

Data Visualizations Portfolio



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Nevada Vaccine Landscape: COVID-19 and its Impact on Routine & Recommended Immunizations

This report aims to provide an assessment of select vaccination rates in Nevada and evaluate disparities by geographic and demographic variables, both before and after the COVID-19 pandemic.

Data Source:

Nevada's Immunization Information System (NV WebIZ)

Data Analysis:

SAS 9.4

Visualizations:

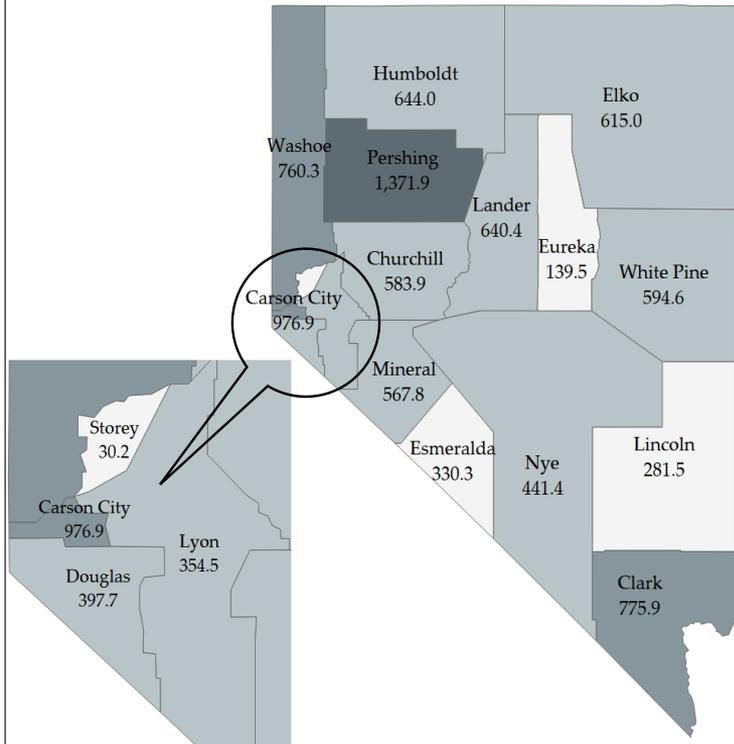
Tableau 2021.1.15

Maps

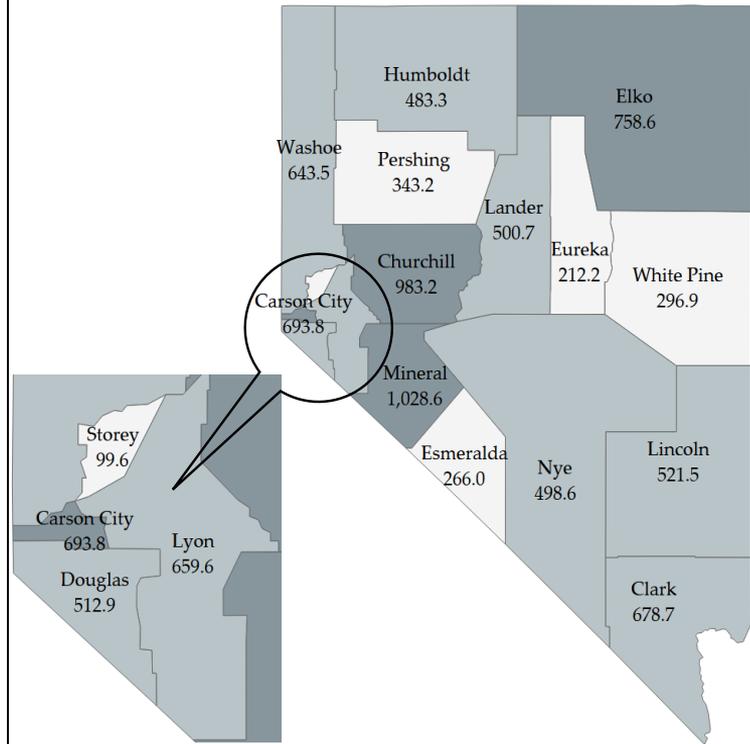
Average COVID-19 Cases per 100,000 in Nevada by County & Year



