# Where Do We Stand with Immunizations in Arkansas?

2025 Immunization Summit
Wyndham Riverfront Little Rock
August 8, 2025

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Director and State Health Officer



## Disclosures



• Jennifer Dillaha, MD has nothing to disclose.

## Objectives



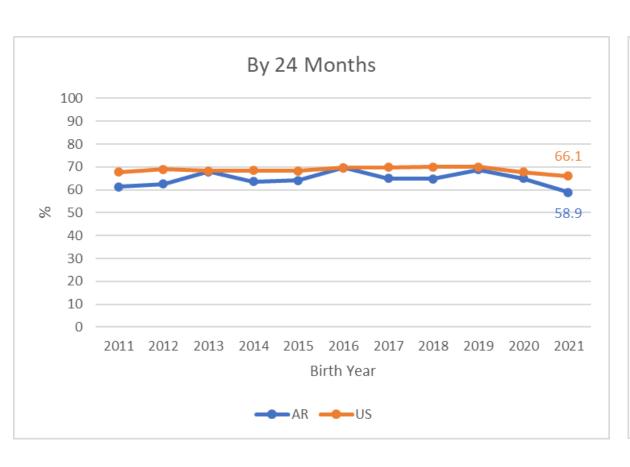
- Immunizations for Children
- Immunization for Adolescents
- Immunizations for Adults
- Influenza Immunizations
- Immunizations Exemptions

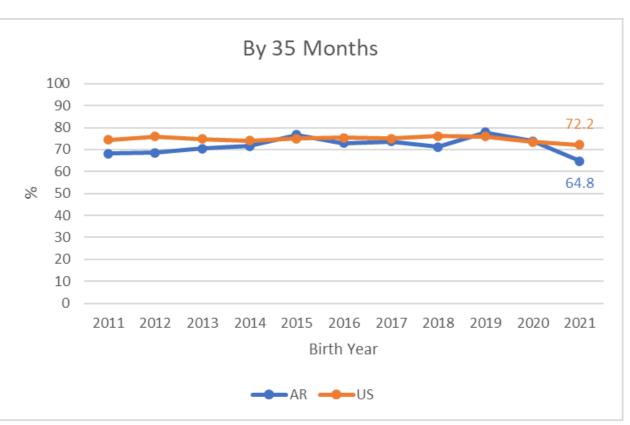
## Immunizations for Children



# Combined 7-Vaccine Series Coverage by Birth Year 2011-2021 for Children Aged 24, 35 Months Old, NIS

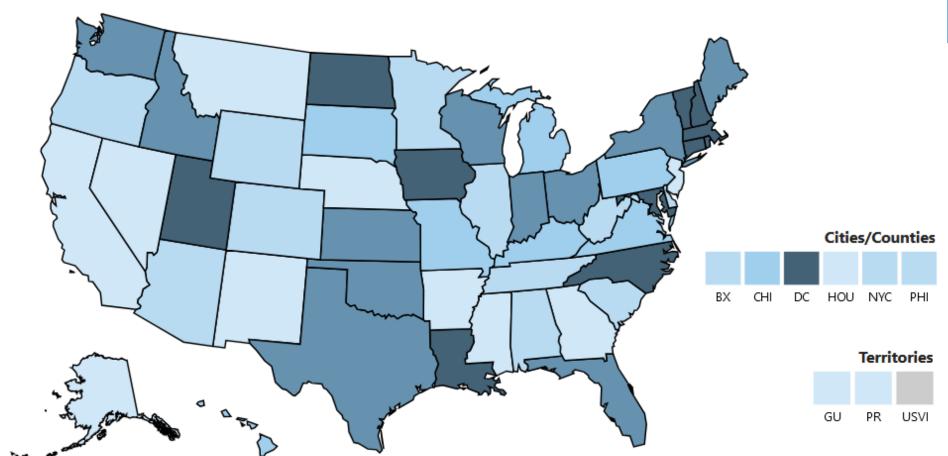






## Combined 7 Series Vaccination Coverage by Age 24 Months among Children Born in 2021, National Immunization Survey-Child



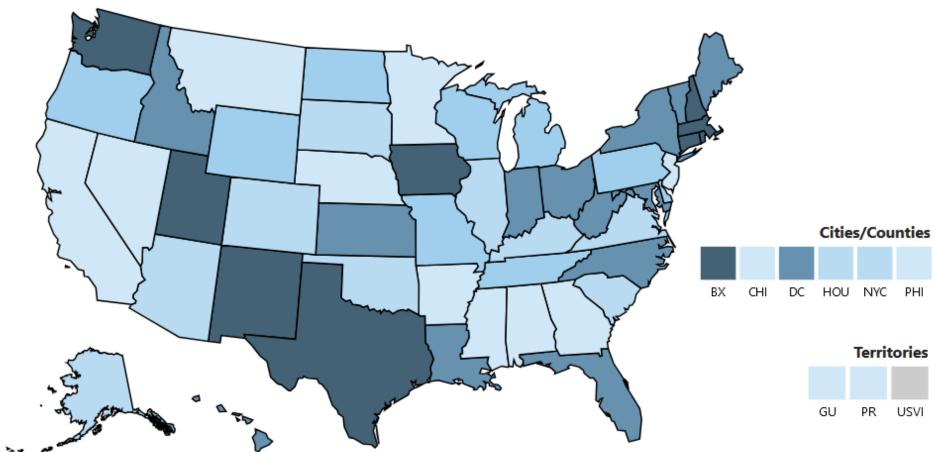


### Legend – Coverage (%)

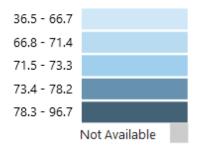


## Combined 7 Series Vaccination Coverage by Age 35 Months among Children Born in 2021, National Immunization Survey-Child



