials betrayed our #TRUST #TWITTENDED Carnegie Mellon University

### Anti-vax stories sorted by the projected impact

outkick.com/covid-booster-dose-less-than-20-effective-according-to-new-study COVID BOOSTER DOSE LESS THAN 20% EFFECTIVE ACCORDING TO NEW STUDY rumble.com/v1bnjr1-dr.-mike-yeadon-the-alleged-vaccine-does-not-work.html Dr. Mike Yeadon: the alleged vaccine does not work ugoutu.be/axK3SyuBuYw A man who became partially paralyzed after getting his first dose is one of the first in Canada to be compensated for vaccine injury odysee.com/@realjoelsmalley:2/pregnancyvaccineinjury:4 Experts warning of risks of COVID vaccine for pregnant women in August 2021 – Yeadon  $\frac{expose-news.com/2022/07/08/ardern-admits-covid-vaccines-dont-work}{Lower Lower L$ s.yahoo.com/single-most-qualified-mrna-expert-173600060.html 'Single most qualified' mRNA expert speaks about vaccine risks after he says YouTube banned his video sharylattkisson.com/2022/07/read-cdc-allegedly-failed-to-perform-promised-routine-surveillance-of-covid-19-vaccine-adverse-events (READ) CDC allegedly failed to perform promised 'routine surveillance' of Covid-19 vaccine adverse events theepochtimes.com/few-young-children-are-getting-covid-19-vaccines-data 4585846.html Few Young Children Are Getting COVID-19 Vaccines: Data ohiocapitaljournal.com/2022/07/06/activists-want-anti-vaccine-amendment-in-ohio-constitution Activists want anti-vaccine amendment in Ohio  $\frac{elobservador.com.uy/nota/justicia-dio-lugar-al-amparo-y-suspendio-la-vacunacion-en-ninos-menores-de-13-anos-20227712847 Justice gave rise to protection and suspended vaccination in children under 13 years of age$ uthepolemicist.substack.com/p/the-wrinkle-abortion-rights-vaccine The Wrinkle: Abortion Rights, Vaccine Passports, and Bodily Autonomy childrenshealthdefense.org/defender/pfizer-whistleblower-lawsuit-fraud Pfizer Asks Court to Dismiss Whistleblower Lawsuit Because Government Was tv.gab.com/channel/white rabbit/view/vaccine-carnage-in-the-er-a-62ad0552683e90915ccf1f73 Vaccine Carnage In The ER, A Nurse Speaks Out cosmicworld.site/johns-hopkins-university-confirms-you-can-be-vaccinated-with-a-pcr-test-even-without-knowing Johns Hopkins University confirms-you can be vaccinated with a PCR test, even without knowing twitter.com/LeviNathan555/status/1543622501300948994 "#WeThePeople know that they are the real #virus. & #Elected #officials betrayed #TRUST! #Nuremberg2"

### Measures for countering health disinformation

- ■Anti-vaccine narratives are still pervasive on social media, while there are not that many counter-narratives about the positive effects of vaccines;
- ☐ There is a need for a reframing of social media as a medically and socially valuable resource and platform because of its high impact on society;
- ☐ Healthcare organizations need to implement social media strategies to create and expand conversations countering disinformation on social media;
- □ It would be helpful for health communicators to cooperate with local influencers who could spread pro-vaccination messages. Another strategy could be to motivate health practitioners to use social media as a channel for communication with the public;
- □"Strategies focused on meaningfully and safely engaging HCPs on social media, promoting interconnectivity across the medical and public health communities on COVID-19 vaccine truths, and sustaining these messaging efforts across vaccine implementation stages will be our best hope of preventing any more missed doses and promoting "misinformation immunity" for all." (Hernandez et al. 2021. "The COVID-19 vaccine social media infodemic: healthcare providers' missed dose in addressing misinformation and vaccine hesitancy.")

