



Extension

University of Missouri

Health and Safety

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September 2021

COVID-19 Vaccinations in Missouri

Overall Vaccinations in Missouri

This dashboard was last updated on 9/20/2021 and contains data on vaccinations administered through 9/19/2021. Historical numbers, especially over the most recent few days, will update as providers report data to the state. Differences between this dashboard's numbers and those on CDC's dashboard are primarily due to timing.

COVID-19 Vaccine Dose Details

Total COVID-19 Doses Administered	5,977,864
First and Second Doses	5,943,596
Third Doses (starting 8/16/2021)	34,268

Doses Administered in past 7 days
(9/11/2021 through 9/17/2021)

63,391

Daily Average Doses Administered
(9/11/2021 through 9/17/2021)

9,056

Choose Age Group from Dropdown:

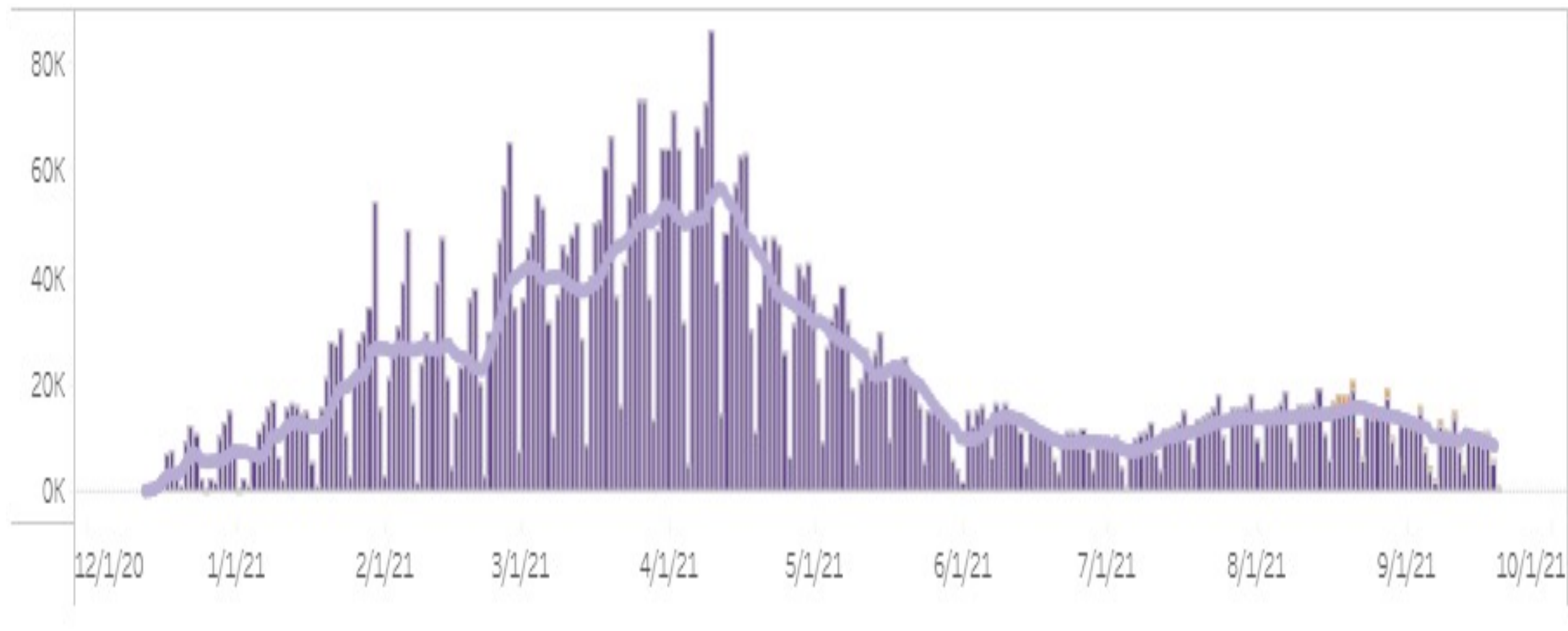
Total Population

Total Population Vaccination Details

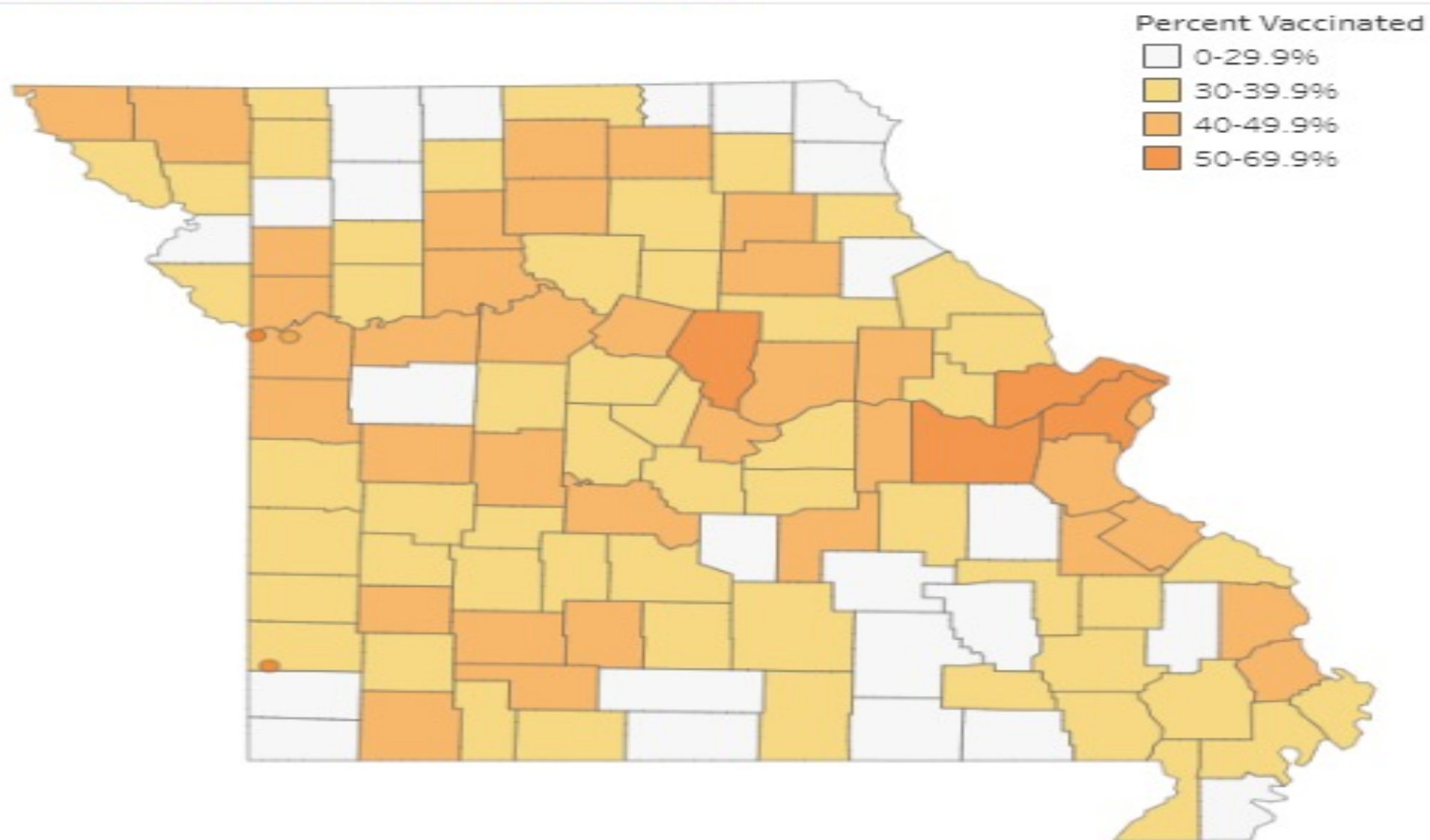
Population Initiated Vaccination	3,258,991
Percent Initiating Vaccination	53.1%
Population Completed Vaccination	2,881,086
Percent Completing Vaccination	46.9%

Total Doses Administered Over Time

Line represents 7-day average - hover over it to get detailed dose information (i.e. **first/second** doses, **third** doses, etc.) for each day. Note that data from the most recent days may be incomplete because of delays in reporting.



