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**From:** Dirk <vaxmanager@eceptionist.com>  
**Sent:** Tuesday, June 29, 2021 7:30 AM  
**To:** Shaffer, Bridgette A  
**Subject:** More Vaccine Demand to Come as Employers Begin Mandating Vaccination

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VAX  
MANAGER.



## Major Companies Now Requiring Employee Vaccinations

A recent [federal court ruling](#) opened the door for U.S. employers to require their employees to be vaccinated. Companies ranging from [Delta Airlines](#) to the Broadway production of

**VaxManager** have already implemented vaccination mandates for some or all of their employees.

**VaxManager** helps companies, clinics, pharmacies, FQHCs and other organizations of all shapes and sizes prepare for and manage spikes in vaccine demand quickly and reliably.

**VaxManager** is a flexible, simple, effective, and mobile-friendly vaccination software service. It allows any organization of any size to maximize vaccination efforts with customized, permission-based dashboards for administrators, vaccinators, and citizens, all based on business rules tailored for each audience.

**GET A DEMO**

For more information, email [info@vaxmanager.com](mailto:info@vaxmanager.com)

*VaxManager was created by eceptionist®, backed by a proven 20-year track record of supporting hospital administrators. The decades of interaction with healthcare providers has served as the backdrop for breakthroughs in the intelligent decentralization of activity that will – behind the scenes – help make the vaccination of every American possible more quickly, more effectively, and with less waste, energy, and cost to the healthcare system.*

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**From:** RISE News <info@risehealth.org>  
**Sent:** Saturday, June 26, 2021 7:05 AM  
**To:** Shaffer, Bridgette A  
**Subject:** The Devastating Impact of COVID-19 on Nursing Home Residents

June 26, 2021



News, Insights &  
Articles

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The latest trends in Medicare Advantage: What enrollment, Star ratings, and plan benefits look like in 2021

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## COVID-19 UPDATE

OIG on impact of pandemic in nursing homes; spike in Medicaid enrollment during PHE; threat of variant grows

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3420 Toringdon Way, Suite 240 • Charlotte, NC 28277

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**Subject:** 2021-2022 school year coordination  
**Location:** Zoom  
**Start:** Thu 7/1/2021 3:00 PM  
**End:** Thu 7/1/2021 4:00 PM  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Organizer:** Amanda Graor

Zoom log in information and original email below – please let me know if you have any questions in advance of the meeting.

Amanda Graor is inviting you to a scheduled Zoom meeting.

**Join Zoom Meeting**

<https://us02web.zoom.us/j/82640509306?pwd=cWhlUjg1OElFOkU1bm1BbVl9bzZlZlF1OQ==>

Meeting ID: 826 4050 9306

Passcode: 981889

One tap mobile

+16465588656,,82640509306#,,, \*981889# US (New York)

+13017158592,,82640509306#,,, \*981889# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 826 4050 9306

Passcode: 981889

Find your local number: <https://us02web.zoom.us/j/82640509306>

Thank you to all who replied so quickly!

July 1, 3-4pm was far and away the most selected time/date, so I will send a calendar invite and a zoom link shortly. Agenda to follow, but the main discussion points will be what was in the original email, found below.

Thanks everyone!

Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

**From:** Amanda Graor  
**Sent:** Tuesday, June 22, 2021 12:14 PM

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester. This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

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**From:** Incident Command Center <incidentcomcenter@tmcmed.org>  
**Sent:** Friday, June 5, 2020 1:56 PM  
**To:** Shaffer, Bridgette A  
**Subject:** TMC COVID-19 - ICC Update 6.5.2020

**TMC COVID-19 - ICC Update 6.5.20**

*This message is for Truman Medical Centers staff only. Do not forward outside of the organization.*

Day 86

- Total Resulted Tests: 10,799
- Total positive COVID test results – 878
- Current positive inpatients – 10 (9 at HSD, 1 at LW)
  
- Just a reminder, starting Monday, we will be transitioning to a Code Delta Level 1 but we are **not** downgrading our focus. We will continue to monitor all aspects of this pandemic as we have been, but will do so with a long term, more sustainable model. We will continue to provide pertinent updates during DTU along with our daily COVID numbers. While the ICC room, inbox and phone line will close, the support will continue. ICC support will remain available and will be managed out of Hospital Administration for both campuses. Any questions should be managed through your normal chain of command. Your senior operational leaders will collaborate with Incident Command support via Hospital Administration at both campuses as appropriate.
  
- We are in need of staffing support in the HSD COVID station tomorrow and Sunday from 8 am to noon. Please call the ICC at 816-404-4460 to share your availability.
  
- **Free Child Care for Ages 5-12** - As an employee, you have access to two great programs from the YMCA of Greater Kansas City: Essential Child Care and Summer Day Camp. These programs are free for your child thanks to funding from Health Forward Foundation. Locations are available across the metro. To register and for more information, call the Y at [816.360.3390](tel:816.360.3390) or visit [KansasCityYMCA.org/essentialcare](http://KansasCityYMCA.org/essentialcare).

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**From:** Incident Command Center <incidentcomcenter@tmcmcd.org>  
**Sent:** Thursday, June 4, 2020 10:41 AM  
**To:** Shaffer, Bridgette A  
**Subject:** TMC COVID-19 - ICC Update 6.4.20

TMC COVID-19 - ICC Update 6.4.20

*This message is for Truman Medical Centers staff only. Do not forward outside of the organization.*

Day 85

- Total Resulted Tests: 10,653
- Total positive COVID test results – 871
- Current positive inpatients – 10 total, all at HSD
  
- Starting Monday, we will be transitioning to a Code Delta Level 1 but we are **not** downgrading our focus. We will continue to monitor all aspects of this pandemic as we have been, but will do so with a long term, more sustainable model. We will continue to provide pertinent updates during DTU along with our daily COVID numbers. While the ICC room, inbox and phone line will close, the support will continue. ICC support will remain available and will be managed out of Hospital Administration for both campuses. Any questions should be managed through your normal chain of command. Your senior operational leaders will collaborate with Incident Command support via Hospital Administration at both campuses as appropriate (404-3691 HSD or 404-8015 LW).
  
- The exit bridge at the Health Sciences District (the one nearest to the executive office) is back open and can once again be used as an employee exit.
  
- We will be conducting mobile testing today from 10 am – 2 pm at Journey Church International in Lee's Summit.
  
- Please remember to maintain social distancing in hallways and elevators.
- Also remember to wear a mask at all times unless you are in an office by yourself.
  
- Jeans day on Friday!

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**Subject:** Public Health Directors Meeting  
**Location:** zoom 09 link in body of email  
  
**Start:** Fri 7/23/2021 11:00 AM  
**End:** Fri 7/23/2021 12:00 PM  
**Show Time As:** Tentative  
  
**Recurrence:** (none)  
  
**Organizer:** Marlene Nagel

**Next Meeting - We have changed the Public Health Directors' meeting schedule.** The next meeting will be virtual on Friday, July 23 at 11 am (our old meeting time). Here is a calendar invite.

The agenda for the July 23 meeting is:

1. Discuss After Action Report interest expressed by those at the May meeting
2. Delta Variant – Review current status and communications and other actions underway
3. Essential Functions for Local Public Health and Funding – Steps to advance this work
4. COVID Dashboard – adding Recovery and other changes

**MARCZoom09**

**Address:** <https://marc-kc.zoom.us/j/6576214834?pwd=U0ptVVAkaGMlU3psNiU4UXhlczRvZk09>

- You may need to run the Zoom opener to join the meeting.
- This link also works with the Zoom smartphone app.

**Meeting ID:** 657-621-4834

**Passcode:** 075821

**Audio:**

- We encourage the use of **computer audio** especially if you are viewing a webcam or sharing your webcam.
- **Dial Toll Free**
  - 877 853 5247 US Toll-free
  - 888 788 0099 US Toll-free
- **One tap mobile**
  - +13126266799,,6576214834#
  - +16465588656,,6576214834#

The next **IN PERSON** meeting at the MARC offices will be on **Monday, August 2, 2021, at 12 noon over lunch.** We will provide box lunches. Again, we apologize for those of you that tried to participate in the last meeting virtually and we will use a different room with a much improved sound system for this meeting.

Hope everyone has a nice weekend and happy 4<sup>th</sup> holiday.

Marlene

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**From:** Cox, Mariah J  
**Sent:** Wednesday, June 30, 2021 10:30 AM  
**To:** Shaffer, Bridgette A  
**Cc:** Dlugolecki, Ray D  
**Subject:** Media Request

Hi Bridgette,

We received a media request from KSHB 41. They are wondering, with the rise in delta variant cases, if the Jackson County Health Department is considering or looking into enacting a mask mandate.

Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacobd.org)

(816) 404-8408 | [mariah.cox@fmcmed.org](mailto:mariah.cox@fmcmed.org)

   [www.jacobd.org](http://www.jacobd.org)

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**From:** Marlene Nagel <MNAGEL@MARC.ORG>  
**Sent:** Saturday, June 26, 2021 9:19 AM  
**To:** rex.archer@kcmo.org; jvanlieu; Erin Corriveau; Rita McKoon; sanmi.areola@jocogov.org; Miller, Jamie; Gary Zaborac; dmeinke@clayhealth.com; Shaffer, Bridgette A, Dlugotecki, Ray D; Mary Jo Vernon; Christina Heinen; Morkert, Shawn; Andrew Warlen; dan manley; dan.luebbert@plattehealth.com; Jennifer Sutherlin; Watts, Jennifer, L (MD); Shelby Spor Booker, Amber; Amanda Graor; Catherine Couch; Kristin Johnson-Waggoner; Erin Cardwell; Nicolette Wallis; Mike Parker; Erin Lynch; Jacob Peterson; Lisa Elsas  
**Cc:**  
**Subject:** RE: Public Health Directors Meeting Follow-Up and Next Meeting July 23 at 11 am

**Local Public Health Directors and Staff,**

We were pleased to recognize you and your departments at our virtual Regional Assembly on June 11 and hope most of you were able to join us. If you couldn't make it, the program is on YouTube at <https://www.youtube.com/watch?v=1Kjktlix0WTI>

**Next Meeting - We have changed the Public Health Directors' meeting schedule.** Those present at the MARC offices asked to meet virtually in July, and I'm sorry to time has gotten away from us. We'd like to see if many of you might be available on **Friday, July 23 at 11 am** (our old meeting time). We will use a Zoom link. I will send a meeting calendar invite.

The agenda for the July 23 meeting is:

1. Discuss After Action Report interest expressed by those at the May meeting
2. Delta Variant – Review current status and communications and other actions underway
3. Essential Functions for Local Public Health and Funding – Steps to advance this work
4. COVID Dashboard – adding Recovery and other changes

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Hope everyone has a nice weekend and happy 4<sup>th</sup> holiday.

Marlene

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Friday, June 25, 2021 3:27 PM  
**To:** Allen, Pamela; Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Braco, Craig; Bradley, Debra; 'Brenstew33@hotmail.com'; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayna; Doucette, Emily; Durnell, Steve; Echois, Fredrick; Evers, Sara; Forester, Sylvia; Gilliam, Chris; Godwin, Ben; Heinlen, Christina; Herbert, Mike; Hittson, Angie; House, Liz; Hunt, Becky; JHinrichs@stlouiscountymo.gov; JMcHugh@sccmo.org; Johnson, Rachelle; 'kindley@springfieldmo.gov'; 'Khan, Faisal'; Krouse, Sarah; Lanning, Curtis; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehz, Tony; Mooney, Jan; Morris, Michelle; MPAUZA@sccmo.org; Murray, Lori; Neblock, Krista; NKolenchery@stlouiscountymo.gov; 'NJutlarn@stlouisco.com'; Peak Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linfa; Reynolds, Melissa; Schmidt, Spring; Semkiw, Elizabeth; Shaffer, Bridgette A; Stiefert, Brett; Smith, Jackie; Snyder, Mark; Steitz, Christina; Sutterfield, Evelona; Swain, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Taryn; Thompson, Frank; Tilley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Vernon, Mary Jo; Viebrock, Linda; Vořinar, Kelley; Wann, Ashley; Warlen, Andrew; Weldon, Sherry; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; YAbhyad@sccmo.org; Young, Mary; Zaborac, Gary

**Subject:** Sewershed results from the week of June 14th  
**Attachments:** Sewershed 6-25-2021.xlsx

MU worked very hard this week to get 36 locations tested (most ever) and got it to us early.

Locations tested include:

Rolla, KC, Springfield, Cassville, Neosho, Monett, Joplin, Charleston; Fulton, Milan, St. Peters, Jefferson City, NPSDS, Joplin, St. Louis, Warrensburg, Southwest City, Columbia, St. Joseph, Independence, Brookfield, Mexico, Marshfield, Macon, Bolivar, Eldon, Liberty, KC, Memphis, St Charles county, Marceline, and Chillicothe

All 36 WWTFs we tested this week contained the Delta variant. Keep in mind that this does not mean that the variant is everywhere. We are only sequencing places with enough RNA level for us to do this analysis. There are still many areas where the RNA levels are quite low.

13 locations contained a combination of variants.

It is still my plan to update the storymap with this variant data on Tuesday.

These percentages have shown up on Facebook. The one I know of is Matthew Holloway. This science and data is very new and it is easy to inaccurately interpret or use it in ways that are not supported by science. It also should not be used to compare one location to another. We are currently working with CDC to determine ways to further the use of this data.

Thank you.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology

Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109  
(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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City	Sewershed	Date	Summary	Y/A570D	452R+T478K	Brazil	SA	NY v.2
Apila		6-15		2%	91%			
KC	KCBLU	6-15		60%	40%			7%
Springfield	Southwest	6-14		30%	70%			
Cassville		6-15		20%	80%			
Neosho		6-16			98%			
Monett		6-14			88%			
Joplin	Turkey Creek	6-15		15%	85%			12%
Charleston		6-16			100%			
Fulton		6-15			100%			
Springfield	NorthWest	6-14		85%	15%			
Milan		6-14		70%	30%			
St. Peters		6-15			100%			
Jefferson City		6-15			100%			
MP5DS		6-15			100%			
Joplin	Shoal Creek	6-15			100%			
St. Louis	Coldwater Creek	6-15		50%	50%			
Warrensburg	West	6-14		30%	70%			
St. Louis	Bissell Point	6-15			100%			
Southwest City		6-15			30%			
Columbia		6-15			100%			
St. Joseph		6-14			100%			
St. Louis	Missouri River	6-15		25%	75%			
Independence	LBVAT	6-16			100%			
Brookfield		6-14			100%			
Mexico		6-16			100%			
Marshfield		6-15			100%			
Macon	East Interceptor	6-14			100%			
Bolivar		6-16			100%			
Eldon		6-16			100%			
Liberty		6-15			100%			
KC	Birmingham	6-15		50%	50%			
KC	Rocky Branch	6-15		40%	60%			

Memphis	6-15	100%
St Charles county	6-14	100%
Duckett Creek #1	6-15	100%
Marceline	6-16	100%
Chillicothe		

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**From:** Gary Zaborac <gzaborac@clayhealth.com>  
**Sent:** Friday, June 25, 2021 3:00 PM  
**To:** Evers, Sara; larry jones; MOCPHE  
**Subject:** RE: variant testing

Thanks Sara!

**GARY E. ZABORAC**  
Director of Public Health

800 Haines Drive | Liberty, MO 64068  
p. 816-595-4202 | f. 816-595-4201  
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CLAY COUNTY

**PUBLIC HEALTH CENTER**



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**From:** Evers, Sara <SEvers@sccmo.org>  
**Sent:** Friday, June 25, 2021 2:58 PM  
**To:** larry jones <ldjones611@hotmail.com>; MOCPHE <MOCPHE@groups.outlook.com>  
**Subject:** variant testing

We were able to arrange variant testing with Honu Management. We have had a testing contract with them since last April or May. Their Lab in Texas has the ability to test variants, in May they were only running variants once per week when they had enough samples.

Thanks!  
Sara

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**From:** larry jones <ldjones611@hotmail.com>  
**Sent:** Wednesday, June 23, 2021 10:00 PM

**To:** MOCPHE <[MOCPHE@groups.outlook.com](mailto:MOCPHE@groups.outlook.com)>; Crumbliss, Adam <[Adam.Crumbliss@health.mo.gov](mailto:Adam.Crumbliss@health.mo.gov)>; Lori Brenneke <[lori.brenneke@health.mo.gov](mailto:lori.brenneke@health.mo.gov)>; Tiffany Bayer <[tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)>; Suzanne Resnick <[sresnick@cdcfdoundation.org](mailto:sresnick@cdcfdoundation.org)>; Malloy, Andrea <[amalloy@CDCFoundation.org](mailto:amalloy@CDCFoundation.org)>; Dorothy Evans <[devans@cdcfdoundation.org](mailto:devans@cdcfdoundation.org)>  
**Subject:** Friday's MOCPHE Agenda

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Attached is the agenda for this week's meeting. If you have any additional items please let me know. See you on Friday.

Larry D. Jones, MPH

Executive Director

Missouri Center for Public

Health Excellence

[www.mocphe.org](http://www.mocphe.org)

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**From:** Evers, Sara <SEvers@sccmo.org>  
**Sent:** Friday, June 25, 2021 2:58 PM  
**To:** larry jones; MOCPHE  
**Subject:** variant testing

We were able to arrange variant testing with Honu Management. We have had a testing contract with them since last April or May. Their Lab in Texas has the ability to test variants, in May they were only running variants once per week when they had enough samples.

Thanks!  
Sara

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**From:** larry jones <ldjones611@hotmail.com>  
**Sent:** Wednesday, June 23, 2021 10:00 PM  
**To:** MOCPHE <MOCPHE@groups.outlook.com>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>; Lori Brenneke <lori.brenneke@health.mo.gov>; Tiffany Bayer <tiffany.bayer@health.mo.gov>; Suzanne Resnick <sresnick@cdcfoundation.org>; Malloy, Andrea <amalloy@CDCFoundation.org>; Dorothy Evans <devans@cdcfoundation.org>  
**Subject:** Friday's MOCPHE Agenda

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Attached is the agenda for this week's meeting. If you have any additional items please let me know. See you on Friday.

Larry D. Jones, MPH

Executive Director

Missouri Center for Public

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**From:** Cox, Mariah J  
**Sent:** Thursday, June 24, 2021 12:13 PM  
**To:** Cohlmia, Charles L; Dlugolecki, Ray D; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** Re: Delta Variant Social Media Statement

Yeah! I think that's a good idea.

## **Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](#)

(816) 404-8408 | [mariah.cox@tmcmed.org](mailto:mariah.cox@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** "Cohlmia, Charles L" <[Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)>

**Date:** Thursday, June 24, 2021 at 11:42 AM

**To:** "Cox, Mariah J" <[Mariah.Cox@tmcmed.org](mailto:Mariah.Cox@tmcmed.org)>, "Dlugolecki, Ray D" <[Ray.Dlugolecki@tmcmed.org](mailto:Ray.Dlugolecki@tmcmed.org)>, "Shaffer, Bridgette A" <[Bridgette.Shaffer@tmcmed.org](mailto:Bridgette.Shaffer@tmcmed.org)>

**Cc:** "Bowler, Ann" <[Ann.Bowler@tmcmed.org](mailto:Ann.Bowler@tmcmed.org)>

**Subject:** RE: Delta Variant Social Media Statement

Would it be worth it to have a link to our vaccination clinics?

## **Charles Cohlmia, MPH**

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](#)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** Cox, Mariah J <[Mariah.Cox@tmcmed.org](mailto:Mariah.Cox@tmcmed.org)>

**Sent:** Thursday, June 24, 2021 11:38 AM

**To:** Dlugolecki, Ray D <[Ray.Dlugolecki@tmcmed.org](mailto:Ray.Dlugolecki@tmcmed.org)>; Cohlmia, Charles L <[Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)>; Shaffer, Bridgette A <[Bridgette.Shaffer@tmcmed.org](mailto:Bridgette.Shaffer@tmcmed.org)>

**Cc:** Bowler, Ann <[Ann.Bowler@tmcmed.org](mailto:Ann.Bowler@tmcmed.org)>

**Subject:** Delta Variant Social Media Statement

Hi all,

Here's the Delta variant social media statement Ann and I put together. Please provide your feedback.

The Delta variant now accounts for a fifth of recent COVID-19 cases nationwide and has been reclassified by CDC as a "variant of concern" in the United States. This strain is highly transmissible and is twice as likely to cause serious illness and hospitalizations among those who are unvaccinated.

Currently, Missouri has the highest rate of new COVID-19 cases in the country. Jackson County has seen a slight increase in case rates at this time. We encourage you to be proactive in protecting yourself and your community. If you are not yet fully vaccinated, continue wearing masks and social distancing.

Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmed.org](mailto:mariah.cox@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

---

**From:** Cohlmiia, Charles L  
**Sent:** Thursday, June 24, 2021 11:43 AM  
**To:** Cox, Mariah J; Dlugolecki, Ray D; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** RE: Delta Variant Social Media Statement

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**Charles Cohlmiia, MPH**

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlmiia@tmcmcd.org](mailto:Charles.Cohlmiia@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** Cox, Mariah J <Mariah.Cox@tmcmcd.org>  
**Sent:** Thursday, June 24, 2021 11:38 AM  
**To:** Dlugolecki, Ray D <Ray.Dlugolecki@tmcmcd.org>; Cohlmiia, Charles L <Charles.Cohlmiia@tmcmcd.org>; Shaffer, Bridgette A <Bridgette.Shaffer@tmcmcd.org>  
**Cc:** Bowler, Ann <Ann.Bowler@tmcmcd.org>  
**Subject:** Delta Variant Social Media Statement

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Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmcd.org](mailto:mariah.cox@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

---

**From:** Cox, Mariah J  
**Sent:** Thursday, June 24, 2021 11:38 AM  
**To:** Dlugolecki, Ray D; Cohlmia, Charles L; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** Delta Variant Social Media Statement

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Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmcd.org](mailto:mariah.cox@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

---

**From:** Brenneke, Lori <Lori.Brenneke@health.mo.gov>  
**Sent:** Wednesday, June 23, 2021 6:41 PM  
**Subject:** LPHA Daily Email for June 23, 2021

Good evening!

Thanks to all who could join us yesterday on the 4p.m. LPHA call as Adam presented the recommendations of the Public Health Improvement and Transformation work as presented to the Governor on June 15, 2021. As with our regular weekly calls, the call presentation slides have been posted to the [LPHA COVID Resources page](#). Adam will use the call next week to engage in conversation regarding the recommendations.

Today, Dr. George Turabelidze, Missouri State Epidemiologist with DHSS, discussed the current status of the COVID-19 Delta variant in Missouri. [Listen here](#).

If you have not done so already, please mark some time on your calendar to complete the LPHA Region survey: <https://survey123.arcgis.com/share/a3bef683de5c4b7aa1e0fcb523b239f?portalUrl=https://moophg.maps.arcgis.com>

This survey must be done using Google Chrome in order to access complete functionality.

Have a good evening,  
Lori

*Lori Brenneke*

Deputy Director

Division of Community and Public Health

(573)751-1928

**Public Health: Better Health. Better Missouri.**

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**From:** Amanda Graor <agraor@MARC.ORG>  
**Sent:** Wednesday, June 23, 2021 4:14 PM  
**To:** Archer, Rex; Dlugolecki, Ray D; Ashley Wegner; taylorh@casscounty.com; Corriveau, Erin; Marlene Nagel; John Allison; Jeremy Tucker; Kenny Southwick; Donna McDaniel; Dan Luebbert; Jacob Peterson; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo, L; Watts, Jennifer, L (MD); Kim Trang; Groenweghe, Elizabeth; Elizabeth Yoder; agreiner@kumc.edu; jvanliew; Sanmi.Areola@jocogov.org; 'Gary Zaborac'; Mary Jo Vernon; Laura Evans; Shaffer, Bridgette A; andreww@casscounty.com; Jeremy Tucker; david.buck@lsr7.net; Goldman, Jennifer, L; Erin Cardwell; Wilkinson, Tiffany; Pekarsky, Michelle; Thompson, Frank; Jones, Marvia; Booker, Amber; Schuster, Jennifer, E; lisa.mertz@kcmo.org  
**Subject:** RE: Fall 2021 School Year Preparation

Thank you to all who replied so quickly!

