

Infection Control and Public Health Weekly Meeting

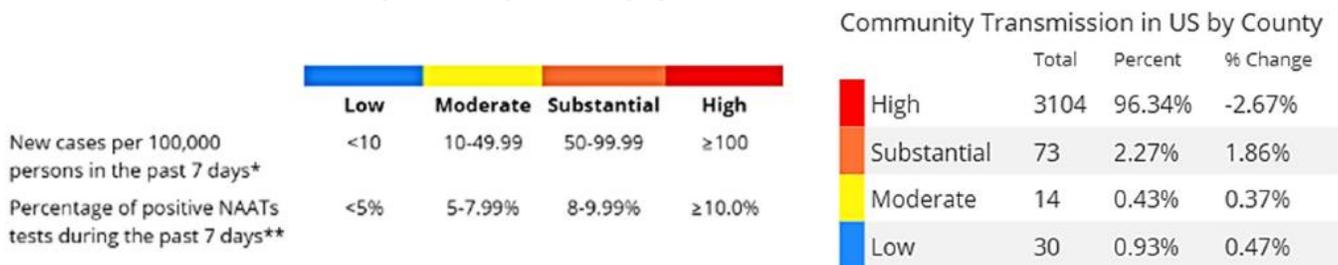
Thursday, February 17, 2022; 12:30 – 1:00 pm

Zoom <https://bsmh.zoom.us/j/4143572261>

COVID-19 and Public Health Updates (Health Commissioners)

- Region Six ... 480 COVID-19 hospitalized (19%) / 99 ICU (23%) / 77 vents
- COVID-19 inpatients peaked at 1,033 (39%) and 200 ICU (Jan 14)
- 10.2% positive test rate (2,286 tests) – 14 county (peak 34%)
- FDA delayed evaluation of Pfizer vaccine age 6 mo – 4 years until mid-April to evaluate third dose and vaccine efficacy (age 2-4)
- CDC plans to update federal masking guidance and subsequently ODH (community spread, case counts and hospitalizations). CDC currently recommends people wear masks indoors in public if they are in an area of substantial or high transmission. Anticipated that CDC will use replaced case rate with hospitalization rate.

CDC classification uses cases per week per 100k population to determine transmission risk



Planning for the Next Surge (SARS-CoV-2 or other)

- Testing site opening and staffing plans, likely to use sites (such as Crossroads) with higher volumes. Also to include hospital and emergency department expansion and staffing.
- Focus now on catching up on routine infection control and mental health. Resiliency training and mental health resources for direct healthcare workers. Reviewing nursing crisis standards of care. Supply chain effects and opportunities to improve next surge.
- Healthcare-associated infections started trending upward during the pandemic, especially with prolonged ICU stay / mechanical ventilation (20-30 day length of stays)
- After February 14, federal, state, accreditation, and CMS-contracted surveyors will begin monitoring for full COVID-19 vaccine compliance subject to roll-out plan

Visitor Restrictions

- Health systems considering opening back up to two visitors per patient. Ambulatory offices mostly staying at one visitor.
- Hospital visitors decreased from two to one per patient across the health systems (effective January 10) with signage and coordinated media statements.
- Continue discussions in anticipation of new CDC guidelines and hospitalization numbers.
- At this time the committee recommends waiting another week to expand visitors from one to two to assure COVID-19 hospitalizations are further decreased and possible new CDC guidelines.

Overdose Fatality Review (Dr. Mooney)

- Intentional versus unintentional difficulty to determine. Evaluating potential interventional tactics and recommendations. Multi-disciplinary review.
- Suicide facility review board expanding.
- Recommend adding fentanyl to urine drug screens for all systems. Committee will determine status. Mercy system just added fentanyl.

Ohio National Guard and Testing (Tiffany Mattingly)

- Completed deployments at UCMC and Christ (Feb 11)
- Closing remaining Ethos testing sites (Feb 18) Mason Crossroads, Eastgate Crossroads, Montgomery (may reopen if another surge)
- Several ONG now interested in careers in healthcare. Working to create a pipeline for healthcare careers.
- At home test kits distributed by ODH to public health, libraries, YMCA
- Hamilton county contracted testing provider expected to be up in the next 1-2 months
- Looking for feedback and lessons learned from ONG testing site deployment

Multi-Drug Resistant Organism – *Candida auris* (Dr. Forrester)

- 11 confirmed (and 7 suspected) cases of *Candida auris* in Hamilton County in January
- Prolonged length of ICU stay / ventilation with COVID-19 in addition to prolonged broad spectrum antibiotics.
- *Candida auris* and other multi-drug resistant organisms increased during the pandemic – mostly due to long term ventilation.
- Prolonged use of PPE in Covid units resulting in hospital associated pathogen transfers between patients. Renewed focus on pathogen specific PPE (such as C diff) and execution of PPE use.