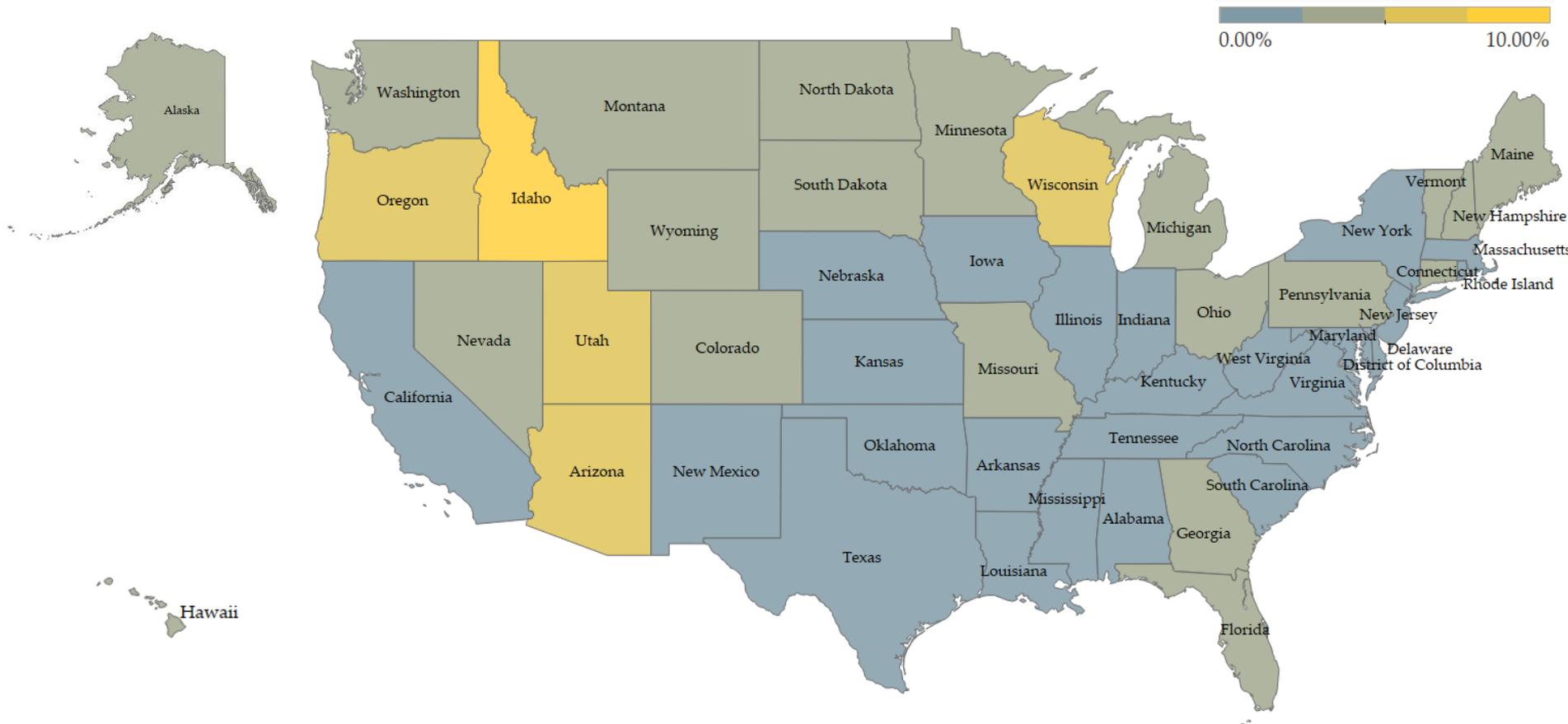
2020



2021

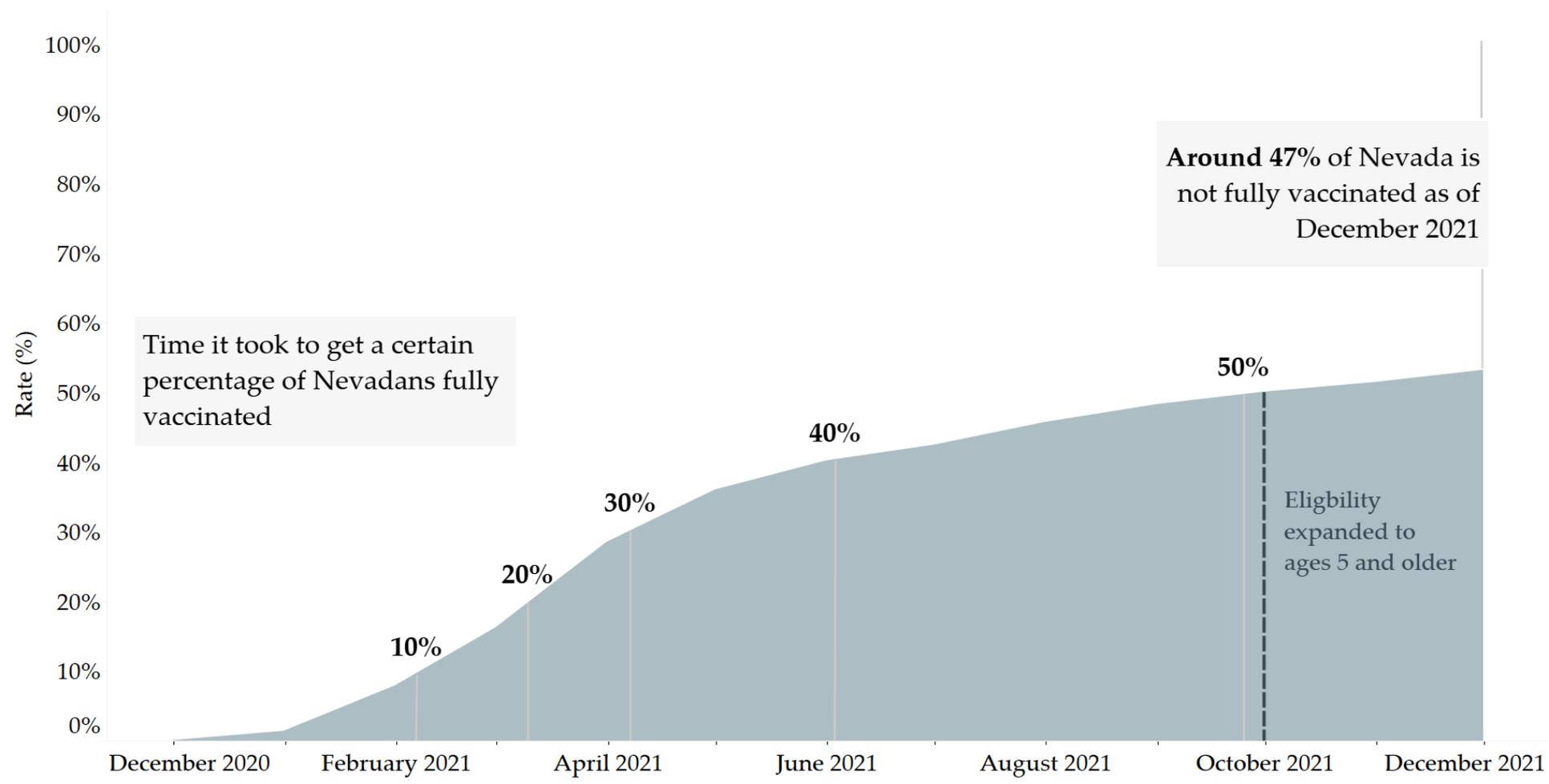


National Comparison of Kindergarten Vaccination Exemption Estimates for the 2020 - 2021 School Year