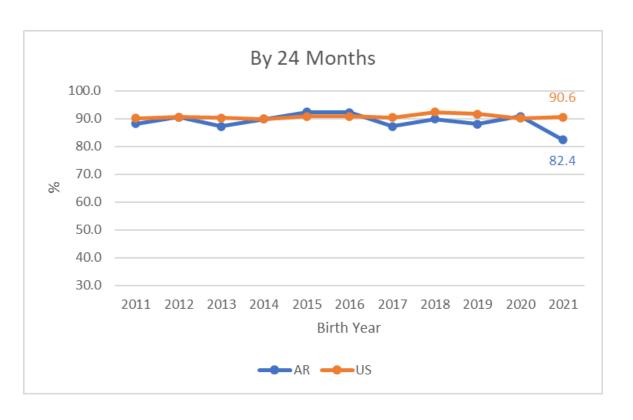


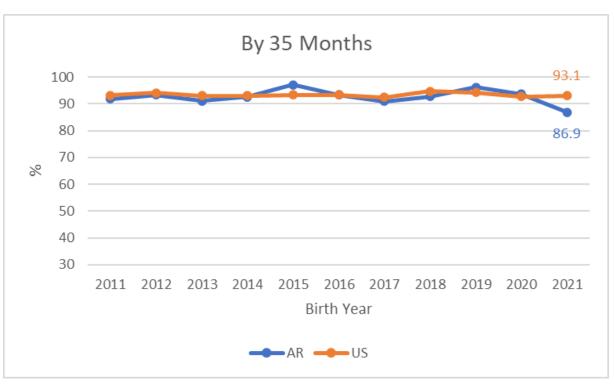
#### Legend - Coverage (%)



