

#### **Report Overview October 7- October 13**

Masks, Mandates, Race are trending this week, also Vaccine passports, "Experimental" vaccines, Boosters, Children trending this week over the last;

- Trending stories: gov.uk/government/news/one-dose-of-covid-19-vaccine-can-cut-household-transmission-by-up-to-half One dose of COVID-19 vaccine can cut household transmission by up to half; fda.gov/news-events/press-announcements/coronavirus-covid-19-update-fda-authorizes-moderna-and-pfizer-biontech-bivalent-covid-19-vaccines Coronavirus (COVID-19) Update: FDA Authorizes Moderna and Pfizer-BioNTech Bivalent COVID-19 Vaccines for Use as a Booster Dose in Younger Age Groups; nbcnews.to/3e7gzKJ Covid death rates are higher among Republicans than Democrats, mounting evidence shows bit.lv/3T8bQH8 State Surgeon General Dr. Joseph A. Ladapo Issues New mRNA COVID-19 Vaccine Guidance; motherjones.com/politics/2022/10/how-dr-mehmet-oz-boosted-joseph-mercola-covid-misinformation How Dr. Oz Boosted an Osteopath Who Became a Top Spreader of Covid Misinformation;
- □ Popular anti-vax tweets: BREAKING: In COVID hearing, #Pfizer director admits: #vaccine was never tested on preventing transmission. "Get vaccinated for others" was always a lie. The only purpose of the #COVID passport: forcing people to get vaccinated. The world needs to know. Share this video! ¬ https://t.co/su1WqgB4d0; So it turns out "get vaccinated to save other people" was a farce. I think I owe a lot of people an apology. I genuinely thought I could trust the 'experts'. I'm very disappointed to have been hoodwinked by the propaganda of 2020; There are still people being forced to take an experimental shot to keep their jobs or pursue new careers. Pfizer admitted that it wasn't tested to see if it stopped transmission. This has to stop; BREAKING: Florida Surgeon General: Covid mRNA vaccine found to cause 84% increase in DEATH for men ages 18-39 <a href="https://t.co/VbNQBEHIZq">https://t.co/VbNQBEHIZq</a>

#### Popular anti-vax stories October 7- October 13

Anti-vax, disinformation, and vaccine hesitancy stories sorted by the number or shares:

- dlvr.it/SZw3N4 Pfizer executive admits COVID-19 vaccine was never tested to prevent transmission: 'This is scandalous;'
- outkick.com/pfizer-admits-it-had-no-idea-if-mrna-vaccine-would-prevent-transmission PFIZER ADMITS IT HAD NO IDEA IF MRNA VACCINE WOULD PREVENT TRANSMISSION;
- thepostmillennial.com/florida-surgeon-general-covid-mrna-vaccine-found-to-cause-84-increase-in-death-for-men-ages-18-39 Florida Surgeon General: Covid mRNA vaccine found to cause 84% increase in DEATH for men ages 18-39;
- alexberenson.substack.com/p/my-promise-to-pfizer-and-biontech/comments My promise to Pfizer and BioNTech and Moderna;
- thecountersignal.com/risk-of-death-from-covid-vaccines-too-high-for-young-men-says-florida-health Risk of death from COVID vaccines too high for young men, says Florida Health;
- expose-news.com/2022/10/05/cdc-338x-increase-aids-cancer-2021 CDC confirms USA suffered 338x increase in reports of AIDS-associated Diseases & Cancers in 2021 following COVID Vaccine roll-out;
- dailycaller.com/2022/10/05/joe-biden-covid-omicron-bivalent-booster-coronavirus-pfizer-moderna Nobody Wants Biden's Boosters But He Forked Over Billions To Pfizer And Moderna For Them Anyway;
- <u>twitter.com/BSpeed03515999/status/1578963368865460224</u> US Doctor testifies under oath that mRNA injections are killing children. He declares that all mRNA injections should stop immediately and be pulled from the market before more children die.