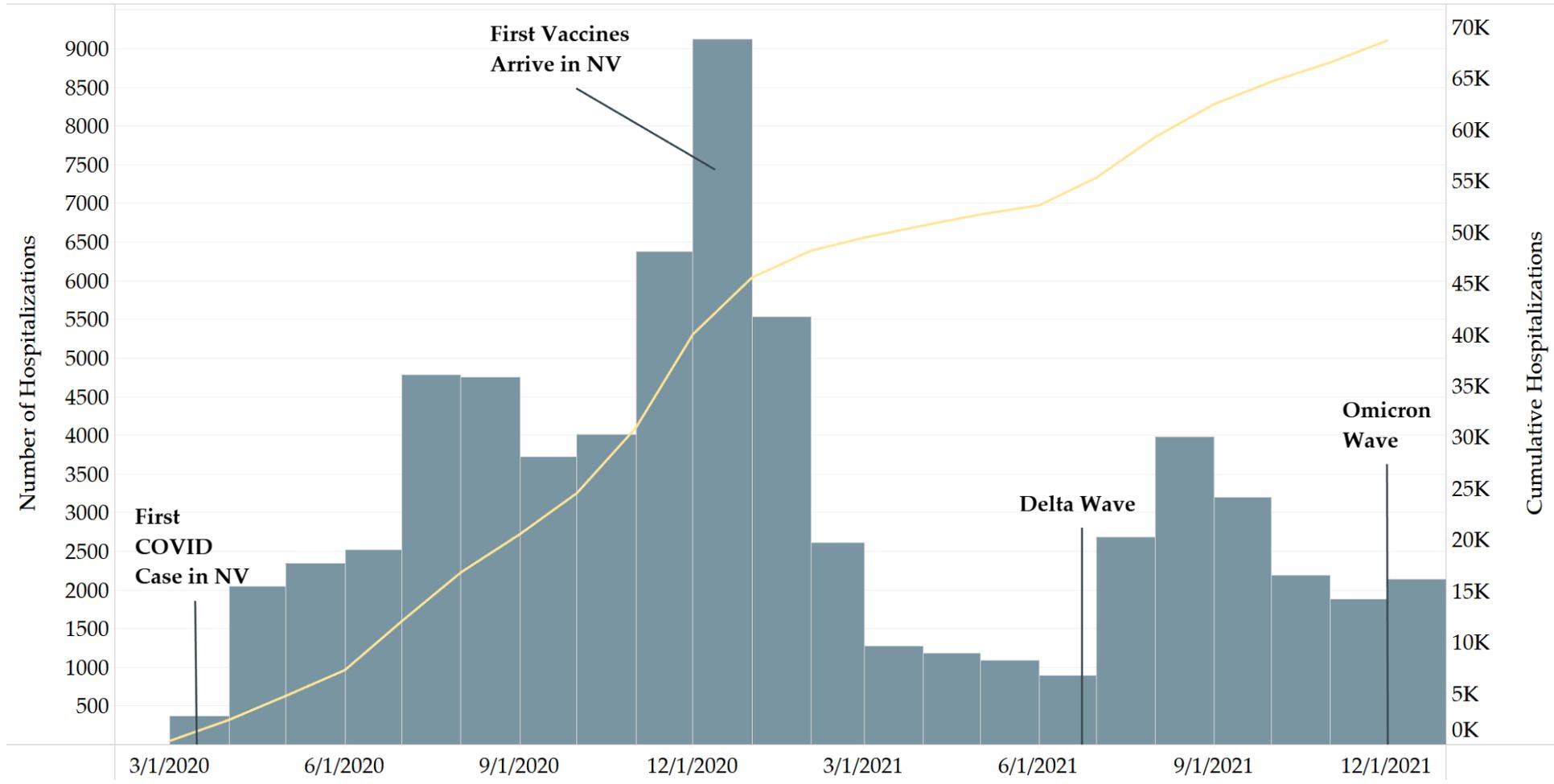


Trends Over Time

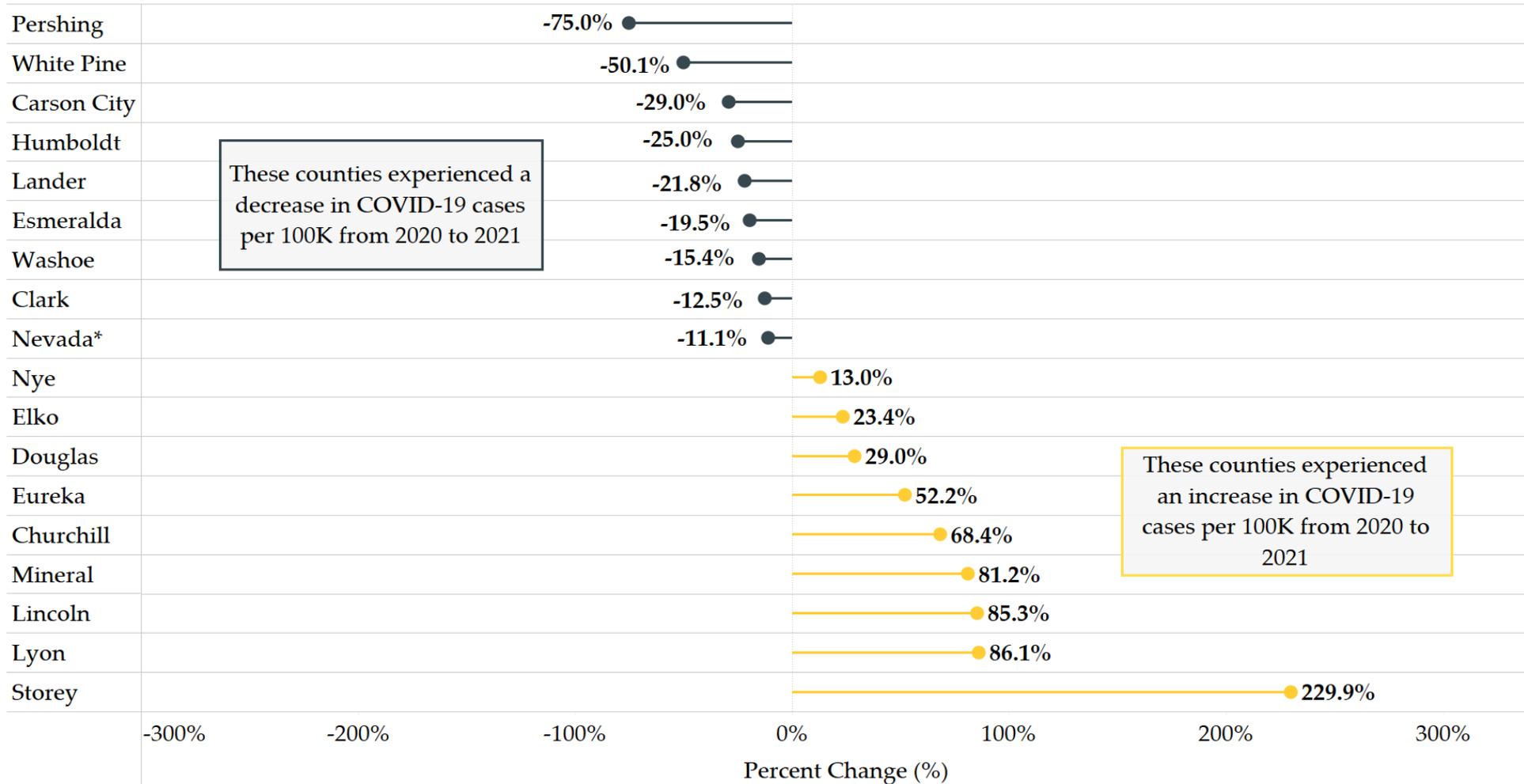
Percent of Nevadans Fully Vaccinated Against COVID-19, 2020 - 2021