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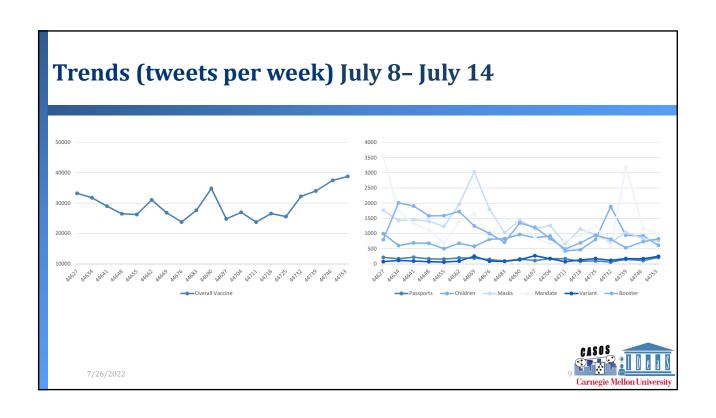
### Measures for countering health disinformation

- As a trusted source of information on vaccines, family physicians play a crucial role in driving vaccine acceptance;
- □ Sharing stories, building trust with patients, addressing pain associated with vaccination, presenting vaccination as the default approach early on, focusing on the benefits of protection, and being honest about side effects could also help to promote pro-vaccination attitudes (Shen & Dubey 2019. "Addressing vaccine hesitancy: Clinical guidance for primary care physicians working with parents");
- □ It is helpful to provide more information for the patients about the possible disinformation strategies they may deal with, such as manipulating emotions to promote misinformation and conspiracy theories to sow confusion and create division. Inoculation strategy may help to prepare the community by presenting counterarguments to misinformation and raising awareness of negative emotional appeals spread by anti-vaccine campaigns;
- ☐ Framing vaccination as a concrete, actionable strategy to reduce COVID-19 risk may help to address negative emotions, increase self-efficacy and ensure the feelings of control over reducing COVID-19 risk.

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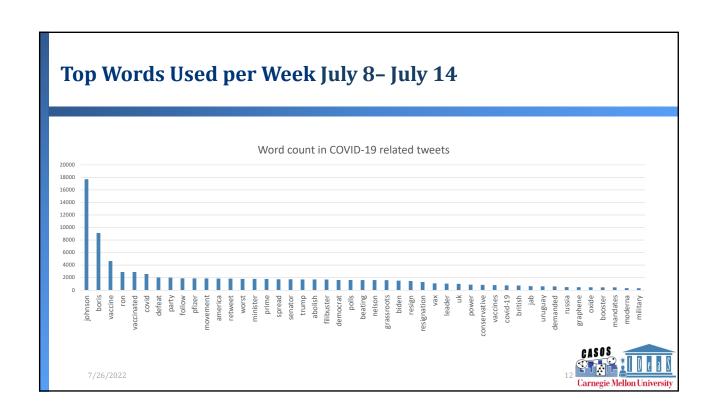


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### High Level View by City July 8 - July 14 Conversation topics trending this week Tweets Tweets Overall Vaccine 46.2% 12168 36.3% 1.0% 12.2% 1485 4.4% over last Military Vaccine Passports 0.8% 0.3% FDA Approval 49 26 0.2% 8 0.1% 11 0.3% 0.3% **Passports** Boosters 503 256 1.7% 146 1.2% 2.4% 58 1.4% 35 2.4% **Boosters** Employees 121 44 0.3% 49 0.4% 1.2% 16 0.4% 8 0.5% "Experimental" 102 41 0.3% 38 0.3% 1 0.3% 18 0.4% 0.3% Children 356 204 1.3% 90 0.7% 1 0.3% 50 1.2% 11 0.7% Myocarditis 54 34 0.2% 0.1% 0.3% 10 0.2% 1 0.1% 161 1.5% 93 0.6% 43 0.4% 15 0.4% 0.3% Heart 746 355 2.3% 160 1.3% 14 4.3% 111 2.7% 106 Masks 7.1% Thrombosis/VITT 0.0% 0.0% 0.0% 925 13 29 2.0% 480 3.1% 244 2.0% 4.0% 3.9% Mandates 0.5% 130 0.6% 15 0.1% 0.2% Natural Immunity 98 8 0.4% 0.6% Efficacy 0.6% 0.4% Omicron 164 0.5% 0.4% Delta Variant 2.4% 1.2% 1.8% 2.2% 38 Race Ivermectin 0.2% 369 151 1.0% 116 1.0% 1.9% 18 1.2% 7/26/2022

### High Level View by County July 8- July 14 Race: pulled by one of the vaccine Overall Vaccine 12385 20 30 9 35 5 keywords plus at least one other term in Vaccine Passports ("Black", "African American", "of color", FDA "Latin", "Hispanic", "brown", "eugenic") Boosters Employees "Experimental" 38 Children 91 Myocarditis Heart Thrombosis/VITT Mandates 246 3 Natural Immunity 15 Efficacy 34 1 49 Omicron Delta Variant Race Ivermectin Military 118 Breakthrough