# ≥ 1 Dose MMR Vaccination Coverage by Birth Year 2011-2021 for Children Aged 24, 35 Months Old, NIS

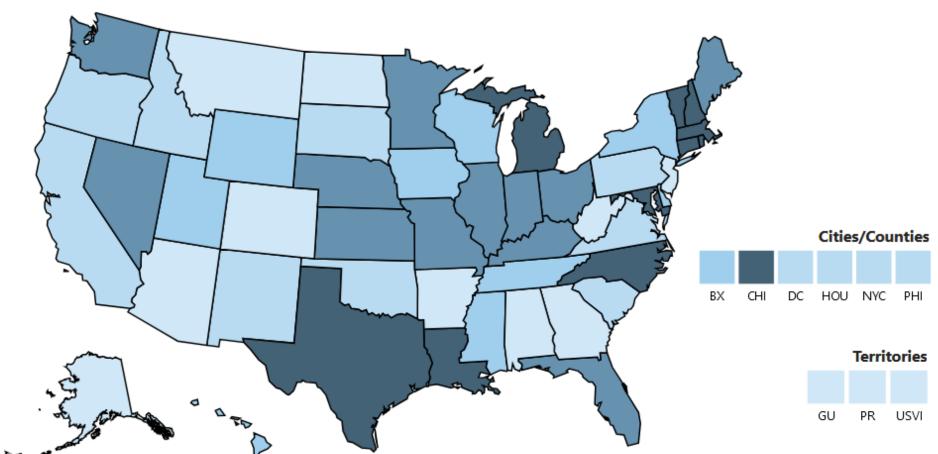






### ≥1 Dose MMR Vaccination Coverage by Age 24 Months among Children Born in 2021, National Immunization Survey-Child



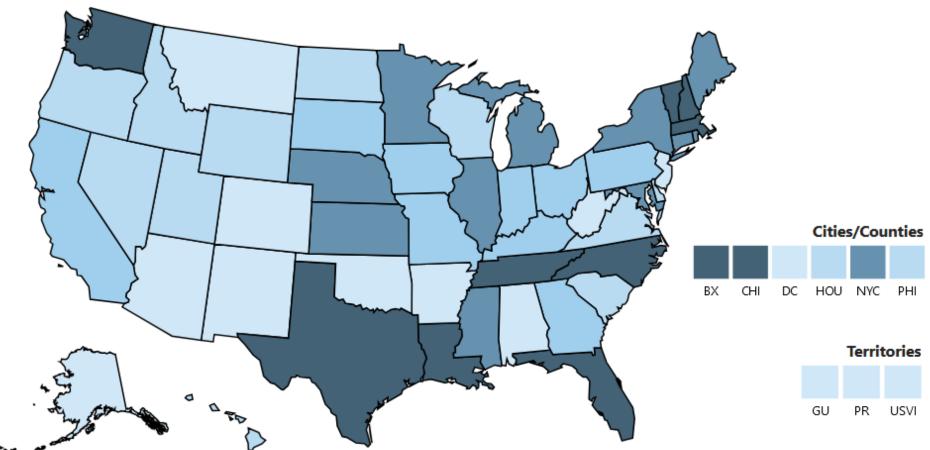


### Legend – Coverage (%)



### ≥1 Dose MMR Vaccination Coverage by Age 35 Months among Children Born in 2021, National Immunization Survey-Child

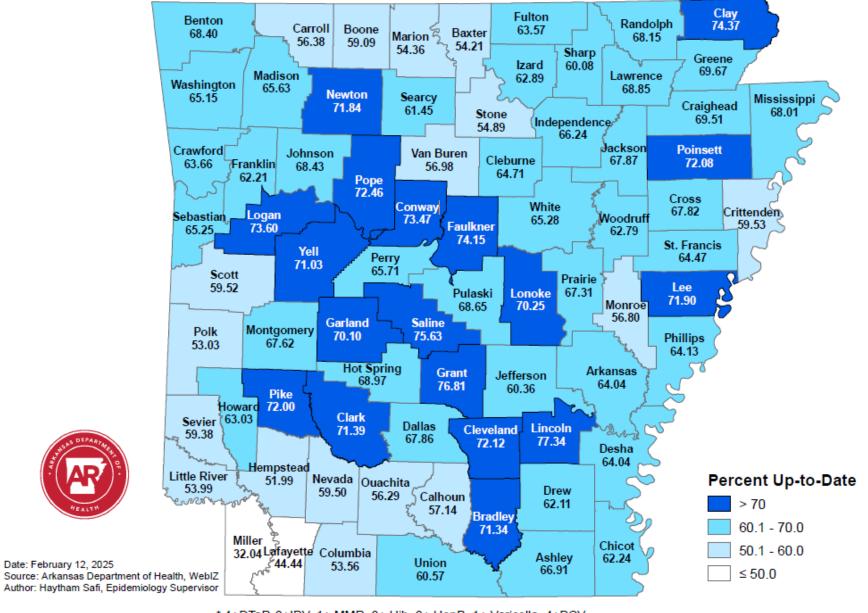




#### Legend - Coverage (%)



## Proportion of Children Aged 19-35 Months Up-to-Date with Combined 7 Series Immunizations\*, Arkansas Immunization Information System - WeblZ, 2024\*\*

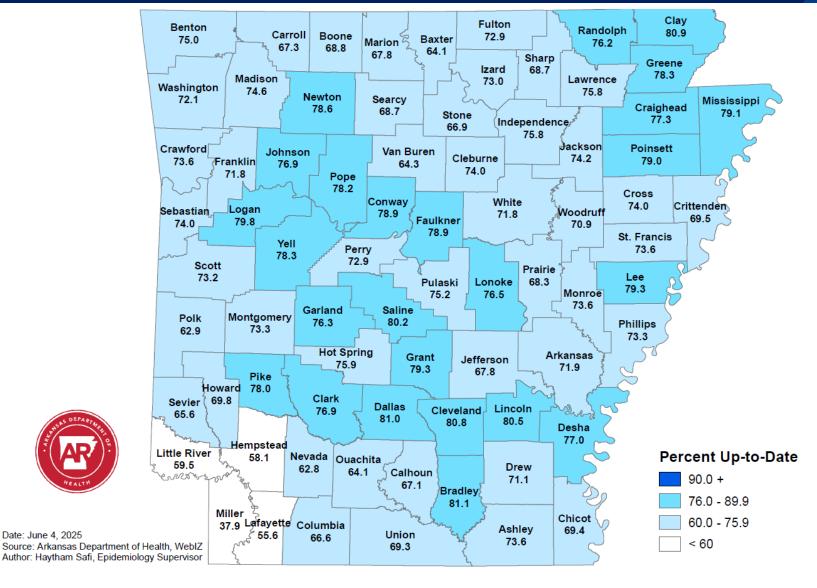


<sup>\* 4+</sup>DTaP, 3+IPV, 1+ MMR, 3+ Hib, 3+ HepB, 1+ Varicella, 4+PCV

<sup>\*\*</sup> Vaccination Coverage in this Map are for all Children Age 19-35 Months in 2024

# Proportion of Children Aged 19-35 Months Up-to-Date with DTaP Vaccine, Arkansas WebIZ, 2024\*

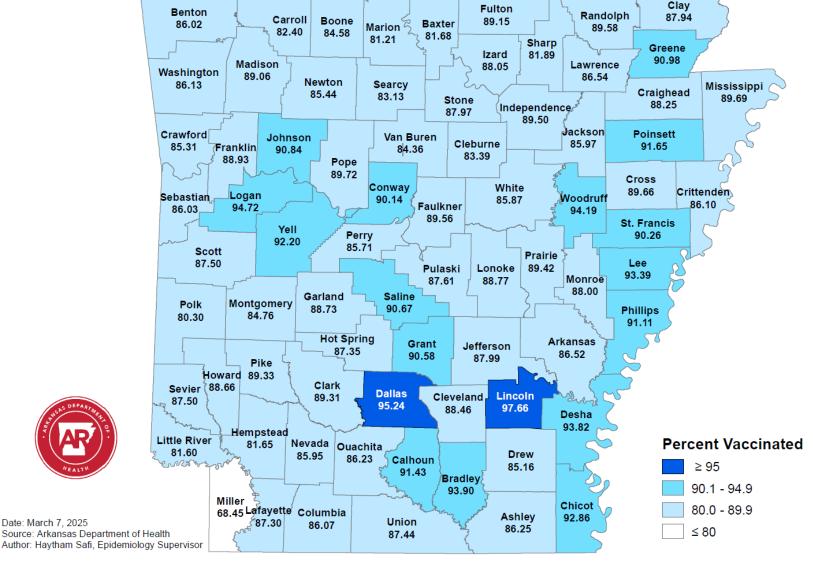




<sup>\*</sup> Vaccination Coverage in this Map are for all Children Age 19-35 Months in 2024