July 1, 3-4pm was far and away the most selected time/date, so I will send a calendar invite and a zoom link shortly. Agenda to follow, but the main discussion points will be what was in the original email, found below.

Thanks everyone!  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.tribe.org](http://www.tribe.org)

**From:** Amanda Graor  
**Sent:** Tuesday, June 22, 2021 12:14 PM  
**To:** Archer, Rex <rex.archer@kcmo.org>; Dlugolecki, Ray D <Ray.Dlugolecki@tmcmcd.org>; Ashley Wegner <awegner@clayhealth.com>; taylorh@casscounty.com; Corriveau, Erin <ecorriveau@kumc.edu>; Marlene Nagel <MNAGEL@MARC.ORG>; John Allison <jallison@olatheschools.org>; Jeremy Tucker <jeremy.tucker@lps53.org>; Kenny Southwick <ksouthwick@csdgkc.org>; Donna McDaniel <dmcDaniel@kauffman.org>; Dan Luebbert <dan.luebbert@plattehealth.com>; Jacob Peterson <jpeterson@marc.org>; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo, L <mlquiriconi@cmh.edu>; Watts, Jennifer, L (MD) <jwatts@cmh.edu>; Kim Trang <ktrang@clayhealth.com>; Groenweghe, Elizabeth <egroenweghe@wycokck.org>; Elizabeth Yoder <eyoder@clayhealth.com>; agreiner@kumc.edu; Juliann Van Liew <jvanliew@wycokck.org>; Sanmi.Areola@jocogov.org; 'Gary Zaborac' <gzaborac@clayhealth.com>; Mary Jo Vernon <maryjo.vernon@plattehealth.com>; Laura Evans <levans@kauffman.org>; Shaffer, Bridgette A <bridgette.shaffer@tmcmcd.org>; andreww@casscounty.com; Jeremy Tucker <e10115@lps53.org>; david.buck@lsr7.net; Goldman, Jennifer, L <jlgoldman@cmh.edu>; Erin Cardwell <ecardwell@marc.org>; Wilkinson, Tiffany <Tiffany.Wilkinson@kcmo.org>; Pekarsky, Michelle <Michelle.Pekarsky@kcmo.org>; Thompson, Frank <frank.thompson@kcmo.org>; Jones, Marvia <Marvia.Jones@kcmo.org>; Booker, Amber <Amber.Booker@kcmo.org>  
**Subject:** Fall 2021 School Year Preparation

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester.

This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

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**From:** Jennifer Sutherlin <[jsutherlin@MARC.ORG](mailto:jsutherlin@MARC.ORG)>  
**Sent:** Wednesday, June 23, 2021 3:43 PM  
**To:** [john.whitaker@health.mo.gov](mailto:john.whitaker@health.mo.gov); Wells, Carolyn; [jwatts@cmh.edu](mailto:jwatts@cmh.edu); [ktraylor@kchospice.org](mailto:ktraylor@kchospice.org); Thompson, Elijah; Jeff Taylor (City of Riverside); Jennifer Sutherlin; [msoule@cmh.edu](mailto:msoule@cmh.edu); Shaffer, Bridgette A; David Schemenauer; Prough, Amanda, DHE; Chip Portz; Vickie Phillips; Moncure, Michael; Bill Moberly; [jmiller@leavenworthcounty.gov](mailto:jmiller@leavenworthcounty.gov); Joann.martin@lpha.mo.gov; [amarshall4@kumc.edu](mailto:amarshall4@kumc.edu); Erin Lynch; Lammers, Steven; [tjones@fitzgibbon.org](mailto:tjones@fitzgibbon.org); [RJacobsen@jocogov.org](mailto:RJacobsen@jocogov.org); Hoeger, Steven M; Ryan Hicks; Steven Tom Hensley; [jdevaul@raycountyhospital.com](mailto:jdevaul@raycountyhospital.com); KS Metro HCC; [dcollins@saint-lukes.org](mailto:dcollins@saint-lukes.org); [gdchristian@saint-lukes.org](mailto:gdchristian@saint-lukes.org); [erica.carney@kcmo.org](mailto:erica.carney@kcmo.org); [kyle.burns@jocoems.org](mailto:kyle.burns@jocoems.org); [jboss@jocoems.org](mailto:jboss@jocoems.org); [mbehringer@bcmhospital.com](mailto:mbehringer@bcmhospital.com); Carol Ayres  
**Cc:** Mike Parker; covidhub  
**Subject:** Delta Variant health alert from DHSS  
**Attachments:** MO HAN\_Delta variant\_06 23 2021.pdf

Good Afternoon HCC Steering,  
I wanted to share this alert with you, in case you did not receive.  
This is also posted in EMResource.

**Jennifer Sutherlin, MPH, BSN**  
Emergency Services Health and Medical Program Manager  
Mid-America Regional Council  
600 Broadway Suite #200 | Kansas City, MO 64105-1659  
Office 816-701-8362 | [www.tamcc.org](http://www.tamcc.org)

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## Health Advisory:

### Emergence of Delta Variant of Coronavirus Causing COVID-19 in USA

06.23.2021

This document will be updated as new information becomes available. The current version can always be viewed at <http://www.health.mo.gov>.

The Missouri Department of Health and Senior Services (DHSS) is now using four types of documents to provide important information to medical and public health professionals, and to other interested persons:

**Health Alerts** convey information of the highest level of importance which warrants immediate action or attention from Missouri health providers, emergency responders, public health agencies, and/or the public.

**Health Advisories** provide important information for a specific incident or situation, including that impacting neighboring states; may not require immediate action.

**Health Guidance** contain comprehensive information pertaining to a particular disease or condition, and include recommendations, guidelines, etc. endorsed by DHSS.

**Health Updates** provide new or updated information on an incident or situation; can also provide information to update a previously sent Health Alert, Health Advisory, or Health Guidance; unlikely to require immediate action.

Office of the Director  
912 Wildwood  
P.O. Box 570  
Jefferson City, MO 65102  
Telephone: 800-392-0272  
Fax: 573-751-6041

Website: <http://www.health.mo.gov>

Health Advisory  
06.23.2021

**FROM:** Robert Knodell, DHSS Acting Director

**SUBJECT:** Emergence of Delta Variant of Coronavirus Causing COVID-19 in USA

The Missouri Department of Health and Senior Services (DHSS) is issuing this Health Advisory to provide the latest information regarding the emergence of the Delta variant. The increase in this highly transmissible variant underscores the importance of continued testing for COVID-19 for patients with compatible symptoms, as well as individuals who are not fully vaccinated and have been exposed to SARS-CoV-2 but may be asymptomatic. Social distancing and appropriate masking remain very important countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. The DHSS continues to encourage all eligible persons to get vaccinated against COVID-19.

The Delta variant (B.1.617.2, formerly India variant) of COVID-19 causing coronavirus originated and rapidly spread in India, and is emerging in the United States, as well as in many other countries. On June 15, 2021, the CDC named Delta variant a variant of concern (VOC) in the United States. As of mid-June 2021, the CDC estimates the Delta variant is accounting for 20% of new cases in the United States. The variant virus proportions estimate based on the CDC sequence data of human samples shows the highest proportion of cases is in HHS Region 7 (Missouri, Kansas, Iowa, and Nebraska), comprising 34.8% of all variant viruses detected. This is an increase from 1.6% just one month ago. Genetic surveillance of COVID-19 cases by the Missouri DHSS in collaboration with the University of Missouri detected at least one case of Delta virus in 35 counties across all regions of the State. The highest proportion of Delta virus is detected in the Southwest region of the State, which accounts for just over 67% of all Delta variants identified. The ongoing DHSS surveillance of sewage samples, most recently available from 23 wastewater treatment facilities across the state, reveals presence of Delta virus at 16 locations.

Viral mutations naturally occur in the genome of many viruses, including SARS-CoV-2 which causes COVID-19. Unlike the human genome which is slow to mutate, RNA viruses, such as SARS-CoV-2, are able to quickly mutate. Once the mutation occurs, it may alter the viral function (for example, enhance receptor binding), or may have no effect on how virus functions. A new virus variant emerges when the virus develops one or more mutations that differentiate it from the predominant virus variants circulating in a population.

Accumulating data shows that Delta virus may have increased binding with human ACE receptors and increased transmissibility when compared to previously emerged variant viruses. New Public Health England (PHE) research suggests the Delta variant is associated with a 64% increased risk of household transmission compared with the Alpha variant (B.1.1.7, formerly UK variant), and is 40% more transmissible outdoors. Analysis of data from Scotland just published in *The Lancet* indicated that Delta variant approximately doubles the risk of hospitalization compared with the Alpha variant.

Variants of concern, such as Delta virus, may also reduce vaccine effectiveness, which may be evident by a high number of vaccine breakthrough cases or a very low vaccine-induced protection against severe disease. One recent study revealed that Delta variant is 6.8-fold more resistant to neutralization by sera from COVID-19 convalescent and mRNA vaccinated individuals. A pre-print study released by PHE on May 22, 2021 found that two doses of the Pfizer-BioNTech vaccine were 88% effective against symptomatic infection with the Delta variant versus 93.4% for the Alpha variant. However, one dose was only 33% effective against symptomatic infection with the Delta variant versus 50% for the Alpha variant. The PHE data also shows the Pfizer/BioNTech vaccine is 96% effective against hospitalization, after two doses, in those who experience Delta virus infection. These new findings underscore importance of receiving two doses of COVID-19 vaccination and adhering to the typical regimen of injections.

Clinical knowledge regarding differences in symptoms caused by the Delta virus infection is currently limited. According to the patient data from the UK where the Delta variant now accounts for 91% of the Covid-19 cases, disease caused by this variant may not present in typical fashion with cough and fever. An ongoing U.K.-based study (Zoe Covid Symptom Study) enables public to enter their COVID symptoms on a smartphone application for the scientists to then analyze the data.

Analysis of such data shows that top symptoms of Delta variant infection are headache, followed by runny nose and sore throat, while fever and cough were less common; loss of smell was not in the top ten. Most cases were in young people who had not yet been vaccinated, and that the variant appeared to be far more transmissible with every person infecting several others. Implication of such findings is that infected persons may not perceive themselves as having COVID-19 symptoms and not seek healthcare accordingly; and health providers may not pursue an appropriate testing.

The Missouri DHSS urges health care providers and the public to be vigilant for the possibility of Delta virus infection. Social distancing and appropriate masking remain very important countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. The DHSS continues to encourage all eligible persons to get vaccinated against COVID-19.

*Missouri healthcare providers and public health practitioners: Please contact your local public health agency or the Missouri Department of Health and Senior Services' (DHSS') Bureau of Communicable Disease Control and Prevention at 573-751-6113 or 800-392-0272 (24/7), with questions regarding this health advisory.*

---

**From:** no-reply@appmail.juvenile.com  
**Sent:** Wednesday, June 23, 2021 1:51 PM  
**To:** Shaffer, Bridgette A  
**Subject:** EMResource - DHSS HAd: Emergence of Delta Variant

Event Notice for: Jackson County Health Department  
Information: Emergence of Delta Variant of Coronavirus Causing COVID-19 In USA

See attached document at  
[https://urldefense.com/v3/\\_\\_https://emresource.juvenile.com/DL?key=Hs3NNvGU7hAx8RVs01zR6YjExiG82ceG&rid=680015&oid=1861\\_\\_!iDKyW9jE!wjDDjVzfHOGfWxZVv6sS7D7SiuwWnt7PhVElnfVOg\\_BE2V6HG95G5GfB1qtcRCZT03SfdA\\$](https://urldefense.com/v3/__https://emresource.juvenile.com/DL?key=Hs3NNvGU7hAx8RVs01zR6YjExiG82ceG&rid=680015&oid=1861__!iDKyW9jE!wjDDjVzfHOGfWxZVv6sS7D7SiuwWnt7PhVElnfVOg_BE2V6HG95G5GfB1qtcRCZT03SfdA$)

From: Department of Health and Senior Services 1

Regions: State of Missouri, zzzSt: L, Psych

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**From:** Amanda Graor <agraor@MARC.ORG>  
**Sent:** Tuesday, June 22, 2021 12:14 PM  
**To:** Archer, Rex; Dlugolecki, Ray D; Ashley Wegner; taylorh@casscounty.com; Corriveau, Erin; Marlene Nagel; John Allison; Jeremy Tucker; Kenny Southwick; Donna McDaniel; Dan Luebbert; Jacob Peterson; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo; L Watts, Jennifer, L (MD); Kim Trang; Groenweghe, Elizabeth; Elizabeth Yoder; agreiner@kumc.edu; jvanliew; Sanmi.Areola@jocogov.org; Gary Zaborac; Mary Jo Vernon; Laura Evans; Shaffer, Bridgette A; andreww@casscounty.com; Jeremy Tucker; david.buck@lsc7.net; Goldman, Jennifer, L; Erin Cardwell; Wilkinson, Tiffany; Pekarsky, Michelle; Thompson, Frank; Jones, Marvia; Booker, Amber  
**Subject:** Fall 2021 School Year Preparation

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester. This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marcc.org](http://www.marcc.org)

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**From:** APHA <apha@apha.org>  
**Sent:** Tuesday, June 22, 2021 11:00 AM  
**To:** Shaffer, Bridgette A  
**Subject:** June 23 webinar - COVID-19 and Global Vaccine Equity



Don't miss tomorrow's free webinar.

COVID-19 Conversations Webinar Series

# Tale of Two Pandemics: COVID-19 and Global Vaccine Equity

June 23, 2021 | 5 – 6:30 p.m. ET

[Register to attend the free webinar](#)

The twentieth COVID-19 Conversations webinar will provide an update on the current state of COVID-19 globally, focusing specifically on Brazil, India and South Africa, and will also review lessons we can learn from previous global vaccination campaigns in ensuring that all countries have adequate supplies of COVID-19 vaccines.

The webinar will begin with an introduction from the session's moderator, **Helene Gayle**, The Chicago Community Trust, and then feature a conversation with a panel of experts, including:

- **Beatriz Grinsztejn**, Evandro Chagas National Institute of Infectious Diseases-Oswaldo Cruz Foundation
- **Gagandeep 'Cherry' Kang**, Christian Medical College
- **Salim Abdool Karim**, Centre for the AIDS Programme of Research in South Africa (CAPRISA) and Columbia University
- **William Foege**, Rollins School of Public Health, Emory University

The panel discussion will be followed by a Q&A session with the webinar audience.

This webinar has been approved for 1.5 **continuing education credits for CPH, CME, CNE or CHES**. Several days after attending the webinar, participants will receive an email with info on how to complete the online evaluation and claim their credits.

## Recordings Now Available for All Previous Webinars



Watch free recordings of our webinars focused on social distancing, emerging evidence, crisis standards of care, testing, health equity, reopening America, mitigating indirect impacts, the road to immunity, clinical trials and therapeutics, reopening colleges and universities, managing ongoing surges, returning to K-12 education, testing and contact tracing, an update on vaccines, the realities of next steps for vaccines, a new year of COVID-

19, and variants and vaccines, as well as our most recent webinar on [learning to live with COVID-19](#).

Transcripts and slide presentations are also available for all webinars in this series.

The "COVID-19 Conversations" series of rapid-response webinars from the National Academy of Medicine and the American Public Health Association is addressing the state of the science on COVID-19 and exploring emerging evidence on how to best mitigate its impact.

Led by a panel of expert advisors chaired by Carlos del Rio and Nicole Lurie, the series features trusted experts in such fields as public health, infectious disease, risk communication, and crisis standards of care. The series is providing trustworthy scientific analysis of important developments in the COVID-19 response to inform policymakers, public health practitioners, clinicians, business leaders and scientists.

All webinars will be recorded and posted on our website.

## Help us spread the word!



Tweet this! Join @theNAMedicine and @PublicHealth for a free webinar on 6/23 that will feature conversations about the state of the pandemic globally, and how we can effectively vaccinate the world against #COVID19: <https://www.covid19conversations.org/> #COVID19Conversations



Tweet this! A free 6/23 webinar will review the state of #COVID19 in Brazil, India, and South Africa and explore what lessons we can learn from previous global vaccination campaigns in vaccinating the world against #COVID19: <https://www.covid19conversations.org/> #COVID19conversations



## The National Academies of Medicine and APHA are responding to the COVID-19 outbreak

To learn more, visit:

- [NAM Coronavirus Resources](#)
- [APHA COVID-19](#) and [Get Ready](#) pages and our coronavirus post series on *Public Health Newswire*

[Sign up for future COVID-19 and infectious disease info from APHA](#)

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Monday, June 21, 2021, 3:17 PM  
**To:** Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terri; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; 'Brenstew33@hotmail.com'; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Dumell, Steve; Echois, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Dan; Heinen, Christina; Hittson, Angie; House, Liz; Hunt, Becky; 'JHirrichs@stlouiscountymo.gov'; 'JMCHugh@sccmo.org'; Johnson, Rachelle; 'Kfindley@springfieldmo.gov'; 'Khan, Faisal'; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; 'MPAUZA@sccmo.org'; Neblock, Krista; 'Nkolenchery@stlouiscountymo.gov'; 'NTuliam@stlouisco.com'; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Semkiw, Elizabeth; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Steitz, Christina; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Tanya; Thompson, Frank; Tilley, Ryan; Turabelidze, George; Yusa, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Vollmar, Kelsey; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; 'YAbbyad@sccmo.org'; Young, Mary  
**Subject:** Week 17 of sewershed testing for mutations  
**Attachments:** Week 17.xlsx

I have several updates for you this week.

- We continue pushing ourselves to test for mutations in more and more locations. This week we were able to test 30 locations.
- Last week we reported that we saw the Delta variant in 14 out of 23 locations we tested. This week we saw the Delta variant in 27 of the 30 locations we tested.

#### Storymap

- We have been updating the variant section of the storymap on Fridays. Starting this week, we plan to start updating the storymap on Tuesdays. If for some reason we are not able to provide you an update on Mondays, we will make sure you have notice and wait until the following day to update the storymap.
- For the storymap and Box, we will start transitioning to the greek names assigned to the variants.

#### Press

- NBC interviewed MU on Thursday and aired that nationally on Friday. This seems to have increased interest in media interest in the project. So if you are asked questions, this may be what is triggering that. I was interviewed by the Kansas City Star today. Tomorrow I have an interview from Channel 8 out of Columbia.

Please let me know if you have any questions.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology  
Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109

(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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UK B.1.617.2 dia of NY  
 Date Summary V/A570D R+T478K L452R  
 Brazil SA NY V.2  
 F484K IK/N501Y IK/N501Y 5477N

City watershed Date Summary V/A570D R+T478K L452R

005	Springfield SW	6-7	India	100%	
009	Monett	6-7	India	100%	
010	Joplin Turkey Cre	6-8	India	100%	
011	Warrensbl East	6-7	India and I	55%	
016	Uholo West	6-8	UK	100%	
020	Branson Cooper Cr	6-8	India	100%	
022	Springfield MW	6-7	India	100%	
026	Jeff City	6-8	India and I	90%	
028	Joplin Shoal Cree	6-8	India and P.1	70%	
032	Indendent Rock Cree	6-8	India and I	80%	30%
033	St.Louis Coldwater	6-8	India and I	60%	
034	Warrensbl West	6-7	UK and Inc	20%	
044	Columbia	6-8	UK and Inc	10%	
045	St.Louis Lower Mer	6-8	India and I	50%	
047	Marshall	6-9	India and I	95%	
048	St.Joseph	6-7	India	100%	
050	Indendent LBVAT	6-8	UK and Inc	35%	
051	Branson Compton I	6-8	UK and Inc	40%	
052	Brookfield	6-8	India	100%	
056	Mexico	6-9	India and I	95%	
058	Marshfield	6-8	India and I	60%	
059	Nixa	6-7	India and I	85%	
070	Nevada	6-7	India	100%	
104	Blue Springs	6-3	India	100%	
111	Eldon	6-9	India	100%	
115	Ucking	6-7	India	100%	
119	KC Fishing Riv	6-7	UK and NY	50%	50%
126	Washington	6-7	UK	100%	
127	Platte City	6-7	India	100%	
134	Duckett Cr WWTF #2	6-7	India	100%	

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**From:** APHA <apha@apha.org>  
**Sent:** Friday, June 18, 2021 1:10 PM  
**To:** Shaffer, Bridgette A  
**Subject:** COVID-19 Conversations: A Tale of Two Pandemics: COVID-19 and Global Vaccine Equity - Webinar



COVID-19 Conversations Webinar Series

## Tale of Two Pandemics: COVID-19 and Global Vaccine Equity

June 23, 2021 | 5 – 6:30 p.m. ET

The twentieth COVID-19 Conversations webinar will provide an update on the current state of COVID-19 globally, focusing specifically on Brazil, India and South Africa, and will also review lessons we can learn from previous global vaccination campaigns in ensuring that all countries have adequate supplies of COVID-19 vaccines.

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- **Gagandeep 'Cherry' Kang**, Christian Medical College

- **Salim Abdool Karim**, Centre for the AIDS Programme of Research in South Africa (CAPRISA) and Columbia University
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19 and variants and vaccines, as well as our most recent webinar on learning to live with COVID-19. Transcripts and slide presentations are also available for all webinars in this series.

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Tweet this! A free 6/23 webinar will review the state of #COVID19 in Brazil, India, and South Africa and explore what lessons we can learn from previous global vaccination campaigns in vaccinating the world against #COVID19: <https://www.covid19conversations.org/> #COVID19conversations



Tweet this! #COVID19Conversations will be moderated by @helenogayle, include updates on the global state of #COVID19 from @BeatrizGrinszt2, @GKanglnd, and @ProfAbdoolKarim, and a keynote on what we can learn from past pandemics from Bill Foege: <https://www.covid19conversations.org/> #COVID19conversations



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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 5:05 PM  
**Subject:** LPHA Email Update

Good evening,  
Please see the updates and information below...thank you and have a great weekend!

### **DHSS OFFICES WILL BE CLOSED ON 6-18-21**

We were notified late today that state agencies will be observing the new Federal Juneteenth holiday tomorrow and DHSS offices will be closed.

Please note, I will be checking email tomorrow so if you need anything please let me know!

### **Tiffany Vacation**

I will be on vacation from June 21<sup>st</sup> – June 30<sup>th</sup>. I will be checking my email periodically during that time (probably once each morning). If you need immediate assistance, please send the message to Lori Brenneke and Jennifer Harrison so they can respond. We **WILL** be having the Tuesday update calls while I am gone and Lori Brenneke will be hosting those. If you have questions to submit for those calls, please send those directly to Lori Brenneke ([Lori.Brenneke@health.mo.gov](mailto:Lori.Brenneke@health.mo.gov)).

### **Call Information for the Week of June 21st – June 25th**

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 22, 2021 3-5PM

**CALL INFORMATION:** Meeting number (access code): 177 535 6795 Meeting password: CNmRHk2J5C7

Join from a video system or application

Dial [1775356795@stateofmo.webex.com](tel:1775356795@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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Join by phone

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+1-312-535-8110 United States Toll (Chicago)

[Global call-in numbers](#)

**WHAT:** LPHA UPDATE CALL

**WHEN:** TUESDAY, June 22, 2021 4-5PM

**CALL INFORMATION:** Meeting number (access code): 177 625 6925 Meeting password: PHs3pPJ9uE2

Join from a video system or application

Dial [1776256925@stateofmo.webex.com](tel:1776256925@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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**PLEASE NOTE:** Lori Brenneke will be hosting this call because I will be on vacation. If you have questions to submit for those calls, please send those directly to Lori Brenneke ([Lori.Brenneke@health.mo.gov](mailto:Lori.Brenneke@health.mo.gov)).