Total Population Initiated Vaccination



COVID-19 Hotspot Advisory

Bollinger and Madison Counties (and surrounding area)

September 15, 2021 (based on data Sept. 1 - Sept. 14)

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES

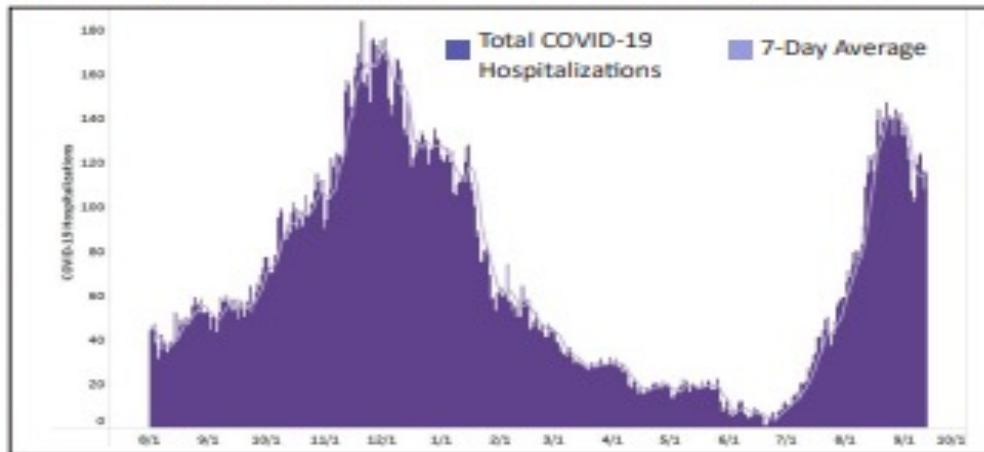
MOSTOPSCOVID.COM

Current COVID-19 Severity based on State Averages

- Typical
- Above Average
- High
- Severe



COVID-19 Total Patients in the Hospital by Day for SE Region (Butler, Cape Girardeau, Iron, Madison, Pemiscot, Perry, Scott, Ste. Genevieve and Stoddard)



SITUATIONAL SUMMARY:

In recent weeks, most areas of Missouri have experienced a surge in COVID-19 cases and hospitalizations. The Delta variant is the predominant cause. **Cases in Bollinger and Madison counties are also rising with 53 and 69 respectively in the past week compared to 44 and 52 respectively the prior week.** Hospitals in the region are seeing resource strain from dramatically increased numbers of COVID-19 patients and hospitalizations. As a result, several hospitals in the region are at or near capacity.*

The percentage of people fully vaccinated in **Bollinger (26.4%) and Madison (29.8%) counties.** Experts say at least 70% - 80% of people, depending on the type of variant virus, need immunity to provide the best chance of minimizing spread within a community.**

What does Extension do?



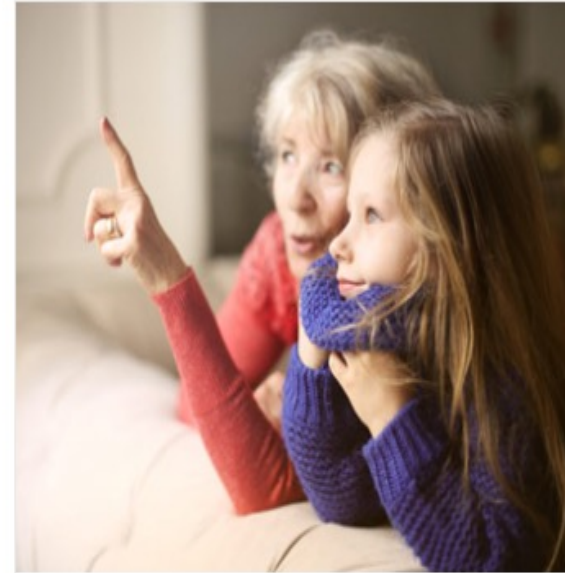
Agriculture and environment>

Protecting Missouri's environment and natural resources while enhancing economic viability.



Business and community>

Helping Missouri businesses and communities succeed and fostering leadership through proven, tested counseling and training methods.