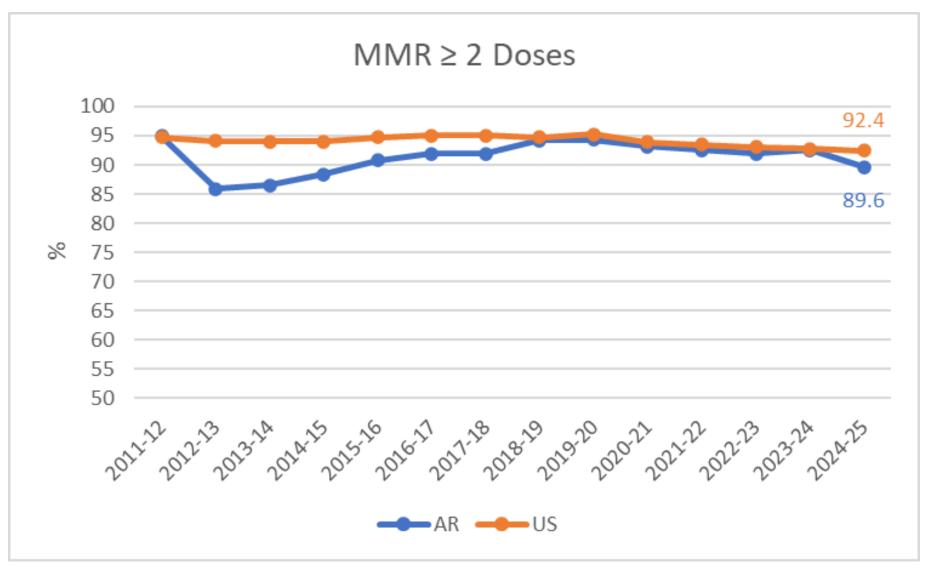
# Proportion of Children Aged 19-35 Months with 1 or more MMR Vaccine, Arkansas WeblZ, 2024





## MMR (≥ 2 Doses) Vaccination Coverage Among Children in Kindergarten by School Year

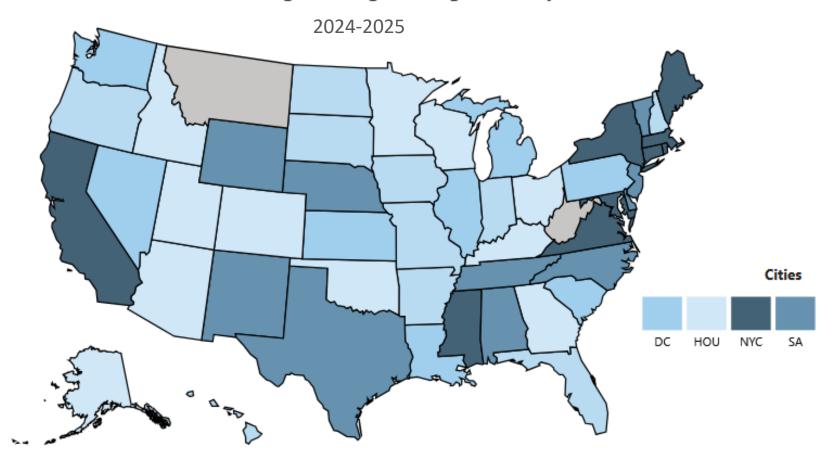




Source: CDC, School's Survey

### MMR Vaccination Coverage among Kindergartners by School Year





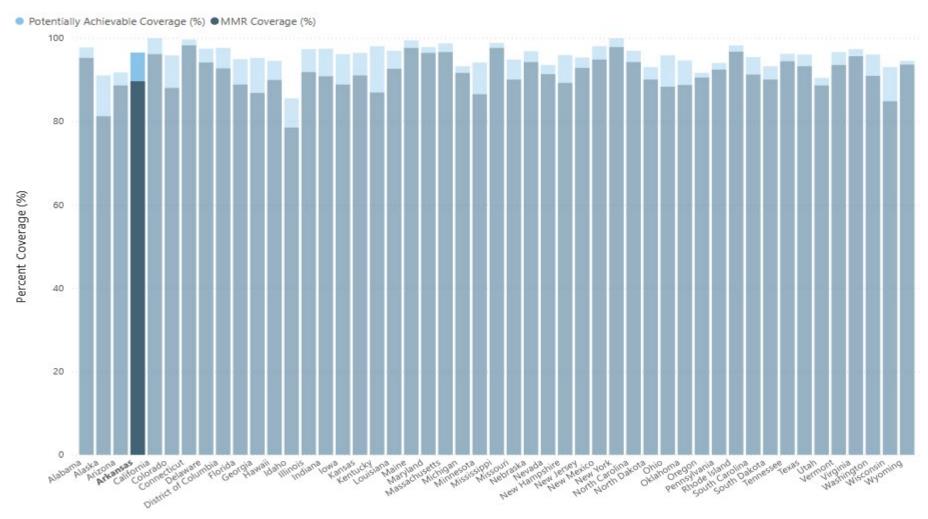
### Legend – Coverage (%)



## Potentially Achievable MMR Vaccine Coverage among Kindergartners by States, 2024–2025 School Years



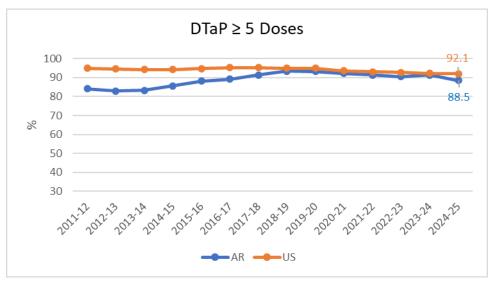
Potentially Achievable Coverage in Arkansas in 2024-25 is 96.5%