If you missed this call you can find the recording at  
<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 24, 2021 2-4PM

**CALL INFORMATION:** Meeting number (access code): 177 783 0874 Meeting password: gRmnxXMu845

Join from a video system or application

Dial [1777830874@stateofmo.webex.com](tel:1777830874@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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[Global call-in numbers](#)

## Call Information for the Week of June 28th – July 2<sup>nd</sup>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 29, 2021 3-5PM

**CALL INFORMATION:** Meeting number (access code): 177 535 6795 Meeting password: CNmRHk2J5C7

Join from a video system or application

Dial [1775356795@stateofmo.webex.com](tel:1775356795@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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Join by phone

1-650-479-3207 Call-in toll number (US/Canada)

+1-312-535-8110 United States Toll (Chicago)

[Global call-in numbers](#)

**WHAT:** LPHA Update Call

**WHEN:** TUESDAY, June 29, 2021 4-5PM

**CALL INFORMATION:** Meeting number (access code): 177 625 6925 Meeting password: PHs3pPJ9uE2

Join from a video system or application

Dial [1776256925@stateofmo.webex.com](tel:1776256925@stateofmo.webex.com)

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[Global call-in numbers](#)

**PLEASE NOTE:** Lori Brenneke will be hosting this call because I will be on vacation. [If you have questions to submit for those calls, please send those directly to Lori Brenneke \(Lori.Brenneke@health.mo.gov\).](#)

If you missed this call you can find the recording at

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, July 1, 2021 2-4PM

**CALL INFORMATION:** Meeting number (access code): 177 783 0874 Meeting password: gRmnxXMu845

Join from a video system or application

Dial [1777830874@stateofmo.webex.com](mailto:1777830874@stateofmo.webex.com)

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[Global call-in numbers](#)

## Follow-up from LPHA Update Call – 6/15/21

**Question:** Will deaths that have a positive antigen test AND are also list COVID as a contributing cause of death going to be added to the MODHSS dashboard?

**Answer:** If COVID is listed anywhere on the death certificate (underlying or contributing cause) it is counted on the dashboard irrespective of the type of test.

Please note that there could be a delay sometimes because – the LPHA might mark / deem it as a COVID death, but we need to wait for the death certificate to be officially registered, vetted by NCHS and confirmed as a COVID death before we update the dashboard.

CDC Variant Tracker - <https://covid.edc.gov/covid-data-tracker/#variant-proportions>

Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

## Adult Vaccination Contract Documents

Adult Vaccination Contract documents are now located here:

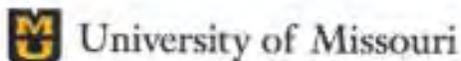
<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

## Infection Control and Prevention Webinar Series



## **Monthly Infection Control and Prevention Webinar Series:** *What you need to know to keep you, your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing  
competency meet*

### Schedule of Webinars

#### June 10 – Inaugural Webinar: Vaccines are Safe – How we know!

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

#### July 8 - How do COVID vaccines affect immunity to COVID?

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care Columbia, Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

#### August 10—Environmental Health: Air Purification and Quality

*Lolie Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements

- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

**REGISTER ONCE FOR ENTIRE SERIES!**

**[Register Now & More Information](#)**

### **CE Credit**

Nursing, Social Work, & Nursing Home Administrators (applied for)

**No Fee to Attend**





**YOU'RE INVITED**

**SAVE THE DATE**  
JUNE 21-25, 2021

ON DAILY  
FOR VIRTUAL  
LUNCH & LEARN SESSIONS  
**11AM-1PM CDT**

**THERE IS NO BETTER TIME TO TALK IMMUNIZATIONS!**

Join for educational sessions, dynamic speakers, and networking opportunities.  
Earn CE, CME, and MOC Credits for your attendance.

[Register](#)

## Featured Speakers:



Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance –  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



[ncope@moimmunize.com](mailto:ncope@moimmunize.com)  
[moimmunize.org](http://moimmunize.org)

Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** Marshall, Lisa <Lisa.Marshall@lpha.mo.gov>  
**Sent:** Thursday, June 17, 2021 3:42 PM  
**To:** Vollmar, Kelley; Talken, Ryan; Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** Re: SGF-Greene Experience with Current Surge

Taney County is seeing a steady increase in new cases as well. We've alerted our local elected officials and decision makers with very little interest in discussion of mitigation measures. Our last election cycle saw a turnover in many of our elected officials resulting in a "pro-recovery" focus. We are also seeing low uptake of vaccine in our county despite education and clinic offerings. Without local support and continued low interest in vaccines, coupled with the welcome sign, I anticipate our numbers will continue upwards.

**LISA MARSHALL, MS, RD, LD**

Director, PIO

**TANEY COUNTY HEALTH DEPARTMENT**

320 Rinehart Road | Branson, MO 65616

P: 417-334-4544 Ext. 252 | F: 417-335-5727

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**From:** Kelley Vollmar <Kelley.Vollmar@jeffcohealth.org>  
**Sent:** Thursday, June 17, 2021 9:53:14 AM  
**To:** Talken, Ryan; Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** RE: SGF-Greene Experience with Current Surge

I had also heard that Branson was experiencing similar growth. Has the state or should we as locals consider a "travel warning" type of press release to inform residents that the cases are rising in these areas and that individuals traveling to the impacted areas should be vaccinated or ensure they are utilizing high level prevention measures including masking at all times, social distancing, avoiding large crowds, etc.? I don't want to work against communities that are trying to recover after this past year, but I also think it is wise to try to limit the import of new cases in and also limit the potential of export of the virus to other counties because the areas tend to be highly traveled/tourist areas. The beginning path of COVID within Missouri was along the major interstate highways. I'm wondering if we can try to learn from that and start earlier this time.

*Kelley Vollmar, M.S.*

Director  
Jefferson County Health Department  
405 Main Street  
Hillsboro, MO 63050

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Cell: 636-287-2409

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*Jefferson County Health Department will champion positive health outcomes and behaviors through innovative programs and community engagement.*



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**From:** Talken, Ryan <[RTalken1@Joplinmo.org](mailto:RTalken1@Joplinmo.org)>

**Sent:** Thursday, June 17, 2021 9:31 AM

**To:** Mooney, Jon <[jmooney@springfieldmo.gov](mailto:jmooney@springfieldmo.gov)>; MOCPE <[MOCPE@groups.outlook.com](mailto:MOCPE@groups.outlook.com)>

**Cc:** larry jones <[ldjones611@hotmail.com](mailto:ldjones611@hotmail.com)>; Findley, Kendra <[kfindley@springfieldmo.gov](mailto:kfindley@springfieldmo.gov)>; Yoon, Nancy <[nancy.yoon@springfieldmo.gov](mailto:nancy.yoon@springfieldmo.gov)>; Crumbliss, Adam <[Adam.Crumbliss@health.mo.gov](mailto:Adam.Crumbliss@health.mo.gov)>

**Subject:** RE: SGF-Greene Experience with Current Surge

Thank you Jon,

We are seeing a similar surge in cases in Joplin as well. I don't have as detailed data as you, but we have had Delta identified in the sewer shed study and in surveillance samples. We have just recently started more comprehensive variant testing on breakthrough cases, we don't have those results yet. Our current 7 day average is 13.43 cases per day, in May we were at 2.71 cases per day 7 day average about a 395% increase in cases over the last month. Percent increase in cases can be a bit misleading when working with small numbers, but the point is cases and workloads have greatly increased. We had days in May with a single case reported we are now seeing 30 cases per day reported.

Hospitalizations and deaths have also increased along with the uptick in cases. Also, of note recent deaths and hospitalizations have been in younger people, likely due to the older population being vaccinated.

On a bright note, vaccine demand is seeing a slight increase in the last week. We have been consistent in offering vaccine both in office and at offsite events with very little interest from the public, our events this week are seeing a slight increase in demand. Our current vaccination rate using DHSS stats for Joplin 39.5% completed and 45.3% initiated for Joplin zip codes. As we have identified recent outbreaks at certain workplaces and institutions those have been great opportunities to offer clinics.

Ryan

**From:** Mooney, Jon <[jmooney@springfieldmo.gov](mailto:jmooney@springfieldmo.gov)>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOC PHE <[MOC.PHE@groups.outlook.com](mailto:MOC.PHE@groups.outlook.com)>  
**Cc:** Larry Jones <[ljones611@hotmail.com](mailto:ljones611@hotmail.com)>; Findley, Kendra <[kfindley@springfieldmo.gov](mailto:kfindley@springfieldmo.gov)>; Yoon, Nancy <[nancy.yoon@springfieldmo.gov](mailto:nancy.yoon@springfieldmo.gov)>; Crumbliss, Adam <[Adam.Crumbliss@health.mo.gov](mailto:Adam.Crumbliss@health.mo.gov)>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone. I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday – 3 days in a row above 100). Our hospitalizations have experienced a similar trend – climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear – we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

We believe this current surge in cases has been due to the Delta variant and now have data that makes this belief more certain. We have had Alpha variant in our community since December 9th and believe it was a driving factor behind our increases in December and early January. Beginning in March, our reinfection rate jumped 5 times what it had been in previous months. In May we had our first documented case of the Delta variant. Based on these pieces of information, I believe we had limited circulation of Delta as early as March which has since become the dominant strain. Recent data suggests that in HHS Region 7, Alpha represents 76% and Delta represents 7% of all cases. These percentages have also been shared by DHSS. While this may be the case for the entire state and HHS region, it appears our mix looks very different. In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**  
Assistant Director  
Springfield-Greene County Health  
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the Report Phishing button. If you are the only person using your computer, you can contact KC one with your computer name to get the button added.

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**From:** Cohlma, Charles L  
**Sent:** Thursday, June 17, 2021 12:40 PM  
**To:** Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Cc:** Koob, Chase M; Kasprzyk, Keilya A; Kresl, Laura E; Treat, Taylor K; Shaffer, Bridgette A; Dlugolecki, Ray D; Hubbert, Lisa  
**Subject:** RE: Church Camp - Crown Pointe Church

Taylor has been in contact with KCMO where additional cases have been reported in other jurisdictions, including Morgan County.

## Charles Cohlma, MPH

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](#)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlma@tmcmed.org](mailto:Charles.Cohlma@tmcmed.org)

   [www.jcchd.org](http://www.jcchd.org)

**From:** Franklin, Patrick <Patrick.Franklin@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 12:34 PM  
**To:** Cohlma, Charles L <Charles.Cohlma@tmcmed.org>; Pearson, Jessica <Jessica.Pearson@health.mo.gov>; Poiry, Madison <Madison.Poiry@health.mo.gov>  
**Cc:** Koob, Chase M <Chase.Koob@tmcmed.org>; Kasprzyk, Keilya A <Keilya.Kasprzyk@tmcmed.org>; Kresl, Laura E <Laura.Kresl@tmcmed.org>; Treat, Taylor K <Taylor.Treat@tmcmed.org>; Shaffer, Bridgette A <Bridgette.Shaffer@tmcmed.org>; Dlugolecki, Ray D <Ray.Dlugolecki@tmcmed.org>; Hubbert, Lisa <Lisa.Hubbert@kcmo.org>  
**Subject:** RE: Church Camp - Crown Pointe Church

Thanks Chip. I have let my colleagues in the other regions know. This sounds like an opportune time to conduct variant testing.

**From:** Cohlma, Charles L <Charles.Cohlma@tmcmed.org>  
**Sent:** Thursday, June 17, 2021 11:45 AM  
**To:** Franklin, Patrick <Patrick.Franklin@health.mo.gov>; Pearson, Jessica <Jessica.Pearson@health.mo.gov>; Poiry, Madison <Madison.Poiry@health.mo.gov>  
**Cc:** Koob, Chase M <Chase.Koob@tmcmed.org>; Kasprzyk, Keilya A <Keilya.Kasprzyk@tmcmed.org>; Kresl, Laura E <Laura.Kresl@tmcmed.org>; Treat, Taylor K <Taylor.Treat@tmcmed.org>; Shaffer (Casey), Bridgette <Bridgette.shaffer@tmcmed.org>; Dlugolecki, Ray <Ray.Dlugolecki@tmcmed.org>; Hubbert, Lisa <Lisa.Hubbert@kcmo.org>  
**Subject:** Church Camp - Crown Pointe Church

Hello, all.

Over the last few days, multiple jurisdictions have been reporting cases of COVID-19 associated with a church camp which was hosted by a church located in Lee's Summit. The details regarding the event can be found here: <http://crownpointechurch.com/events/2021/06/07/youth-camp>. I did some internet sleuthing and the camp would have taken place at 31434 Main St, Rocky Mount, MO 65072, which would be Morgan County, MO.

Taylor has been on the phone with the church in order to get a roster of individuals in attendance or the roster of churches which sent attendees. So far, we've gotten radio silence on that until a few minutes ago when the church lead said they would not be cooperating. Taylor mentioned the legal elements of public health investigation and they seem to be a little more on-board, but they said they need to talk to their lawyer and they would let us know.

In short, we're giving them until about 4:00 pm today to give us a call back with more information, but I did want to make sure you were aware as we would be asking the state of MO to issue a press release, if necessary, regarding the mass exposure. As far as we know, the only individuals who attended the camp were Missouri residents, so I wouldn't go so far as working in an Epi-X, but I'll let you know of anything else once we have additional information.

The camp coordinators claim that they have notified all of the pastors of each church of the exposure, but there isn't anything in terms of whether or not the individual camp attendees were made aware or if there was a percentage notified.

Once we have any additional information, I'll let you all know. Let me know if you have any questions.

### **Charles Cohlma, MPH**

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**To:** Talken, Ryan; Mooney, Jon; MOCPHE  
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different: In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%!

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**

Assistant Director

Springfield-Greene County Health

Dr. (417) 874-2568

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**From:** Talken, Ryan <RTalken1@joplinmo.org>  
**Sent:** Thursday, June 17, 2021 9:31 AM  
**To:** Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** RE: SGF-Greene Experience with Current Surge

Thank you Jon,

We are seeing a similar surge in cases in Joplin as well. I don't have as detailed data as you, but we have had Delta identified in the sewer shed study and in surveillance samples. We have just recently started more comprehensive variant testing on breakthrough cases, we don't have those results yet. Our current 7 day average is 13.43 cases per day. In May we were at 2.71 cases per day 7 day average about a 395% increase in cases over the last month. Percent increase in cases can be a bit misleading when working with small numbers, but the point is cases and workloads have greatly increased. We had days in May with a single case reported we are now seeing 30 cases per day reported.

Hospitalizations and deaths have also increased along with the uptick in cases. Also, of note recent deaths and hospitalizations have been in younger people, likely due to the older population being vaccinated.

On a bright note, vaccine demand is seeing a slight increase in the last week. We have been consistent in offering vaccine both in office and at offsite events with very little interest from the public; our events this week are seeing a slight increase in demand. Our current vaccination rate using DHSS stats for Joplin 39.5% completed and 45.3% initiated for Joplin zip codes. As we have identified recent outbreaks at certain workplaces and institutions those have been great opportunities to offer clinics.

Ryan

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**From:** Mooney, Jon <jmooney@springfieldmo.gov>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE <MOCPE@groups.outlook.com>  
**Cc:** Larry Jones <ldjones611@hotmail.com>; Findley, Kendra <kfindley@springfieldmo.gov>; Yoon, Nancy <nancy.yoon@springfieldmo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone, I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday - 3 days in a row above 100). Our hospitalizations have experienced a similar trend - climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear - we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

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Assistant Director

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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 8:13 AM  
**To:** DHSS.LPHA Administrator List  
**Subject:** FW: New Webpage dedicated to Oropharyngeal (Head & Neck) Cancer

Please see the update below, thank you!

Many thanks,  
Tiffany

**From:** Snitker, Dione <Dione.Snitker@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 7:37 AM  
**To:** Aaron Bumann <aaron.bumann@gmail.com>; Alyssa Curran <acurran@mffh.org>; Andres Dominquez <adominquez@healthforward.org>; Angela Fuller <angelaw3fuller@yahoo.com>; Ashley Hanson <ashley@hwstl.org>; Ashley Hermann <ahermann@oralhealthmissouri.org>; Barnett, Brian <brian.barnett@pr.mo.gov>; Beth Vossler <bethvossler@showmeaction.org>; Garber, Bobbi <Bobbi.J.Garber@dss.mo.gov>; Bradshaw, Tana <Tana.Bradshaw@lpha.mo.gov>; Brenneke, Lori <Lori.Brenneke@health.mo.gov>; Bridget McCandless, MD <bmccandless@hcfkcc.org>; Bridgette Casey <bridgette.casey@trmcmed.org>; Cathy Enfield <mswings9@comcast.net>; Charles Nickolas - Missouri Developmental Disabilities Council (Business Fax) <"fax=/NUM=(573) 526-2755"@mosrvfaxvm.mo.gov>; Craig Hollender (craighdds@msn.com) <craighdds@msn.com>; Cynthia A. Randazzo <cynthia@casscommunityhealth.org>; David Thielemier (David.thielemier@dentaquest.com) <David.thielemier@dentaquest.com>; Diann Bomkamp <dbomkamp@sbcglobal.net>; Doris Boeckman <doris@cabllc.com>; Dr. Abiye Okah <aokah@cmh.edu>; Dr. Courtney Garland <CGarland@comtree.org>; Dr. Dwight McLeod <dmcleod@atsu.edu>; Dr. Kourtney Green <kourtenay@hwstl.org>; Dr. Nick Pfannenstiel <nrfannenstiel@jordanvalley.org>; Dr. Rob Tait <taidds@yahoo.com>; Edwards Catherine PhD (cedwards@ma4web.org) <cedwards@ma4web.org>; Gail Redman <gredman@semohealthnetwork.org>; Gary Harbison <harbison@oralhealthmissouri.org>; Gary Henley <henleygm@sbcglobal.net>; Deyton, Guy <Guy.Deyton@health.mo.gov>; Huhn, Valerie <Valerie.Huhn@dmh.mo.gov>; Jean Harmison (jean@clubmanagementservices.com) <jean@clubmanagementservices.com>; John N. Dane, DDS <jndane@aol.com>; Joseph Pierle <jpierle@mo-pca.org>; Karen Dent <kdent@mo-pca.org>; Karmen Vaughn <kvaughn@clayhealth.com>; Weatherford, Kathy <KATHY.WEATHERFORD@LCHDMO.ORG>; Vollmar, Kelley <kelley.vollmar@jeffcohealth.org>; Farrell, Kim <KIM.FARRELL@LCHDMO.ORG>; 'Linda Niessen' <LNiessen@kansascity.edu>; Linda Sharp <linda.sharp@trmcmed.org>; Lori Crawford, RDH (lori.crawfordrdh@gmail.com) <lori.crawfordrdh@gmail.com>; Sanford, Mark <msanford@phcenters.com>; Mary Simkaitis <mary.wcmd@gmail.com>; Meagan Berry <mberry132@mohigh.org>; Melchert, Russell B. <melchertr@umkc.edu>; Melissa Kleffner-Wansing <mkleffner-wansing@oralhealthmissouri.org>; Melissa Van Dyne <melissa@mrha.org>; Michael French <mfrench@atsu.edu>; Michael McCunniff, DDS <mccunniffm@umkc.edu>; Mikayla Cox <mcox@clayhealth.com>; Monique Brown <giu3@cdc.gov>; Nathan Suter (nsuter@greenleafdentalcare.com) <nsuter@greenleafdentalcare.com>; Nunemaker, Merle (mnunemaker@sbcglobal.net) <mnunemaker@sbcglobal.net>; Patty E. Inks RDH, MPH (peinks@atsu.edu) <peinks@atsu.edu>; Pendleton, Karen T <Karen.T.Pendleton@dss.mo.gov>; Penni Aubut <paubut@clayhealth.com>; Phillips, Julie <Julie.A.Phillips@dss.mo.gov>; RN Jean Grabeel (jgrabeel@spsmail.org) <jgrabeel@spsmail.org>; Ron Inge <ron.inge@deltadentalmo.com>; Ron Wilkerson - St. James Dental Group (Rwilker82@gmail.com) <Rwilker82@gmail.com>; Scott Clardy <saclardy@gocolumbiamo.com>; 'Suzanne Alewine' <suzanne@cabllc.com>; Richardson, Todd <Todd.Richardson@dss.mo.gov>; Toniann Richard <Toniann@hccnetwork.org>; 'Ungard, Jesse (HRSA)' <JUngard@hrsa.gov>; Vicki Wilbers <vicki@modentalmail.org>; William Kane DDS (wtkane@newwavecomm.net) <wtkane@newwavecomm.net>; Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>; Bellamy, Jeffrey <Jeffrey.Bellamy@health.mo.gov>; Boeckman, Julie <Julie.Boeckman@health.mo.gov>; Brendel, Barbara <Barbara.Brendel@health.mo.gov>; Brenneke, Jeff <Jeff.Brenneke@doc.mo.gov>; Brenneke, Lori

<Lori.Brenneke@health.mo.gov>; Brown, Sara <Sara.Brown@health.mo.gov>; Cameron, Beth <Beth.Cameron@health.mo.gov>; Cox, Lisa <Lisa.Cox@health.mo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>; Davenport, Sara <Sara.Davenport@health.mo.gov>; Eastman, Lisa <Lisa.Eastman@health.mo.gov>; Garikapaty, Venkata <Venkata.Garikapaty@health.mo.gov>; Deyton, Guy <Guy.Deyton@health.mo.gov>; Hendee, Audrey <Audrey.Hendee@health.mo.gov>; Hoffman, Ann <Ann.Hoffman@health.mo.gov>; Kerr, Cheryl <Cheryl.Kerr@health.mo.gov>; Kline, Kally <Kally.Kline@health.mo.gov>; McBride-Mooty, Molly <Molly.McBride-Mooty@health.mo.gov>; Miller, Erin <Erin.Miller@health.mo.gov>; Palm, Joseph <Joseph.Palm@health.mo.gov>; Smith, Martha <Martha.Smith@health.mo.gov>; Srivastava, Sandy <Sandy.Srivastava@health.mo.gov>; Sullentrup, Gwendolyn <Gwen.Sullentrup@health.mo.gov>

**Subject:** New Webpage dedicated to Oropharyngeal (Head & Neck) Cancer

Good morning!

The Office of Dental Health is proud to announce the creation of a webpage dedicated to Oropharyngeal (Head & Neck) Cancer. Head & Neck Cancer rates are going up dramatically and the American Cancer Society has estimated there could be more than 85,000 cases of Head & Neck Cancers in 2021 and there are steps that can be taken in slowing that increase.

Please check out our new webpage for more information <https://health.mo.gov/living/families/oralhealth/head-neck-cancer-top.php>

Oral Health is Overall Health. Thank you for everything you do to improve the overall health of Missourians!

*Julie Boeckman*

Program Manager

Office of Dental Health

MO Dept. of Health & Senior Services

PO Box 570

Jefferson City, MO 65102

P: 573-751-6249 / F: 573-751-0702

Email [julie.boeckman@health.mo.gov](mailto:julie.boeckman@health.mo.gov)

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**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbless, Adam  
**Subject:** SGF-Greene Experience with Current Surge

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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Wednesday, June 16, 2021 9:00 PM  
**Subject:** LPHA Email Update

**Good evening,  
Please see the updates and information below...thank you and have a great night!**

### **Follow-up from LPHA Update Call – 6/15/21**

**Question:** Will deaths that have a positive antigen test AND are also list COVID as a contributing cause of death going to be added to the MODHSS dashboard?

**Answer:** If COVID is listed anywhere on the death certificate (underlying or contributing cause) it is counted on the dashboard irrespective of the type of test.

Please note that there could be a delay sometimes because – the LPHA might mark / deem it as a COVID death, but we need to wait for the death certificate to be officially registered, vetted by NCHS and confirmed as a COVID death before we update the dashboard.