### **Top Hashtags by County July 8- July 14**

■ We've checked hashtags in several counties such as Allegheny, Beaver, Butler, Cambria, Fayette, Indiana, Somerset, and West Moreland. After removing hashtags that were part of our search criteria, the top 5 hashtags for each county related to COVID19/vaccines are as follows\*:

Allegheny	Beaver + Butler	Cambria	West Moreland
pfizer (216)	herewego (2)	covidisnotover (1)	covid19 (1)
covid19 (85)	pittsburgh (2)		omicron (1)
borisjohnson (34)	abortionban (1)		vaccinated (1)
herewego (33)	vaccinedeaths (1)		
pfizergate (33)	covid (1)		

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### Top Hashtags by City July 8- July 14

☐ After removing hashtags that were part of our search criteria, the top 5 hashtags for each region related to COVID19/vaccines are as follows:

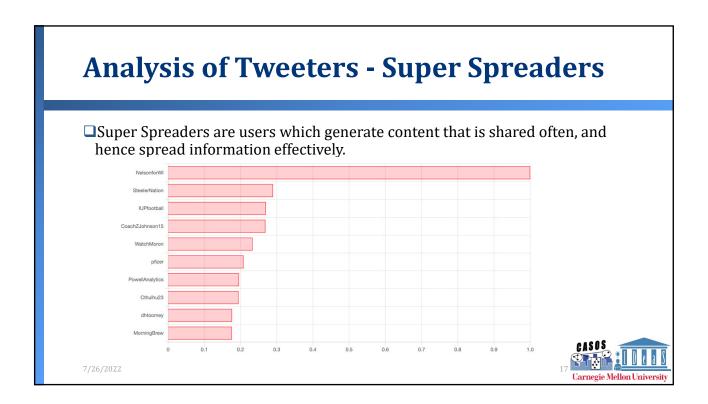
Philadelphia	Chester	Norristown	Pittsburgh	Erie	Allentown/ Bethlehem	Other
pfizer (333)	pfizer (439)	pfizer (37)	pfizer (216)	pfizer (9)	pfizer (158)	pfizer (16)
metoo (142)	uruguay (13)	johnsonout164 (26)	covid19 (85)	borisjohnsonresign (3)	covid19 (31)	covid19 (13)
covid19 (91)	covid19 (7)	covid19 (19)	borisjohnson (34)	proudblue22 (3)	pfizergate (19)	vaccine (11)
vaccine (45)	johnsonout164 (6)	foxnews (11)	herewego (33)	trumpforprison (3)	uruguay (16)	clownfall (7)
pfizergate (44)	vaccineinjuries (5)	vaccineswork (11)	pfizergate (33)	borisjohnson (2)	mrna (14)	metoo (5)