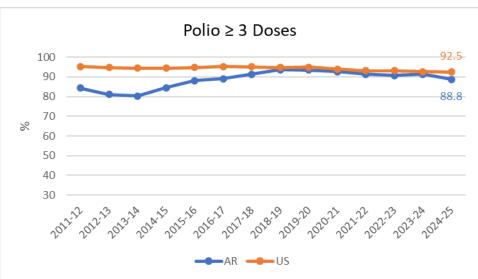


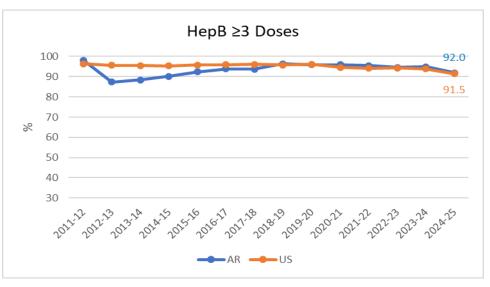
Source: CDC, School's Survey

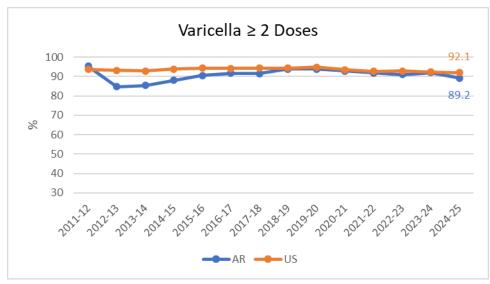
# DTaP, Hep B, Polio, and 2 Doses Varicella Vaccination Coverage in Kindergarten by School Year







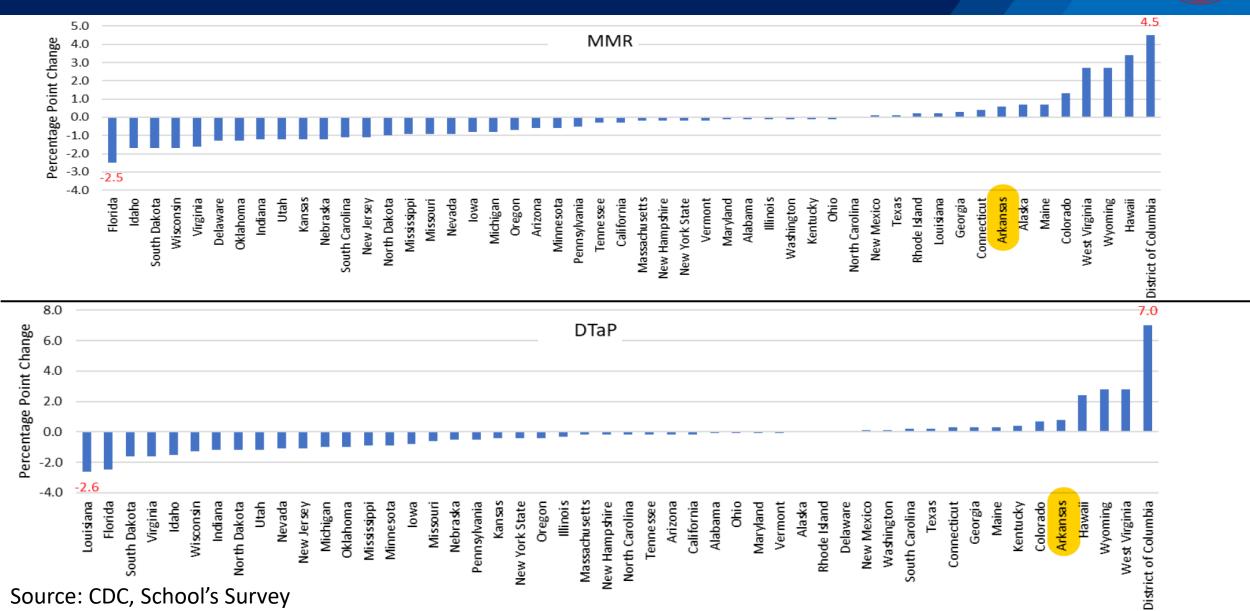




Source: CDC, School's Survey

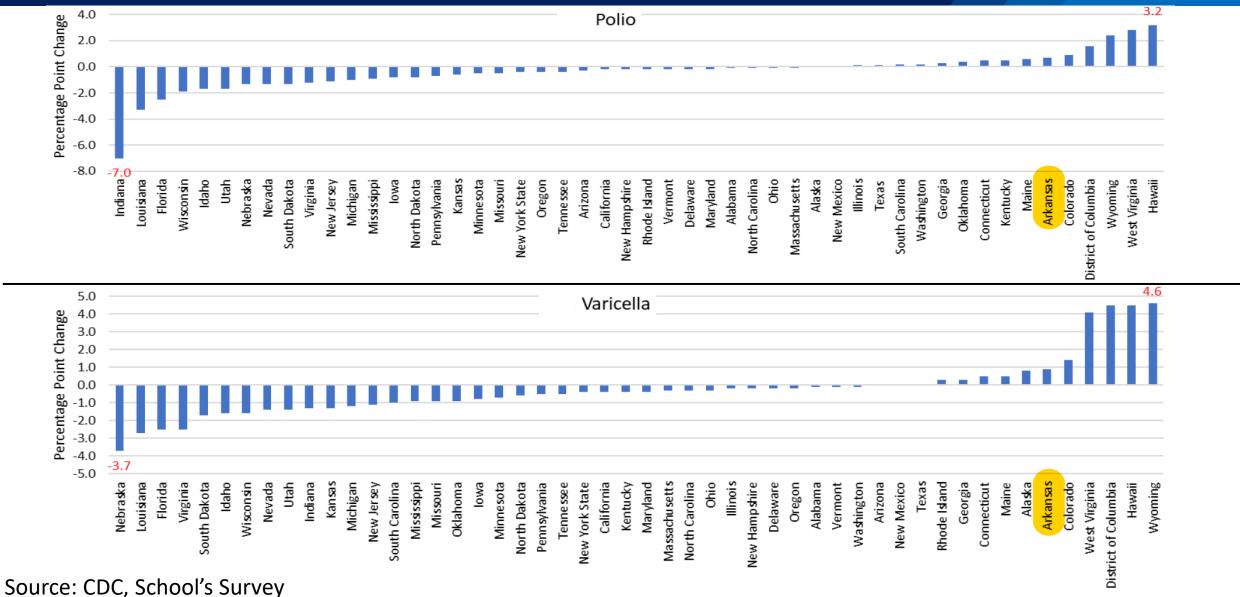
# Change in Percentage of Kindergartners who are Fully Vaccinated by State, from 2022-23 to 2023-24 School Year