CDC Variant Tracker - <https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

### **Adult Vaccination Contract Documents**

Adult Vaccination Contract documents are now located here:

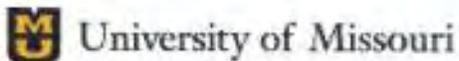
<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

### **Infection Control and Prevention Webinar Series**



## **Monthly Infection Control and Prevention Webinar Series:** *What you need to know to keep you, your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing  
competency meet*

### **Schedule of Webinars**

#### **June 10 – Inaugural Webinar: Vaccines are Safe – How we know!**

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

#### **July 8 - How do COVID vaccines affect immunity to COVID?**

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care, Columbia. Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

#### **August 10—Environmental Health: Air Purification and Quality**

*Loie Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements

- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

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**CE Credit**

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**No Fee to Attend**





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11AM-1PM CDT

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Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance -  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



[ncope@moimmunize.com](mailto:ncope@moimmunize.com)  
[moimmunize.org](http://moimmunize.org)

Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** DHSS Public Info <PublicInfo@health.mo.gov>  
**Sent:** Wednesday, June 16, 2021 5:06 PM  
**Subject:** News Release: Missouri DHSS urges continued vaccination as close monitoring of Delta variant continues



For Immediate Release;  
June 16, 2021

Media Contact:  
Lisa Cox  
Missouri Department of Health and Senior Services  
[Lisa.Cox@health.mo.gov](mailto:Lisa.Cox@health.mo.gov)

## **Missouri DHSS urges continued vaccination as close monitoring of Delta variant continues**

JEFFERSON CITY, MO – Missouri is experiencing a rise in individuals contracting the Delta variant (B.1.617.2, first detected in India) of the virus that causes COVID-19, SARS-CoV-2. It was announced by the Centers of Disease Control and Prevention yesterday that the Delta variant has been reclassified as a "variant of concern" in the United States. The Missouri Department of Health and Senior Services (DHSS) has been closely monitoring these developments and has been on the national leading edge of aggressive wastewater testing for variants of concern.

The Delta variant joins the B.1.1.7 (Alpha), B.1.351 (Beta), P.1 (Gamma), B.1.427/B.1.429 (Epsilon) variants circulating in the United States which are already classified as variants of concern.

Deemed highly transmissible, the Delta virus has been already detected in over 70 countries of the world, and is projected to become dominant worldwide. It is also causing more serious illness and hospitalizations among those who have not been vaccinated.

Monitoring the spread of emerging variants in the United States relies on widespread, rapid sequencing. While this national effort is still somewhat limited, it is clear that the variant has become prevalent in communities throughout Missouri. In February, the Missouri Department of Health and Senior Services (DHSS) began testing wastewater samples to look for the presence of these variants. These testing results are displayed in a new layer of the [COVID-19 sewershed surveillance StoryMap](#).

The unpredictability of emerging variants is cause for continuation of infection prevention precautions.

"Our greatest concern in Missouri is areas with lower vaccine uptake," said Robert Knodell, Acting Director of the Missouri Department of Health and Senior Services (DHSS). "With this variant being easier to spread and possibly causing more severe illnesses among unvaccinated people of all ages, vaccinations are the best way to stop this virus in its tracks."

This recent rise of the highly transmissible Delta variant underscores the importance of continued testing for COVID-19 of all those with related symptoms, as well as those who have been exposed to the virus but may not have symptoms.

Social distancing and appropriate masking remain important and effective public health countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. DHSS continues to encourage anyone age 12 and up to get vaccinated against COVID-19. Get the facts about COVID-19 vaccines and where to get vaccinated at [MOSTopsCovid.com](https://www.mostopsCovid.com).

###

**About the Missouri Department of Health and Senior Services:** The department seeks to be the leader in protecting health and keeping people safe. More information about DHSS can be found at <http://health.mo.gov> or find us on [Facebook](#) and [Twitter](#) @HealthyLivingMo



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---

**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Tuesday, June 15, 2021 7:17 PM  
**Subject:** LPHA Email Update

Good evening,  
Please see the updates and information below...thank you and have a great night!

### [Follow-up from LPHA Update Call – 6/15/21](#)

CDC Variant Tracker - <https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

### [Adult Vaccination Contract Documents](#)

Adult Vaccination Contract documents are now located here:

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

### [Infection Control and Prevention Webinar Series](#)



**Monthly Infection Control  
and Prevention Webinar Series:**  
*What you need to know to keep you,  
your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing  
competency meet*

### [Schedule of Webinars](#)

**June 10 – Inaugural Webinar: Vaccines are Safe – How we know!**

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

### **July 8 - How do COVID vaccines affect immunity to COVID?**

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care, Columbia. Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

### **August 10—Environmental Health: Air Purification and Quality**

*Lole Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements
- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

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[Register Now & More Information](#)

CE Credit

Nursing, Social Work, & Nursing Home Administrators (applied for)

No Fee to Attend



**YOU'RE INVITED**

**SAVE THE DATE**

JUNE 21-25, 2021

11AM-1PM CDT

**THERE IS NO BETTER TIME TO TALK IMMUNIZATIONS!**

Join for educational sessions, dynamic speakers, and networking opportunities. Earn CE, CME, and MOC Credits for your attendance.

[Register](#)

**Featured Speakers:**



Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance -  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** Jackson County CD via State of Missouri Secure Mail <email.secure@oa.mo.gov>  
**Sent:** Monday, June 14, 2021 1:11 PM  
**To:** Wing.Lam@health.mo.gov; Shaffer, Bridgettè A; Conlma, Charles L;  
Patrick.Franklin@health.mo.gov; Jessica.Pearson@health.mo.gov;  
Madison.Foisy@health.mo.gov  
**Subject:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]

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**From:** Jackson County CD via State of Missouri Secure Mail <email.secure@oa.mo.gov>  
**Sent:** Monday, June 14, 2021 1:11 PM  
**To:** Wing.Lam@health.mo.gov; Shaffer, Bridgette A; Cohlmia, Charles L;  
Patrick.Franklin@health.mo.gov; Jessica.Pearson@health.mo.gov;  
Madison.Poiry@health.mo.gov  
**Subject:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** SecureMessageAtt.html



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[Click here](#) by 2021-06-28 13:10 CDT to read your message. The link will expire in 14 days. After that date, open the SecureMessageAtt.html attachment.

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[More info](#)

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**From:** Lam, Wing <Wing.Lam@health.mo.gov>  
**Sent:** Sunday, June 13, 2021 9:49 AM  
**To:** Shaffer, Bridgette A; Cohlman, Charles L; Jackson County CD; Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Subject:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]

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**From:** Lam, Wing <Wing.Lam@health.mo.gov>  
**Sent:** Sunday, June 13, 2021 9:49 AM  
**To:** Shaffer, Bridgette A; Cohlmiia, Charles L; Jackson County CD; Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Subject:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses (encrypt)  
**Attachments:** SecureMessageAtt.html



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[Click here](#) by 2021-06-27 09:49 CDT to read your message. The link will expire in 14 days. After that date, open the SecureMessageAtt.html attachment.

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**From:** Semkiw, Elizabeth <Elizabeth.Semkiw@health.mo.gov>  
**Sent:** Friday, June 11, 2021 2:11 PM  
**To:** Wenzel, Jeff; Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; 'Brenstew33@hotmail.com'; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Durnell, Steve; Echols, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Ben; Heinen, Christina; Hittson, Angie; Hunt, Becky; 'JMcHugh@sccmo.org'; Johnson, Rachelle; 'kfindley@springfieldmo.gov'; 'Khan, Faisal'; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; 'MPAUZA@sccmo.org'; Neblock, Krista; 'NTutlam@stlouisco.com'; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Tanya; Thaut, Mary; Tilley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Vollmar, Kelley; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; 'YAbbyad@sccmo.org'; Thompson, Frank; Talken, Ryan; Young, Mary; Steitz, Christina  
**Subject:** Sewershed variant testing update

Good afternoon,

This week, mutations associated with variants were found in wastewater samples from 23 sewersheds. These samples were collected during the week of May 31<sup>st</sup> at the following locations:

Bonne Terre, Branson, Brookfield, Columbia, Independence, KC-Birmingham, Liberty, Licking, Marshfield, Nixa, O'Fallon, Duckett Creek, Springfield, St. Joseph, St. Louis (Bissell Point, Coldwater Creek, Grand Glaize, and Missouri River), St. Peters, St. Robert, and Union.

At all of these locations, samples contained mutations associated with the UK variant and/or India variant B.1.617.2. In ten communities, mutations were mostly associated with the UK variant. In nine communities, mutations were mostly associated with the India variant. The number of communities with at least some mutations associated with the India variant continued to increase: from 6 locations (week of May 17<sup>th</sup>) to 14 locations (week of May 24<sup>th</sup>) to 16 locations (week of May 31<sup>st</sup>). Please remember that CDC's and DHSS's recommendation is to not use sewershed data as a predictor of variant case rates or variant dominance in a community. There are still a lot of unknowns. CDC and DHSS has more confidence in using sewershed data as an indicator of the absence or presence of these variants in a community.

These data are now available on Box.com. Please let me know if you have any questions.

Thank you,  
Elizabeth

Elizabeth Semkiw  
Environmental Public Health Tracking Program Manager  
Bureau of Environmental Epidemiology  
Missouri Department of Health and Senior Services  
930 Wildwood Dr.  
Jefferson City, MO 65109

(573) 751-6102 or (866) 628-9891  
[elizabeth.semkiw@health.mo.gov](mailto:elizabeth.semkiw@health.mo.gov)

\*\*\*\*\*

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Monday, June 7, 2021 1:44 PM  
**To:** Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; Brenstew33@hotmail.com; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Durnell, Steve; Echo's, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Ben; Heinen, Christina; Hittson, Angie; Hunt, Becky; JMcHugh@sccmo.org; Johnson, Rachelle; Kfindley@springfieldmo.gov; Khar, Palsal; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; MPAUZA@sccmo.org; Neblock, Krista; NTutlam@stlouisco.com; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Semkiv, Elizabeth; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Yanya; Thaut, Mary; Thompson, Frank; Titley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Voilmar, Kelley; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; YAbbyad@sccmo.org  
**Subject:** sewershed variant testing update  
**Attachments:** Sewershed Dashboard 5\_31.pptx

We have a little different update this week from previous.

We tested 25 samples from the week of the May 24<sup>th</sup> using sequencing. Locations include:

Springfield, Neosho, Joplin, Marston, Union West, Branson, Farmington, St Louis, Dexter, Columbia, St Louis, Marshall, Brookfield, Mexico, Marshfield, Macon, Blue Springs, Bolivar, Eldon, West Plains, Licking, and KC.

The last several weeks had the majority of samples containing mostly mutations associated with the UK variant. This week we had 10 locations with mostly UK related mutations. 14 locations had RNA strands with the majority of those strand containing mutations associated with the India variant (B.1.617.2). Please remember that CDC's and DHSS's recommendation is to not use sewershed data as a predictor of variant case rates in a community or dominance in a community. There are still a lot of unknowns.

CDC and DHSS does have more certainty in using this data as an indicator of absence or presence of these variants in a community. From the week of May 17<sup>th</sup> to the week of May 24<sup>th</sup>, the number of communities with India mutations increased from 6 locations to 14.

Our sewershed trend data saw 19 locations with increasing trends. We also saw a slight increase in the total state viral load. (Graphs representing this information is attached.)

This data is now in Box.

Please let me know if you have any questions.

Thank you.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology  
Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109  
(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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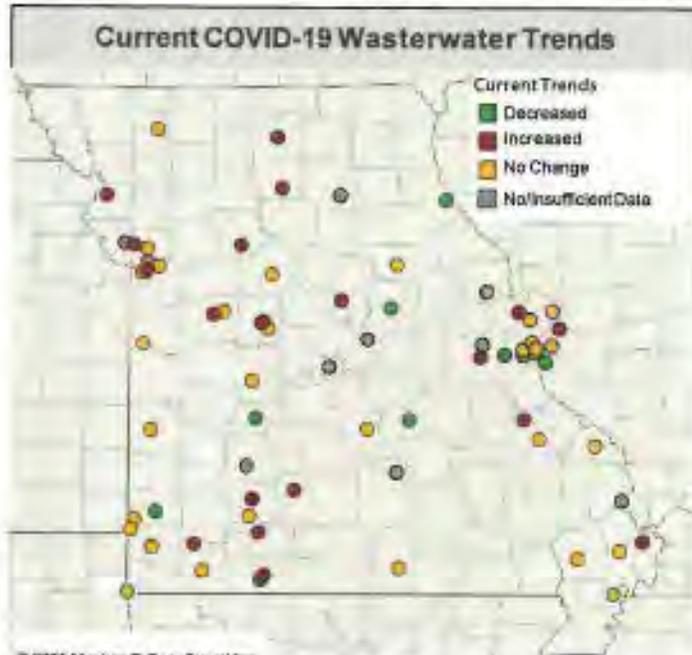
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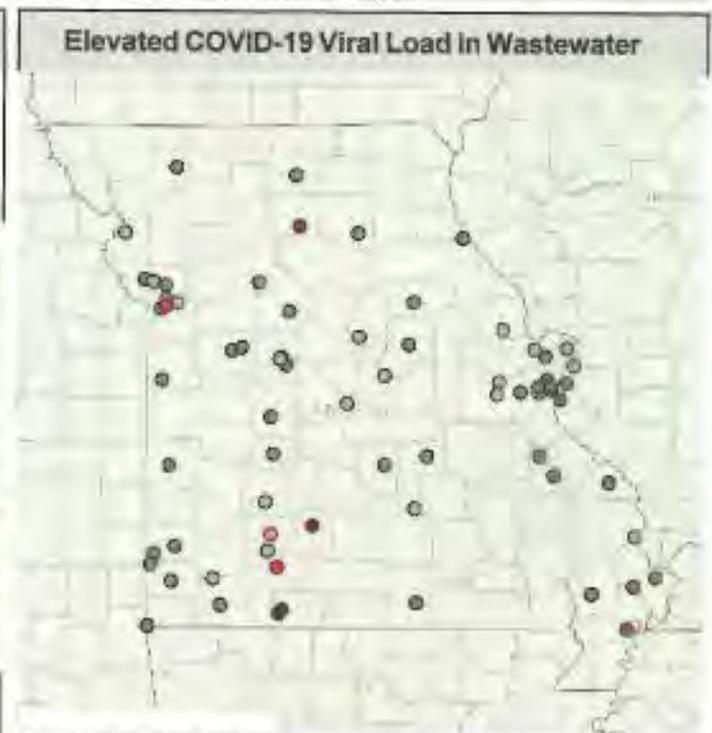
# COVID-19 Wastewater Trends

State of Missouri

NOTE on dates: This dashboard was last updated on 6/4/2021 and includes data through 6/4/2021.



Data represents the change in viral gene copies per day in samples collected on 5/31/2021 from the previous week. "Increased" indicates that viral gene copies either increased by >40% from last week or by >25% over each of the previous two weeks. "Decreased" indicates that viral gene copies have decreased by >25% over each of the previous three weeks or >30% in 2 of the previous 3 weeks. "No Change" indicates that viral gene copies did not meet the criteria for the "Increased" or "Decreased" designations. "No/Insufficient Data" indicates that either no sample was collected or the measured value fell below accurate reporting limits.



Red circles indicate sewer sheds where viral load is significantly higher than previous measures at that location, with darker reds indicating the highest viral load per person. Grey circles indicate sewer shed areas where viral load is not significantly higher than previous measures at that location. The data is based on samples collected on 5/31/2021.

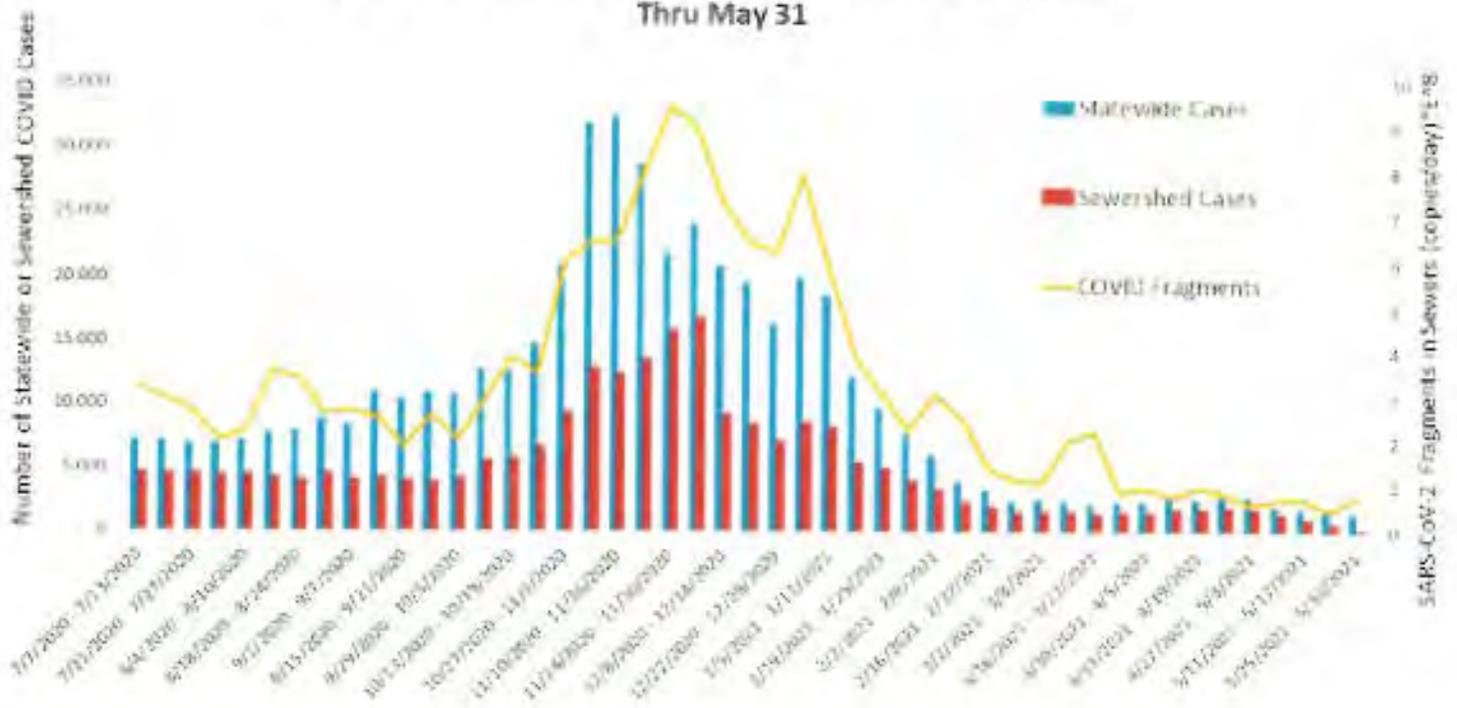
#### Facilities with increasing viral load in wastewater (5/24/21-5/31/21):

- Brookfield WWTP
- Bonne Terre WWTP
- Branson Compton Drive WWTP
- Branson Cooper Creek WWTP
- Charleston WWTP
- Columbia WWTP
- KC Birmingham WWTP
- KC Rocky Branch WWTP
- Marshfield WWTP
- Milan WWTP
- Monett WWTP
- MSD Bissell Point WWTP
- Nixa WWTP
- Sedalia Central WWTP
- Springfield NW WWTP
- St Joseph WWTP
- St Peters Spencer Creek WWTP
- Union West WWTP
- Warrensburg West WWTP

#### Facilities with elevated viral load in wastewater (5/31/2021):

- Branson Compton Drive WWTP
- Branson Cooper Creek WWTP
- Brookfield WWTP
- KC Birmingham WWTP
- Marshfield WWTP
- Marston WWTP
- Nixa WWTP
- Springfield NW WWTP

### State vs Sewershed COVID Cases and SARS-CoV-2 Fragments Thru May 31



---

**From:** Shaffer, Bridgette A  
**Sent:** Thursday, June 17, 2021 9:11 AM  
**To:** Cohlmya, Charles L; Dlugolecki, Ray D  
**Subject:** FW: SGF-Greene Experience with Current Surge

Sharing

**From:** Mooney, Jon <jmooney@springfieldmo.gov>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE <MOCPE@groups.outlook.com>  
**Cc:** larry jones <ldjones611@hotmail.com>; Findley, Kendra <kfindley@springfieldmo.gov>; Yoon, Nancy <nancy.yoon@springfieldmo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone. I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday - 3 days in a row above 100). Our hospitalizations have experienced a similar trend - climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear - we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

We believe this current surge in cases has been due to the Delta variant and now have data that makes this belief more certain. We have had Alpha variant in our community since December 9<sup>th</sup> and believe it was a driving factor behind our increases in December and early January. Beginning in March, our reinfection rate jumped 5 times what it had been in previous months. In May we had our first documented case of the Delta variant. Based on these pieces of information, I believe we had limited circulation of Delta as early as March which has since become the dominant strain. Recent data suggests that in HHS Region 7, Alpha represents 76% and Delta represents 7% of all cases. These percentages have also been shared by DHSS. While this may be the case for the entire state and HHS region, it appears our mix looks very different. In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%!

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**  
Assistant Director  
Springfield-Greene County Health  
O. (417) 874-2556  
[Health.springfieldmo.gov](http://Health.springfieldmo.gov) | [Facebook.com/SGCHD](https://www.facebook.com/SGCHD) | [Twitter.com/SGCHD](https://twitter.com/SGCHD)

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**From:** Dirk <vaxmanager@eceptionist.com>  
**Sent:** Tuesday, June 29, 2021 7:30 AM  
**To:** Shaffer, Bridgette A  
**Subject:** More Vaccine Demand to Come as Employers Begin Mandating Vaccination

[View this email in your browser](#)

VAX  
MANAGER.



## Major Companies Now Requiring Employee Vaccinations

A recent [federal court ruling](#) opened the door for U.S. employers to require their employees to be vaccinated. Companies ranging from [Delta Airlines](#) to the Broadway production of

**VaxManager** have already implemented vaccination mandates for some or all of their employees.

**VaxManager** helps companies, clinics, pharmacies, FQHCs and other organizations of all shapes and sizes prepare for and manage spikes in vaccine demand quickly and reliably.

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**From:** RISE News <info@risehealth.org>  
**Sent:** Saturday, June 26, 2021 7:05 AM  
**To:** Shaffer, Bridgette A  
**Subject:** The Devastating Impact of COVID-19 on Nursing Home Residents

June 26, 2021



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3420 Toringdon Way, Suite 240 • Charlotte, NC 28277

This email was sent to [bridgette.shaffer@tmcmcd.org](mailto:bridgette.shaffer@tmcmcd.org).

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**Subject:** 2021-2022 school year coordination  
**Location:** Zoom  
**Start:** Thu 7/1/2021 3:00 PM  
**End:** Thu 7/1/2021 4:00 PM  
**Show Time As:** Tentative  
**Recurrence:** (none)  
**Organizer:** Amanda Graor

Zoom log in information and original email below – please let me know if you have any questions in advance of the meeting.

Amanda Graor is inviting you to a scheduled Zoom meeting.

**Join Zoom Meeting**

<https://us02web.zoom.us/j/82640509306?pwd=cWhHLLTgLOlFOaUltmalBoVi9oZlRkZlF1OQ>

Meeting ID: 826 4050 9306

Passcode: 981889

One tap mobile

+16465588656,,82640509306#,,, \*981889# US (New York)

+13017158592,,82640509306#,,, \*981889# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 826 4050 9306

Passcode: 981889

Find your local number: <https://us02web.zoom.us/j/82640509306>

Thank you to all who replied so quickly!

July 1, 3-4pm was far and away the most selected time/date, so I will send a calendar invite and a zoom link shortly. Agenda to follow, but the main discussion points will be what was in the original email, found below.

Thanks everyone!

Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

**From:** Amanda Graor  
**Sent:** Tuesday, June 22, 2021 12:14 PM

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester. This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

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**From:** Incident Command Center <incidentcomcenter@tmcmed.org>  
**Sent:** Friday, June 5, 2020 1:56 PM  
**To:** Shaffer, Bridgette A  
**Subject:** TMC COVID-19 - ICC Update 6.5.2020

**TMC COVID-19 - ICC Update 6.5.20**

*This message is for Truman Medical Centers staff only. Do not forward outside of the organization.*

Day 86

- Total Resulted Tests: 10,799
- Total positive COVID test results – 878
- Current positive inpatients – 10 (9 at HSD, 1 at LW)
  
- Just a reminder, starting Monday, we will be transitioning to a Code Delta Level 1 but we are **not** downgrading our focus. We will continue to monitor all aspects of this pandemic as we have been, but will do so with a long term, more sustainable model. We will continue to provide pertinent updates during DTU along with our daily COVID numbers. While the ICC room, inbox and phone line will close, the support will continue. ICC support will remain available and will be managed out of Hospital Administration for both campuses. Any questions should be managed through your normal chain of command. Your senior operational leaders will collaborate with Incident Command support via Hospital Administration at both campuses as appropriate.
  
- We are in need of staffing support in the HSD COVID station tomorrow and Sunday from 8 am to noon. Please call the ICC at 816-404-4460 to share your availability.
  
