

COVID-19 & K-12 Schools

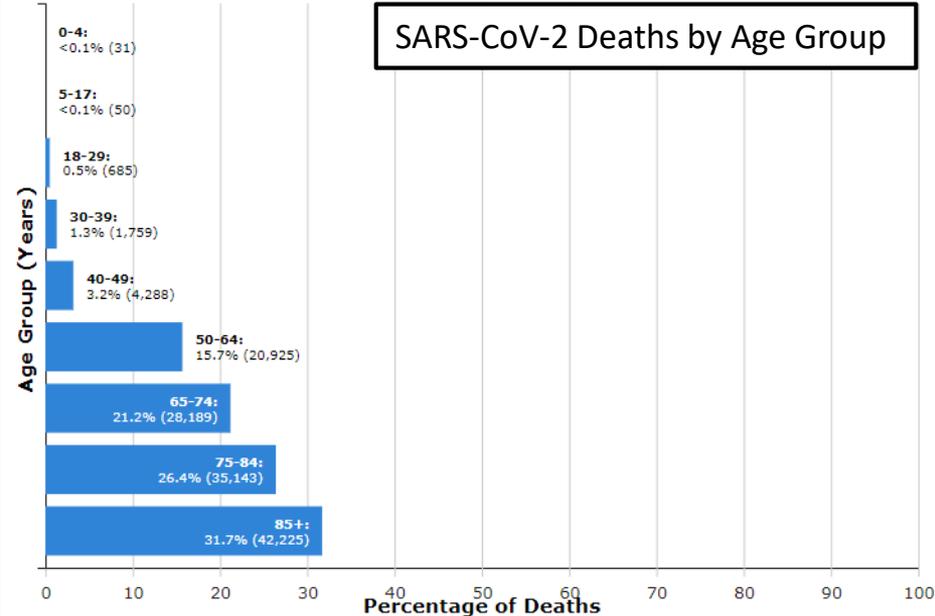
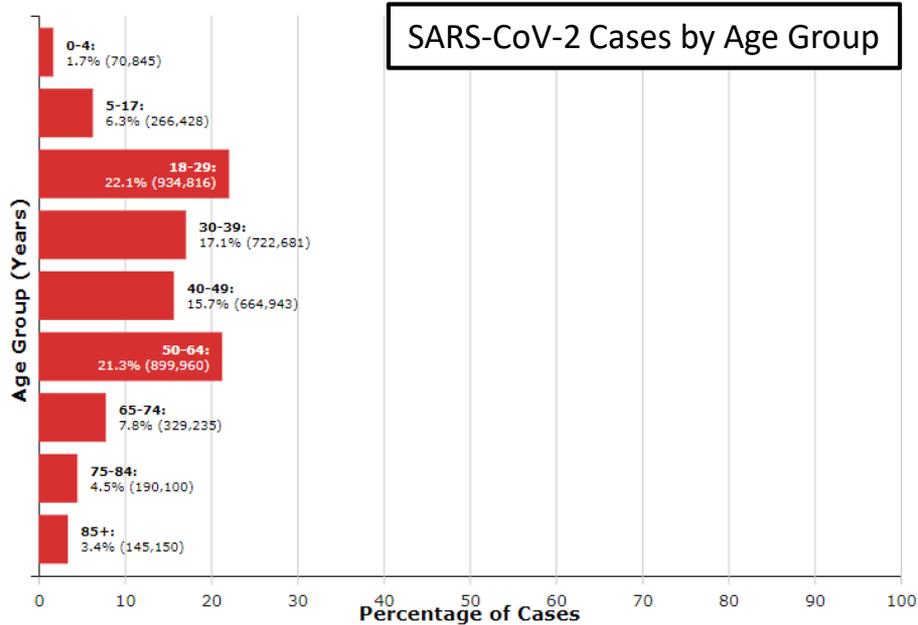