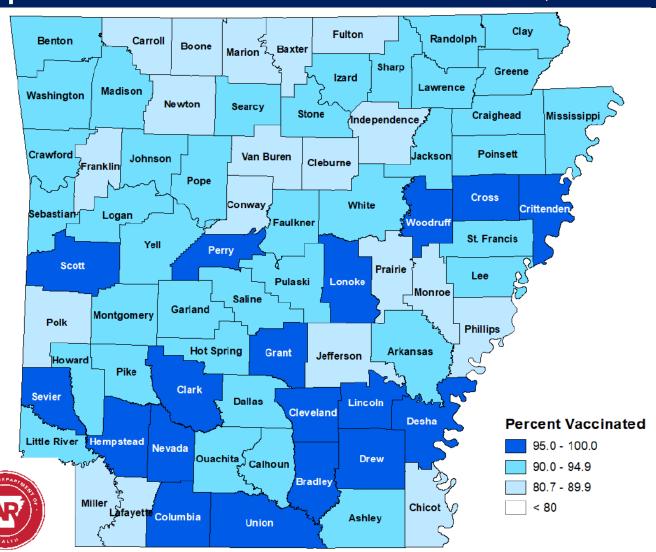
# Change in Percentage of Kindergartners who are Fully Vaccinated by State, from 2022-23 to 2023-24 School Year





# Kindergarten Students in Public Schools Up-To-Date on DTaP Vaccine, 2024-25 School Year

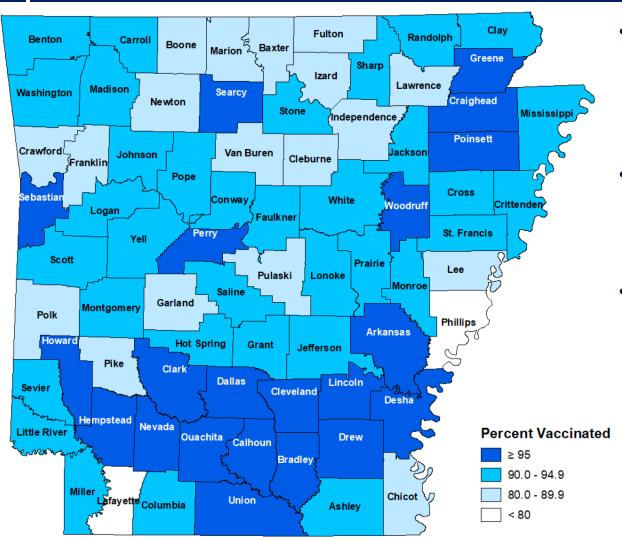




- This map displays up-to-date DTaP vaccination coverage among kindergarten students attending public schools in Arkansas during the 2024-2025 school year. It does not include data for kindergarten students who attend private schools or who are home schooled.
- Students are counted as up-to-date if they have documentation of 4 doses of DTaP vaccine, with one dose on or after the 4th birthday.
- Students are not counted as up-to-date if any of the following apply:
  - Have no DTaP doses recorded, which could be because they have not received any DTaP vaccines, or a vaccine record has not been submitted.
  - Received 3 doses of DTaP vaccine or less.
  - Received 4 doses of DTaP vaccines, but outside of the recommended time parameters stated above.

## Kindergarten Students in Public Schools Up-To-Date on MMR Vaccine, 2024-25 School Year





- This map displays up to date MMR vaccination coverage among kindergarten students attending public schools in Arkansas during the 2024-2025 school year. It does not include data for kindergarten students who attend private schools or who are home schooled.
- Students are counted as up to date if they have documentation of 2 doses of MMR vaccine, with one dose on or after the first birthday and a second dose at least 28 days after the first dose.
- Students are not counted as up to date if any of the following apply:
  - Have no MMR doses recorded, which could be because they have not received any MMR vaccines, or a vaccine record has not been submitted.
  - Received only 1 dose of MMR vaccine.
  - Received 2 doses of MMR vaccines, but outside of the recommended time parameters stated above.

Data source: Arkansas Department of Education. Data are provisional as of 2/5/2025.

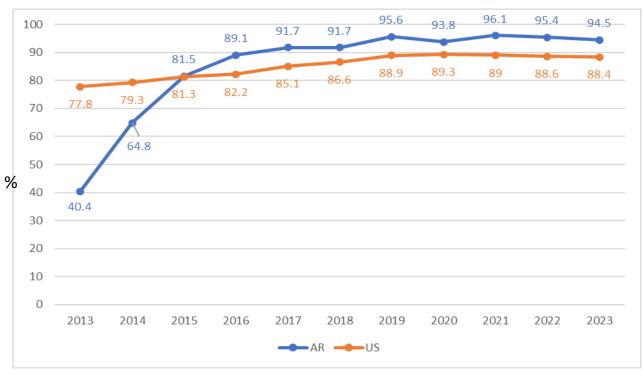
## Immunizations for Adolescents



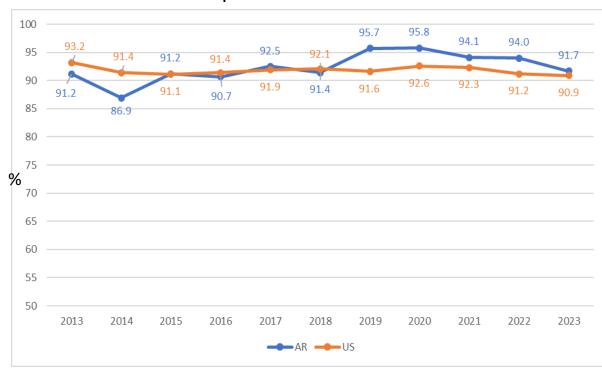
### Vaccination Coverage Among Adolescents 13 – 17 Years, 2013-2023