- **Free Child Care for Ages 5-12** - As an employee, you have access to two great programs from the YMCA of Greater Kansas City: Essential Child Care and Summer Day Camp. These programs are free for your child thanks to funding from Health Forward Foundation. Locations are available across the metro. To register and for more information, call the Y at [816.360.3390](tel:816.360.3390) or visit [KansasCityYMCA.org/essentialcare](http://KansasCityYMCA.org/essentialcare).

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**From:** Incident Command Center <incidentcommandcenter@tmcmcd.org>  
**Sent:** Thursday, June 4, 2020 10:41 AM  
**To:** Shaffer, Bridgette A  
**Subject:** TMC COVID-19 - ICC Update 6.4.20

#### TMC COVID-19 - ICC Update 6.4.20

*This message is for Truman Medical Centers staff only. Do not forward outside of the organization.*

#### Day 85

- Total Resulted Tests: 10,653
- Total positive COVID test results – 871
- Current positive inpatients – 10 total, all at HSD
  
- Starting Monday, we will be transitioning to a Code Delta Level 1 but we are **not** downgrading our focus. We will continue to monitor all aspects of this pandemic as we have been, but will do so with a long term, more sustainable model. We will continue to provide pertinent updates during DTU along with our daily COVID numbers. While the ICC room, inbox and phone line will close, the support will continue. ICC support will remain available and will be managed out of Hospital Administration for both campuses. Any questions should be managed through your normal chain of command. Your senior operational leaders will collaborate with Incident Command support via Hospital Administration at both campuses as appropriate (404-3691 HSD or 404-8015 LW).
  
- The exit bridge at the Health Sciences District (the one nearest to the executive office) is back open and can once again be used as an employee exit.
  
- We will be conducting mobile testing today from 10 am – 2 pm at Journey Church International in Lee's Summit.
  
- Please remember to maintain social distancing in hallways and elevators.
- Also remember to wear a mask at all times unless you are in an office by yourself.
  
- Jeans day on Friday!

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**Subject:** Public Health Directors Meeting  
**Location:** zoom 09 link in body of email  
  
**Start:** Fri 7/23/2021 11:00 AM  
**End:** Fri 7/23/2021 12:00 PM  
**Show Time As:** Tentative  
  
**Recurrence:** (none)  
  
**Organizer:** Marlene Nagel

**Next Meeting - We have changed the Public Health Directors' meeting schedule.** The next meeting will be virtual on Friday, July 23 at 11 am (our old meeting time). Here is a calendar invite.

The agenda for the July 23 meeting is:

1. Discuss After Action Report interest expressed by those at the May meeting
2. Delta Variant – Review current status and communications and other actions underway
3. Essential Functions for Local Public Health and Funding – Steps to advance this work
4. COVID Dashboard – adding Recovery and other changes

**MARCZoom09**

**Address:** <https://marc-kc.zoom.us/j/6576214834?pwd=U0ptVVAraGMlU3psNlU4UXh2czRvZk09>

- You may need to run the Zoom opener to join the meeting.
- This link also works with the Zoom smartphone app.

**Meeting ID:** 657-621-4834

**Passcode:** 075821

**Audio:**

- We encourage the use of **computer audio** especially if you are viewing a webcam or sharing your webcam.
- **Dial Toll Free**
  - 877 853 5247 US Toll-free
  - 888 788 0099 US Toll-free
- **One tap mobile**
  - +13126266799,,6576214834#
  - +16465588656,,6576214834#

The next **IN PERSON** meeting at the MARC offices will be on **Monday, August 2, 2021, at 12 noon over lunch.** We will provide box lunches. Again, we apologize for those of you that tried to participate in the last meeting virtually and we will use a different room with a much improved sound system for this meeting.

Hope everyone has a nice weekend and happy 4<sup>th</sup> holiday.

Marlene

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**From:** Cox, Mariah J  
**Sent:** Wednesday, June 30, 2021 10:30 AM  
**To:** Shaffer, Bridgette A  
**Cc:** Dlugolecki, Ray D  
**Subject:** Media Request

Hi Bridgette,

We received a media request from KSHB 41. They are wondering, with the rise in delta variant cases, if the Jackson County Health Department is considering or looking into enacting a mask mandate.

Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacobhd.org)

(816) 404-8408 | [mariah.cox@fmcmed.org](mailto:mariah.cox@fmcmed.org)

   [www.jacobhd.org](http://www.jacobhd.org)

---

**From:** Marlene Nagel <MNAGEL@MARC.ORG>  
**Sent:** Saturday, June 26, 2021 9:19 AM  
**To:** rex.archer@kcmo.org; jvanlieu; Erin Corriveau; Rita McKoon; sanmi.areola@jocogov.org; Miller, Jamie; Gary Zaborac; dmeinke@clayhealth.com; Shaffer, Bridgette A, Dlugotecki, Ray D; Mary Jo Vernon; Christina Heinen; Morkert, Shawn; Andrew Warlen; dan manley; dan.luebbert@plattehealth.com; Jennifer Sutherlin; Watts, Jennifer, L (MD); Shelby Spor Booker, Amber; Amanda Graor; Catherine Couch; Kristin Johnson-Waggoner; Erin Cardwell; Nicolette Wallis; Mike Parker; Erin Lynch; Jacob Peterson; Lisa Elsas  
**Cc:**  
**Subject:** RE: Public Health Directors Meeting Follow-Up and Next Meeting July 23 at 11 am

**Local Public Health Directors and Staff,**

We were pleased to recognize you and your departments at our virtual Regional Assembly on June 11 and hope most of you were able to join us. If you couldn't make it, the program is on YouTube at <https://www.youtube.com/watch?v=1Kjktlix0WTI>

**Next Meeting - We have changed the Public Health Directors' meeting schedule.** Those present at the MARC offices asked to meet virtually in July, and I'm sorry to time has gotten away from us. We'd like to see if many of you might be available on **Friday, July 23 at 11 am** (our old meeting time). We will use a Zoom link. I will send a meeting calendar invite.

The agenda for the July 23 meeting is:

1. Discuss After Action Report interest expressed by those at the May meeting
2. Delta Variant – Review current status and communications and other actions underway
3. Essential Functions for Local Public Health and Funding – Steps to advance this work
4. COVID Dashboard – adding Recovery and other changes

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Hope everyone has a nice weekend and happy 4<sup>th</sup> holiday.

Marlene

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Friday, June 25, 2021 3:27 PM  
**To:** Allen, Pamela; Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Braco, Craig; Bradley, Debra; 'Brenstew33@hotmail.com'; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayna; Doucette, Emily; Durnell, Steve; Echois, Fredrick; Evers, Sara; Forester, Sylvia; Gilliam, Chris; Godwin, Ben; Heinlen, Christina; Herbert, Mike; Hittson, Angie; House, Liz; Hunt, Becky; JHinrichs@stlouiscountymo.gov; JMcHugh@sccmo.org; Johnson, Rachelle; 'kindley@springfieldmo.gov'; 'Khan, Faisal'; Krouse, Sarah; Lanning, Curtis; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehz, Tony; Mooney, Jan; Morris, Michelle; MPAUZA@sccmo.org; Murray, Lori; Neblock, Krista; NKolenchery@stlouiscountymo.gov; 'NJutlarn@stlouisco.com'; Peak Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linfa; Reynolds, Melissa; Schmidt, Spring; Semkiw, Elizabeth; Shaffer, Bridgette A; Stiefert, Brett; Smith, Jackie; Snyder, Mark; Steitz, Christina; Sutterfield, Evelona; Swain, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Taryn; Thompson, Frank; Tilley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Vernon, Mary Jo; Viebrock, Linda; Vořinar, Kelley; Wann, Ashley; Warlen, Andrew; Weldon, Sherry; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; YAbhyad@sccmo.org; Young, Mary; Zaborac, Gary

**Subject:** Sewershed results from the week of June 14th  
**Attachments:** Sewershed 6-25-2021.xlsx

MU worked very hard this week to get 36 locations tested (most ever) and got it to us early.

Locations tested include:

Rolla, KC, Springfield, Cassville, Neosho, Monett, Joplin, Charleston; Fulton, Milan, St. Peters, Jefferson City, NPSDS, Joplin, St. Louis, Warrensburg, Southwest City, Columbia, St. Joseph, Independence, Brookfield, Mexico, Marshfield, Macon, Bolivar, Eldon, Liberty, KC, Memphis, St Charles county, Marceline, and Chillicothe

All 36 WWTFs we tested this week contained the Delta variant. Keep in mind that this does not mean that the variant is everywhere. We are only sequencing places with enough RNA level for us to do this analysis. There are still many areas where the RNA levels are quite low.

13 locations contained a combination of variants.

It is still my plan to update the storymap with this variant data on Tuesday.

These percentages have shown up on Facebook. The one I know of is Matthew Holloway. This science and data is very new and it is easy to inaccurately interpret or use it in ways that are not supported by science. It also should not be used to compare one location to another. We are currently working with CDC to determine ways to further the use of this data.

Thank you.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology

Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109  
(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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City	Sewershed	Date	Summary	Y/A570D	.452R+T478K	Brazil	SA	NY v.2
Apila		6-15		2%	91%			
KC	KCBLU	6-15		60%	40%			7%
Springfield	Southwest	6-14		30%	70%			
Cassville		6-15		20%	80%			
Neosho		6-16			98%			
Monett		6-14			88%			
Joplin	Turkey Creek	6-15		15%	85%			12%
Charleston		6-16			100%			
Fulton		6-15			100%			
Springfield	NorthWest	6-14		85%	15%			
Milan		6-14		70%	30%			
St. Peters		6-15			100%			
Jefferson City		6-15			100%			
MP5DS		6-15			100%			
Joplin	Shoal Creek	6-15			100%			
St. Louis	Coldwater Creek	6-15		50%	50%			
Warrensburg	West	6-14		30%	70%			
St. Louis	Bissell Point	6-15			100%			
Southwest City		6-15			30%			
Columbia		6-15			100%			
St. Joseph		6-14			100%			
St. Louis	Missouri River	6-15		25%	75%			
Independence	LBVAT	6-16			100%			
Brookfield		6-14			100%			
Mexico		6-16			100%			
Marshfield		6-15			100%			
Macon	East Interceptor	6-14			100%			
Bolivar		6-16			100%			
Eldon		6-16			100%			
Liberty		6-15			100%			
KC	Birmingham	6-15		50%	50%			
KC	Rocky Branch	6-15		40%	60%			

Memphis	6-15	100%
St Charles county	6-14	100%
Duckett Creek #1	6-15	100%
Marceline	6-16	100%
Chillicothe		

---

**From:** Gary Zaborac <gzaborac@clayhealth.com>  
**Sent:** Friday, June 25, 2021 3:00 PM  
**To:** Evers, Sara; larry jones; MOCPHE  
**Subject:** RE: variant testing

Thanks Sara!

**GARY E. ZABORAC**  
Director of Public Health

800 Haines Drive | Liberty, MO 64068  
p. 816-595-4202 | f. 816-595-4201  
[clayhealth.com](http://clayhealth.com) | [Facebook](#) | [Twitter](#)



CLAY COUNTY

**PUBLIC HEALTH CENTER**



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**From:** Evers, Sara <SEvers@sccmo.org>  
**Sent:** Friday, June 25, 2021 2:58 PM  
**To:** larry jones <ldjones611@hotmail.com>; MOCPHE <MOCPHE@groups.outlook.com>  
**Subject:** variant testing

We were able to arrange variant testing with Honu Management. We have had a testing contract with them since last April or May. Their Lab in Texas has the ability to test variants, in May they were only running variants once per week when they had enough samples.

Thanks!  
Sara

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**From:** larry jones <ldjones611@hotmail.com>  
**Sent:** Wednesday, June 23, 2021 10:00 PM

**To:** MOCPHE <[MOCPHE@groups.outlook.com](mailto:MOCPHE@groups.outlook.com)>; Crumbliss, Adam <[Adam.Crumbliss@health.mo.gov](mailto:Adam.Crumbliss@health.mo.gov)>; Lori Brenneke <[lori.brenneke@health.mo.gov](mailto:lori.brenneke@health.mo.gov)>; Tiffany Bayer <[tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)>; Suzanne Resnick <[sresnick@cdcfdoundation.org](mailto:sresnick@cdcfdoundation.org)>; Malloy, Andrea <[amalloy@CDCFoundation.org](mailto:amalloy@CDCFoundation.org)>; Dorothy Evans <[devans@cdcfdoundation.org](mailto:devans@cdcfdoundation.org)>  
**Subject:** Friday's MOCPHE Agenda

**CAUTION:** This email originated from outside of St. Charles County Government. Always use **CAUTION** when opening attachments or clicking links from unknown senders or when receiving unexpected emails. - IS Dept.

Attached is the agenda for this week's meeting. If you have any additional items please let me know. See you on Friday.

Larry D. Jones, MPH

Executive Director

Missouri Center for Public

Health Excellence

[www.mocphe.org](http://www.mocphe.org)

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**Subject:** variant testing

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Sara

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**From:** larry jones <ldjones611@hotmail.com>  
**Sent:** Wednesday, June 23, 2021 10:00 PM  
**To:** MOCPHE <MOCPHE@groups.outlook.com>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>; Lori Brenneke <lori.brenneke@health.mo.gov>; Tiffany Bayer <tiffany.bayer@health.mo.gov>; Suzanne Resnick <sresnick@cdcfoundation.org>; Malloy, Andrea <amalloy@CDCFoundation.org>; Dorothy Evans <devans@cdcfoundation.org>  
**Subject:** Friday's MOCPHE Agenda

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Attached is the agenda for this week's meeting. If you have any additional items please let me know. See you on Friday.

Larry D. Jones, MPH

Executive Director

Missouri Center for Public

Health Excellence

[www.mocphe.org](http://www.mocphe.org)

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**From:** Cox, Mariah J  
**Sent:** Thursday, June 24, 2021 12:13 PM  
**To:** Cohlmia, Charles L; Dlugolecki, Ray D; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** Re: Delta Variant Social Media Statement

Yeah! I think that's a good idea.

## **Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](#)

(816) 404-8408 | [mariah.cox@tmcmed.org](mailto:mariah.cox@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** "Cohlmia, Charles L" <[Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)>

**Date:** Thursday, June 24, 2021 at 11:42 AM

**To:** "Cox, Mariah J" <[Mariah.Cox@tmcmed.org](mailto:Mariah.Cox@tmcmed.org)>, "Dlugolecki, Ray D" <[Ray.Dlugolecki@tmcmed.org](mailto:Ray.Dlugolecki@tmcmed.org)>, "Shaffer, Bridgette A" <[Bridgette.Shaffer@tmcmed.org](mailto:Bridgette.Shaffer@tmcmed.org)>

**Cc:** "Bowler, Ann" <[Ann.Bowler@tmcmed.org](mailto:Ann.Bowler@tmcmed.org)>

**Subject:** RE: Delta Variant Social Media Statement

Would it be worth it to have a link to our vaccination clinics?

## **Charles Cohlmia, MPH**

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](#)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** Cox, Mariah J <[Mariah.Cox@tmcmed.org](mailto:Mariah.Cox@tmcmed.org)>

**Sent:** Thursday, June 24, 2021 11:38 AM

**To:** Dlugolecki, Ray D <[Ray.Dlugolecki@tmcmed.org](mailto:Ray.Dlugolecki@tmcmed.org)>; Cohlmia, Charles L <[Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)>; Shaffer, Bridgette A <[Bridgette.Shaffer@tmcmed.org](mailto:Bridgette.Shaffer@tmcmed.org)>

**Cc:** Bowler, Ann <[Ann.Bowler@tmcmed.org](mailto:Ann.Bowler@tmcmed.org)>

**Subject:** Delta Variant Social Media Statement

Hi all,

Here's the Delta variant social media statement Ann and I put together. Please provide your feedback.

The Delta variant now accounts for a fifth of recent COVID-19 cases nationwide and has been reclassified by CDC as a "variant of concern" in the United States. This strain is highly transmissible and is twice as likely to cause serious illness and hospitalizations among those who are unvaccinated.

Currently, Missouri has the highest rate of new COVID-19 cases in the country. Jackson County has seen a slight increase in case rates at this time. We encourage you to be proactive in protecting yourself and your community. If you are not yet fully vaccinated, continue wearing masks and social distancing.

Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmed.org](mailto:mariah.cox@tmcmed.org)

   [www.jacohd.org](http://www.jacohd.org)

---

**From:** Cohlmiia, Charles L  
**Sent:** Thursday, June 24, 2021 11:43 AM  
**To:** Cox, Mariah J; Dlugolecki, Ray D; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** RE: Delta Variant Social Media Statement

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**Charles Cohlmiia, MPH**

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlmiia@tmcmcd.org](mailto:Charles.Cohlmiia@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

**From:** Cox, Mariah J <Mariah.Cox@tmcmcd.org>  
**Sent:** Thursday, June 24, 2021 11:38 AM  
**To:** Dlugolecki, Ray D <Ray.Dlugolecki@tmcmcd.org>; Cohlmiia, Charles L <Charles.Cohlmiia@tmcmcd.org>; Shaffer, Bridgette A <Bridgette.Shaffer@tmcmcd.org>  
**Cc:** Bowler, Ann <Ann.Bowler@tmcmcd.org>  
**Subject:** Delta Variant Social Media Statement

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Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmcd.org](mailto:mariah.cox@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

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**Sent:** Thursday, June 24, 2021 11:38 AM  
**To:** Dlugolecki, Ray D; Cohlmia, Charles L; Shaffer, Bridgette A  
**Cc:** Bowler, Ann  
**Subject:** Delta Variant Social Media Statement

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Thank you,

**Mariah Cox**

*Communications Coordinator*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jacohd.org)

(816) 404-8408 | [mariah.cox@tmcmcd.org](mailto:mariah.cox@tmcmcd.org)

   [www.jacohd.org](http://www.jacohd.org)

---

**From:** Brenneke, Lori <Lori.Brenneke@health.mo.gov>  
**Sent:** Wednesday, June 23, 2021 6:41 PM  
**Subject:** LPHA Daily Email for June 23, 2021

Good evening!

Thanks to all who could join us yesterday on the 4p.m. LPHA call as Adam presented the recommendations of the Public Health Improvement and Transformation work as presented to the Governor on June 15, 2021. As with our regular weekly calls, the call presentation slides have been posted to the [LPHA COVID Resources page](#). Adam will use the call next week to engage in conversation regarding the recommendations.

Today, Dr. George Turabelidze, Missouri State Epidemiologist with DHSS, discussed the current status of the COVID-19 Delta variant in Missouri. [Listen here](#).

If you have not done so already, please mark some time on your calendar to complete the LPHA Region survey: <https://survey123.arcgis.com/share/a3bef683de5c4b7aa1e0fcb523b239f?portalUrl=https://mopgh.maps.arcgis.com>

This survey must be done using Google Chrome in order to access complete functionality.

Have a good evening,  
Lori

*Lori Brenneke*

Deputy Director

Division of Community and Public Health

(573)751-1928

**Public Health: Better Health. Better Missouri.**

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**From:** Amanda Graor <agraor@MARC.ORG>  
**Sent:** Wednesday, June 23, 2021 4:14 PM  
**To:** Archer, Rex; Dlugolecki, Ray D; Ashley Wegner; taylorh@casscounty.com; Corriveau, Erin; Marlene Nagel; John Allison; Jeremy Tucker; Kenny Southwick; Donna McDaniel; Dan Luebbert; Jacob Peterson; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo, L; Watts, Jennifer, L (MD); Kim Trang; Groenweghe, Elizabeth; Elizabeth Yoder; agreiner@kumc.edu; jvanliew; Sanmi.Areola@jocogov.org; 'Gary Zaborac'; Mary Jo Vernon; Laura Evans; Shaffer, Bridgette A; andreww@casscounty.com; Jeremy Tucker; david.buck@lsr7.net; Goldman, Jennifer, L; Erin Cardwell; Wilkinson, Tiffany; Pekarsky, Michelle; Thompson, Frank; Jones, Marvia; Booker, Amber; Schuster, Jennifer, E; lisa.mertz@kcmo.org  
**Subject:** RE: Fall 2021 School Year Preparation

Thank you to all who replied so quickly!

July 1, 3-4pm was far and away the most selected time/date, so I will send a calendar invite and a zoom link shortly. Agenda to follow, but the main discussion points will be what was in the original email, found below.

Thanks everyone!  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.tribe.org](http://www.tribe.org)

**From:** Amanda Graor  
**Sent:** Tuesday, June 22, 2021 12:14 PM  
**To:** Archer, Rex <rex.archer@kcmo.org>; Dlugolecki, Ray D <Ray.Dlugolecki@tmcmcd.org>; Ashley Wegner <awegner@clayhealth.com>; taylorh@casscounty.com; Corriveau, Erin <ecorriveau@kumc.edu>; Marlene Nagel <MNAGEL@MARC.ORG>; John Allison <jallison@olatheschools.org>; Jeremy Tucker <jeremy.tucker@lps53.org>; Kenny Southwick <ksouthwick@csdgkc.org>; Donna McDaniel <dmcDaniel@kauffman.org>; Dan Luebbert <dan.luebbert@plattehealth.com>; Jacob Peterson <jpeterson@marc.org>; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo, L <mlquiriconi@cmh.edu>; Watts, Jennifer, L (MD) <jwatts@cmh.edu>; Kim Trang <ktrang@clayhealth.com>; Groenweghe, Elizabeth <egroenweghe@wycokck.org>; Elizabeth Yoder <eyoder@clayhealth.com>; agreiner@kumc.edu; Juliann Van Liew <jvanliew@wycokck.org>; Sanmi.Areola@jocogov.org; 'Gary Zaborac' <gzaborac@clayhealth.com>; Mary Jo Vernon <maryjo.vernon@plattehealth.com>; Laura Evans <levans@kauffman.org>; Shaffer, Bridgette A <bridgette.shaffer@tmcmcd.org>; andreww@casscounty.com; Jeremy Tucker <e10115@lps53.org>; david.buck@lsr7.net; Goldman, Jennifer, L <jlgoldman@cmh.edu>; Erin Cardwell <ecardwell@marc.org>; Wilkinson, Tiffany <Tiffany.Wilkinson@kcmo.org>; Pekarsky, Michelle <Michelle.Pekarsky@kcmo.org>; Thompson, Frank <frank.thompson@kcmo.org>; Jones, Marvia <Marvia.Jones@kcmo.org>; Booker, Amber <Amber.Booker@kcmo.org>  
**Subject:** Fall 2021 School Year Preparation

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester.

This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

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**From:** Jennifer Sutherlin <[jsutherlin@MARC.ORG](mailto:jsutherlin@MARC.ORG)>  
**Sent:** Wednesday, June 23, 2021 3:43 PM  
**To:** [john.whitaker@health.mo.gov](mailto:john.whitaker@health.mo.gov); Wells, Carolyn; [jwatts@cmh.edu](mailto:jwatts@cmh.edu); [ktraylor@kchospice.org](mailto:ktraylor@kchospice.org); Thompson, Elijah; Jeff Taylor (City of Riverside); Jennifer Sutherlin; [msoule@cmh.edu](mailto:msoule@cmh.edu); Shaffer, Bridgette A; David Schemenauer; Prough, Amanda, DHE; Chip Portz; Vickie Phillips; Moncure, Michael; Bill Moberly; [jmiller@leavenworthcounty.gov](mailto:jmiller@leavenworthcounty.gov); Joann.martin@lpha.mo.gov; [amarshall4@kumc.edu](mailto:amarshall4@kumc.edu); Erin Lynch; Lammers, Steven; [tjones@fitzgibbon.org](mailto:tjones@fitzgibbon.org); [RJacobsen@jocogov.org](mailto:RJacobsen@jocogov.org); Hoeger, Steven M; Ryan Hicks; Steven Tom Hensley; [jdevaul@raycountyhospital.com](mailto:jdevaul@raycountyhospital.com); KS Metro HCC; [dcollins@saint-lukes.org](mailto:dcollins@saint-lukes.org); [gdchristian@saint-lukes.org](mailto:gdchristian@saint-lukes.org); [erica.carney@kcmo.org](mailto:erica.carney@kcmo.org); [kyle.burns@jocoems.org](mailto:kyle.burns@jocoems.org); [jboss@jocoems.org](mailto:jboss@jocoems.org); [mbehringer@bcmhospital.com](mailto:mbehringer@bcmhospital.com); Carol Ayres  
**Cc:** Mike Parker; covidhub  
**Subject:** Delta Variant health alert from DHSS  
**Attachments:** MO HAN\_Delta variant\_06 23 2021.pdf

Good Afternoon HCC Steering,  
I wanted to share this alert with you, in case you did not receive.  
This is also posted in EMResource.

