

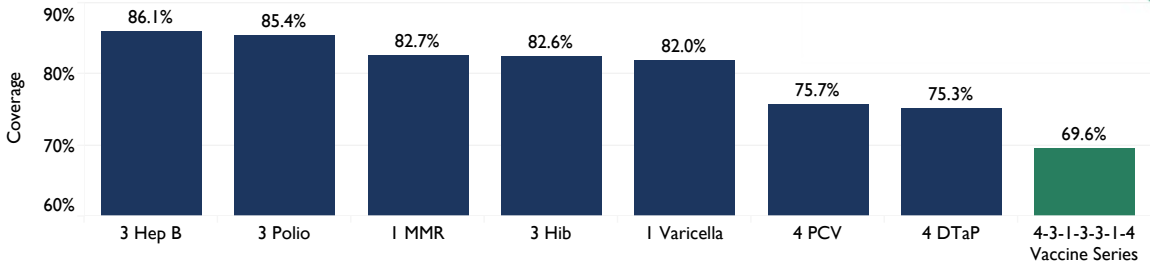
IOWA CHILDHOOD IMMUNIZATION DATA

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Child immunization data includes the percent of children that have received the recommended doses of the following vaccines by 24 months of age (2 years old): **4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hepatitis B, 1 Varicella, and 4 PCV.**

69.6% of 2-year-olds in Iowa completed the **4-3-1-3-3-1-4 vaccine series** by 24 months of age in 2023 (County range: 41.2% to 82.8%)

Figure 1. Percent of 2 Year Olds Vaccinated by Vaccine Type in 2023



Data Note: To be counted for the antigen specific vaccine type, an individual must have received all of the required doses in the vaccine series. Differences in percent vaccinated by vaccine type and completed series are due to some patients not receiving all vaccine types or doses included in the 4-3-1-3-3-1-4 vaccine series.

2023 CHILDHOOD IMMUNIZATION COVERAGE COMPARED TO PREVIOUS YEARS

4-3-1-3-3-1-4 vaccines series completion decreased 1.3% from 2022. Completion rates have been decreasing since 2019 (Figure 2). All vaccine types decreased in coverage in 2023 with the largest percent decrease for MMR (Mumps, Measles, and Rubella) and Varicella (Chickenpox) vaccine (Table 1). This decrease is concerning as these highly contagious vaccine-preventable diseases can spread quickly in under-and-un-immunized communities. Additionally, increased measles cases continue to be reported, in the U.S. and worldwide, further stressing the need to ensure all children have received the recommended vaccines.

Figure 2. Iowa 4-3-1-3-3-1-4 Vaccines Series Completion Over Time

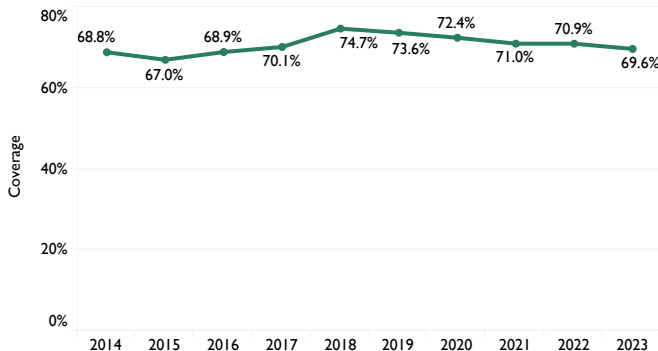


Table 1. Iowa Childhood Immunization Coverage by Vaccine (2019-2023)

Category	2019	2020	2021	2022	2023
4 DTaP	78.2%	77.3%	75.9%	76.3%	75.3%
3 Polio	90.7%	88.4%	87.1%	87.3%	85.4%
1 MMR	88.4%	85.7%	83.9%	84.8%	82.7%
3 Hib	87.2%	84.7%	83.4%	83.7%	82.6%
3 Hep B	90.6%	88.5%	87.8%	87.9%	86.1%
1 Varicella	87.5%	84.8%	83.3%	84.1%	82.0%
4 PCV	80.3%	78.1%	76.5%	77.1%	75.7%
4-3-1-3-3-1-4 Vaccine Series	73.6%	72.4%	71.0%	70.9%	69.6%

Data Note: Data as of 1/8/2023. Childhood Immunization vaccine coverage rates calculated with IRIS Denominator. Data can be accessed at https://data.idph.state.ia.us/v/IDPH-DataViz/views/Immunization2yearold/Map?iframeSizedToWindow=true&%3Aembed=y&%3AshowAppBanner=false&%3Adisplay_count=no&%3AshowVizHome=no&%3Arender=false