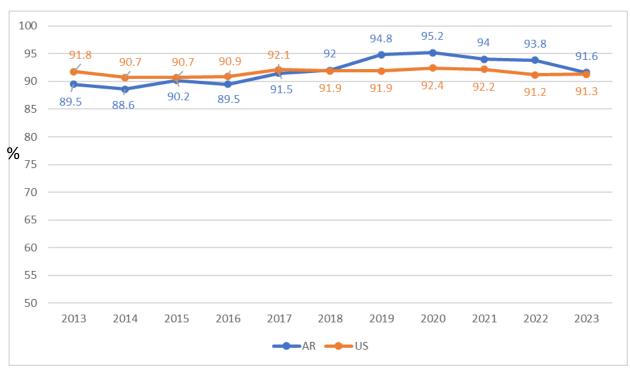
### HepB 3 or More Doses



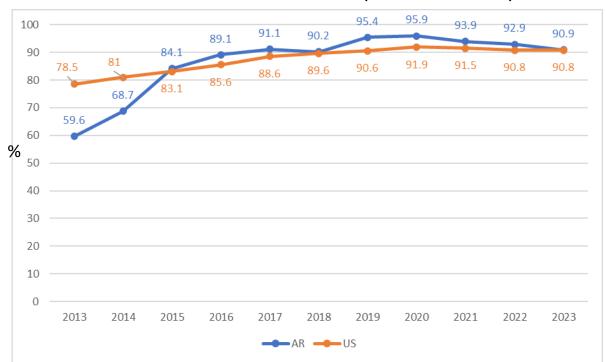
### Vaccination Coverage Among Adolescents 13 – 17 Years, 2013-2023



#### MMR 2 or More Doses

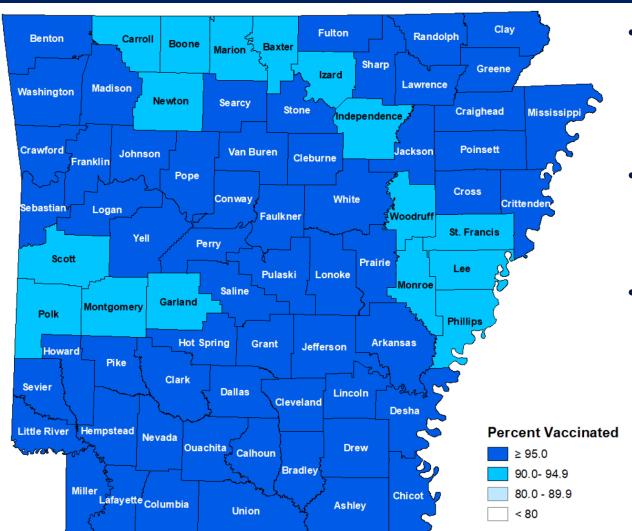


### Varicella 2 or More Doses (No Disease Hx)



# 7<sup>th</sup> Grade Students in Public Schools Up-To-Date with MMR Vaccine, 2024-25 School Year





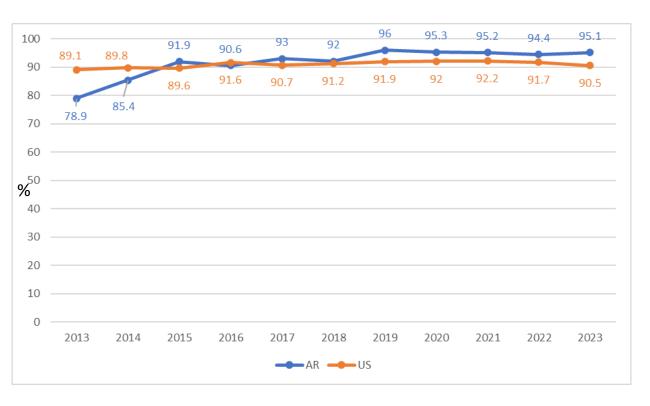
- This map displays up to date MMR vaccination coverage among 7th grade students attending public schools in Arkansas during the 2024-2025 school year. It does not include data for 7th grade students who attend private schools or who are home schooled.
- Students are counted as up to date if they have documentation of 2 doses of MMR vaccine, with one dose on or after the first birthday and a second dose at least 28 days after the first dose.
- Students are not counted as up to date if any of the following apply:
  - Have no MMR doses recorded, which could be because they have not received any MMR vaccines, or a vaccine record has not been submitted.
  - Received only 1 dose of MMR vaccine.
  - Received 2 doses of MMR vaccines, but outside of the recommended time parameters stated above.

Data source: Arkansas Department of Education. Data are provisional as of 2/5/2025.