Bebtelovimab (Lilly) – New COVID Monoclonal Antibody Authorized by FDA

- Shipments will begin on Monday (Feb 14) from HHS to state departments of health with a plan for 600,000 doses to be delivered by the end of March.
- In vitro activity against the omicron BA.2 variant (antibody neutralization).

COVID-19 Vaccine in Pregnancy

- MMWR report of lower hospitalization of infants age < 6 mo born to vaccinated mothers
- Protective SARS-CoV-2 IgG levels in infants at 6 mo 57% for mRNA vaccine at 20 to 32 weeks gestation compared with 8% in mothers with COVID-19 infection (20-32 weeks)

COVID Prenatal Testing Pregnant Patients

- Patients should be referred to diagnostics for testing at 37-38 weeks and weekly until delivery
- If no result available and the provider wants a result for an asymptomatic patient, nursing staff can collect a rapid upon admission, but this is not the preferred process.
- “Corticosteroids for pregnant patients” section added to the COVID order sets

Mercy Health Orderset Example

Corticosteroids for Pregnant Patients

For Pregnant Patients:

dexamethasone (DECADRON) 10 mg/mL injection 6 mg
6 mg, IntraVENous, EVERY 24 HOURS, 10 doses, First dose today at 0800, Last dose on Fri 2/25 at 0800

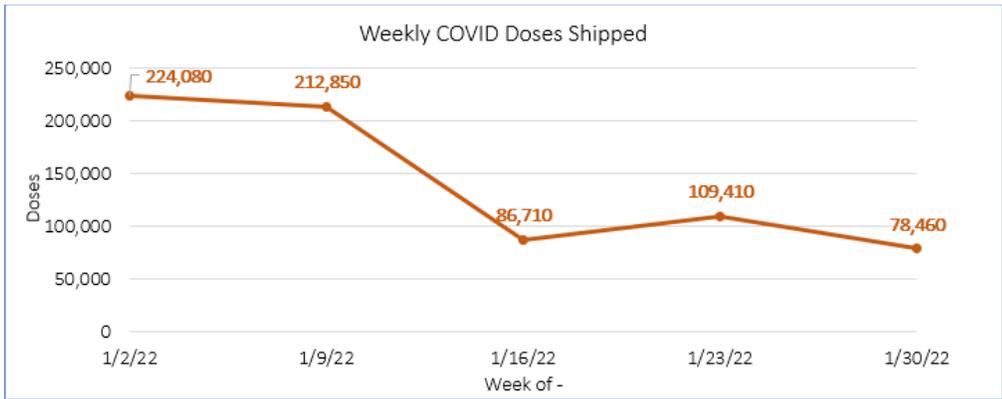
Or

dexAMETHAsone (DECADRON) tablet 6 mg
6 mg, Oral, EVERY 24 HOURS, 10 doses, First dose today at 0800, Last dose on Fri 2/25 at 0800

For Fetal Lung Maturity (24 to 33 6/7 weeks of gestation):

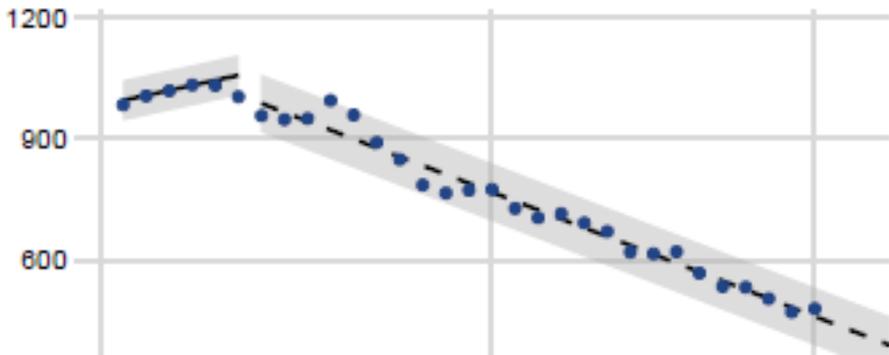
ODH Covid Vaccine Distribution (Week of Jan 30)

- 269 orders shipped / 78,460 doses (total all brands)
- 1,700 Janssen doses
- 19,000 Moderna doses
- 37,860 Pfizer adult and 19,900 pediatric doses