**Jennifer Sutherlin, MPH, BSN**  
Emergency Services Health and Medical Program Manager  
Mid-America Regional Council  
600 Broadway Suite #200 | Kansas City, MO 64105-1659  
Office 816-701-8362 | [www.tamcc.org](http://www.tamcc.org)

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## Health Advisory:

### Emergence of Delta Variant of Coronavirus Causing COVID-19 in USA

06.23.2021

This document will be updated as new information becomes available. The current version can always be viewed at <http://www.health.mo.gov>.

The Missouri Department of Health and Senior Services (DHSS) is now using four types of documents to provide important information to medical and public health professionals, and to other interested persons:

**Health Alerts** convey information of the highest level of importance which warrants immediate action or attention from Missouri health providers, emergency responders, public health agencies, and/or the public.

**Health Advisories** provide important information for a specific incident or situation, including that impacting neighboring states; may not require immediate action.

**Health Guidance** contain comprehensive information pertaining to a particular disease or condition, and include recommendations, guidelines, etc. endorsed by DHSS.

**Health Updates** provide new or updated information on an incident or situation; can also provide information to update a previously sent Health Alert, Health Advisory, or Health Guidance; unlikely to require immediate action.

Office of the Director  
912 Wildwood  
P.O. Box 570  
Jefferson City, MO 65102  
Telephone: 800-392-0272  
Fax: 573-751-6041

Website: <http://www.health.mo.gov>

Health Advisory  
06.23.2021

**FROM:** Robert Knodell, DHSS Acting Director

**SUBJECT:** Emergence of Delta Variant of Coronavirus Causing COVID-19 in USA

The Missouri Department of Health and Senior Services (DHSS) is issuing this Health Advisory to provide the latest information regarding the emergence of the Delta variant. The increase in this highly transmissible variant underscores the importance of continued testing for COVID-19 for patients with compatible symptoms, as well as individuals who are not fully vaccinated and have been exposed to SARS-CoV-2 but may be asymptomatic. Social distancing and appropriate masking remain very important countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. The DHSS continues to encourage all eligible persons to get vaccinated against COVID-19.

The Delta variant (B.1.617.2, formerly India variant) of COVID-19 causing coronavirus originated and rapidly spread in India, and is emerging in the United States, as well as in many other countries. On June 15, 2021, the CDC named Delta variant a variant of concern (VOC) in the United States. As of mid-June 2021, the CDC estimates the Delta variant is accounting for 20% of new cases in the United States. The variant virus proportions estimate based on the CDC sequence data of human samples shows the highest proportion of cases is in HHS Region 7 (Missouri, Kansas, Iowa, and Nebraska), comprising 34.8% of all variant viruses detected. This is an increase from 1.6% just one month ago. Genetic surveillance of COVID-19 cases by the Missouri DHSS in collaboration with the University of Missouri detected at least one case of Delta virus in 35 counties across all regions of the State. The highest proportion of Delta virus is detected in the Southwest region of the State, which accounts for just over 67% of all Delta variants identified. The ongoing DHSS surveillance of sewage samples, most recently available from 23 wastewater treatment facilities across the state, reveals presence of Delta virus at 16 locations.

Viral mutations naturally occur in the genome of many viruses, including SARS-CoV-2 which causes COVID-19. Unlike the human genome which is slow to mutate, RNA viruses, such as SARS-CoV-2, are able to quickly mutate. Once the mutation occurs, it may alter the viral function (for example, enhance receptor binding), or may have no effect on how virus functions. A new virus variant emerges when the virus develops one or more mutations that differentiate it from the predominant virus variants circulating in a population.

Accumulating data shows that Delta virus may have increased binding with human ACE receptors and increased transmissibility when compared to previously emerged variant viruses. New Public Health England (PHE) research suggests the Delta variant is associated with a 64% increased risk of household transmission compared with the Alpha variant (B.1.1.7, formerly UK variant), and is 40% more transmissible outdoors. Analysis of data from Scotland just published in *The Lancet* indicated that Delta variant approximately doubles the risk of hospitalization compared with the Alpha variant.

Variants of concern, such as Delta virus, may also reduce vaccine effectiveness, which may be evident by a high number of vaccine breakthrough cases or a very low vaccine-induced protection against severe disease. One recent study revealed that Delta variant is 6.8-fold more resistant to neutralization by sera from COVID-19 convalescent and mRNA vaccinated individuals. A pre-print study released by PHE on May 22, 2021 found that two doses of the Pfizer-BioNTech vaccine were 88% effective against symptomatic infection with the Delta variant versus 93.4% for the Alpha variant. However, one dose was only 33% effective against symptomatic infection with the Delta variant versus 50% for the Alpha variant. The PHE data also shows the Pfizer/BioNTech vaccine is 96% effective against hospitalization, after two doses, in those who experience Delta virus infection. These new findings underscore importance of receiving two doses of COVID-19 vaccination and adhering to the typical regimen of injections.

Clinical knowledge regarding differences in symptoms caused by the Delta virus infection is currently limited. According to the patient data from the UK where the Delta variant now accounts for 91% of the Covid-19 cases, disease caused by this variant may not present in typical fashion with cough and fever. An ongoing U.K.-based study (Zoe Covid Symptom Study) enables public to enter their COVID symptoms on a smartphone application for the scientists to then analyze the data.

Analysis of such data shows that top symptoms of Delta variant infection are headache, followed by runny nose and sore throat, while fever and cough were less common; loss of smell was not in the top ten. Most cases were in young people who had not yet been vaccinated, and that the variant appeared to be far more transmissible with every person infecting several others. Implication of such findings is that infected persons may not perceive themselves as having COVID-19 symptoms and not seek healthcare accordingly; and health providers may not pursue an appropriate testing.

The Missouri DHSS urges health care providers and the public to be vigilant for the possibility of Delta virus infection. Social distancing and appropriate masking remain very important countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. The DHSS continues to encourage all eligible persons to get vaccinated against COVID-19.

*Missouri healthcare providers and public health practitioners: Please contact your local public health agency or the Missouri Department of Health and Senior Services' (DHSS') Bureau of Communicable Disease Control and Prevention at 573-751-6113 or 800-392-0272 (24/7), with questions regarding this health advisory.*

---

**From:** no-reply@appmail.juware.com  
**Sent:** Wednesday, June 23, 2021 1:51 PM  
**To:** Shaffer, Bridgette A  
**Subject:** EMResource - DHSS HAd: Emergence of Delta Variant

Event Notice for: Jackson County Health Department  
Information: Emergence of Delta Variant of Coronavirus Causing COVID-19 In USA

See attached document at  
[https://urldefense.com/v3/\\_\\_https://emresource.juware.com/DL?key=Hs3NNvGU7hAx8RVs01zR6YjExiG82ceG&rid=680015&oid=1861\\_\\_!iDKyW9jE!wjDDjVzfHOGfWxZVv6sS7D7SiuwWnt7PhVElnfVOg\\_BE2V6HG95G5GfB1qtcRCZT03SfdA\\$](https://urldefense.com/v3/__https://emresource.juware.com/DL?key=Hs3NNvGU7hAx8RVs01zR6YjExiG82ceG&rid=680015&oid=1861__!iDKyW9jE!wjDDjVzfHOGfWxZVv6sS7D7SiuwWnt7PhVElnfVOg_BE2V6HG95G5GfB1qtcRCZT03SfdA$)

From: Department of Health and Senior Services 1

Regions: State of Missouri, zzzSt: L, Psych

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**From:** Amanda Graor <agraor@MARC.ORG>  
**Sent:** Tuesday, June 22, 2021 12:14 PM  
**To:** Archer, Rex; Dlugolecki, Ray D; Ashley Wegner; taylorh@casscounty.com; Corriveau, Erin; Marlene Nagel; John Allison; Jeremy Tucker; Kenny Southwick; Donna McDaniel; Dan Luebbert; Jacob Peterson; elizabeth.holzschuh@jocogov.org; Quiriconi, Margo; L Watts, Jennifer, L (MD); Kim Trang; Groenweghe, Elizabeth; Elizabeth Yoder; agreiner@kumc.edu; jvanliew; Sanmi.Areola@jocogov.org; Gary Zaborac; Mary Jo Vernon; Laura Evans; Shaffer, Bridgette A; andreww@casscounty.com; Jeremy Tucker; david.buck@lsc7.net; Goldman, Jennifer, L; Erin Cardwell; Wilkinson, Tiffany; Pekarsky, Michelle; Thompson, Frank; Jones, Marvia; Booker, Amber  
**Subject:** Fall 2021 School Year Preparation

Good afternoon everyone!

With the under 12 population still not eligible for vaccination, increase in spread of the Delta variant and the 2021-22 school year fast approaching (approximately 8 weeks from now for most districts), there has been some discussion about starting early on what data or support needs we can organize around in advance of the start of the fall semester. This distribution list is made up of the group that was gathering last fall/earlier this year on the school gating criteria considerations. I have not heard a desire for more gating criteria considerations, but would like to revive the coordination discussion with those interested so we can identify opportunities that may exist for next school year.

Please let me know which (any or all) of these dates/times work for you, or if you would like to be removed from this distribution list. Additionally, if there is someone else you think should be added, either from your team or from another organization, please let me know that as well!

Thursday, July 1 – 2-3pm  
Thursday, July 1 – 3-4pm  
Thursday, July 8 – 2-3pm  
Friday, July 9 – 9-10am  
Monday, July 12 – 2-3pm  
Monday, July 12 – 3-4pm

**This meeting will be held virtually.**

Thanks,  
Amanda

Amanda Graor | Chief Innovation Officer  
Mid-America Regional Council  
600 Broadway Blvd., Ste. 200 | Kansas City, MO | 64105  
816.701.8333 | [www.marc.org](http://www.marc.org)

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**From:** APHA <apha@apha.org>  
**Sent:** Tuesday, June 22, 2021 11:00 AM  
**To:** Shaffer, Bridgette A  
**Subject:** June 23 webinar - COVID-19 and Global Vaccine Equity



Don't miss tomorrow's free webinar.

COVID-19 Conversations Webinar Series

# Tale of Two Pandemics: COVID-19 and Global Vaccine Equity

June 23, 2021 | 5 – 6:30 p.m. ET

[Register to attend the free webinar](#)

The twentieth COVID-19 Conversations webinar will provide an update on the current state of COVID-19 globally, focusing specifically on Brazil, India and South Africa, and will also review lessons we can learn from previous global vaccination campaigns in ensuring that all countries have adequate supplies of COVID-19 vaccines.

The webinar will begin with an introduction from the session's moderator, **Helene Gayle**, The Chicago Community Trust, and then feature a conversation with a panel of experts, including:

- **Beatriz Grinsztejn**, Evandro Chagas National Institute of Infectious Diseases-Oswaldo Cruz Foundation
- **Gagandeep 'Cherry' Kang**, Christian Medical College
- **Salim Abdool Karim**, Centre for the AIDS Programme of Research in South Africa (CAPRISA) and Columbia University
- **William Foege**, Rollins School of Public Health, Emory University

The panel discussion will be followed by a Q&A session with the webinar audience.

This webinar has been approved for 1.5 **continuing education credits for CPH, CME, CNE or CHES**. Several days after attending the webinar, participants will receive an email with info on how to complete the online evaluation and claim their credits.

## Recordings Now Available for All Previous Webinars



Watch free recordings of our webinars focused on social distancing, emerging evidence, crisis standards of care, testing, health equity, reopening America, mitigating indirect impacts, the road to immunity, clinical trials and therapeutics, reopening colleges and universities, managing ongoing surges, returning to K-12 education, testing and contact tracing, an update on vaccines, the realities of next steps for vaccines, a new year of COVID-

19, and variants and vaccines, as well as our most recent webinar on [learning to live with COVID-19](#).

Transcripts and slide presentations are also available for all webinars in this series.

The "COVID-19 Conversations" series of rapid-response webinars from the National Academy of Medicine and the American Public Health Association is addressing the state of the science on COVID-19 and exploring emerging evidence on how to best mitigate its impact.

Led by a panel of expert advisors chaired by Carlos del Rio and Nicole Lurie, the series features trusted experts in such fields as public health, infectious disease, risk communication, and crisis standards of care. The series is providing trustworthy scientific analysis of important developments in the COVID-19 response to inform policymakers, public health practitioners, clinicians, business leaders and scientists.

All webinars will be recorded and posted on our website.

## Help us spread the word!



Tweet this! Join @theNAMedicine and @PublicHealth for a free webinar on 6/23 that will feature conversations about the state of the pandemic globally, and how we can effectively vaccinate the world against #COVID19: <https://www.covid19conversations.org/> #COVID19Conversations



Tweet this! A free 6/23 webinar will review the state of #COVID19 in Brazil, India, and South Africa and explore what lessons we can learn from previous global vaccination campaigns in vaccinating the world against #COVID19: <https://www.covid19conversations.org/> #COVID19conversations



## The National Academies of Medicine and APHA are responding to the COVID-19 outbreak

To learn more, visit:

- [NAM Coronavirus Resources](#)
- [APHA COVID-19](#) and [Get Ready](#) pages and our coronavirus post series on *Public Health Newswire*

[Sign up for future COVID-19 and infectious disease info from APHA](#)

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Monday, June 21, 2021, 3:17 PM  
**To:** Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terri; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; Brenstew33@hotmail.com; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Dumell, Steve; Echois, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Dan; Heinen, Christina; Hittson, Angie; House, Liz; Hunt, Becky; JHirrichs@stlouiscountymo.gov; JMCHugh@sccmo.org; Johnson, Rachelle; Kfindley@springfieldmo.gov; Khan, Faisal; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; MPAUZA@sccmo.org; Neblock, Krista; Nkolenchery@stlouiscountymo.gov; NTullam@stlouisco.com; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Semkiw, Elizabeth; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Steitz, Christina; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Tanya; Thompson, Frank; Tilley, Ryan; Turabelidze, George; Yuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Vollmar, Kelsey; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; YAbbyad@sccmo.org; Young, Mary  
**Subject:** Week 17 of sewershed testing for mutations  
**Attachments:** Week 17.xlsx

I have several updates for you this week.

- We continue pushing ourselves to test for mutations in more and more locations. This week we were able to test 30 locations.
- Last week we reported that we saw the Delta variant in 14 out of 23 locations we tested. This week we saw the Delta variant in 27 of the 30 locations we tested.

#### Storymap

- We have been updating the variant section of the storymap on Fridays. Starting this week, we plan to start updating the storymap on Tuesdays. If for some reason we are not able to provide you an update on Mondays, we will make sure you have notice and wait until the following day to update the storymap.
- For the storymap and Box, we will start transitioning to the greek names assigned to the variants.

#### Press

- NBC interviewed MU on Thursday and aired that nationally on Friday. This seems to have increased interest in media interest in the project. So if you are asked questions, this may be what is triggering that. I was interviewed by the Kansas City Star today. Tomorrow I have an interview from Channel 8 out of Columbia.

Please let me know if you have any questions.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology  
Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109

(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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UK B.1.617.2 dia of NY  
 Date Summary: V/A570D R+T478K L452R  
 Brazil SA NY V.2  
 E484K IK/N501Y IK/N501Y 5477N

City: watershed Date Summary: V/A570D R+T478K L452R

City	watershed	Date	Summary	V/A570D	R+T478K	L452R	Brazil	SA	NY V.2
005	Springfield SW	6-7	India			100%			
009	Monett	6-7	India			100%			
010	Joplin Turkey Cre	6-8	India			100%			
011	Warrensbl East	6-7	India and I	35%		55%			
016	Uholo West	6-8	UK	100%					
020	Branson Cooper Cr	6-8	India			100%			
022	Springfield MW	6-7	India			100%			
026	Jeff City	6-8	India and I	10%		90%			
028	Joplin Shoal Cree	6-8	India and P.1			70%			
032	Indendent Rock Cree	6-8	India and I	20%		80%			30%
033	St.Louis Coldwater	6-8	India and I	40%		60%			
034	Warrensbl West	6-7	UK and Inc	80%		20%			
044	Columbia	6-8	UK and Inc	90%		10%			
045	St.Louis Lower Mer	6-8	India and I	10%		50%			
047	Marshall	6-9	India and I	5%		95%			
048	St.Joseph	6-7	India			100%			
050	Indendent LBVAT	6-8	UK and Inc	65%		35%			
051	Branson Compton I	6-8	UK and Inc	60%		40%			
052	Brookfield	6-8	India			100%			
056	Mexico	6-9	India and I	5%		95%			
058	Marshfield	6-8	India and I	40%		60%			
059	Nixa	6-7	India and I	15%		85%			
070	Nevada	6-7	India			100%			
104	Blue Springs	6-3	India			100%			
111	Eldon	6-9	India			100%			
115	Ucking	6-7	India			100%			
119	KC Fishing Riv	6-7	UK and NY	50%					50%
126	Washington	6-7	UK	100%					
127	Platte City	6-7	India			100%			
134	Duckett Cr WWTF #2	6-7	India			100%			

---

**From:** APHA <apha@apha.org>  
**Sent:** Friday, June 18, 2021 1:10 PM  
**To:** Shaffer, Bridgette A  
**Subject:** COVID-19 Conversations: A Tale of Two Pandemics: COVID-19 and Global Vaccine Equity - Webinar



COVID-19 Conversations Webinar Series

## Tale of Two Pandemics: COVID-19 and Global Vaccine Equity

June 23, 2021 | 5 – 6:30 p.m. ET

The twentieth COVID-19 Conversations webinar will provide an update on the current state of COVID-19 globally, focusing specifically on Brazil, India and South Africa, and will also review lessons we can learn from previous global vaccination campaigns in ensuring that all countries have adequate supplies of COVID-19 vaccines.

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- **Beatriz Grinsztejn**, Evandro Chagas National Institute of Infectious Diseases-Oswaldo Cruz Foundation
- **Gagandeep 'Cherry' Kang**, Christian Medical College

- **Salim Abdool Karim**, Centre for the AIDS Programme of Research in South Africa (CAPRISA) and Columbia University
- **William Foege**, Rollins School of Public Health, Emory University

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**Register to attend the free webinar**

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Watch free recordings of our webinars focused on social distancing, emerging evidence, crisis standards of care, testing, health equity, reopening America, mitigating indirect impacts, the road to immunity, clinical trials and therapeutics, reopening colleges and universities, managing ongoing surges, returning to K-12 education, testing and contact tracing, an update on vaccines, the realities of next steps for vaccines, a new year of COVID-

19 and variants and vaccines, as well as our most recent webinar on learning to live with COVID-19. Transcripts and slide presentations are also available for all webinars in this series.

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All webinars will be recorded and posted on our website.

## Help us spread the word!



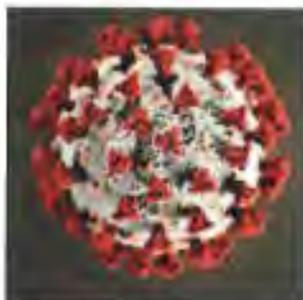
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Tweet this! A free 6/23 webinar will review the state of #COVID19 in Brazil, India, and South Africa and explore what lessons we can learn from previous global vaccination campaigns in vaccinating the world against #COVID19: <https://www.covid19conversations.org/> #COVID19conversations



Tweet this! #COVID19Conversations will be moderated by @helenogayle, include updates on the global state of #COVID19 from @BeatrizGrinszt2, @GKanglnd, and @ProfAbdoolKarim, and a keynote on what we can learn from past pandemics from Bill Foege: <https://www.covid19conversations.org/> #COVID19conversations



## The National Academies of Medicine and APHA are responding to the COVID-19 outbreak

To learn more, visit:

- [NAM Coronavirus Resources](#)
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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 5:05 PM  
**Subject:** LPHA Email Update

Good evening,  
Please see the updates and information below...thank you and have a great weekend!

### **DHSS OFFICES WILL BE CLOSED ON 6-18-21**

We were notified late today that state agencies will be observing the new Federal Juneteenth holiday tomorrow and DHSS offices will be closed.

Please note, I will be checking email tomorrow so if you need anything please let me know!

### **Tiffany Vacation**

I will be on vacation from June 21<sup>st</sup> – June 30<sup>th</sup>. I will be checking my email periodically during that time (probably once each morning). If you need immediate assistance, please send the message to Lori Brenneke and Jennifer Harrison so they can respond. We **WILL** be having the Tuesday update calls while I am gone and Lori Brenneke will be hosting those. If you have questions to submit for those calls, please send those directly to Lori Brenneke ([Lori.Brenneke@health.mo.gov](mailto:Lori.Brenneke@health.mo.gov)).

### **Call Information for the Week of June 21st – June 25th**

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 22, 2021 3-5PM

**CALL INFORMATION:** Meeting number (access code): 177 535 6795 Meeting password: CNmRHk2J5C7

Join from a video system or application

Dial [1775356795@stateofmo.webex.com](tel:1775356795@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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Join by phone

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[Global call-in numbers](#)

**WHAT:** LPHA UPDATE CALL

**WHEN:** TUESDAY, June 22, 2021 4-5PM

**CALL INFORMATION:** Meeting number (access code): 177 625 6925 Meeting password: PHs3pPJ9uE2

Join from a video system or application

Dial [1776256925@stateofmo.webex.com](tel:1776256925@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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**PLEASE NOTE:** Lori Brenneke will be hosting this call because I will be on vacation. If you have questions to submit for those calls, please send those directly to Lori Brenneke ([Lori.Brenneke@health.mo.gov](mailto:Lori.Brenneke@health.mo.gov)).

If you missed this call you can find the recording at  
<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 24, 2021 2-4PM

**CALL INFORMATION:** Meeting number (access code): 177 783 0874 Meeting password: gRmnxXMu845

Join from a video system or application

Dial [1777830874@stateofmo.webex.com](tel:1777830874@stateofmo.webex.com)

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[Global call-in numbers](#)

## Call Information for the Week of June 28th – July 2<sup>nd</sup>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, June 29, 2021 3-5PM

**CALL INFORMATION:** Meeting number (access code): 177 535 6795 Meeting password: CNmRHk2J5C7

Join from a video system or application

Dial [1775356795@stateofmo.webex.com](tel:1775356795@stateofmo.webex.com)

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Join by phone

1-650-479-3207 Call-in toll number (US/Canada)

+1-312-535-8110 United States Toll (Chicago)

[Global call-in numbers](#)

**WHAT:** LPHA Update Call

**WHEN:** TUESDAY, June 29, 2021 4-5PM

**CALL INFORMATION:** Meeting number (access code): 177 625 6925 Meeting password: PHs3pPJ9uE2

Join from a video system or application

Dial [1776256925@stateofmo.webex.com](tel:1776256925@stateofmo.webex.com)

You can also dial 173.243.2.68 and enter your meeting number. Tap to join from a mobile device (attendees only)

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[Global call-in numbers](#)

**PLEASE NOTE:** Lori Brenneke will be hosting this call because I will be on vacation. [If you have questions to submit for those calls, please send those directly to Lori Brenneke \(Lori.Brenneke@health.mo.gov\).](#)

If you missed this call you can find the recording at

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

**WHAT:** Adult Imms Grant Office Hours

**WHEN:** TUESDAY, July 1, 2021 2-4PM

**CALL INFORMATION:** Meeting number (access code): 177 783 0874 Meeting password: gRmnxXMu845

Join from a video system or application

Dial [1777830874@stateofmo.webex.com](mailto:1777830874@stateofmo.webex.com)

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## **Follow-up from LPHA Update Call – 6/15/21**

**Question:** Will deaths that have a positive antigen test AND are also list COVID as a contributing cause of death going to be added to the MODHSS dashboard?

**Answer:** If COVID is listed anywhere on the death certificate (underlying or contributing cause) it is counted on the dashboard irrespective of the type of test.

