

METHODOLOGY

Vaccination numbers are from the Centers for Disease Control and Prevention as of Jan. 12.

[National vaccination rates](#) are calculated by the CDC and include vaccinations provided by federal programs such as the Indian Health Service and the Department of Defense, as well as U.S. territories. To compare the vaccination rollout for kids and adolescents, we counted day 0 as the day the CDC approved the vaccine for each age group: [May 12](#), 2021, for 12- to 15-year-olds and [Nov. 2](#), 2021, for 5- to 11-year-olds.

The CDC provides vaccination numbers at the [state](#) and [county](#) level. These numbers do not include the small fraction of children who were vaccinated by federal programs. To calculate rates for 5- to 11-year-olds, we divided by the total number of kids ages 5 to 11 in each state or county.

To calculate the number of children ages 5 to 11 in each state, we used the U.S. Census Bureau's 2019 [Population Estimates Program](#) "single year of age" dataset, the latest release available. For county-level data, we used the National Center for Health Statistics' [Bridged Race Population Estimates](#), which contain single-year-of-age county-level estimates. We selected the 2019 estimates from the 2020 vintage release so the data would reflect the same year as the state-level estimates.

Vaccination data by age is unavailable for Idaho, counties in Hawaii and several California counties. For county-level vaccination data, we excluded states in which the county was unknown for at least 10% of the kids vaccinated in that state.

Visit the [Github repository](#) to read more about and download the data.