Monthly New and Cumulative COVID-19 Hospitalizations in Nevada, 2020 - 2021

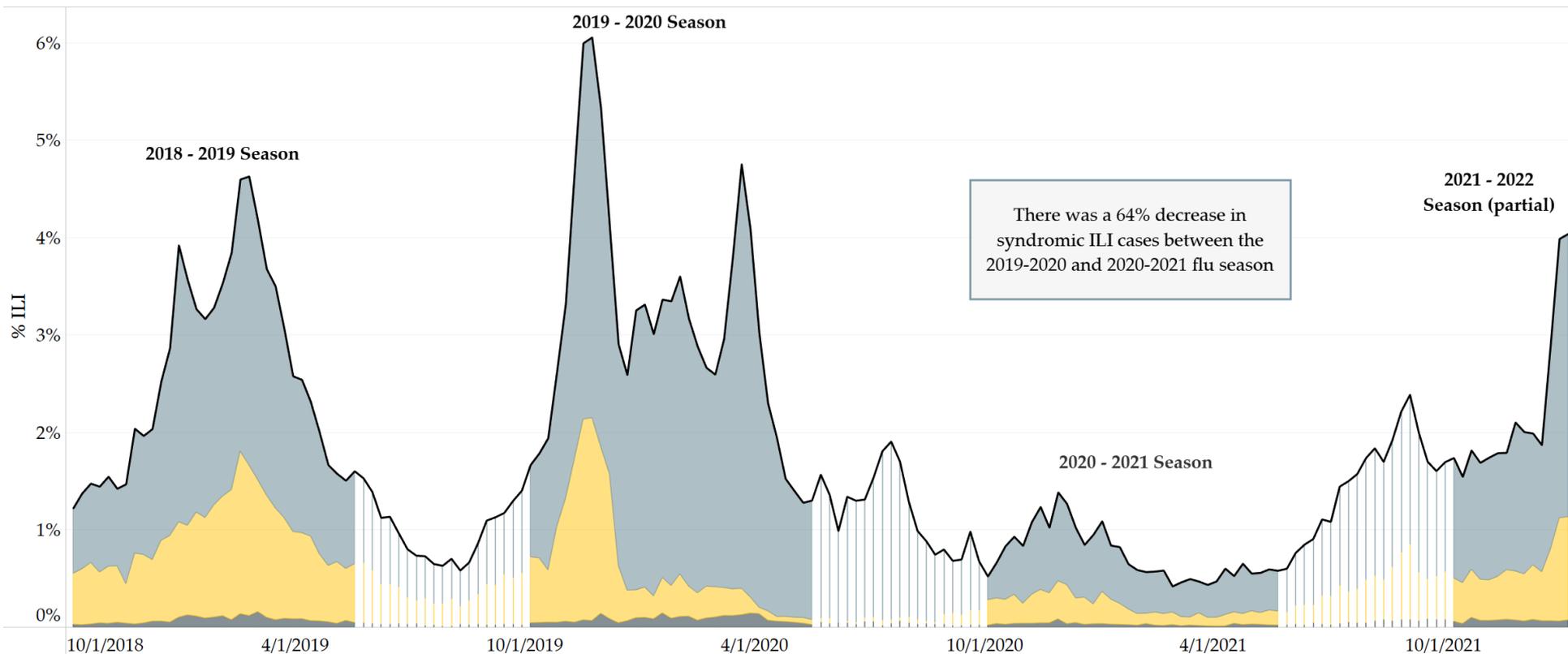


Percent Change in Average COVID-19 Cases per 100,000 from 2020 to 2021 in Nevada by County