*Departments of Health & Senior Services
and Elementary & Secondary Education*

September 9, 2020



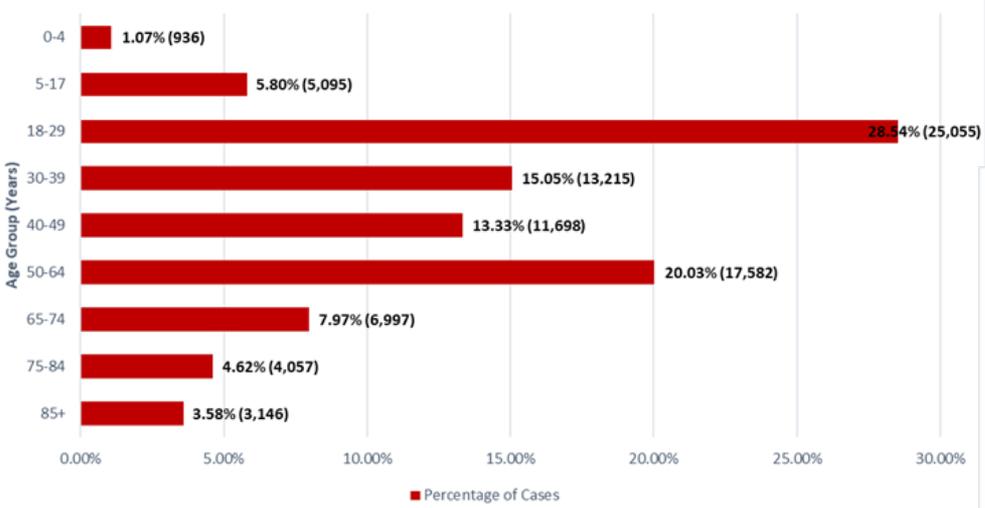
SARS-CoV-2 & Children Epidemiology



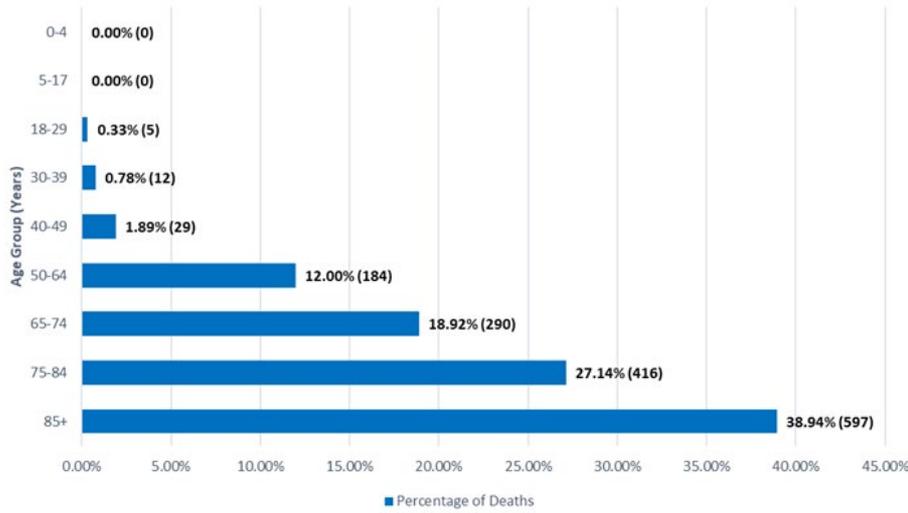
National data

COVID-19 & K-12 Schools

COVID-19 Cases by Age Group



COVID-19 Deaths by Age Group



Missouri data by age available as of 9/9/20

SARS-CoV-2 & Children Transmission & Infection

- Probability of clinically symptomatic infection is age-dependent
- Children appear 40-50% less likely to become infected
- 45% of infections in children are asymptomatic



