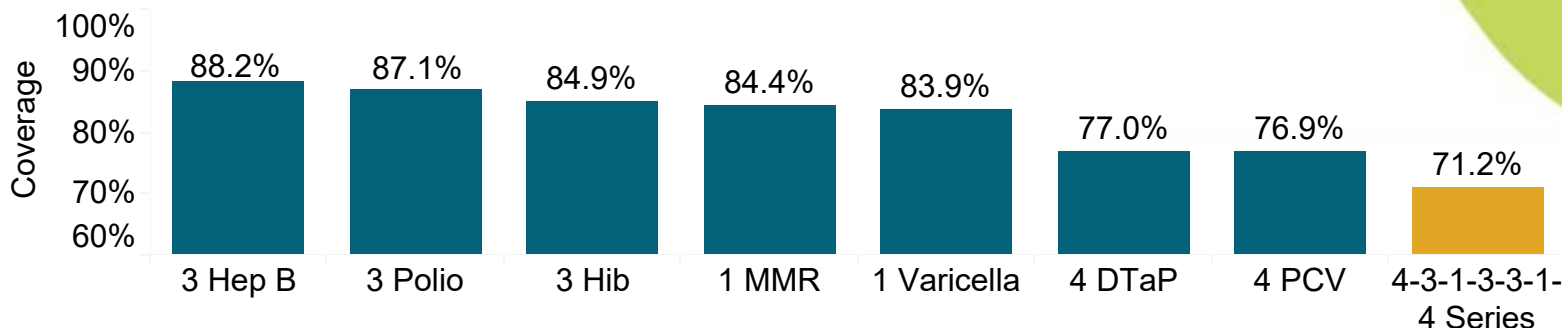


IOWA CHILDHOOD IMMUNIZATION DATA

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.

71.2% of 2-year-olds in Iowa **completed the 4-3-1-3-3-1-4 vaccine series** by 24 months of age in 2024 (County range: 39.1% to 91.0%)

Figure 1. Percent of 2 Year Olds Vaccinated by Vaccine Type in 2024

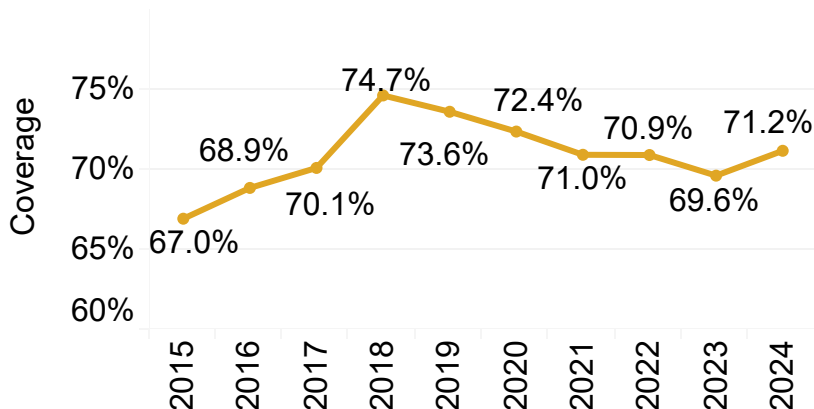


Data Note: To be counted for the antigen specific vaccine type, an individual must have received all of the required doses in the vaccine series. Differences in percent vaccinated by vaccine type and completed series are due to some patients not receiving all vaccine types or doses included in the 4-3-1-3-3-1-4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

2024 CHILDHOOD IMMUNIZATION COVERAGE COMPARED TO PREVIOUS YEARS

4-3-1-3-3-1-4 vaccines series completion increased 1.6% from 2023. Completion rates have been decreasing since 2019 but increased in the past year (Figure 2). All vaccine types increased in coverage in 2024 with the largest percent increase for Hib (*Haemophilus influenzae* Type B) and Hep B (Hepatitis B) vaccine (Table 1). This increase is promising, but coverage is still less than pre-pandemic years, further emphasizing the need to keep children up-to-date on recommended vaccines.

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



Data Note: Data as of 1/7/2025. Childhood Immunization vaccine coverage rates calculated with IRIS Denominator.

Data can be accessed at <https://hhs.iowa.gov/public-health/data/health/immunization/childhood-immunization-data>

Table 1. Iowa Childhood Immunization Coverage by Vaccine (2020-2024)

Category	2020	2021	2022	2023	2024
4 DTaP	77.3%	75.9%	76.3%	75.3%	77.0%
3 Polio	88.4%	87.1%	87.3%	85.4%	87.1%
1 MMR	85.7%	83.9%	84.8%	82.7%	84.4%
3 Hib	84.7%	83.4%	83.7%	82.6%	84.9%
3 Hep B	88.5%	87.8%	87.9%	86.1%	88.2%
1 Varicella	84.8%	83.3%	84.1%	82.0%	83.9%
4 PCV	78.1%	76.5%	77.1%	75.7%	76.9%
4-3-1-3-3-1-4 Series	72.4%	71.0%	70.9%	69.6%	71.2%