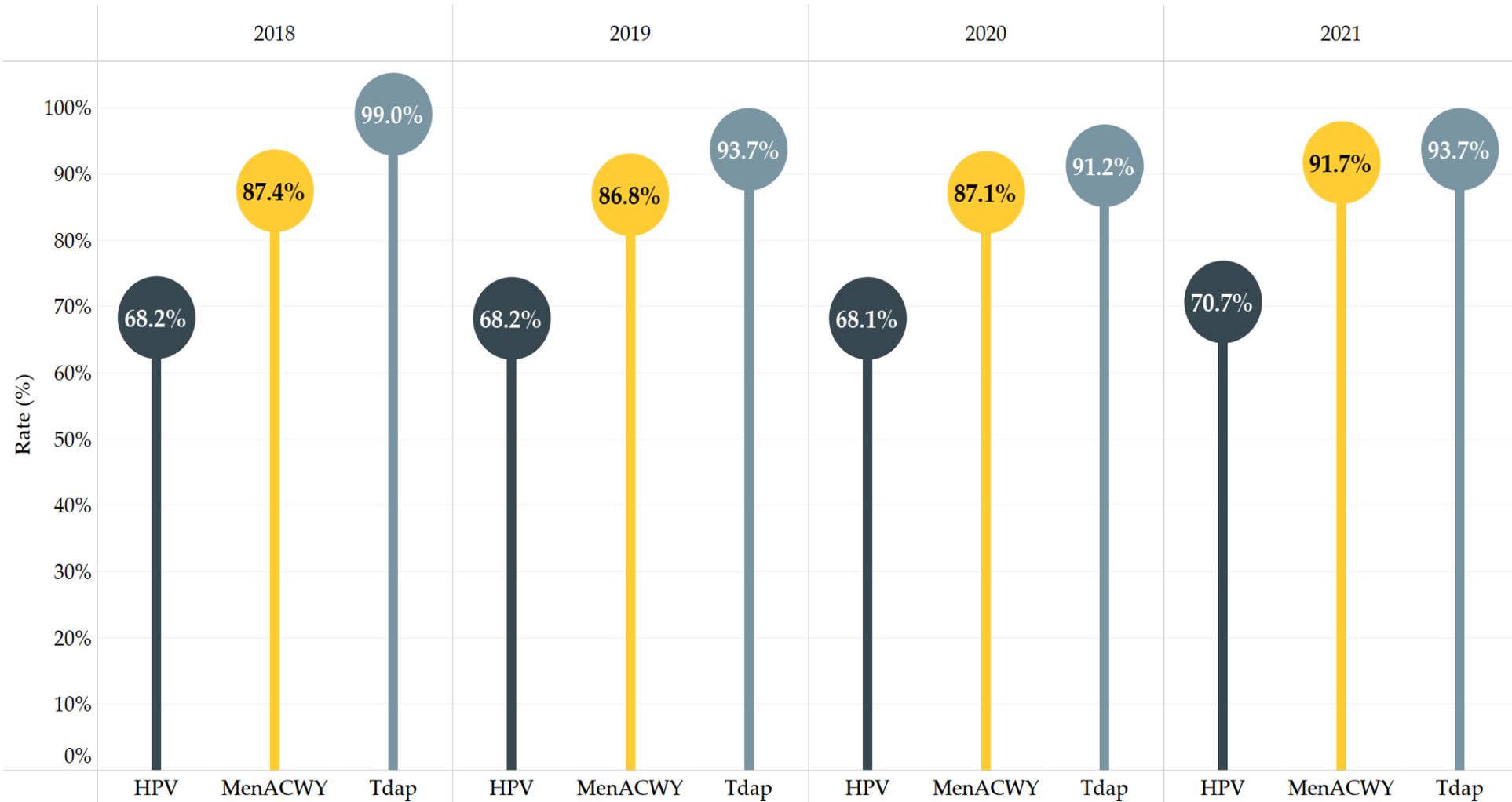


% ILI by Visit Type per Influenza Season – Syndromic Surveillance

- Emergency
- Outpatient
- Inpatient
