

BOARD OF HEALTH UPDATE

8.11.2023

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Cass Public Health



**Fargo Cass
Public Health**
Prevent. Promote. Protect.

Childhood Immunizations Increasing

- Worldwide, ~ 4 million more kids received childhood vaccines than previous year
- Millions missed routine vaccines during pandemic; first sign trend is reversing
- # of children who missed all routine shots decreased from 18.1 million (2021) to 14.3 million (2022)
 - Pre-pandemic rates: 12.9 million kids missed all vaccines in 2019

GOOD NEWS



North Dakota Immunization Rates

Choose grade to display Statewide immunization and exemption rates by grade.

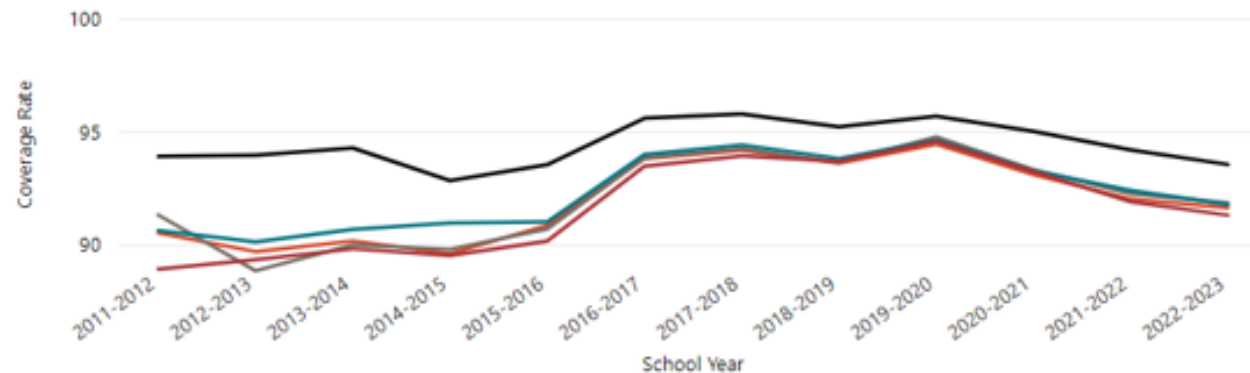
*Exemption rates are reported as overall exemption rates for kindergarten and MMR exemption rates for seventh and eleventh.

Select a Grade:

Kindergarten

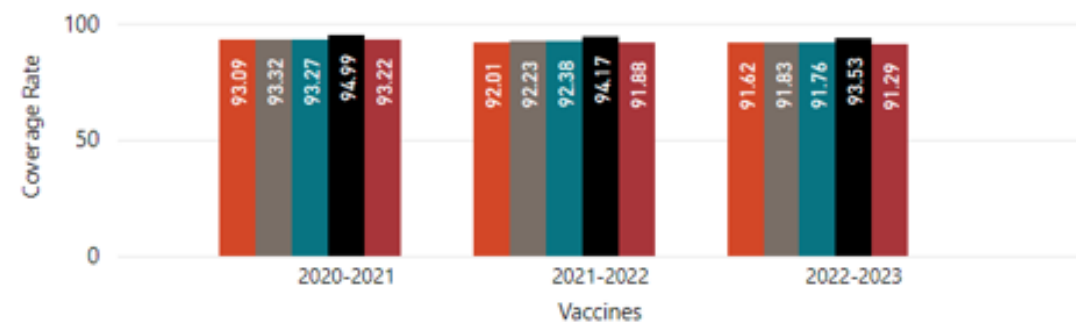
Coverage Rates for all Required Vaccines

