

Weekly COVID Update

January 13, 2022

Extremely
HIGH

Tulsa County New Cases Risk Level: 164/100K (Extremely High)

- Up from 28/100K Last week (numbers were suspect based on other data)

Oklahoma State Hospital Risk Level – 1210 3-day average (Very High)

- Hospitalizations 1.8% relative to active cases (3.6 relative to last week's cases)
- 64,444 active cases (up from last week 30,090 active cases in Oklahoma; rate of 182/100K)

Children: 37 pediatric hospitalizations in OK this week; compared to 27 last week

Variants: 12/23 to 1/6 53% Omicron and 47% Delta in our area

- Omicron: see next page; OSDH two weeks behind on variant reports
- Pfizer and Moderna about 75% protective after third dose for about 3 months
- Israel doing 4th dose of Pfizer in elderly over 60 and high risk

Immunization:

- USA and UK and Europe talking about 3 doses to be “fully vaccinated”
- Booster recommendation for 12 and over in effect; can mix brands
- Children 5-11 now eligible and getting vaccinated

Information on Omicron (1/13/2022)

- Dominant in US
- Can still cause severe disease and death

Immunity

- Previous infection with original virus not protective against Omicron in South Africa
- Previous vaccination with 2 doses of Pfizer or Moderna, low efficacy vs Omicron infection
 - Increases to 70-75% protection against symptomatic infection if third booster given

Hospitalization – lower risk than Delta

- South Africa data – hospitalization risk about 80% lower (younger population than US)
- Scotland data – hospitalization risk about 60% lower
- England data – hospitalization risk about 40% lower
- Kaiser Permanente – hospitalization risk about 70% lower

Therapeutics: all in short supply

**Advice: get your booster and make preparations for rough January and February.
This next wave likely be over by April.**