- Total Utilization



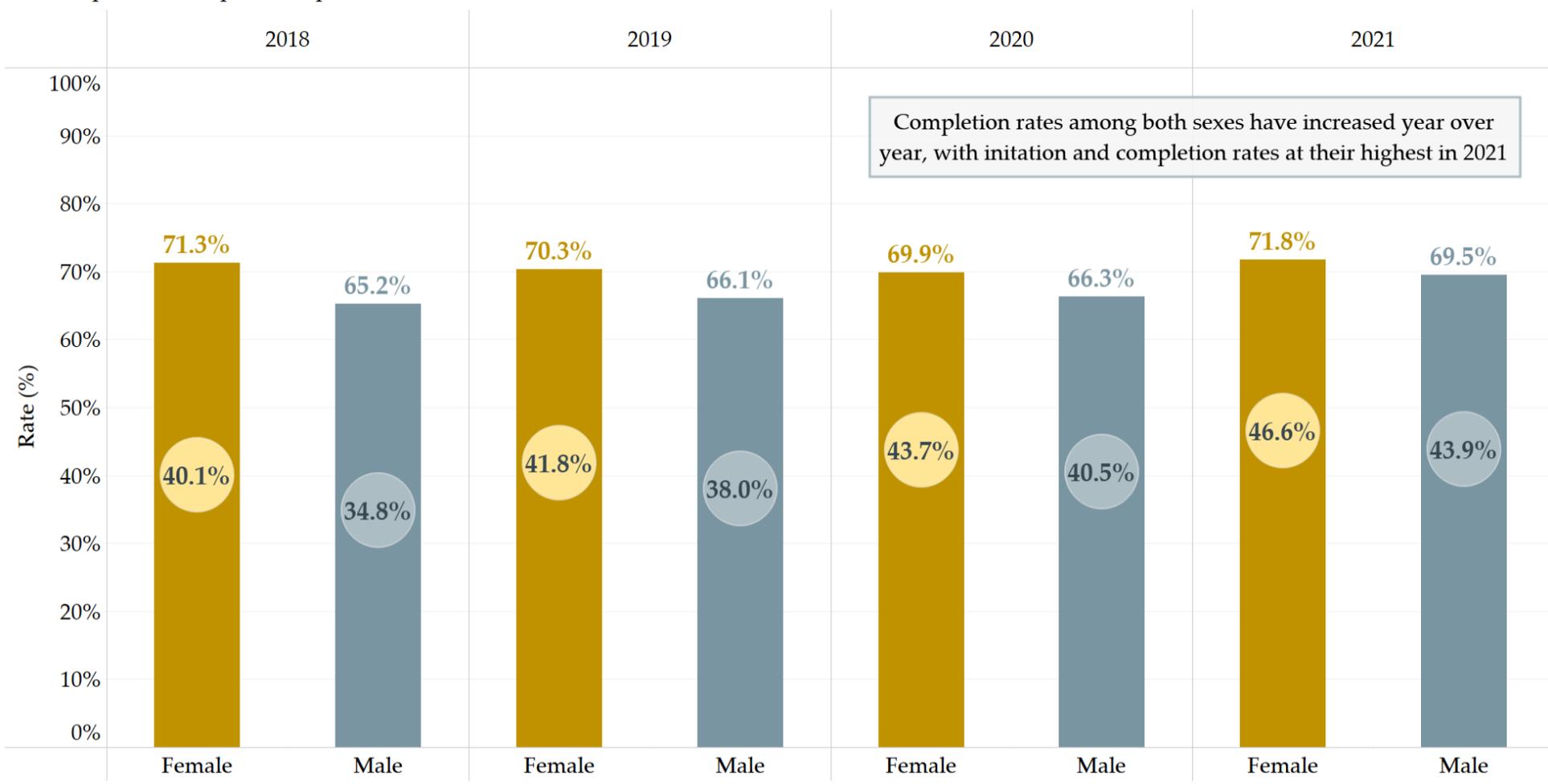
Rates of 13-17 Year Olds in Nevada With At Least 1 Dose by Vaccine & Year