DTaP MMR Polio Hepatitis B Chickenpox Tdap Meningococcal



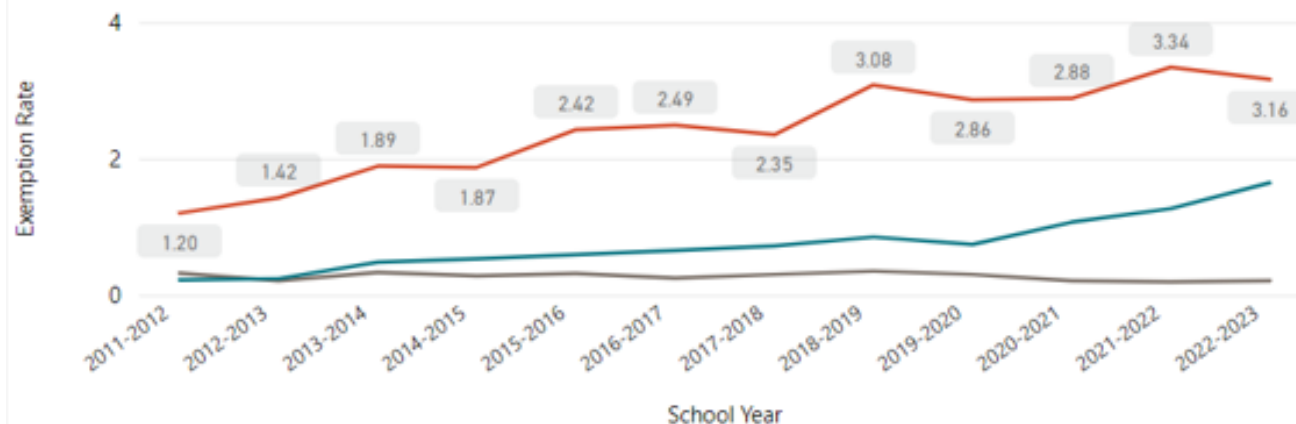
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State Level Exemption Rates*

Personal Belief Exemption Medical Exemption Religious Exemption



State Level Exemption Rates*

Personal Belief Exemption Medical Exemption Religious Exemption



Source: NDHHS Disease Control Section

North Dakota Immunization Rates by County

Select grade and county to display immunization and exemption rates by county.
 *Exemption rates are reported as overall exemptions for Kindergarten and MMR exemption rates for seventh and eleventh grade.
 **Data is not released for counties with fewer than 5 students in the county.

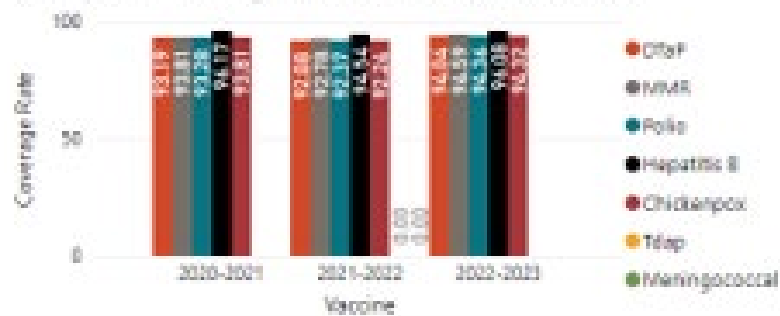
Select a Grade:

Kindergarten

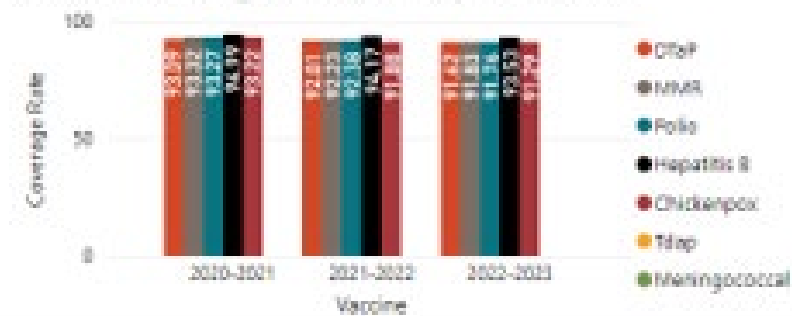
Select a County:

Cass

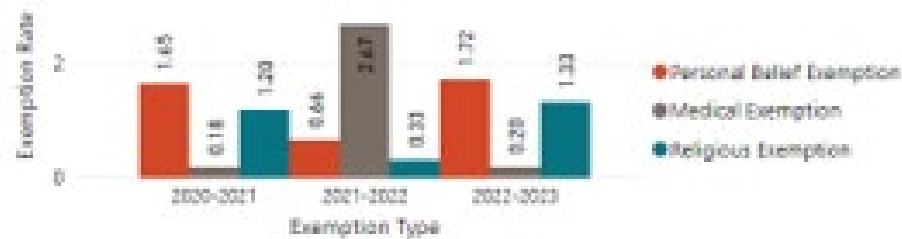
County Level Coverage Rates for all Required Vaccines