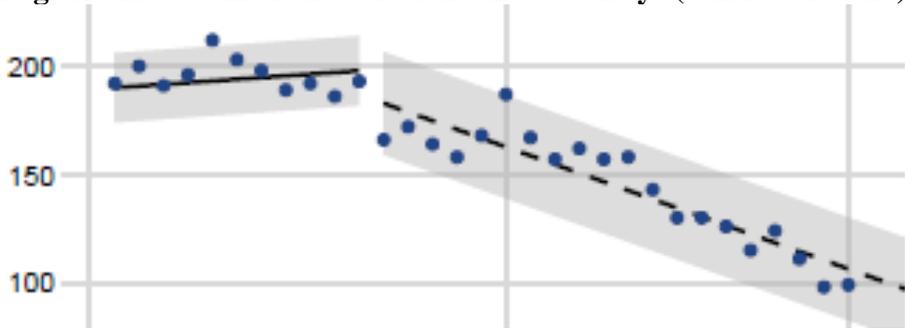


Next Zoom Call ... **Thursday, February 24** (12:30 – 1:00 pm)

Region Six COVID-19 Inpatients Last 30 Days (Jan 16 – Feb 15)



Region Six COVID-19 ICU Patients Last 30 Days (Jan 16 – Feb 15)



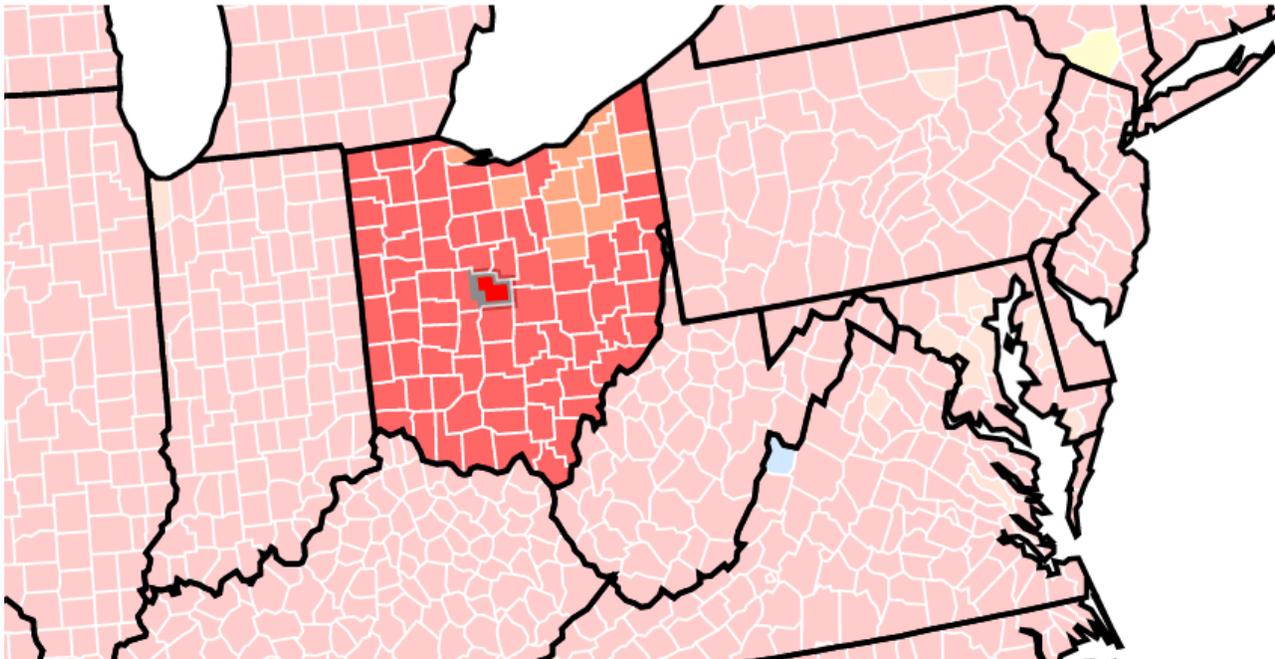
Ohio Incidence Rate Cases per day (7-day average) by Region



Region	Incidence Rate (cases/day/100K)	R	CDC classification
1	23.7	0.73	high
2	13.2	0.86	high
3	27.0	0.63	high
4	24.1	0.69	high
5	14.6	0.71	high
6	27.7	0.68	high
7	60.4	0.76	high
8	31.0	0.72	moderate

Source: David Hartley, PhD, MPH; UC Department of Pediatrics

Level of Community Transmission in Delaware County, Ohio



● High
 ● Substantial
 ● Moderate
 ● Low
 ● No Data

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