Dual Rates

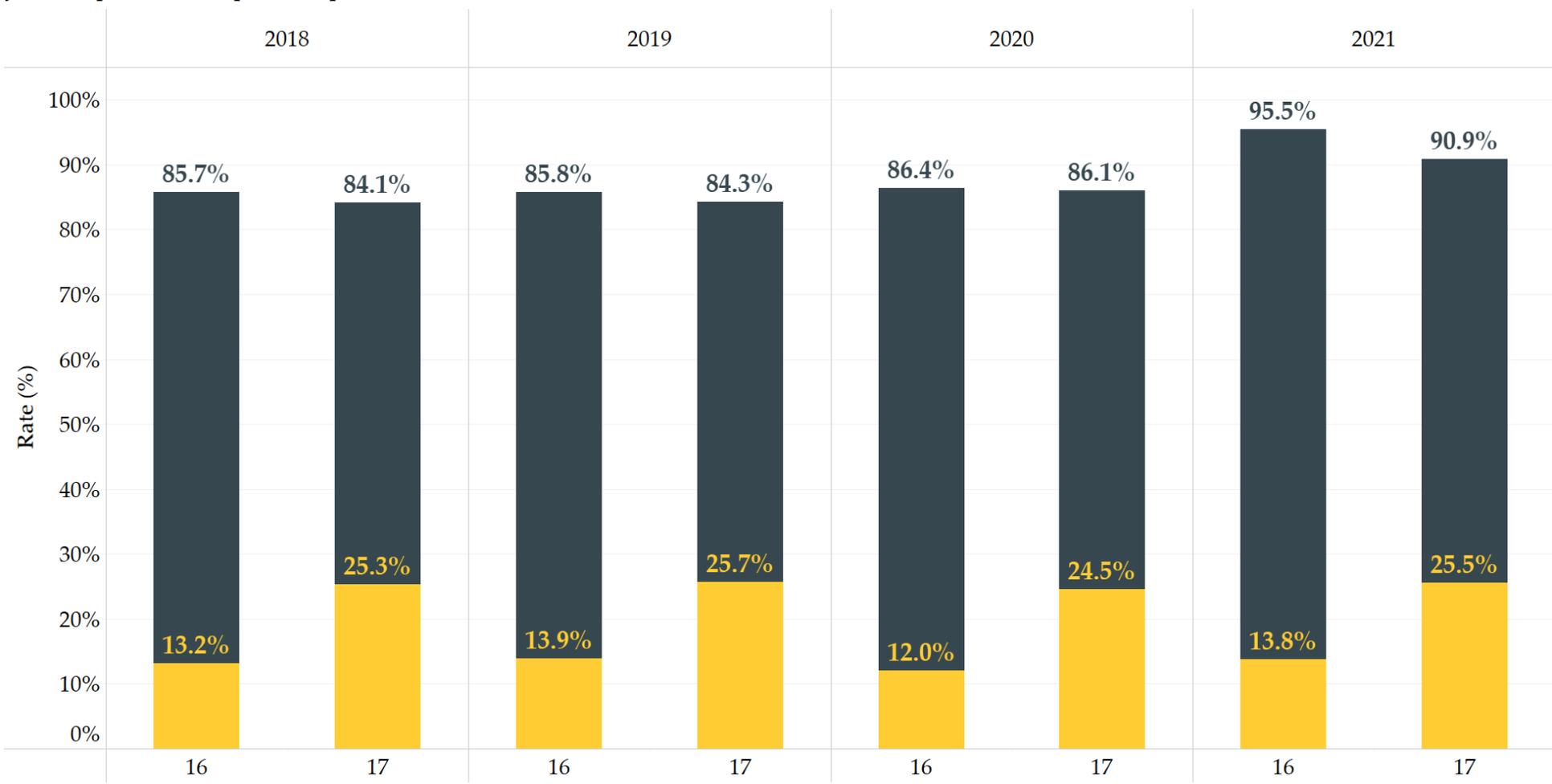
HPV Initiation and Completion Rates Among 13-17 Year Olds in Nevada by Sex & Year

circles represent % of persons up-to-date



MenACWY Initiation and Completion Rates Among 16 & 17 Year Olds in Nevada by Year

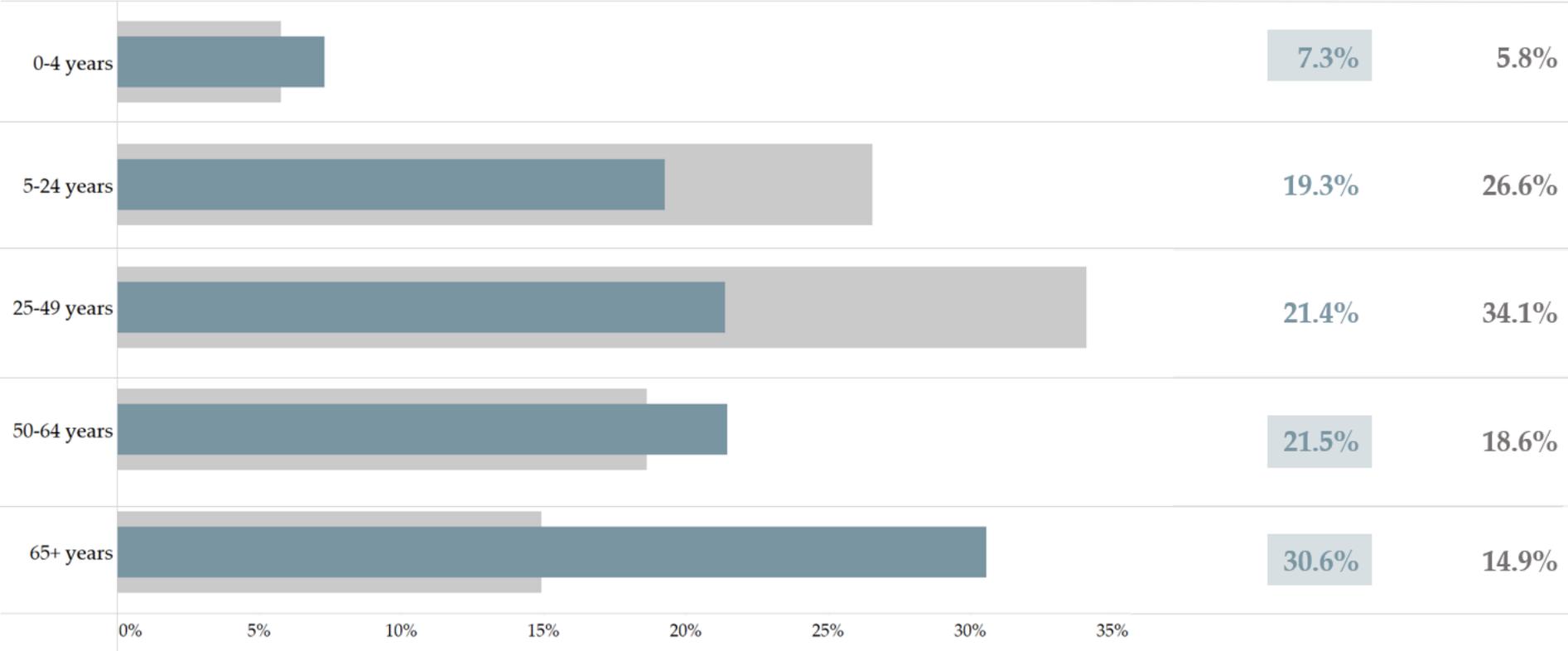
yellow represents % of persons up-to-date