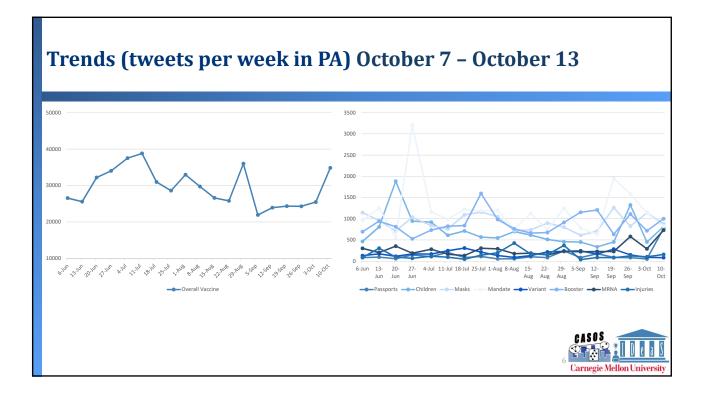
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#### **Countering disinformation October 7– October 13**

Articles and fact-checking stories debunking disinformation for the last week:

- □ FACT CHECK: Did Pfizer lie about testing COVID-19 vaccine's ability to prevent transmission before roll out? <u>https://www.wcpo.com/news/coronavirus/fact-check-did-pfizer-lie-about-testing-covid-19-vaccines-ability-to-prevent-</u> transmission-before-roll-out
- Pfizer Never Claimed to Have Tested the Impact of Its COVID-19 Vaccine on Transmission ... Latest Tweet by AP Fact Check <u>https://www.latestly.com/socially/social-viral/fact-check/pfizer-never-claimed-to-have-tested-the-impact-of-its-covid-19-vaccine-on-transmission-latest-tweet-by-ap-fact-check-4328053.html;</u>
- □ Fact Check-Preventing transmission never required for COVID vaccines' initial approval; Pfizer vax did reduce transmission of early variants <a href="https://www.reuters.com/article/factcheck-pfizer-vaccine-transmission-idUSL1N31F20E">https://www.reuters.com/article/factcheck-pfizer-vaccine-transmission-idUSL1N31F20E</a>;
- Analysis by Florida Department of Health about COVID-19 mRNA vaccines contains multiple methodological problems <u>https://healthfeedback.org/claimreview/analysis-florida-department-health-surgeon-general-joseph-ladopo-contains-multiple-methodological-problems-covid-19-mrna-vaccines/;</u>
- Florida's COVID-19 Vaccination Analysis Is Flawed, Experts Say <u>https://www.factcheck.org/2022/10/scicheck-floridas-covid-19-vaccination-analysis-is-flawed-experts-say/;</u>
- □ Florida government vaccine analysis misrepresented online https://apnews.com/article/fact-checking-096951023304





### High Level View by City October 7- October 13

	Total PA	Philade	elphia	Pittsb	urgh	Eri	ie	Allentown	/Bethlehem	0	ther
Conversation	Tweets	Tweets	%	Tweets	%	Tweets	%	Tweets	%	Tweets	%
Overall Vaccine	30188	13371	44.3%	10387	34.4%	314	1.0%	4413	14.6%	1703	5.6%
Vaccine Passports	770	307	2.3%	140	1.3%	5	1.6%	289	6.5%	29	1.7%
FDA Approval	13	5	0.0%	6	0.1%			2	0.0%		
Boosters	792	411	3.1%	211	2.0%	7	2.2%	101	2.3%	62	3.6%
Employees	82	30	0.2%	15	0.1%	22	7.0%	13	0.3%	2	0.1%
"Experimental"	273	61	0.5%	156	1.5%	21	6.7%	32	0.7%	3	0.2%
Children	534	285	2.1%	123	1.2%	4	1.3%	99	2.2%	23	1.4%
Myocarditis	74	46	0.3%	17	0.2%	2	0.6%	8	0.2%	1	0.1%
Heart	369	182	1.4%	84	0.8%	6	1.9%	73	1.7%	24	1.4%
Masks	864	461	3.4%	182	1.8%	5	1.6%	82	1.9%	134	7.9%
Thrombosis/VITT	8	4	0.0%	3	0.0%			1	0.0%		
Mandates	823	425	3.2%	166	1.6%	12	3.8%	188	4.3%	32	1.9%
Natural Immunity	48	35	0.3%	11	0.1%			1	0.0%	1	0.1%
Efficacy	95	53	0.4%	13	0.1%	1	0.3%	27	0.6%	1	0.1%
Omicron	81	54	0.4%	12	0.1%			11	0.2%	4	0.2%
Delta Variant	30	14	0.1%	5	0.0%					11	0.6%
Race	642	358	2.7%	187	1.8%	3	1.0%	53	1.2%	41	2.4%
Ivermectin	27	14	0.1%	6	0.1%			7	0.2%		
Military	257	139	1.0%	74	0.7%	1	0.3%	33	0.7%	10	0.6%
Breakthrough	13	7	0.1%	3	0.0%			3	0.1%		