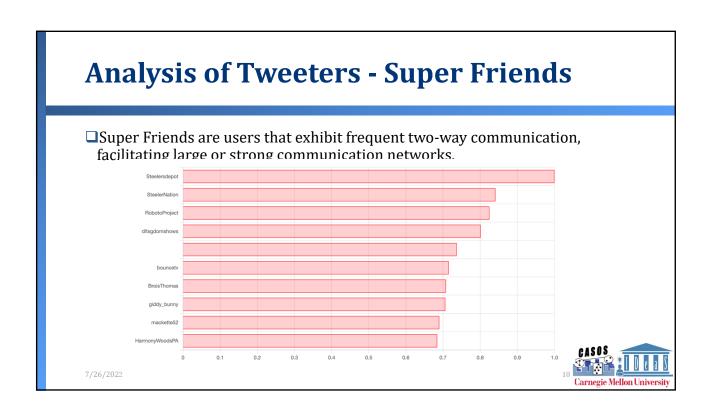


## **Top URLs by County July 8- July 14**

Allegheny	Butler + Beaver	Fayette	Indiana	West Moreland
study COVID BOOSTER DOSE LESS	johnson-united-kingdom-resign-prime- minister/2022/07/07/id/1077660	MCENROE BASHES POLITICIANS FOR	dio-lugar-al-amparo-y-suspendio-la- vacunacion-en-ninos-menores-de-13- anos-20227712847 Justice gave rise to	nypost.com/2022/07/07 en-admin-snafu-leaves million-monkeypox-dose denmark Biden admin sl leaves 1 million monkey doses in Denmark (1)
theepochtimes.com/city-of- pittsburghs-vaccine-mandate-will- decimate-already-struggling-police- force-says-detective 4583200.html City of Pittsburgh's Vaccine Mandate Will Decimate Already Struggling Police Force, Says Detective (26)	nypost.com/2022/07/07/biden- admin-snafu-leaves-1-million- monkeypox-doses-in-denmark Biden admin snafu leaves 1 million monkeypox doses in Denmark (1)	telegraph.co.uk/politics/2022/07/07/ Doris-johnson-resign-news- government-resignations-gove-zahawi Boris Johnson resigns: New policies must wait for next leader, says PM (1)	thepolemicist.substack.com/p/the- wrinkle-abortion-rights-vaccine The Wrinkle: Abortion Rights, Vaccine Passports, and Bodily Autonomy (1)	
theintercept.com/2022/07/07/mass- shooting-guns-ron-johnson-campaign RON JOHNSON CAMPAIGN SCRAMBLED TO PULL "MASS MURDER" AD AFTER JULY 4 MASS SHOOTING (21)	nationalgeographic.com/science/articl e/how-contagious-is-monkeypoxand- should-you-get-a-vaccine-heres-the- latest- How contagious is monkeypox—and should you get a vaccine? Here's the latest. (1)			
childrenshealthdefense.org/defender/ pfizer-whistleblower-lawsuit-fraud Pfizer Asks Court to Dismiss Whistleblower Lawsuit Because Government Was Aware of Fraud (14)	fxn.ws/3nSwQo4 John McEnroe says Novak Djokovic should play US Open despite COVID vax status: 'This is ridiculous' (1)			
ohiocapitaljournal.com/2022/07/06/ activists-want-anti-vaccine- amendment-in-ohio-constitution Activists want anti-vaccine amendment in Ohio Constitution (13)	nyti.ms/3RjwdRC Tory Ministers Tell Boris Johnson to Resign (1)			