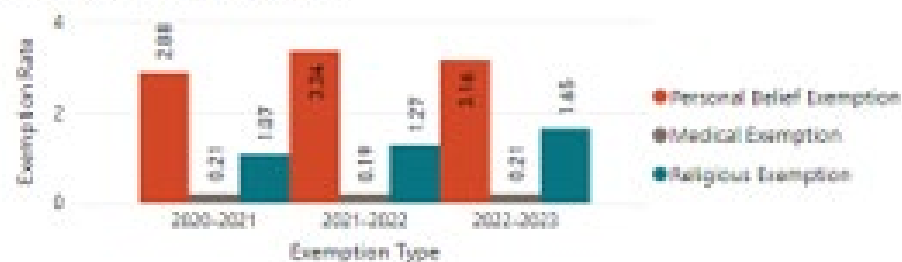
State Level Coverage Rates for all Required Vaccines



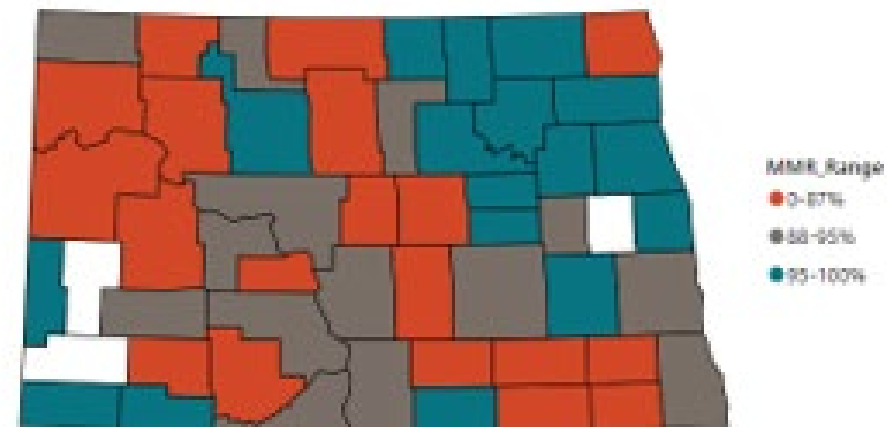
County Level Exemption Rates*



State Level Exemption Rates*



MMR Immunization Rates



Methodology

State-wide Coverage

County Coverage

Demographics

Exemptions

Hep B