Conversation topics trending this week over last:

- Vaccine passports
- "Experimental" vaccines
- BoostersChildren

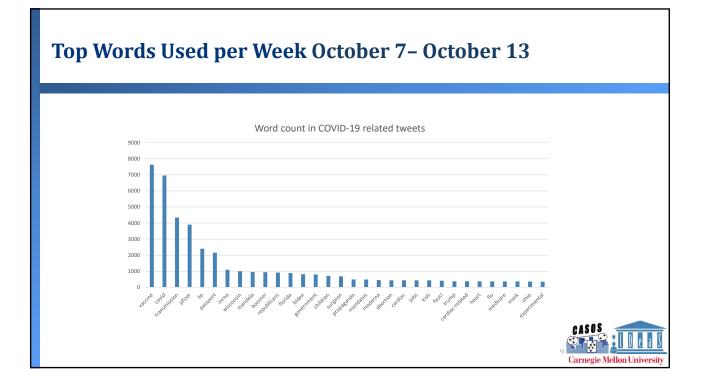


#### High Level View by County October 7– October 13

County	Allegheny	Beaver	Butler	Cambria	Fayette	Indiana	Somerset	Westmoreland
Overall Vaccine	10706	76	35	9	16	9	5	69
Vaccine Passports	142							
FDA	6							
Boosters	221	1	2	2				1
Employees	15							
"Experimental"	156							
Children	127							1
Myocarditis	17							
Heart	86	2	1		1			
Masks	200		3		2			6
Thrombosis/VITT	3							
Mandates	166	1	2					3
Natural Immunity	11							
Efficacy	13							
Omicron	13							
Delta Variant	11							
Race	199	1	1					1
Ivermectin	6							
Military	74			1				
Breakthrough	3							

 Race: pulled by one of the vaccine keywords plus at least one other term in ("Black", "African American", "of color", "Latin", "Hispanic", "brown", "eugenic")



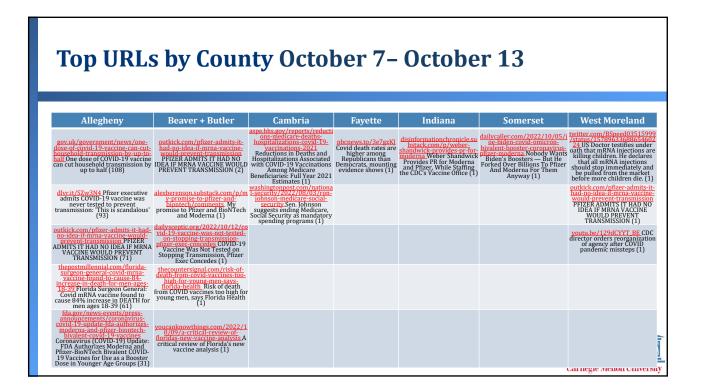


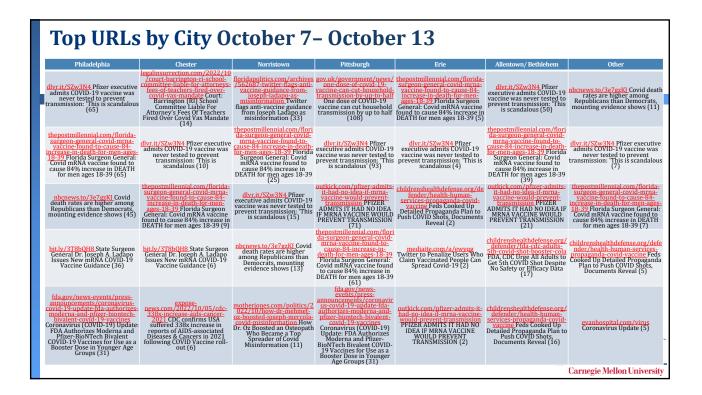
# Top Hashtags by County October 7– October 13