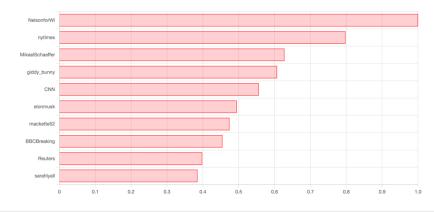
Top URLs by City July 8- July 14						
Philadelphia	Chester	Norristown	Pittsburgh	Erie	Allentown/Bethlehem	Other
youtu.be/axK3SyuBuYw.A man who became partially paralyzed after getting his first dose is one of the first in Canada to be compensated for vaccine injury (42)	bbit/view/vaccine-carnage-in- the-er-a- 62ad0552683e90915ccf1f73	foxnews.com/us/army- cuts-pay-benefits-60000- unvaccinated-national- guard-reserves Army cuts pay, benefits from 57,000 unvaccinated National Guard, Reserves (12)	outkick.com/covid- booster-dose-less-than- 20-effective-according-to- new-study COVID BOOSTER DOSE LESS THAN 20% EFFECTIVE ACCORDING TO NEW STUDY (31)	ohiocapitaljournal.com/20 22/07/06/activists-want- anti-vaccine-amendment- in-ohio-constitution Activists want anti-vaccine amendment in Ohio Constitution (2)	outkick.com/covid-booster-dose- less-than-20-effective-according- to-new-study COVID BOOSTER DOSE LESS THAN 20% EFFECTIVE ACCORDING TO NEW STUDY (13)	neim.org/doi/full/10.1056 NEIMoa2203965 Effects o Previous Infection and Vaccination on Symptomat Omicron Infections (5)
neim.org/doi/full/10.1056/NE  Moa2203965 Effects of  Pervious Infection and Vaccination on Symptomatic Omicron Infections (33)	expose- news.com/2022/07/08/arder n-admits-coyld-vaccines-dont- work Jacinda Ardern admits Highly Vaccinated New Zealand is losing the COVID battle because the Jabs don't work (6)	Army Cuts 60,000 Unvaccinated Guard and Reserve Soldiers From	theepochtimes.com/citye- of-pittsburghs-vaccine- mandate-will-decimate- already-struggling-police- force-says- detective 4583200.html City of Pittsburgh's Vaccine Mandate Will Decimate Already Struggling Police Force, Says Detective (26)	new-study COVID BOOSTER DOSE LESS THAN 20% EFFECTIVE	militarytimes.com/news/your- army/2022/07/06/tens-of- thousands-of-part-time-soldiers- face-discharge-for-missing- covid-vax-deadline Tens of thousands of part-time soldiers face discharge for missing COVID vax deadline (12)	nypost.com/2022/07/07/ iden-admin-snafu-leaves- million-monkeypox-doses in-denmark Biden admin snafu leaves 1 million monkeypox doses in Denmark (4)
theepochtimes.com/few- young-children-are-getting- covid-19-vaccines- lata 4585846.html Few Young Children Are Getting COVID-19 Vaccines: Data (27)	sharylattkisson.com/2022/07/ fread-edc-allegedly-failed-to- perform-promised-routine- surveillance-of-covid-19- vaccine-adverse-events (READ) CDC allegedly failed to perform promised 'routine surveillance' of Covid-19 vaccine adverse events (6)	rumble.com/v1bnjr1-dr mike-yeadon-the-alleged- vaccine-does-not-	theintercept.com/2022/0 7/07/mass-shooting- guns-ron-iohnson- campaign RON JOHNSON CAMPAIGN SCRAMBLED TO PULL "MASS MURDER" AD AFTER JULY 4 MASS SHOOTING (21)	atus/1544519630307426 304 "When I asked Greene	twitter.com/LeviNathan555/stat us/1543622501300948994 "#WeThePeople know that they are the real #virus. & #Elected #officials betrayed our #TRUST! #Nuremberg2" (7)	childrenshealthdefense.org defender/pfizer- whistleblower-lawsuit- fraud Pfizer Asks Court to Dismiss Whistleblower Lawsuit Because Government Was Aware of Fraud (3)
atimes.com/california/story/2 022-07-05/why-ba-4-and-ba- 5-pose-big-coronavirus-risk- to-california Super contagious, able to reinfect: California faces pig coronavirus risk from BA.4, BA.5 (19)	elobservador.com.uy/nota/jus ticia-dio-lugar-al-amparo-y- suspendio-la-vacunacion-en- ninos-menores-de-13-anos- 20227712847 Justice gave rise to protection and suspended vaccination in children under 13 years of age (5)	/07/mass-shooting-guns- ron-johnson-campaign RON JOHNSON CAMPAIGN	childrenshealthdefense.or g/defender/pfizer- whistleblower-lawsuit- fraud Pfizer Asks Court to Dismiss Whistleblower Lawsuit Because Government Was Aware of Fraud (14)	youtu.be/PLo2Wwa3NNA Omicron Boosters, Kids' Vaccine & More (w/Dr. Paul Offit) (2)	cosmicworld.site/johns-hopkins- university-confirms-you-can-be- vaccinated-with-a-pcr-test-even- without-knowing Johns Hopkins University confirms: You can be vaccinated with a PCR test, even without knowing (5)	evanhospital.com/virus COVID-19 Vaccine Information (3)
nytimes.com/2022/07/08/hea lth/monkeypox-vaccine- reatment.html The U.S. May Be Losing the Fight Against Monkeypox, Scientists Say (19)	odysee.com/@realioelsmalley. 2/pregnancyvaccineiniury:4 Experts warning of risks of COVID vaccine for pregnant women in August 2021 - Yeadon (5)	montcopa.org/vaccine FACTS ABOUT THE COVID- 19 VACCINE IN A SERIES VIRTUAL MEETING (4)	ohiocapitaljournal.com/2 022/07/06/activists- want-anti-vaccine- amendment-in-ohio- constitution Activists want anti-vaccine amendment in Ohio Constitution (13)	722 D. Cimere Celd	khn.org/news/article/pfizer- pandemic-vaccine-market- paxlovid-outsize-profit-influence How Pfizer Won the Pandemic, Reaping Outsize Profit and Influence (5)	news.yahoo.com/single- most-qualified-mrna- expert-173600060.html 'Single most qualified' mRNA expert speaks abou vaccine risks after he say YouTube banned his vide





### **Analysis of Tweeters - Other Influencers**

□Other Influencers are users which have an active network presence, by tweeting often or mentioning users often, and operate in central parts of the conversation, such as by using important hashtags, or mentioning important users.