Please note that there could be a delay sometimes because – the LPHA might mark / deem it as a COVID death, but we need to wait for the death certificate to be officially registered, vetted by NCHS and confirmed as a COVID death before we update the dashboard.

CDC Variant Tracker - <https://covid.edc.gov/covid-data-tracker/#variant-proportions>

Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

## **Adult Vaccination Contract Documents**

Adult Vaccination Contract documents are now located here:

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

## **Infection Control and Prevention Webinar Series**



## **Monthly Infection Control and Prevention Webinar Series:** *What you need to know to keep you, your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing competency meet*

### Schedule of Webinars

#### June 10 – Inaugural Webinar: Vaccines are Safe – How we know!

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

#### July 8 - How do COVID vaccines affect immunity to COVID?

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care Columbia, Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

#### August 10—Environmental Health: Air Purification and Quality

*Lolie Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements

- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

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### **CE Credit**

Nursing, Social Work, & Nursing Home Administrators (applied for)

**No Fee to Attend**





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JUNE 21-25, 2021

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**11AM-1PM CDT**

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## Featured Speakers:



Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance –  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



[ncope@moimmunize.com](mailto:ncope@moimmunize.com)  
[moimmunize.org](http://moimmunize.org)

Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** Marshall, Lisa <Lisa.Marshall@lpha.mo.gov>  
**Sent:** Thursday, June 17, 2021 3:42 PM  
**To:** Vollmar, Kelley; Talken, Ryan; Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** Re: SGF-Greene Experience with Current Surge

Taney County is seeing a steady increase in new cases as well. We've alerted our local elected officials and decision makers with very little interest in discussion of mitigation measures. Our last election cycle saw a turnover in many of our elected officials resulting in a "pro-recovery" focus. We are also seeing low uptake of vaccine in our county despite education and clinic offerings. Without local support and continued low interest in vaccines, coupled with the welcome sign, I anticipate our numbers will continue upwards.

**LISA MARSHALL, MS, RD, LD**

Director, PIO

**TANEY COUNTY HEALTH DEPARTMENT**

320 Rinehart Road | Branson, MO 65616

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**From:** Kelley Vollmar <Kelley.Vollmar@jeffcohealth.org>  
**Sent:** Thursday, June 17, 2021 9:53:14 AM  
**To:** Talken, Ryan; Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** RE: SGF-Greene Experience with Current Surge

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*Kelley Vollmar, M.S.*

Director  
Jefferson County Health Department  
405 Main Street  
Hillsboro, MO 63050

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[www.jeffcohealth.org](http://www.jeffcohealth.org)

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*Jefferson County Health Department will champion positive health outcomes and behaviors through innovative programs and community engagement.*



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**From:** Talken, Ryan <RTalken1@Joplinmo.org>  
**Sent:** Thursday, June 17, 2021 9:31 AM  
**To:** Mooney, Jon <jmooney@springfieldmo.gov>; MOCPHE <MOCPHE@groups.outlook.com>  
**Cc:** larry jones <ldjones611@hotmail.com>; Findley, Kendra <kfindley@springfieldmo.gov>; Yoon, Nancy <nancy.yoon@springfieldmo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>  
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Thank you Jon,

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Hospitalizations and deaths have also increased along with the uptick in cases. Also, of note recent deaths and hospitalizations have been in younger people, likely due to the older population being vaccinated.

On a bright note, vaccine demand is seeing a slight increase in the last week. We have been consistent in offering vaccine both in office and at offsite events with very little interest from the public, our events this week are seeing a slight increase in demand. Our current vaccination rate using DHSS stats for Joplin 39.5% completed and 45.3% initiated for Joplin zip codes. As we have identified recent outbreaks at certain workplaces and institutions those have been great opportunities to offer clinics.

Ryan

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**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOC PHE <[MOC.PHE@groups.outlook.com](mailto:MOC.PHE@groups.outlook.com)>  
**Cc:** Larry Jones <[ljones611@hotmail.com](mailto:ljones611@hotmail.com)>; Findley, Kendra <[kfindley@springfieldmo.gov](mailto:kfindley@springfieldmo.gov)>; Yoon, Nancy <[nancy.yoon@springfieldmo.gov](mailto:nancy.yoon@springfieldmo.gov)>; Crumbliss, Adam <[Adam.Crumbliss@health.mo.gov](mailto:Adam.Crumbliss@health.mo.gov)>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone. I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday – 3 days in a row above 100). Our hospitalizations have experienced a similar trend – climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear – we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

We believe this current surge in cases has been due to the Delta variant and now have data that makes this belief more certain. We have had Alpha variant in our community since December 9th and believe it was a driving factor behind our increases in December and early January. Beginning in March, our reinfection rate jumped 5 times what it had been in previous months. In May we had our first documented case of the Delta variant. Based on these pieces of information, I believe we had limited circulation of Delta as early as March which has since become the dominant strain. Recent data suggests that in HHS Region 7, Alpha represents 76% and Delta represents 7% of all cases. These percentages have also been shared by DHSS. While this may be the case for the entire state and HHS region, it appears our mix looks very different. In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**  
Assistant Director  
Springfield-Greene County Health  
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[Health.springfieldmo.gov](http://Health.springfieldmo.gov) | [Facebook.com/SGCHD](https://www.facebook.com/SGCHD) | [Twitter.com/SGCHD](https://twitter.com/SGCHD)

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**From:** Cohlmia, Charles L  
**Sent:** Thursday, June 17, 2021 12:40 PM  
**To:** Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Cc:** Koob, Chase M; Kasprzyk, Keilya A; Kresl, Laura E; Treat, Taylor K; Shaffer, Bridgette A; Dlugolecki, Ray D; Hubbert, Lisa  
**Subject:** RE: Church Camp - Crown Pointe Church

Taylor has been in contact with KCMO where additional cases have been reported in other jurisdictions, including Morgan County.

### Charles Cohlmia, MPH

*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

[313 S. Liberty Street, Independence, Missouri 64050](https://www.jcchd.org)

Desk: (816) 404-9881 | Fax: (816) 404-9885 | [Charles.Cohlmia@tmcmed.org](mailto:Charles.Cohlmia@tmcmed.org)

   [www.jcchd.org](http://www.jcchd.org)

**From:** Franklin, Patrick <Patrick.Franklin@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 12:34 PM  
**To:** Cohlmia, Charles L <Charles.Cohlmia@tmcmed.org>; Pearson, Jessica <Jessica.Pearson@health.mo.gov>; Poiry, Madison <Madison.Poiry@health.mo.gov>  
**Cc:** Koob, Chase M <Chase.Koob@tmcmed.org>; Kasprzyk, Keilya A <Keilya.Kasprzyk@tmcmed.org>; Kresl, Laura E <Laura.Kresl@tmcmed.org>; Treat, Taylor K <Taylor.Treat@tmcmed.org>; Shaffer, Bridgette A <Bridgette.Shaffer@tmcmed.org>; Dlugolecki, Ray D <Ray.Dlugolecki@tmcmed.org>; Hubbert, Lisa <Lisa.Hubbert@kcmo.org>  
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Thanks Chip. I have let my colleagues in the other regions know. This sounds like an opportune time to conduct variant testing.

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**Sent:** Thursday, June 17, 2021 11:45 AM  
**To:** Franklin, Patrick <Patrick.Franklin@health.mo.gov>; Pearson, Jessica <Jessica.Pearson@health.mo.gov>; Poiry, Madison <Madison.Poiry@health.mo.gov>  
**Cc:** Koob, Chase M <Chase.Koob@tmcmed.org>; Kasprzyk, Keilya A <Keilya.Kasprzyk@tmcmed.org>; Kresl, Laura E <Laura.Kresl@tmcmed.org>; Treat, Taylor K <Taylor.Treat@tmcmed.org>; Shaffer (Casey), Bridgette <Bridgette.shaffer@tmcmed.org>; Dlugolecki, Ray <Ray.Dlugolecki@tmcmed.org>; Hubbert, Lisa <Lisa.Hubbert@kcmo.org>  
**Subject:** Church Camp - Crown Pointe Church

Hello, all.

Over the last few days, multiple jurisdictions have been reporting cases of COVID-19 associated with a church camp which was hosted by a church located in Lee's Summit. The details regarding the event can be found here: <http://crownpointechurch.com/events/2021/06/07/youth-camp>. I did some internet sleuthing and the camp would have taken place at 31434 Main St, Rocky Mount, MO 65072, which would be Morgan County, MO.

Taylor has been on the phone with the church in order to get a roster of individuals in attendance or the roster of churches which sent attendees. So far, we've gotten radio silence on that until a few minutes ago when the church lead said they would not be cooperating. Taylor mentioned the legal elements of public health investigation and they seem to be a little more on-board, but they said they need to talk to their lawyer and they would let us know.

In short, we're giving them until about 4:00 pm today to give us a call back with more information, but I did want to make sure you were aware as we would be asking the state of MO to issue a press release, if necessary, regarding the mass exposure. As far as we know, the only individuals who attended the camp were Missouri residents, so I wouldn't go so far as working in an Epi-X, but I'll let you know of anything else once we have additional information.

The camp coordinators claim that they have notified all of the pastors of each church of the exposure, but there isn't anything in terms of whether or not the individual camp attendees were made aware or if there was a percentage notified.

Once we have any additional information, I'll let you all know. Let me know if you have any questions.

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*Communicable Disease Prevention and Public Health Preparedness Division Manager*

Jackson County Health Department

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**Jon Mooney, MS**

Assistant Director

Springfield-Greene County Health

Dr. (417) 874-2568

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**From:** Talken, Ryan <RTalken1@joplinmo.org>  
**Sent:** Thursday, June 17, 2021 9:31 AM  
**To:** Mooney, Jon; MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbliss, Adam  
**Subject:** RE: SGF-Greene Experience with Current Surge

Thank you Jon,

We are seeing a similar surge in cases in Joplin as well. I don't have as detailed data as you, but we have had Delta identified in the sewer shed study and in surveillance samples. We have just recently started more comprehensive variant testing on breakthrough cases, we don't have those results yet. Our current 7 day average is 13.43 cases per day. In May we were at 2.71 cases per day 7 day average about a 395% increase in cases over the last month. Percent increase in cases can be a bit misleading when working with small numbers, but the point is cases and workloads have greatly increased. We had days in May with a single case reported we are now seeing 30 cases per day reported.

Hospitalizations and deaths have also increased along with the uptick in cases. Also, of note recent deaths and hospitalizations have been in younger people, likely due to the older population being vaccinated.

On a bright note, vaccine demand is seeing a slight increase in the last week. We have been consistent in offering vaccine both in office and at offsite events with very little interest from the public; our events this week are seeing a slight increase in demand. Our current vaccination rate using DHSS stats for Joplin 39.5% completed and 45.3% initiated for Joplin zip codes. As we have identified recent outbreaks at certain workplaces and institutions those have been great opportunities to offer clinics.

Ryan

---

**From:** Mooney, Jon <jmooney@springfieldmo.gov>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE <MOCPE@groups.outlook.com>  
**Cc:** Larry Jones <ldjones611@hotmail.com>; Findley, Kendra <kfindley@springfieldmo.gov>; Yoon, Nancy <nancy.yoon@springfieldmo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone, I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday - 3 days in a row above 100). Our hospitalizations have experienced a similar trend - climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear - we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

We believe this current surge in cases has been due to the Delta variant and now have data that makes this belief more certain. We have had Alpha variant in our community since December 9th and believe it was a driving factor behind our increases in December and early January. Beginning in March, our reinfection rate jumped 5 times what it had been in previous months. In May we had our first documented case of the Delta variant. Based on these pieces of information, I

believe we had limited circulation of Delta as early as March, which has since become the dominant strain. Recent data suggests that in HHS Region 7, Alpha represents 76% and Delta represents 7% of all cases. These percentages have also been shared by DHSS. While this may be the case for the entire state and HHS region, it appears our mix looks very different. In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%!

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**

Assistant Director

Springfield-Greene County Health

☎ (417) 874-2566

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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 8:13 AM  
**To:** DHSS.LPHA Administrator List  
**Subject:** FW: New Webpage dedicated to Oropharyngeal (Head & Neck) Cancer

Please see the update below, thank you!

Many thanks,  
Tiffany

**From:** Snitker, Dione <Dione.Snitker@health.mo.gov>  
**Sent:** Thursday, June 17, 2021 7:37 AM  
**To:** Aaron Bumann <aaron.bumann@gmail.com>; Alyssa Curran <acurran@mffh.org>; Andres Dominquez <adominquez@healthforward.org>; Angela Fuller <angelaw3fuller@yahoo.com>; Ashley Hanson <ashley@hwstl.org>; Ashley Hermann <ahermann@oralhealthmissouri.org>; Barnett, Brian <brian.barnett@pr.mo.gov>; Beth Vossler <bethvossler@showmeaction.org>; Garber, Bobbi <Bobbi.J.Garber@dss.mo.gov>; Bradshaw, Tana <Tana.Bradshaw@lpha.mo.gov>; Brenneke, Lori <Lori.Brenneke@health.mo.gov>; Bridget McCandless, MD <bmccandless@hcfkcc.org>; Bridgette Casey <bridgette.casey@trmcmed.org>; Cathy Enfield <mswings9@comcast.net>; Charles Nickolas - Missouri Developmental Disabilities Council (Business Fax) <"fax=/NUM=(573) 526-2755"@mosrvfaxvm.mo.gov>; Craig Hollender (craighdds@msn.com) <craighdds@msn.com>; Cynthia A. Randazzo <cynthia@casscommunityhealth.org>; David Thielemier (David.thielemier@dentaquest.com) <David.thielemier@dentaquest.com>; Diann Bomkamp <dbomkamp@sbcglobal.net>; Doris Boeckman <doris@cabllc.com>; Dr. Abiye Okah <aokah@cmh.edu>; Dr. Courtney Garland <CGarland@comtree.org>; Dr. Dwight McLeod <dmcleod@atsu.edu>; Dr. Kourtney Green <kourtenay@hwstl.org>; Dr. Nick Pfannenstiel <nrfannenstiel@jordanvalley.org>; Dr. Rob Tait <taidds@yahoo.com>; Edwards Catherine PhD (cedwards@ma4web.org) <cedwards@ma4web.org>; Gail Redman <gredman@semohealthnetwork.org>; Gary Harbison <harbison@oralhealthmissouri.org>; Gary Henley <henleygm@sbcglobal.net>; Deyton, Guy <Guy.Deyton@health.mo.gov>; Huhn, Valerie <Valerie.Huhn@dmh.mo.gov>; Jean Harmison (jean@clubmanagementservices.com) <jean@clubmanagementservices.com>; John N. Dane, DDS <jndane@aol.com>; Joseph Pierle <jpierle@mo-pca.org>; Karen Dent <kdent@mo-pca.org>; Karmen Vaughn <kvaughn@clayhealth.com>; Weatherford, Kathy <KATHY.WEATHERFORD@LCHDMO.ORG>; Vollmar, Kelley <kelley.vollmar@jeffcohealth.org>; Farrell, Kim <KIM.FARRELL@LCHDMO.ORG>; 'Linda Niessen' <LNiessen@kansascity.edu>; Linda Sharp <linda.sharp@trmcmed.org>; Lori Crawford, RDH (lori.crawfordrdh@gmail.com) <lori.crawfordrdh@gmail.com>; Sanford, Mark <msanford@phcenters.com>; Mary Simkaitis <mary.wcmd@gmail.com>; Meagan Berry <mberry132@mohigh.org>; Melchert, Russell B. <melchertr@umkc.edu>; Melissa Kleffner-Wansing <mkleffner-wansing@oralhealthmissouri.org>; Melissa Van Dyne <melissa@mrha.org>; Michael French <mfrench@atsu.edu>; Michael McCunniff, DDS <mccunniffm@umkc.edu>; Mikayla Cox <mcox@clayhealth.com>; Monique Brown <giu3@cdc.gov>; Nathan Suter (nsuter@greenleafdentalcare.com) <nsuter@greenleafdentalcare.com>; Nunemaker, Merle (mnunemaker@sbcglobal.net) <mnunemaker@sbcglobal.net>; Patty E. Inks RDH, MPH (peinks@atsu.edu) <peinks@atsu.edu>; Pendleton, Karen T <Karen.T.Pendleton@dss.mo.gov>; Penni Aubut <paubut@clayhealth.com>; Phillips, Julie <Julie.A.Phillips@dss.mo.gov>; RN Jean Grabeel (jgrabeel@spsmail.org) <jgrabeel@spsmail.org>; Ron Inge <ron.inge@deltadentalmo.com>; Ron Wilkerson - St. James Dental Group (Rwilker82@gmail.com) <Rwilker82@gmail.com>; Scott Clardy <saclardy@gocolumbiamo.com>; 'Suzanne Alewine' <suzanne@cabllc.com>; Richardson, Todd <Todd.Richardson@dss.mo.gov>; Toniann Richard <Toniann@hccnetwork.org>; 'Ungard, Jesse (HRSA)' <JUngard@hrsa.gov>; Vicki Wilbers <vicki@modentalmail.org>; William Kane DDS (wtkane@newwavecomm.net) <wtkane@newwavecomm.net>; Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>; Bellamy, Jeffrey <Jeffrey.Bellamy@health.mo.gov>; Boeckman, Julie <Julie.Boeckman@health.mo.gov>; Brendel, Barbara <Barbara.Brendel@health.mo.gov>; Brenneke, Jeff <Jeff.Brenneke@doc.mo.gov>; Brenneke, Lori

<Lori.Brenneke@health.mo.gov>; Brown, Sara <Sara.Brown@health.mo.gov>; Cameron, Beth <Beth.Cameron@health.mo.gov>; Cox, Lisa <Lisa.Cox@health.mo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>; Davenport, Sara <Sara.Davenport@health.mo.gov>; Eastman, Lisa <Lisa.Eastman@health.mo.gov>; Garikapaty, Venkata <Venkata.Garikapaty@health.mo.gov>; Deyton, Guy <Guy.Deyton@health.mo.gov>; Hendee, Audrey <Audrey.Hendee@health.mo.gov>; Hoffman, Ann <Ann.Hoffman@health.mo.gov>; Kerr, Cheryl <Cheryl.Kerr@health.mo.gov>; Kline, Kally <Kally.Kline@health.mo.gov>; McBride-Mooty, Molly <Molly.McBride-Mooty@health.mo.gov>; Miller, Erin <Erin.Miller@health.mo.gov>; Palm, Joseph <Joseph.Palm@health.mo.gov>; Smith, Martha <Martha.Smith@health.mo.gov>; Srivastava, Sandy <Sandy.Srivastava@health.mo.gov>; Sullentrup, Gwendolyn <Gwen.Sullentrup@health.mo.gov>

**Subject:** New Webpage dedicated to Oropharyngeal (Head & Neck) Cancer

Good morning!

The Office of Dental Health is proud to announce the creation of a webpage dedicated to Oropharyngeal (Head & Neck) Cancer. Head & Neck Cancer rates are going up dramatically and the American Cancer Society has estimated there could be more than 85,000 cases of Head & Neck Cancers in 2021 and there are steps that can be taken in slowing that increase.

Please check out our new webpage for more information <https://health.mo.gov/living/families/oralhealth/head-neck-cancer-top.php>

Oral Health is Overall Health. Thank you for everything you do to improve the overall health of Missourians!

*Julie Boeckman*

Program Manager

Office of Dental Health

MO Dept. of Health & Senior Services

PO Box 570

Jefferson City, MO 65102

P: 573-751-6249 / F: 573-751-0702

Email [julie.boeckman@health.mo.gov](mailto:julie.boeckman@health.mo.gov)

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---

**From:** Mooney, Jon <jmooney@springfieldmo.gov>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE  
**Cc:** Larry Jones; Findley, Kendra; Yoon, Nancy; Crumbless, Adam  
**Subject:** SGF-Greene Experience with Current Surge

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**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Wednesday, June 16, 2021 9:00 PM  
**Subject:** LPHA Email Update

**Good evening,  
Please see the updates and information below...thank you and have a great night!**

### **Follow-up from LPHA Update Call – 6/15/21**

**Question:** Will deaths that have a positive antigen test AND are also list COVID as a contributing cause of death going to be added to the MODHSS dashboard?

**Answer:** If COVID is listed anywhere on the death certificate (underlying or contributing cause) it is counted on the dashboard irrespective of the type of test.

Please note that there could be a delay sometimes because – the LPHA might mark / deem it as a COVID death, but we need to wait for the death certificate to be officially registered, vetted by NCHS and confirmed as a COVID death before we update the dashboard.

CDC Variant Tracker - <https://covid.cdc.gov/covid-data-tracker/#variant-proportions>

Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

### **Adult Vaccination Contract Documents**

Adult Vaccination Contract documents are now located here:

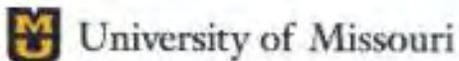
<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

### **Infection Control and Prevention Webinar Series**



## **Monthly Infection Control and Prevention Webinar Series:** *What you need to know to keep you, your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing  
competency meet*

### **Schedule of Webinars**

#### **June 10 – Inaugural Webinar: Vaccines are Safe – How we know!**

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

#### **July 8 - How do COVID vaccines affect immunity to COVID?**

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care, Columbia. Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

#### **August 10—Environmental Health: Air Purification and Quality**

*Loie Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements

- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

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Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance -  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



[ncope@moimmunize.com](mailto:ncope@moimmunize.com)  
[moimmunize.org](http://moimmunize.org)

Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** DHSS Public Info <PublicInfo@health.mo.gov>  
**Sent:** Wednesday, June 16, 2021 5:06 PM  
**Subject:** News Release: Missouri DHSS urges continued vaccination as close monitoring of Delta variant continues



For Immediate Release;  
June 16, 2021

Media Contact:  
Lisa Cox  
Missouri Department of Health and Senior Services  
[Lisa.Cox@health.mo.gov](mailto:Lisa.Cox@health.mo.gov)

## **Missouri DHSS urges continued vaccination as close monitoring of Delta variant continues**

JEFFERSON CITY, MO – Missouri is experiencing a rise in individuals contracting the Delta variant (B.1.617.2, first detected in India) of the virus that causes COVID-19, SARS-CoV-2. It was announced by the Centers of Disease Control and Prevention yesterday that the Delta variant has been reclassified as a "variant of concern" in the United States. The Missouri Department of Health and Senior Services (DHSS) has been closely monitoring these developments and has been on the national leading edge of aggressive wastewater testing for variants of concern.

The Delta variant joins the B.1.1.7 (Alpha), B.1.351 (Beta), P.1 (Gamma), B.1.427/B.1.429 (Epsilon) variants circulating in the United States which are already classified as variants of concern.

Deemed highly transmissible, the Delta virus has been already detected in over 70 countries of the world, and is projected to become dominant worldwide. It is also causing more serious illness and hospitalizations among those who have not been vaccinated.

Monitoring the spread of emerging variants in the United States relies on widespread, rapid sequencing. While this national effort is still somewhat limited, it is clear that the variant has become prevalent in communities throughout Missouri. In February, the Missouri Department of Health and Senior Services (DHSS) began testing wastewater samples to look for the presence of these variants. These testing results are displayed in a new layer of the [COVID-19 sewershed surveillance StoryMap](#).

The unpredictability of emerging variants is cause for continuation of infection prevention precautions.

"Our greatest concern in Missouri is areas with lower vaccine uptake," said Robert Knodell, Acting Director of the Missouri Department of Health and Senior Services (DHSS). "With this variant being easier to spread and possibly causing more severe illnesses among unvaccinated people of all ages, vaccinations are the best way to stop this virus in its tracks."

This recent rise of the highly transmissible Delta variant underscores the importance of continued testing for COVID-19 of all those with related symptoms, as well as those who have been exposed to the virus but may not have symptoms.

Social distancing and appropriate masking remain important and effective public health countermeasures. Vaccination is the most effective and long-lasting tool for protection from this infection. DHSS continues to encourage anyone age 12 and up to get vaccinated against COVID-19. Get the facts about COVID-19 vaccines and where to get vaccinated at [MOSTopsCovid.com](https://www.mostopsCovid.com).