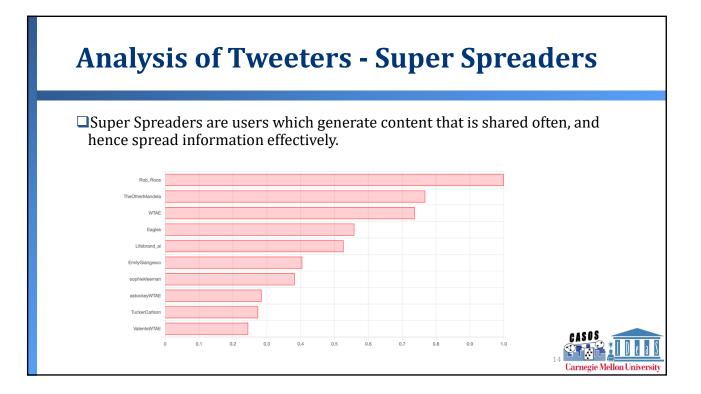
□ We've checked hashtags in several counties such as Allegheny, Beaver, Butler, Cambria, Fayette, Indiana, Somerset, and West Moreland. After removing hashtags that were part of our search criteria, the top 5 hashtags for each county related to COVID19/vaccines are as follows\*:

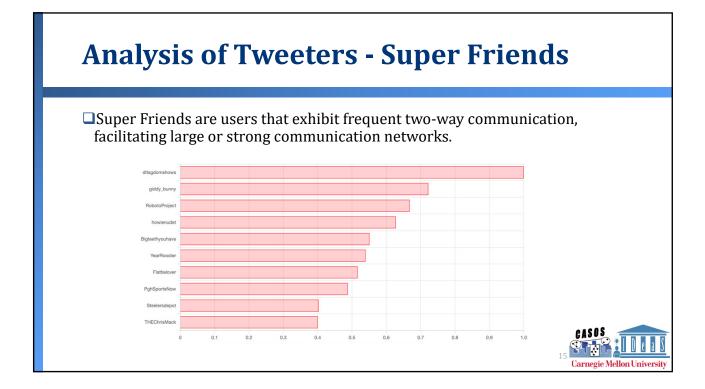
Allegheny	Beaver + Butler	Indiana + Somerset
vaccine (906)	COVIDisAirborne (1)	COVID (2)
COVID (893)	CovidIsNotOver (1)	Pfizer (2)
Pfizer (892)		vaccine (2)
vaccineinjuries (31)		
CrimesAgainstHumanity (23)		

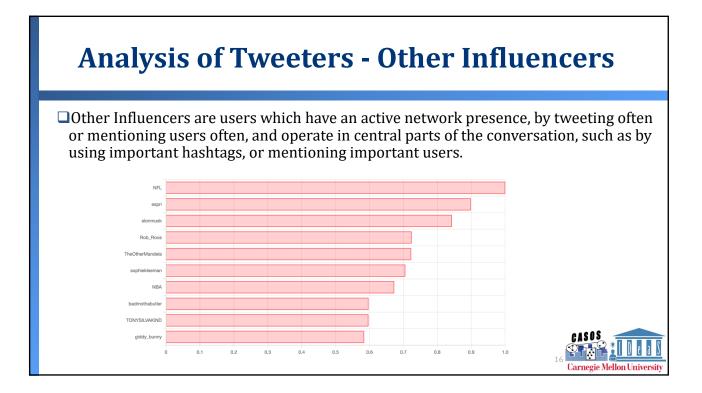
Top Hashtags by City October 7– October 13						
After removing hashtags that were part of our search criteria, the top 5 hashtags for each region related to COVID19/vaccines are as follows:						
Philadelphia	Chester	Norristown	Pittsburgh	Erie	Allentown/ Bethlehem	Other
COVID (644)	Pfizer (65)	Pfizer (131)	vaccine (906)	vaccine (15)	vaccine (438)	COVID (51)
vaccine (630)	COVID (57)	COVID (130)	COVID (893)	Pfizer (14)	COVID (435)	vaccine (50)
Pfizer (613)	vaccine (54)	vaccine (96)	Pfizer (892)	COVID (13)	Pfizer (419)	Pfizer (47)
TruthAboutMRNAVaccines (16)	PfizerLiedPeopleD ied (5)	vaccineinjuries (7)	vaccineinjuries (31)	CovidIsNotOver (1)	vaccineinjuries (33)	PfizerLiedPeopleDi ed (4)
vaccineinjuries (16)	vaccineinjuries (3)	VaccineSideEffects (7)	CrimesAgainstHuma nity (23)	CovidVaccineFrau d (1)	TruthAboutMRNAVac cines (15)	COVIDisAirborne (2)
					11	CASOS