### **Accounts Referenced by the Most Tweets**

☐ This shows the tweeters that are most often referenced (e.g. mentioned) in PA tweets. Value is the number of tweets that reference the agent.

Agent Label	Value
NelsonforWI	1826
pfizer	452
WatchMoron	390
RhonddaBryant	299
13sarahmurphy	283
Angry_Voice	280
JuliaDavisNews	261
bennyjohnson	232
JohnFetterman	212
robreiner	212
NelsonforWI	1826
pfizer	452
WatchMoron	390

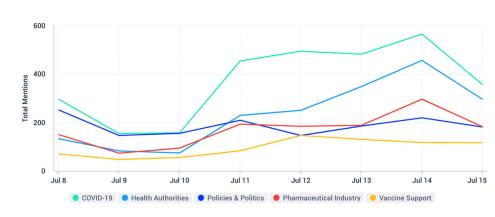


### **Trending Tweets July 8- July 14**

Tweets that are the most forwarded, either by retweet, reply, or quote:

- Uruguay demanded #pfizer state if graphene oxide was in the jab and what else is in it. Pfizer withdraws from Uruguay.
- ☐ The future looks brighter with science. https://t.co/IVNc9c17fy
- □ J.T. Realmuto said he consulted with doctors he knew and decided he did not need a COVID vaccine. He will forfeit close to \$260,000. "I'm not going to let Canada tell me what I do and don't put in my body for a little bit of money," Realmuto said. "It's just not worth it."
- Both Pfizer and Moderna admitted in the submitted papers seeking approval, these are NOT VACCINES, they are GENE THERAPY. Take a listen to a government committee hearing testimony. It's worth your time. <a href="https://t.co/wvaYjmbVWn">https://t.co/wvaYjmbVWn</a>
- ☐ This is our @CDCgov X No warning on BA.5 X Still says 2 vaccine doses ="fully vaccinated" X Says 5 days is all that's needed for isolation when 5 days is the median length of infectiousness X 1 in 4 age 50+ w/ 2nd booster (<-survival benefit) X Transmission is the accurate map <a href="https://t.co/ztHMT1NFxE">https://t.co/ztHMT1NFxE</a>
- □ When vaccine passports were being implemented, protests took place around the world but there was hardly any coverage from the media. Due to the cost of 1 juing crisis, protests are happening around the world but again, the media turns a blind eye.
- □ "You can either lose 1.38 billion customers or allow an independent investigation to be conducted to determine if your products are safe and immunogenic." The answer of #Pfizer, see below If you are still not awake yet, you should be by now. Credits: @hidear\_3 #PfizerGate <a href="https://t.co/GmstSbRQWp">https://t.co/GmstSbRQWp</a>
- □ BREAKING: 40,000 National Guard and 22,000 Reserve soldiers who refused the COVID vaccine are no longer allowed to participate in military duties, effectively cutting them off from some of their military benefits. Good!
- □ No one should be fired, blocked from entering a classroom, or otherwise for their personal decision not to get the COVID vaccine. Everyone fired should get their jobs back with backpay.
- Obama admits the Vaccine was tested on the population. <a href="https://t.co/AqmZgHFLKK">https://t.co/AqmZgHFLKK</a>
- #Pfizer has withdrawn from India & now Uruguay because they wanted an independent study on the safety of their "vaccine". That pretty much sums it all up doesn't it?