Vaccine Information

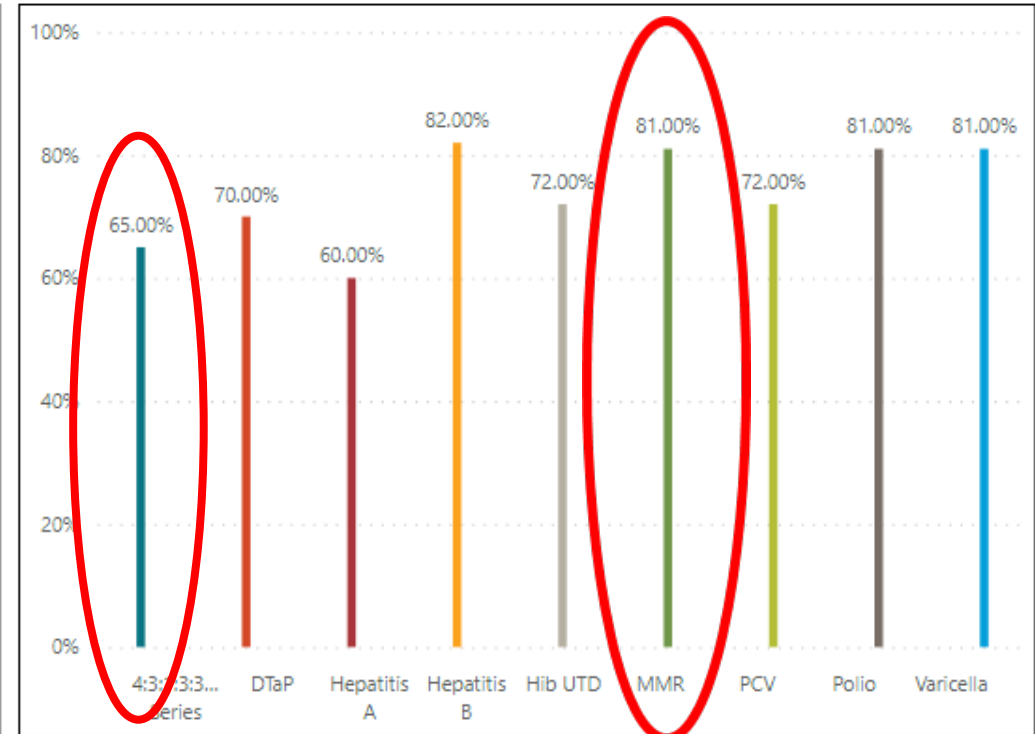
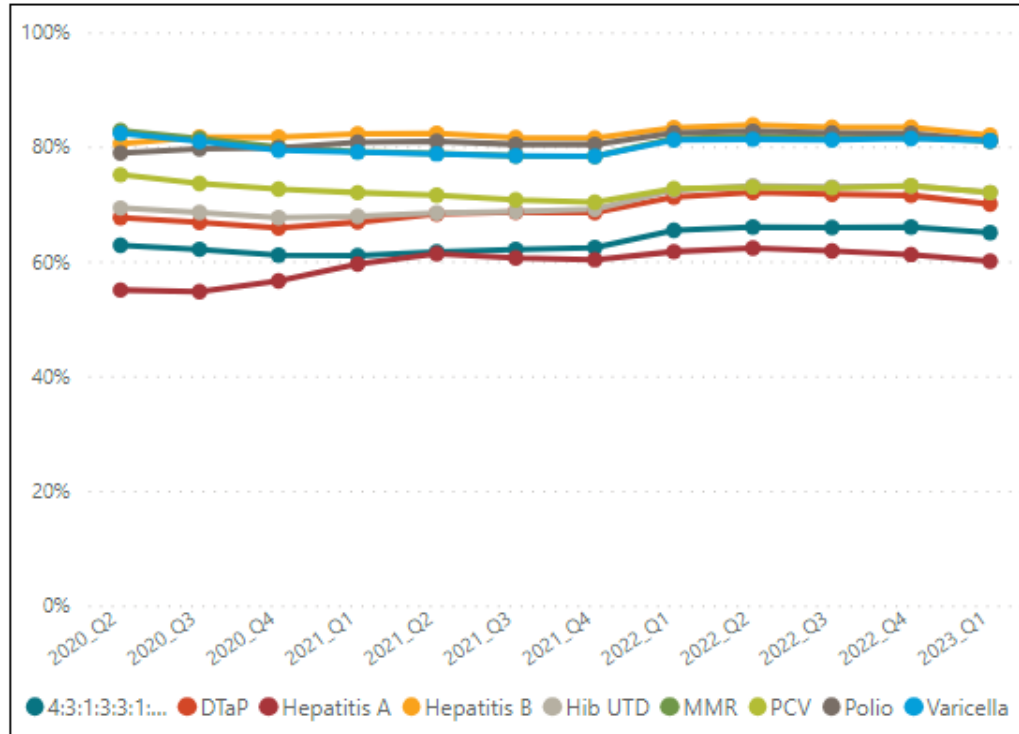
State-wide Coverage

Vaccine

All

Quarter

2023_Q1



Percent of North Dakota children 19 - 35 months of age by the last day of the quarter who are up-to-date with the selected vaccine by the end of the quarter*