Accounts Referenced by the Most Tweets						
		most often referenced (e.g. m tweets that reference the age	-			
	Agent Label	Value				
	TheOtherMandela	468				
	MeidasTouch	439				
	mrmarkdolan	321				
	RonJohnsonWI	312				
	FLSurgeonGen	297				
	pfizer	273				
	937theFan	270				
	DrAseemMalhotra	264				
	RepThomasMassie	214				
	catturd2	191				
	TheOtherMandela	468				
	MeidasTouch	439	CASOS			
	mrmarkdolan	321				
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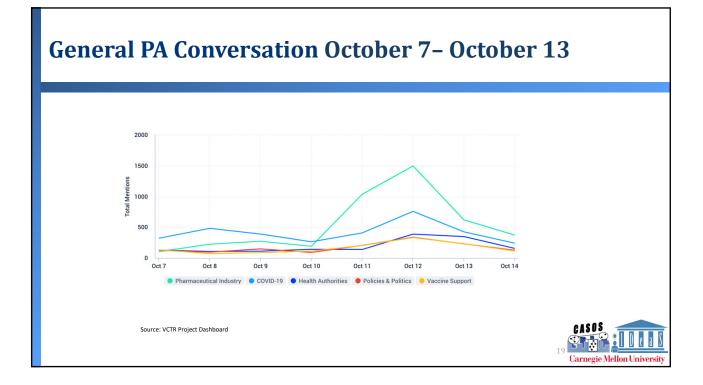
### **Trending Tweets October 7– October 13**

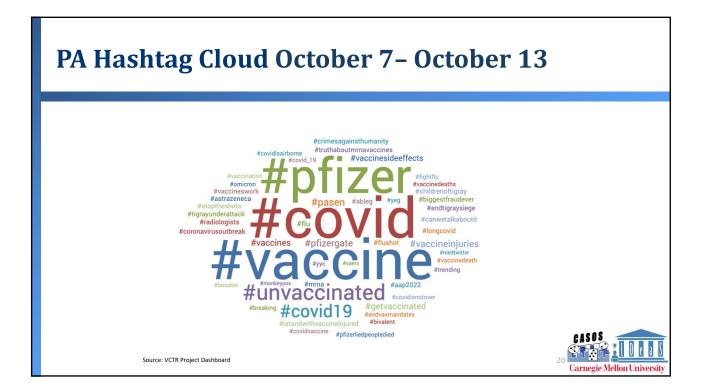
Tweets that are the most forwarded, either by retweet, reply, or quote:

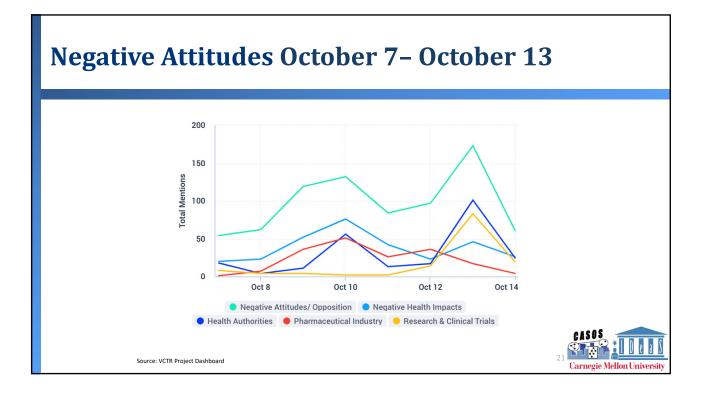
- BREAKING: In COVID hearing, #Pfizer director admits: #vaccine was never tested on preventing transmission. "Get vaccinated for others" was always a lie. The only purpose of the #COVID passport: forcing people to get vaccinated. The world needs to know. Share this video! → <u>https://t.co/su1WqgB4d0</u>;
  So it turns out "get vaccinated to save other people" was a farce. I think I owe a lot of people an apology. I genuinely thought I could trust the 'experts'. I'm very disappointed to have been hoodwinked by the propaganda of 2020;
  Dr. Fauci was eligible for his COVID booster shot so Stephen took him next door to the pharmacy to get vaccinated and they had quite the journey. #Colbert <u>https://t.co/1GZo2u89RC</u>;
  Pfizer executive admits that their COVID vaccine was never tested to see if it would stop transmission. https://t.co/080ok2HVva:

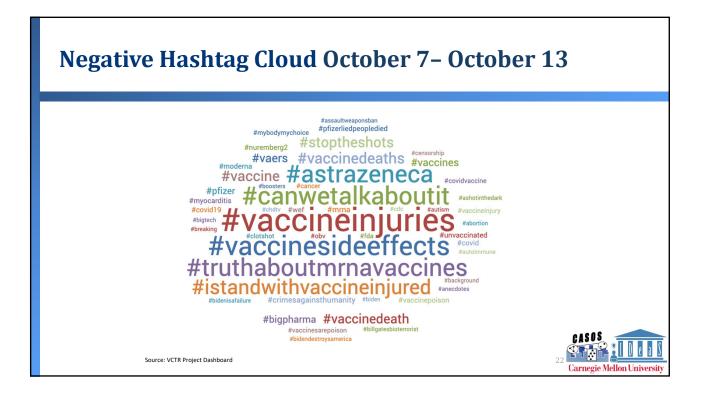
- Fully vaccinated. <u>https://t.co/YYA6sba5EW</u>;
- Tonight Republican Ron Johnson lost his debate to Democrat Mandela Barnes in a devastating way for Republicans;
- 153% more Republicans died of Covid in Ohio than Democrats, because of their refusal to get vaccinated;
- There are still people being forced to take an experimental shot to keep their jobs or pursue new careers. Pfizer admitted that it wasn't tested to see if it stopped transmission. This has to stop;
  BREAKING: Florida Surgeon General: Covid mRNA vaccine found to cause 84% increase in DEATH for men ages 18-39
- NEW: Twitter has REMOVED @FLSurgeonGen Joseph Ladapo's tweet announcing how a study into the covid mRNA vaccine found an 84% increase in cardiac-related deaths for men ages 18-39 <a href="https://t.co/8nSXX0ZfFk">https://t.co/8nSXX0ZfFk</a>;
  If Biden reinstitutes the draft... would they pull people into the military even if they weren't vaccinated?;
  SERIOUS QUESTION: Do you know anyone who is fully vaccinated, boosted, and never got COVID?
  NEW: Our new research shows that one dose of #COVID19 vaccine can cut household transmission by up to half. Read more horm.
- here: <u>https</u>
- All the people who defended the vaccine are awfully quiet these days