# **General PA Conversation July 8- July 14**

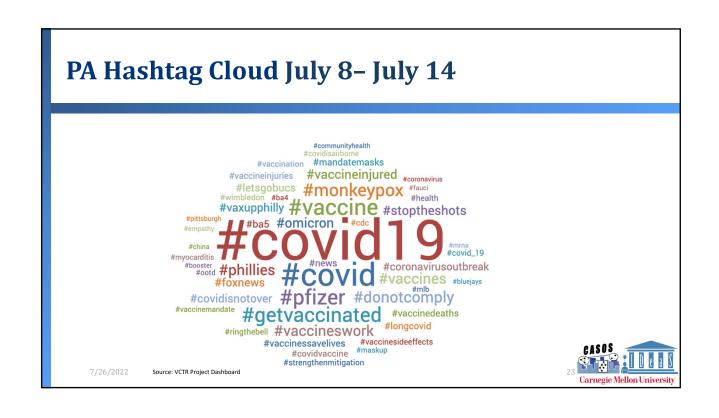


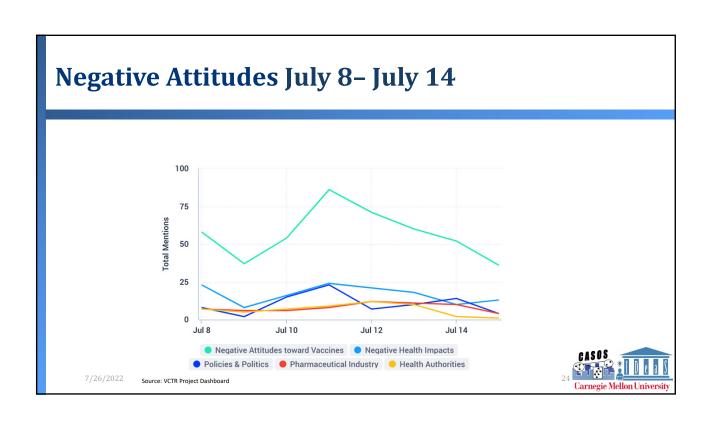
Source: VCTR Project Dashboard

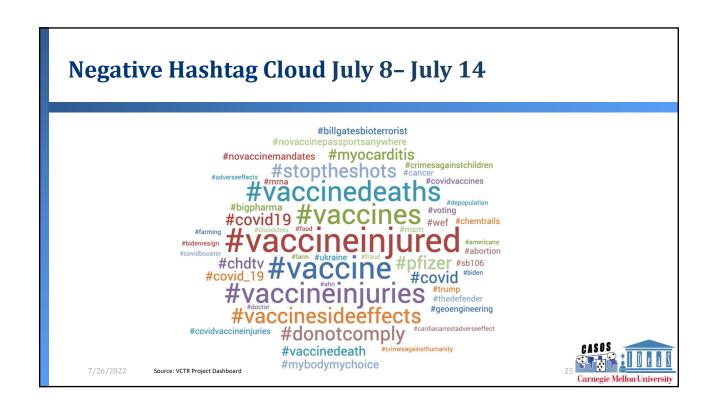
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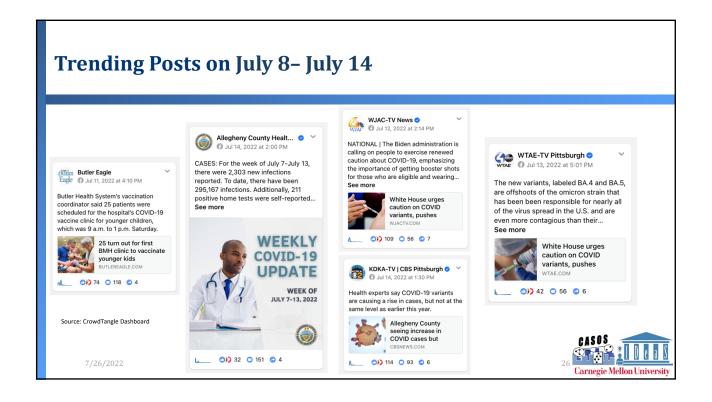


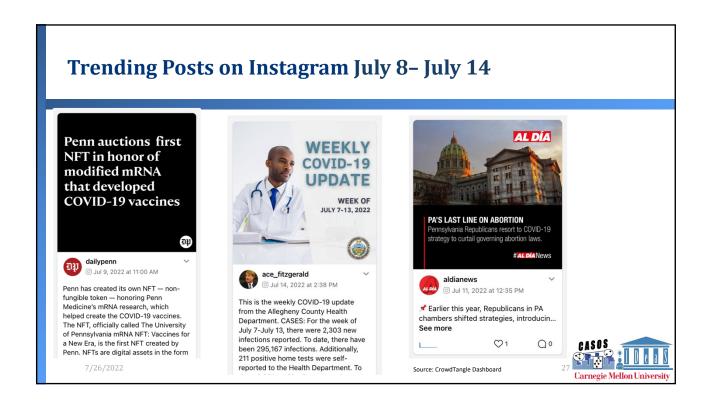
Carnegie Mellon University













### **For More Information**

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- ☐ CASOS website <a href="http://www.casos.cs.cmu.edu/">http://www.casos.cs.cmu.edu/</a>
- ☐ Social Cybersecurity Working Group <a href="http://social-cybersecurity.org">http://social-cybersecurity.org</a>
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7/26/2022

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