2020-2021 Flu Vaccinations by Age Group, Relative to Nevada Population

Share of vaccinations is higher than share of population

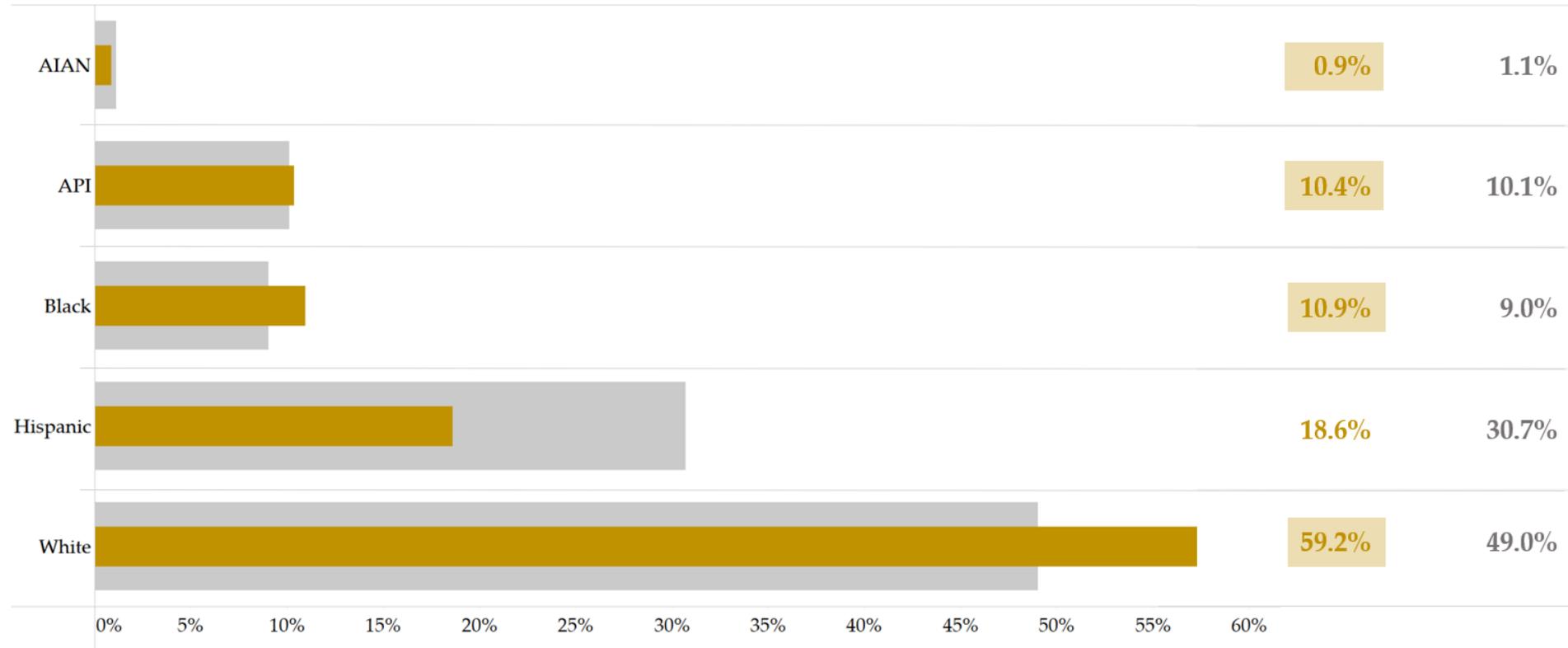
Share of Vaccinations Share of NV Population



COVID-19 Deaths by Race/Ethnicity Relative to the Nevada Population, 2021

Share of deaths is higher than share of population

Share of Deaths
Share of NV Population



Thank You!