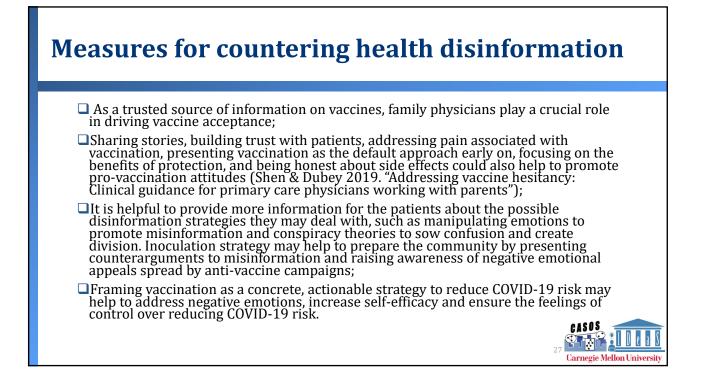


#### **Trending Posts on Facebook October 7– October 13** Wendy Bell Radio Oct 12, 2022 at 8:53 AM Allegheny County Healt... S Oct 7, 2022 at 4:35 PM Allegheny County Healt... 🥝 ۲ () KDKA-TV | CBS Pittsburgh O Oct 12, 2022 at 10:00 PM Oct 13, 2022 at 2:00 PM BOMBSHELL III "Trust The Science" Just For the week of October 6-12, there BLEW UP!! Pfizer ADMITS it never tested its jab for preventing Covid transmission. Way to go, Allegheny County residents! BOOSTERS: The decision by federal Over the course of our two-day COVIDwere 1,051 new COVID-19 infections, 10 health officials expands access to the updated shots for younger children. hospitalizations and 5 deaths reported WHAT ?! NEVER FORGET WHAT THESE 19/flu shot clinic at the County to the Allegheny County Health PEOPLE DID TO YOU. LIVE at 9! Courthouse, our ACHD staff administered 734 shots (326 COVID-1... Pittsburgh Post-Gazette 🥥 FDA and CDC clear updated COVID boosters for kids as Department. According to the Centers... dy Bell F The Science" Just BLEW UP!! RUMBLE CC BOMBSHELL!!! "Trust See more See more Allegheny County Health Department officials are still urging the public to get the new bivalent COVID-19 booster, which protects against omicron and its subvariants, as well as the flu shot. The... 23 28 2 2 209 O 27 O 105 WEEKLY See more John Fetterman 🥝 KDKA-TV | CBS Pittsburgh O **COVID-19** Allegheny County COVID cases continue 0 to fall Dr. Oz is a malicious scam artist who REPORT IST-GAZETTE.COM A study found vaccinations led to up to promoted anti-vax BS to make \$\$\$. He literally gave a platform to someone who 370,000 fewer coronavirus deaths last year, as well as nearly 700,000 fewer hospitalizations. 27 0 17 0 0 believes autism is caused by vaccines. Yes, he really did that. You truly can't... www.AlleghenyCounty.US/COVID New study suggests COVID vaccines saved See more How Dr. Oz boosted an thousands of lives in osteopath who became a top spreader of Covid CASOS لم 🔿 18 🔿 48 🖉 1 CBSNEWS.COM 3 🔿)) 135 🔘 16 🕥 1 4 D e a S (1) 122 (1) 95 (2) 5 Am 112 〇 151 〇 14 Source: CrowdTangle Dashboard **Carnegie Mellon University**



#### **Trending Posts on Reddit October 7- October 13** Posted by u/Bigfoot\_USA 🔳 EXPERT 😒 5 days a PA AG Josh Shapiro sent a letter to Mark Zuckerburg and Jack Dorsey, asking them to deplatform anyone who would, Posted 5 days ago to Pittsburgh Post-Ga. Posted 5 days ago to AskThe\_Donald ...downplay the dangers of COVID-19 and spread [Local] - Allegheny County COVID PA AG Josh Shapiro sent a letter misinformation about the safety of vaccines. cases continue to fall to Mark Zuckerburg and Jack Dorsey, asking them to ... OST-GAZETTE COM 1/2 AG Josh Shapiro 🤣 @PAAttorneyGen BREAKING UPVOTES 74 COMMENTS 14 COMMENTS 0 UPVOTES 1 Our coalition of AGs is calling on @Facebook and @Twitter to stop the spread of anti-vaxxer disinformation. Source: CrowdTangle Dashboard Carnegie Mellon Universit

#### **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.") EL D e a l **Carnegie Mellon Universit**



## **For More Information**

- Director Kathleen M. Carley <u>kathleen.carley@cs.cmu.edu</u>
  <u>http://www.casos.cs.cmu.edu/bios/carley/carley.html</u>
- □ IDeaS website <u>https://www.cmu.edu/ideas-social-cybersecurity/</u>
- CASOS website <u>http://www.casos.cs.cmu.edu/</u>
- Social Cybersecurity Working Group <a href="http://social-cybersecurity.org">http://social-cybersecurity.org</a>
- □ Facebook: <u>@IDeasCMU</u>
- □ Twitter: <u>@IDeaSCMU</u>
- □ YouTube: <u>IDeaS Center</u>
- Ask to be on our Email-Distro Lists