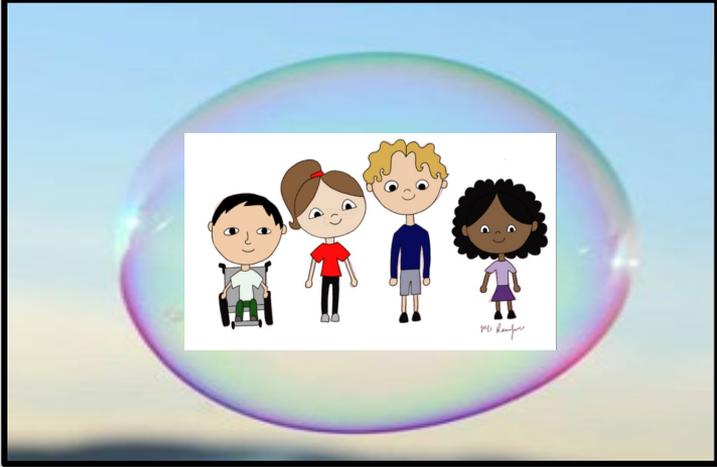
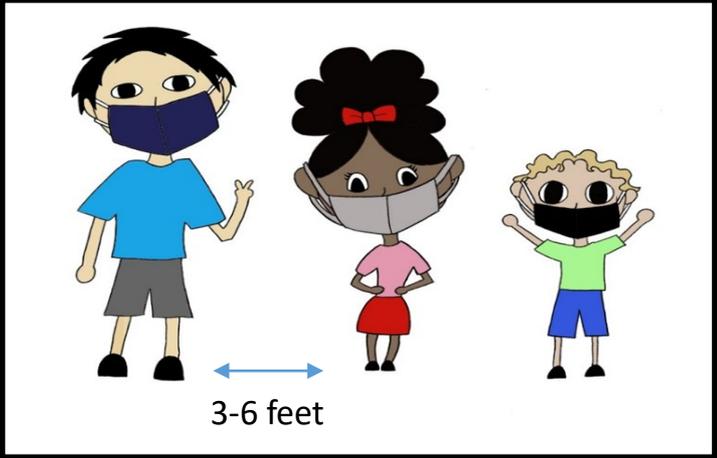
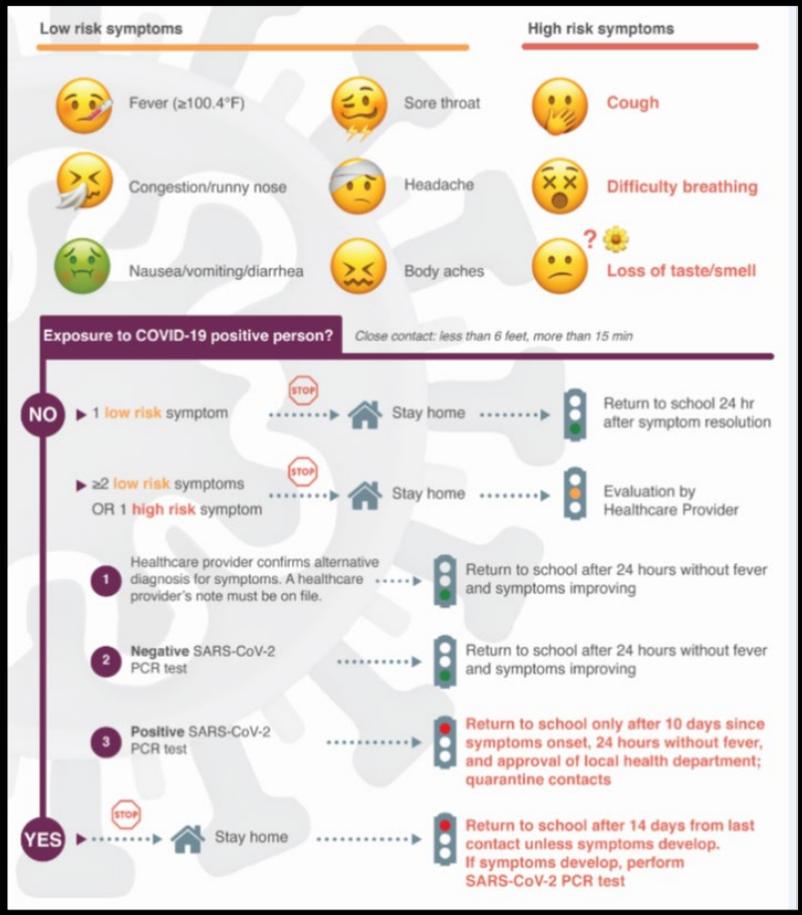
SARS-CoV-2 & Children Schools