Youth and family>

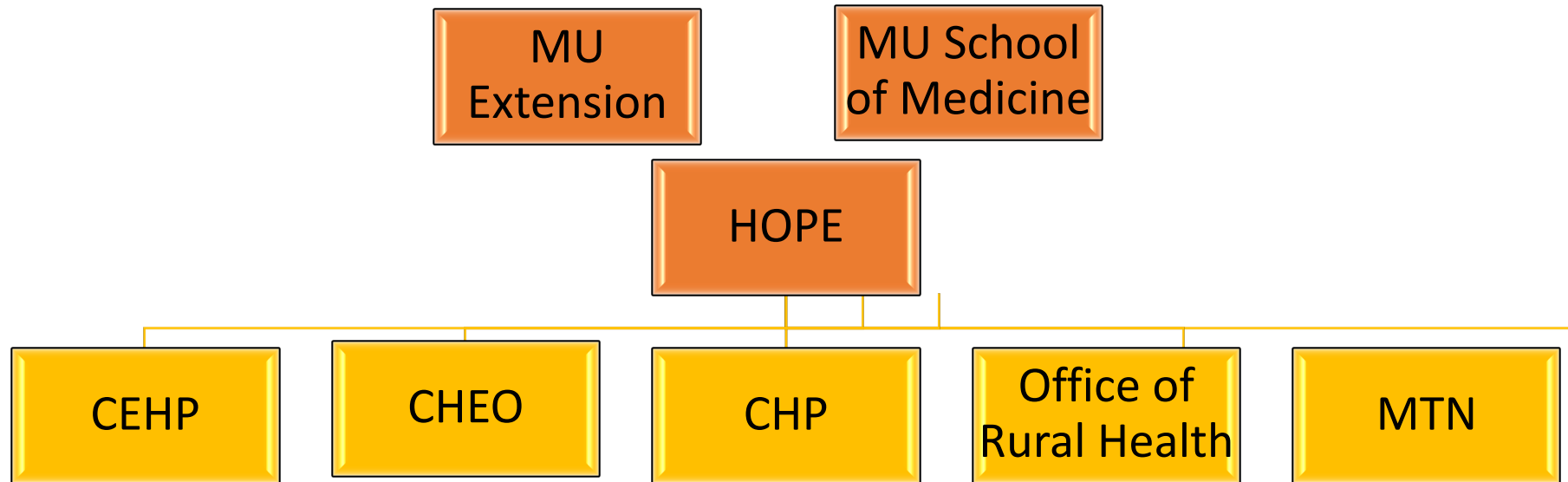
Research-based information and programs to help people improve quality of life in all environments, including where they live, work, learn and relax.



Health and safety>

Educating professionals to preserve and protect the health and safety of Missourians statewide at work, at home and in public.

Health, Outreach Policy and Education (HOPE) Structure



Continuing
Education for
Health
Professions

Community
Health
Engagement
and Outreach

Center for
Health Policy

Office of
Rural Health

Missouri
Telehealth
Network

OFFICE OF HEALTH OUTREACH, POLICY & EDUCATION

The organizational structure was created on Jan.1, 2020 when Dr. Kathleen Quinn was appointed Associate Dean and Senior Program Director for Health and Safety, MU Extension.

- Well-positioned to make significant contributions to:

- advance the health of Missourians
- gain additional grant funding
- help MU achieve its vision for NextGen Precision Health

Brought together:

- Center for Health Policy (SOM)
- Community Health Engagement and Outreach (CHEO) (Extension)
- Continuing Education for Health Professions (Extension)
- Office of Rural Health (SOM)
- Missouri Telehealth Network (SOM)





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Community Health Engagement and Outreach

Chiquita Chanay, Kathryn Morgan and
Lynelle Phillips

- Substance Abuse Mental Health Services Administration (SAMHSA) Rural Opioids Technical Assistance (ROTA)
- USDA/NIFA Rural Health and Safety Education (RHSE)
- Iowa State University's Partners in Prevention Science Institute (PPSI) PROSPER State to State (P2S)
- MO Department of Health and Senior Services (DHSS) Rural Medical Services Community Health
- HRSA An Innovative Model to Increase Primary Care Physicians for Rural and Underserved Missouri
- **Extension Foundation's Extension COVID Immunization Training and Education (EXCITE)**



EXCITE

Extension Collaborative on
Immunization Teaching & Engagement

EXCITE Activity I – 25k

Lynelle Phillips, PI

Chiquita Chanay, Co-PI

Kathryn Morgan, Co-PI

Rachel Buenemann, Co-PI

COVID-19 Vaccine subject matter expertise for county engagement specialists throughout rural Missouri will be enhanced through:

- 1) a monthly livestream vaccine educational series and through the distribution and
- 2) utilization of “cue cards” for Extension professionals. The cards will provide facts and samples of key communication points.
 - ❖ Partnership with Missouri Immunization Coalition

TIPS FOR COVID CONVERSATIONS

- Statements about vaccine concerns may sound factual (*Spoken: "I hear that vaccines cause autism."*) when they are really emotional (*Unspoken: "I love my kids and I'm scared by the things that might hurt them."*).
- Affirm emotions before addressing the facts.