###

**About the Missouri Department of Health and Senior Services:** The department seeks to be the leader in protecting health and keeping people safe. More information about DHSS can be found at <http://health.mo.gov> or find us on [Facebook](#) and [Twitter](#) @HealthyLivingMo



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---

**From:** Bayer, Tiffany <Tiffany.Bayer@health.mo.gov>  
**Sent:** Tuesday, June 15, 2021 7:17 PM  
**Subject:** LPHA Email Update

Good evening,  
Please see the updates and information below...thank you and have a great night!

### [Follow-up from LPHA Update Call – 6/15/21](#)

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Link to COVID Hot Spots - <https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>  
(COVID Hotspot Map under Covid-19 Cases Data)

### [Adult Vaccination Contract Documents](#)

Adult Vaccination Contract documents are now located here:

<https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus-lpha/>

### [Infection Control and Prevention Webinar Series](#)



**Monthly Infection Control  
and Prevention Webinar Series:**  
*What you need to know to keep you,  
your patients and community safe*

2nd Thursday of each month from 12-1 p.m. beginning in June 2021 through December 2022



University of Missouri

Presented by: Extension | Sinclair School of Nursing  
Nursing Outreach: *Where continuing education and continuing  
competency meet*

### [Schedule of Webinars](#)

**June 10 – Inaugural Webinar: Vaccines are Safe – How we know!**

*Lynelle Phillips, MPH, RN, Assistant Teaching Professor, Department of Public Health, School of Health Professions, Extension Service Nurse Specialist, University of Missouri, Columbia*

- General rules of vaccines
- FDA approval process and Emergency Use Authorization Use (EUA) process
- How were we able to get a vaccine to market in such a short time and still cut no corners?
- Compare the different vaccines - safety and efficacy
- Is the lesser protection by J&J significant enough to be important? J&J Case Study.

### **July 8 - How do COVID vaccines affect immunity to COVID?**

*Taylor Nelson, DO, Infectious Disease, Internal Medicine, University of Missouri Health Care, Columbia. Board Certified by the American Board of Internal Medicine/Infectious Disease*

- Natural immunity vs vaccine-induced immunity – which is best?
- How long does the vaccine protect me?
- What is Herd immunity and is it reasonable to expect we will ever achieve it?
- If I've had COVID, why get vaccinated?
- To boost or not to boost?
- I'm young, isn't it less risky to take chance with COVID than the vaccine?

### **August 10—Environmental Health: Air Purification and Quality**

*Lole Couch, RN, BS, CIC, FAPIC, Infection Prevention Specialist, Barnes Jewish Christian (BJC) Hospital, St. Louis*

- Functions of a ventilation system
- Benefits and limitations of bi-polar ionization
- Minimum filtration requirements
- Apply filtration flexibility on a space-by-space approach
- Appropriate use of UV light disinfection and accompanying hazards
- Visible light disinfection and its appropriate use and considerations

### **Tentative Schedule for Remainder of 2021**

September 9: No webinar – Attend the MPHA Conference, Sept. 21-23, 2021 in Columbia, MO!

**October 14:** Messaging – Different Strokes for Different Folks

**November 11:** Pandemic Fatigue - Kevin Cloninger, PhD,

Executive Director at Anthropedia Foundation and Director of Well-Being Coaching, St Louis

**December 9:** Long-haul COVID-19 patients, Post COVID Syndrome

*NOTE: Topics may change due to the pace and volume of new knowledge regarding COVID-19 and the need to inform providers regarding best practices. Topics for 2022 will be announced closer to that time.*

**REGISTER ONCE FOR ENTIRE SERIES!**

[Register Now & More Information](#)

CE Credit

Nursing, Social Work, & Nursing Home Administrators (applied for)

No Fee to Attend



**YOU'RE INVITED**

**SAVE THE DATE**

JUNE 21-25, 2021

11AM-1PM CDT

**THERE IS NO BETTER TIME TO TALK IMMUNIZATIONS!**

Join for educational sessions, dynamic speakers, and networking opportunities. Earn CE, CME, and MOC Credits for your attendance.

[Register](#)

**Featured Speakers:**



Dr. Peter Marks, M.D., Ph.D.  
Director, Center for Biologics  
Evaluation and Research, FDA



Dr. Andrew Kroger, M.D., M.P.H.  
Medical Officer, Natl Center for  
Immunization Respiratory Diseases,  
CDC

Earn **free** CE, CME, and MOC Credits for your attendance -  
for physicians, nurses, pharmacy, LPC, psychology, and social work.

[Reserve my seat](#)

Please join the MIC for free, virtual, daily lunch and learn sessions June 21st-25th. Feel free to share the registration information with your colleagues and the LPHA. The MIC Immunization Conference registration can be accessed at:

<https://registration.socio.events/e/moimmunizationcoalitionconference>

Everyone that provides a mailing address when registering for the MIC Virtual Immunization Conference will receive a complimentary MIC COVID-19 Vaccine Card Holder.

Every conference participant that completes a profile in the MIC Virtual Immunization Conference event app will receive a complimentary MIC 16oz Coffee Mug (if an address is provided).

If you have any questions, please let me know.

I'm looking forward to seeing everyone at the MIC Immunization Conference 2021!

Nicole Cope  
Executive Director



Tiffany Bayer, Local Public Health Liaison  
Center for Local Public Health Services  
Division of Community and Public Health  
920 Wildwood, P.O. Box 570  
Jefferson City, MO 65102-0570  
Phone: (573) 522-2874  
Email: [tiffany.bayer@health.mo.gov](mailto:tiffany.bayer@health.mo.gov)

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**From:** Jackson County CD via State of Missouri Secure Mail <email.secure@oa.mo.gov>  
**Sent:** Monday, June 14, 2021 1:11 PM  
**To:** Wing.Lam@health.mo.gov; Shaffer, Bridgettè A; Conlma, Charles L;  
Patrick.Franklin@health.mo.gov; Jessica.Pearson@health.mo.gov;  
Madison.Foisy@health.mo.gov  
**Subject:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]

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Patrick.Franklin@health.mo.gov; Jessica.Pearson@health.mo.gov;  
Madison.Poiry@health.mo.gov  
**Subject:** RE: Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** SecureMessageAtt.html



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[Click here](#) by 2021-06-28 13:10 CDT to read your message. The link will expire in 14 days. After that date, open the SecureMessageAtt.html attachment.

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**From:** Lam, Wing <Wing.Lam@health.mo.gov>  
**Sent:** Sunday, June 13, 2021 9:49 AM  
**To:** Shaffer, Bridgette A; Cohlman, Charles L; Jackson County CD; Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Subject:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]  
**Attachments:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses [encrypt]

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**To:** Shaffer, Bridgette A; Cohlmiia, Charles L; Jackson County CD; Franklin, Patrick; Pearson, Jessica; Poiry, Madison  
**Subject:** Travel Notifications - Surveillance for Variant SARS-CoV2- Viruses (encrypt)  
**Attachments:** SecureMessageAtt.html



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[Click here](#) by 2021-06-27 09:49 CDT to read your message. The link will expire in 14 days. After that date, open the SecureMessageAtt.html attachment.

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**From:** Semkiw, Elizabeth <Elizabeth.Semkiw@health.mo.gov>  
**Sent:** Friday, June 11, 2021 2:11 PM  
**To:** Wenzel, Jeff; Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; 'Brenstew33@hotmail.com'; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Durnell, Steve; Echols, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Ben; Heinen, Christina; Hittson, Angie; Hunt, Becky; 'JMcHugh@sccmo.org'; Johnson, Rachelle; 'kfindley@springfieldmo.gov'; 'Khan, Faisal'; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; 'MPAUZA@sccmo.org'; Neblock, Krista; 'NTutlam@stlouisco.com'; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Tanya; Thaut, Mary; Tilley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Vollmar, Kelley; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; 'YAbbyad@sccmo.org'; Thompson, Frank; Talken, Ryan; Young, Mary; Steitz, Christina  
**Subject:** Sewershed variant testing update

Good afternoon,

This week, mutations associated with variants were found in wastewater samples from 23 sewersheds. These samples were collected during the week of May 31<sup>st</sup> at the following locations:

Bonne Terre, Branson, Brookfield, Columbia, Independence, KC-Birmingham, Liberty, Licking, Marshfield, Nixa, O'Fallon, Duckett Creek, Springfield, St. Joseph, St. Louis (Bissell Point, Coldwater Creek, Grand Glaize, and Missouri River), St. Peters, St. Robert, and Union.

At all of these locations, samples contained mutations associated with the UK variant and/or India variant B.1.617.2. In ten communities, mutations were mostly associated with the UK variant. In nine communities, mutations were mostly associated with the India variant. The number of communities with at least some mutations associated with the India variant continued to increase: from 6 locations (week of May 17<sup>th</sup>) to 14 locations (week of May 24<sup>th</sup>) to 16 locations (week of May 31<sup>st</sup>). Please remember that CDC's and DHSS's recommendation is to not use sewershed data as a predictor of variant case rates or variant dominance in a community. There are still a lot of unknowns. CDC and DHSS has more confidence in using sewershed data as an indicator of the absence or presence of these variants in a community.

These data are now available on Box.com. Please let me know if you have any questions.

Thank you,  
Elizabeth

Elizabeth Semkiw  
Environmental Public Health Tracking Program Manager  
Bureau of Environmental Epidemiology  
Missouri Department of Health and Senior Services  
930 Wildwood Dr.  
Jefferson City, MO 65109

(573) 751-6102 or (866) 628-9891  
[elizabeth.semkiw@health.mo.gov](mailto:elizabeth.semkiw@health.mo.gov)

\*\*\*\*\*

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**From:** Wenzel, Jeff <Jeff.Wenzel@health.mo.gov>  
**Sent:** Monday, June 7, 2021 1:44 PM  
**To:** Allen, Scott; Archer, Rex; Baker, Deborah; Banks, Terre; Bayer, Tiffany; Behm, Paige; Bergner, Larry; Blankenship, Devin; Brace, Craig; Bradley, Debra; Brenstew33@hotmail.com; Brewer, Tara; Brock, Roger; Browning, Stephanie; Bundy, Kendra; Campbell, Kristi; Chambers, Mike; Clardy, Scott; Cook, Barry; Czech, Sarah; Dees, Jayne; Doucette, Emily; Durnell, Steve; Echo's, Fredrick; Evers, Sara; Forester, Sylvia; Godwin, Ben; Heinen, Christina; Hittson, Angie; Hunt, Becky; JMcHugh@sccmo.org; Johnson, Rachelle; Kfindley@springfieldmo.gov; Khar, Faisal; Link, Jennifer; Lynch, Sharon; Marshall, Lisa; Martin, Joann; McBride, Olivia (Jean); McDonald, Teresa; Moehr, Tony; Mooney, Jon; MPAUZA@sccmo.org; Neblock, Krista; NTutlam@stlouisco.com; Peak, Karen; Pekarek, Daniel; Pitts, Tonya; Ragsdale, Linda; Reynolds, Melissa; Schmidt, Spring; Semkiv, Elizabeth; Shaffer, Bridgette A; Siefert, Brett; Snyder, Mark; Swaim, Katie; Talken, Ryan; Taylor, Deborah; Taylor, Yanya; Thaut, Mary; Thompson, Frank; Titley, Ryan; Turabelidze, George; Tuua, Tiffany; Vader, Dawn; VanNatta, Samantha; Viebrock, Linda; Voilmar, Kelley; Wann, Ashley; Warlen, Andrew; Wernsman, Jane; Wieberg, Chris; Wieberg, Rebecca; YAbbyad@sccmo.org  
**Subject:** sewershed variant testing update  
**Attachments:** Sewershed Dashboard 5\_31.pptx

We have a little different update this week from previous.

We tested 25 samples from the week of the May 24<sup>th</sup> using sequencing. Locations include:

Springfield, Neosho, Joplin, Marston, Union West, Branson, Farmington, St Louis, Dexter, Columbia, St Louis, Marshall, Brookfield, Mexico, Marshfield, Macon, Blue Springs, Bolivar, Eldon, West Plains, Licking, and KC.

The last several weeks had the majority of samples containing mostly mutations associated with the UK variant. This week we had 10 locations with mostly UK related mutations. 14 locations had RNA strands with the majority of those strand containing mutations associated with the India variant (B.1.617.2). Please remember that CDC's and DHSS's recommendation is to not use sewershed data as a predictor of variant case rates in a community or dominance in a community. There are still a lot of unknowns.

CDC and DHSS does have more certainty in using this data as an indicator of absence or presence of these variants in a community. From the week of May 17<sup>th</sup> to the week of May 24<sup>th</sup>, the number of communities with India mutations increased from 6 locations to 14.

Our sewershed trend data saw 19 locations with increasing trends. We also saw a slight increase in the total state viral load. (Graphs representing this information is attached.)

This data is now in Box.

Please let me know if you have any questions.

Thank you.

Jeff Wenzel  
Bureau Chief  
Bureau of Environmental Epidemiology  
Division of Community and Public Health  
Missouri Department of Health and Senior Services  
930 Wildwood  
Jefferson City, MO 65109  
(573)751-6102 or (866) 628-9891  
fax: (573) 526-6946

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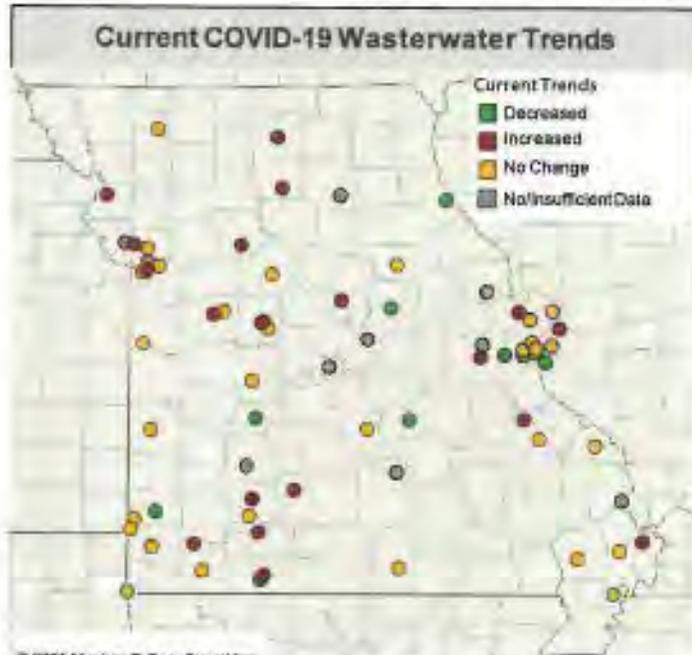
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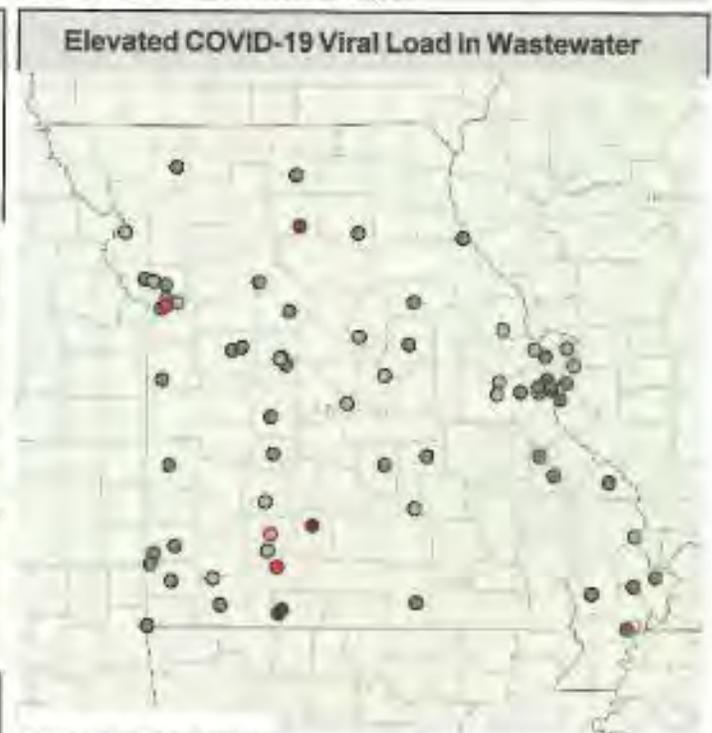
# COVID-19 Wastewater Trends

State of Missouri

NOTE on dates: This dashboard was last updated on 6/4/2021 and includes data through 6/4/2021.



Data represents the change in viral gene copies per day in samples collected on 5/31/2021 from the previous week. "Increased" indicates that viral gene copies either increased by >40% from last week or by >25% over each of the previous two weeks. "Decreased" indicates that viral gene copies have decreased by >25% over each of the previous three weeks or >30% in 2 of the previous 3 weeks. "No Change" indicates that viral gene copies did not meet the criteria for the "Increased" or "Decreased" designations. "No/Insufficient Data" indicates that either no sample was collected or the measured value fell below accurate reporting limits.



Red circles indicate sewer sheds where viral load is significantly higher than previous measures at that location, with darker reds indicating the highest viral load per person. Grey circles indicate sewer shed areas where viral load is not significantly higher than previous measures at that location. The data is based on samples collected on 5/31/2021.

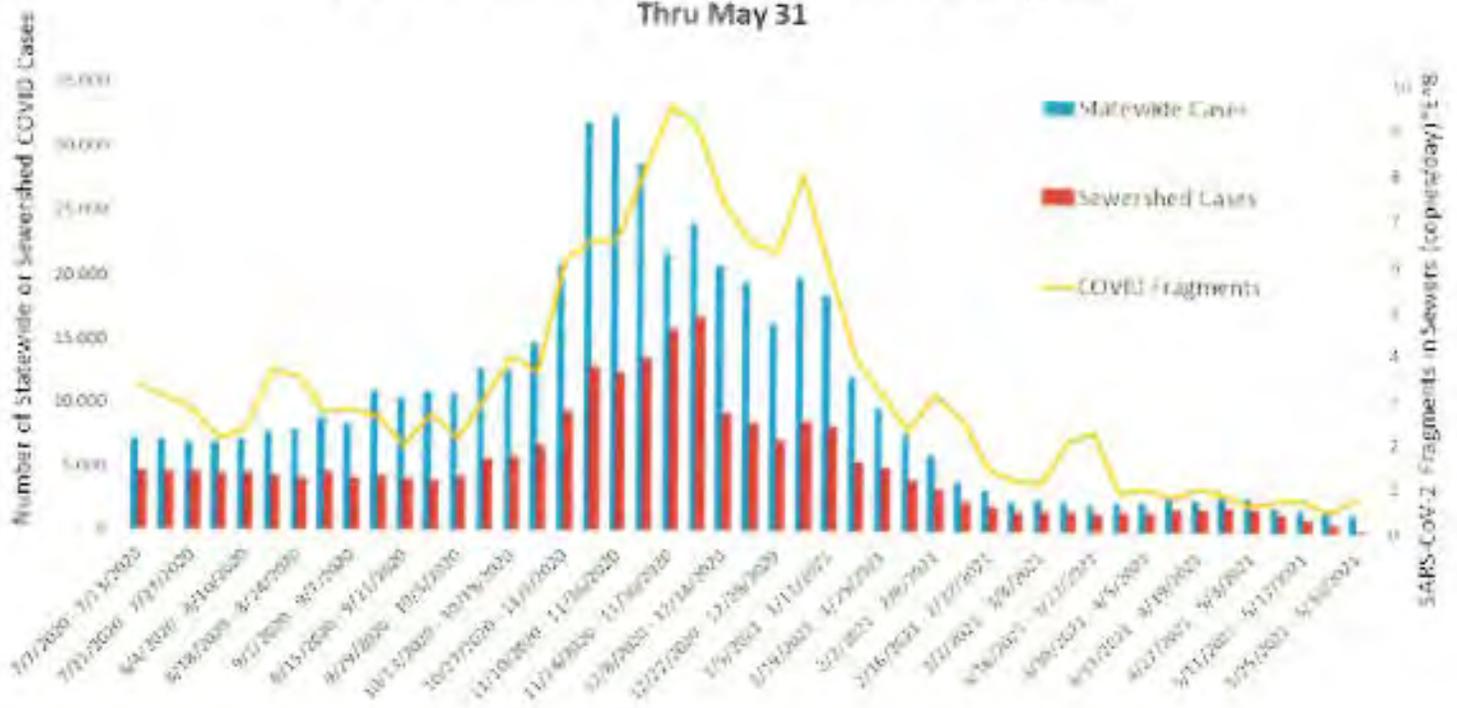
#### Facilities with increasing viral load in wastewater (5/24/21-5/31/21):

- Brookfield WWTP
- Bonne Terre WWTP
- Branson Compton Drive WWTP
- Branson Cooper Creek WWTP
- Charleston WWTP
- Columbia WWTP
- KC Birmingham WWTP
- KC Rocky Branch WWTP
- Marshfield WWTP
- Milan WWTP
- Monett WWTP
- MSD Bissell Point WWTP
- Nixa WWTP
- Sedalia Central WWTP
- Springfield NW WWTP
- St Joseph WWTP
- St Peters Spencer Creek WWTP
- Union West WWTP
- Warrensburg West WWTP

#### Facilities with elevated viral load in wastewater (5/31/2021):

- Branson Compton Drive WWTP
- Branson Cooper Creek WWTP
- Brookfield WWTP
- KC Birmingham WWTP
- Marshfield WWTP
- Marston WWTP
- Nixa WWTP
- Springfield NW WWTP

### State vs Sewershed COVID Cases and SARS-CoV-2 Fragments Thru May 31



---

**From:** Shaffer, Bridgette A  
**Sent:** Thursday, June 17, 2021 9:11 AM  
**To:** Cohnja, Charles L; Dlugolecki, Ray D  
**Subject:** FW: SGF-Greene Experience with Current Surge

Sharing

**From:** Mooney, Jon <jmooney@springfieldmo.gov>  
**Sent:** Thursday, June 17, 2021 8:03 AM  
**To:** MOCPE <MOCPE@groups.outlook.com>  
**Cc:** Larry Jones <ldjones611@hotmail.com>; Findley, Kendra <kfindley@springfieldmo.gov>; Yoon, Nancy <nancy.yoon@springfieldmo.gov>; Crumbliss, Adam <Adam.Crumbliss@health.mo.gov>  
**Subject:** SGF-Greene Experience with Current Surge

Good morning everyone. I wanted to share our recent experiences with our increasing cases. In case you are not aware, our cases have steadily grown over the past month. On May 16<sup>th</sup>, our 7 day average was 18 cases, on June 16<sup>th</sup>, it has risen to 78 cases a day (and we just received our case count from yesterday – 3 days in a row above 100). Our hospitalizations have experienced a similar trend – climbing from 34 to 94 over the past month (currently we have more than 100 hospitalized). If you look at the growth of, it does not have the same exponential growth it had in the fall, but the growth has been more linear – we believe this is due to vaccinations. We likely have enough to slow it down, but clearly not enough to stop it (our current fully vaccinated rate is 37%). Unfortunately, we are all likely a meaningful distance away from herd due to vaccines only.

We believe this current surge in cases has been due to the Delta variant and now have data that makes this belief more certain. We have had Alpha variant in our community since December 9<sup>th</sup> and believe it was a driving factor behind our increases in December and early January. Beginning in March, our reinfection rate jumped 5 times what it had been in previous months. In May we had our first documented case of the Delta variant. Based on these pieces of information, I believe we had limited circulation of Delta as early as March which has since become the dominant strain. Recent data suggests that in HHS Region 7, Alpha represents 76% and Delta represents 7% of all cases. These percentages have also been shared by DHSS. While this may be the case for the entire state and HHS region, it appears our mix looks very different. In the last month our local variant testing shows Delta is 70% and Alpha is 24%. In just the last week the percent that are confirmed Delta is 91%!

While I could certainly be wrong, I don't want any of you to be caught unaware or dismiss the rise in cases that we are experiencing as something that is unique to our area or that it is likely to remain localized here.



**Jon Mooney, MS**  
Assistant Director  
Springfield-Greene County Health  
O. (417) 874-2556  
[Health.springfieldmo.gov](http://Health.springfieldmo.gov) | [Facebook.com/SGCHD](https://Facebook.com/SGCHD) | [Twitter.com/SGCHD](https://Twitter.com/SGCHD)

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