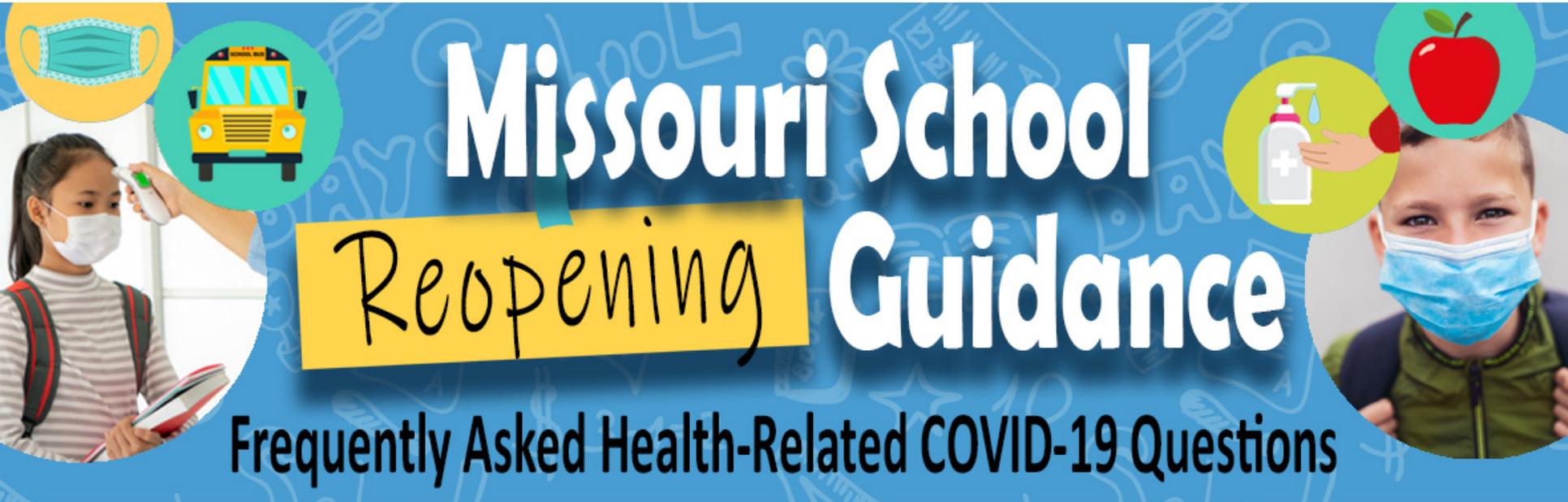
- Daycares and day camps have operated with little spread of SARS-CoV-2
- Schools which reopened **with mitigation** in place have seen little transmission *in* schools
- Transmissions in schools primarily between adults
- Transmission in adolescent occurs readily with unmasked and social encounters



Not to scale

Mitigation Strategies in Schools are Important





Missouri School Reopening Guidance

Frequently Asked Health-Related COVID-19 Questions

Look for update icon to see new information



- Issue: Positive case reporting & communication
 - ❑ Schools notify LPHAs if/when family self-reports positive case to school office
 - ❑ LPHAs notify schools if/when unaware of positive case when notified by DHSS

- Issue: Contact tracing
 - ❑ LPHAs begin within 24 hours when positive case is a school-aged child
 - ❑ LPHAs review school documentation & only exclude the necessary close contacts
 - Schools may assist, but LPHAs have legal authority to quarantine
 - ❑ Schools must alter procedures to limit contacts

- Issue: Quarantining close contacts
 - ❑ LPHAs “recommend” vs. “order”
 - ❑ Inconsistencies in directives
 - Problematic for neighboring districts or districts crossing county lines
 - Negative test can’t shorten time frame

- Issue: Masks/face coverings
 - ❑ DHSS/DESE guidance strongly urges school leaders to require students & staff wear masks
 - ❑ While masks do not limit close contacts (per CDC), research shows masks limit transmission of the virus



Missouri Telehealth Network
University of Missouri

— Show-Me ECHO —

**COVID-19
& KIDS
ECHO**

**Start Date: September 17, 2020
Held weekly on Thursdays
4:00-5:00 PM**

GOALS:

- Bring together pediatric infectious disease specialists, school leaders, school nurses, LPHAs & primary care physicians to discuss COVID-19 & kids
- Share timely information about COVID-19 & kids
- Provide a platform for information sharing & learning across communities caring for children



Email live webinar questions to:
Communications@dese.mo.gov
Updates: dese.mo.gov/covid19