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2023_Q1

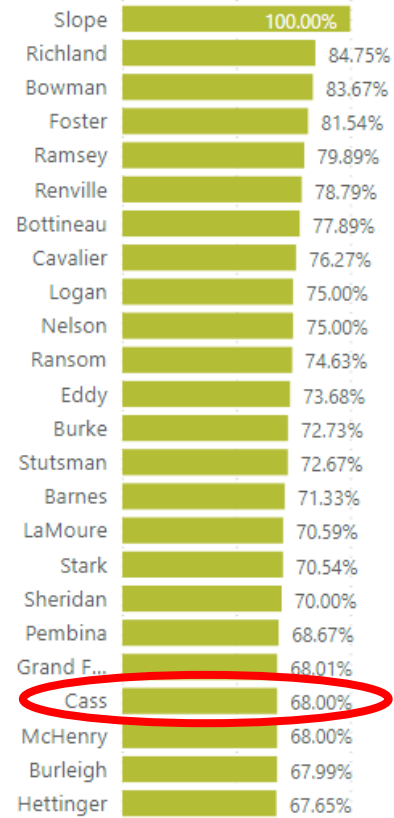
Vaccine

4:3:1:3:3:1:4 Series

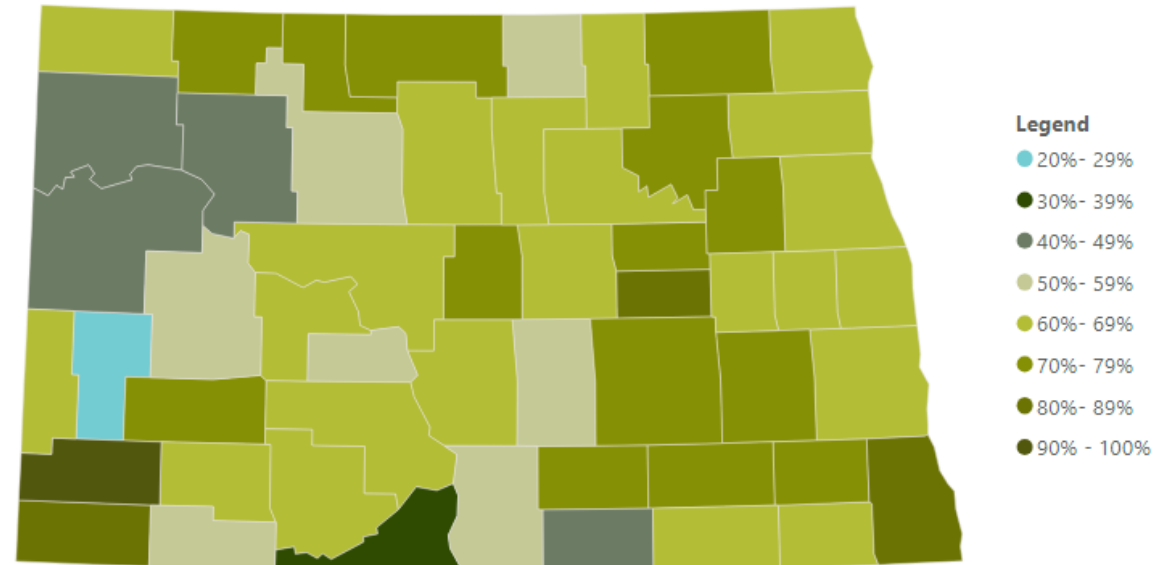
Coverage Rate Range

All

Coverage Rate Ranked by County



Immunization Coverage Rates by County for North Dakota Infants 19-35 Months of Age



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2023_Q1

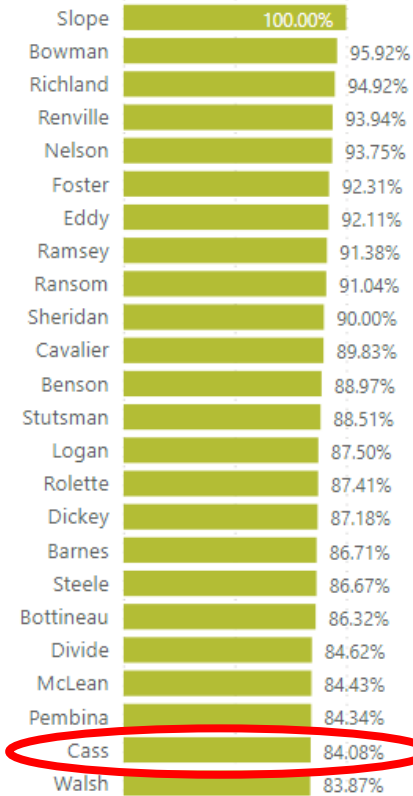
Vaccine

MMR

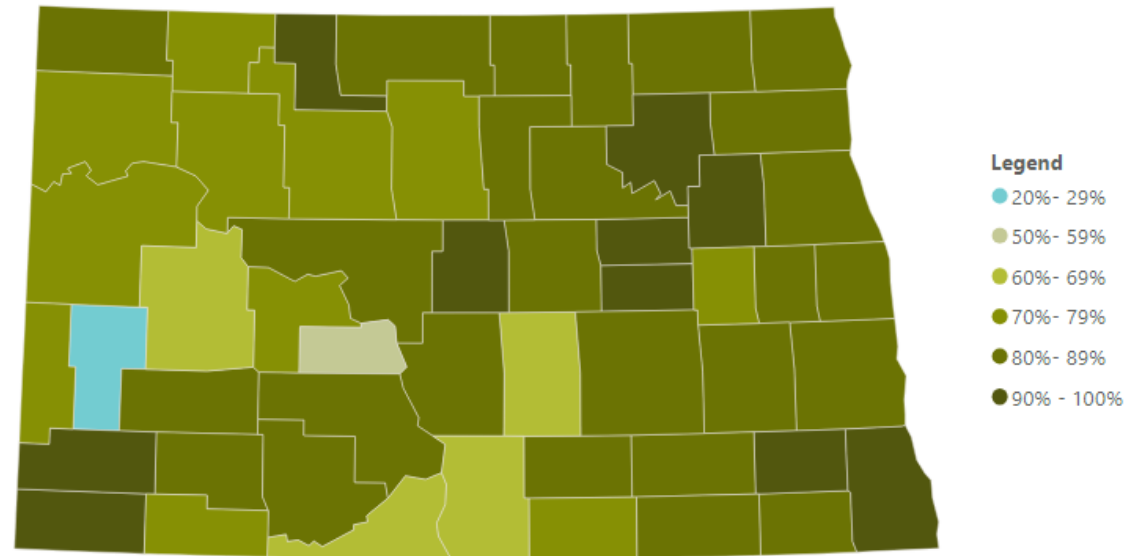
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Immunization Coverage Rates by County for North Dakota Infants 19-35 Months of Age