Listen: Ask about specific concerns. *"Can you tell me what you've heard that troubles you?"*

Affirm: Validate their emotions. *"Yes, I've heard that, too. That is very scary, and I can see how much you love your child."*

Reflect: Check to make sure you heard things correctly. *"What I hear you saying is...."*

Share: Present both the facts and your own stories now that you have shown respect and established trust. *"May I share a few things with you?"*



in partnership with MU Extension

MYTH:

You may have heard that vaccines can cause you to become magnetic

FACT:

COVID vaccines:

- Do not contain any ingredients that would produce an electromagnetic field contain metals (eg iron, cobalt, nickel, mercury, lithium, etc)
- Do not have a high enough dose to attract magnets to your vaccination site (*even if it were possible*). The dose is only a half of a milliliter.

Printed September 2021 | Reference: CDC 2021



in partnership with MU Extension

MYTH:

**You may have heard that
the trials were rushed
and there is not
enough safety data**

FACT:

- All four clinical trial phases were completed before emergency use authorization. No steps were skipped.
- COVID vaccines are undergoing the most intensive safety monitoring for any vaccine in history.
- Millions of people have been vaccinated against COVID safely and are now protected from a severe disease.
- Nearly all negative effects from vaccines happen immediately or at the latest, within 30 days.
- Long-term negative effects are highly unlikely. Vaccines do their job (generate an antibody response) and then they are done. No ingredients linger in the body.
- Vaccines are evaluated by independent safety monitoring boards and committees of doctors and epidemiologists. These people do not benefit financially from a vaccine getting approved or licensed.

Printed September 2021 | Reference: CDC 2021



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MYTH:

You may have heard that
the vaccine causes
infertility

FACT:

- There is no evidence that any COVID vaccine causes infertility.
- There was an early claim that COVID vaccines contain Syncytin-1 which is vital to the formulation of placenta in women. No COVID vaccine contains Syncytin-1.
- There is some evidence that being sick with *COVID disease* affects sperm production in men by causing inflammation and micro clotting in men's testicles. This could affect fertility for some couples.

Printed September 2021 | Reference: CDC 2021



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MYTH:

**You may have heard
that it's more dangerous
to get the vaccine than
not vaccinating**

FACT:

- Some people think their risk for COVID disease or severe disease is very low and the vaccine is risky.
- COVID disease has killed over 600,000 people in the US. The vaccine is safe with little to no fatalities.
- Vaccinating not only protects you but everyone around you.
- Vaccines work against variants. The more people vaccinated the less disease spread and the less risk for the virus to mutate into new variants.
- Nearly all COVID hospitalizations and deaths are unvaccinated patients

Printed September 2021 | Reference: CDC 2021



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MYTH:

**You may have heard
that the vaccine contains
a microchip that tracks
movement**

FACT:

- There is no microchip in the vaccine. Vaccines come in multidose vials so inserting a microchip in each and every syringe would be impossible.
- You may hear a click when you are vaccinated. This has nothing to do with microchips. That is a feature of modern syringes that protects health care providers from needle sticks. The sound you hear is the needle snapping back into the syringe where it can't poke anyone by accident.

Printed September 2021 | Reference: CDC 2021



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MYTH:

**You may have heard
the vaccine is not
safe for children**

FACT:

- COVID vaccination can safely help protect your child from getting COVID.
- Children can become very sick with COVID.
- Some children experience a multisystem inflammatory syndrome from COVID disease which can be deadly.
- Children can spread the virus that causes COVID to others. Getting your child vaccinated helps to protect your child, your family, and people around you.
- COVID vaccination is now recommended for everyone 12 years and older.

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MYTH:

**You may have heard
the vaccine is not
safe to take during
pregnancy**

FACT:

- COVID vaccines have been deemed safe for pregnant and lactating women by the American College of Obstetricians and Gynecologists.
- In fact, COVID vaccines are strongly encouraged. There have been some tragic cases of COVID disease in pregnant women.
- COVID vaccines do not harm the fetus, and in fact may protect babies from COVID disease after they are born.
- Thousands of pregnant women have been safely vaccinated against COVID.

Printed September 2021 | Reference: CDC 2021

Next steps –

- Currently being printed for distribution to all 115 Extension County Engagement Specialists
- MIC creating a “landing page” on moimmunize.org website
 - E-versions of cards available
 - Companion videos by experts for each card
- Extension Foundation circulating cards among Land Grant Universities
- Evaluation project being planned by joint University Extension/Journalism School
- More cards! (Welcoming any ideas for myths to address).



Join the Missouri Immunization Coalition!



[Who We Are](#)

[What We Do](#)

[For Our Healthcare Professionals](#)

[For Our Parents and Families](#)

[For Our Educators](#)

[MIC Media Toolkit](#)

[COVID-19 Resources](#)

Moimmunize.org