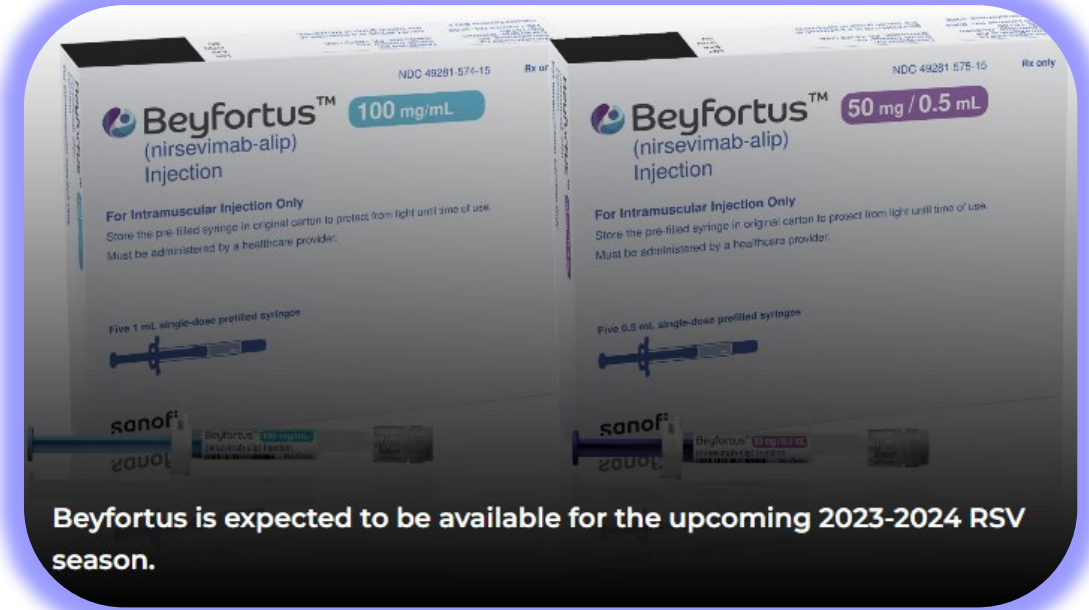


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FDA Approved and ACIP recommends RSV Prevention Drug for Infants & Children

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- Nirsevimab-alip (Beyfortus) is a long-acting monoclonal antibody to prevent RSV
- Trial data showed reduced RSV-associated lower respiratory tract infections (70%) and lower hospitalization rates
- FDA approved for newborns and infants born during or entering 1st RSV season + children up to age 2 who are at risk of severe RSV

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CDC's ACIP Recommend Older Adults Consider RSV Vaccination

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- People ≥ 60 may receive one of two recently FDA approved RSV vaccines
 - Shared clinical decision making with physician
- Trial data showed RSV vaccines remained effective into 2nd RSV season

Single-dose RSV vaccine efficacy against lower respiratory tract disease with three or more symptoms in two RSV seasons:

	GSK	Pfizer
Season 1	94.1%	88.9%
Season 2	84.6%	78.6%

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References

- [Immunization Analysis and Insights \(who.int\)](#)
- [Microsoft Power BI \(powerbigov.us\)](#)
- <http://hhs.nd.gov/immunizations>
- [FDA Approves New Drug to Prevent RSV in Babies and Toddlers | FDA](#)
- [ACIP June 21-23, 2023 Presentation Slides | Immunization Practices | CDC](#)
- [CDC advisors recommend older adults consider RSV vaccination \(healio.com\)](#)