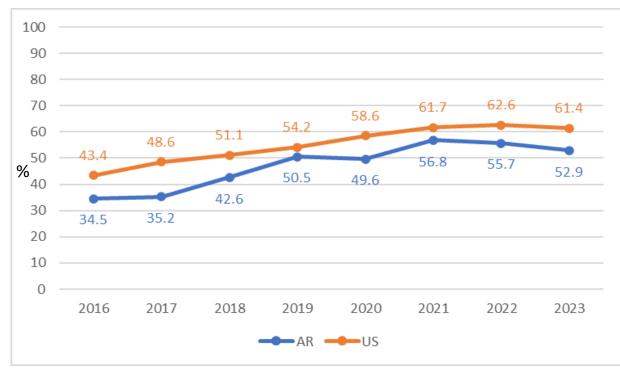
### Vaccination Coverage Among Adolescents 13 – 17 Years, 2013-2023



### Td or Tdap 1 or More Doses



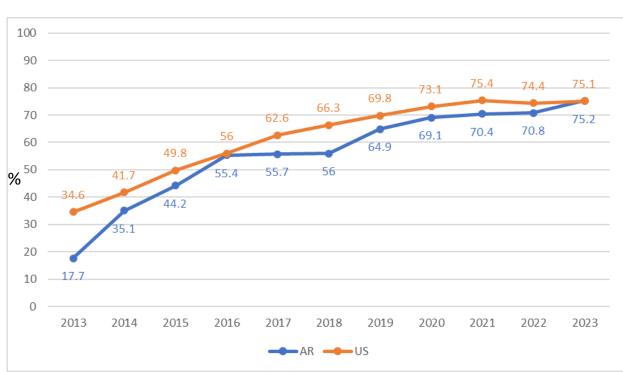
### HPV UTD, Males and Females



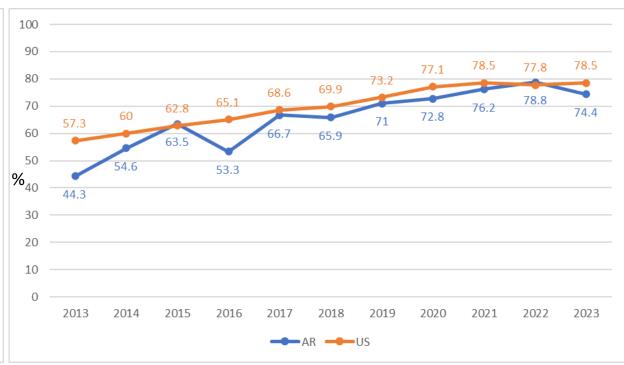
## Vaccination Coverage Among Adolescents 13 – 17 Years, 2013-2023



HPV 1 or More Doses, Males

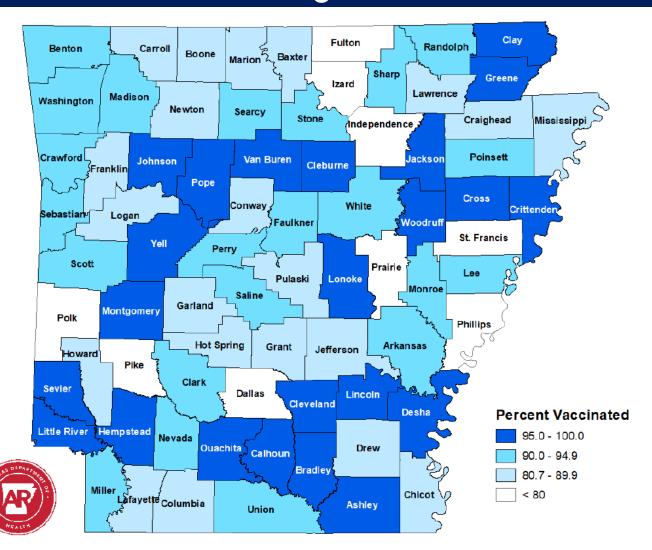


### HPV 1 or More Doses, Females



# 7<sup>th</sup> Grade Students in Public Schools Up-To-Date Pertussis-Containing Vaccine, 2024-25 School Year

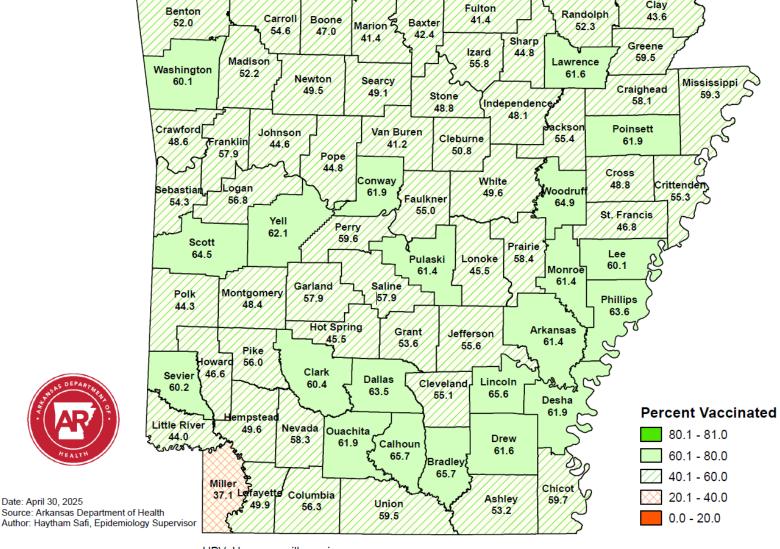




- This map displays up-to-date DTaP/Tdap vaccination coverage among 7th grade students attending public schools in Arkansas during the 2024-2025 school year. It does not include data for 7th grade students who attend private schools or who are home schooled.
- Students are counted as up-to-date if they have documentation of 5 doses of DTaP vaccine with one dose on or after age 4 years, or 4 doses of DTaP with one dose on or after age 4 years with minimum interval of 6 months from dose 3 to dose 4, plus one dose of Tdap (adolescent booster) at age 11 years.
- Students starting Tdap at age 7 to 9 years are counted up-to-date if they have 3 doses of Tdap, plus one dose of Tdap (adolescent booster) at age 11 years.
- Students starting Tdap at age 7 to 10 years are counted up-to-date if they have 3 doses of Tdap with one being on or after age 10 years. Students who receive Tdap at age 10 years as part of the 3 doses series, do not need the adolescent Tdap booster dose at age 11–12 years.

## Vaccination Coverage by County for Adolescents Aged 13-17 Years with 1 or More HPV Vaccine, Arkansas 2025\*

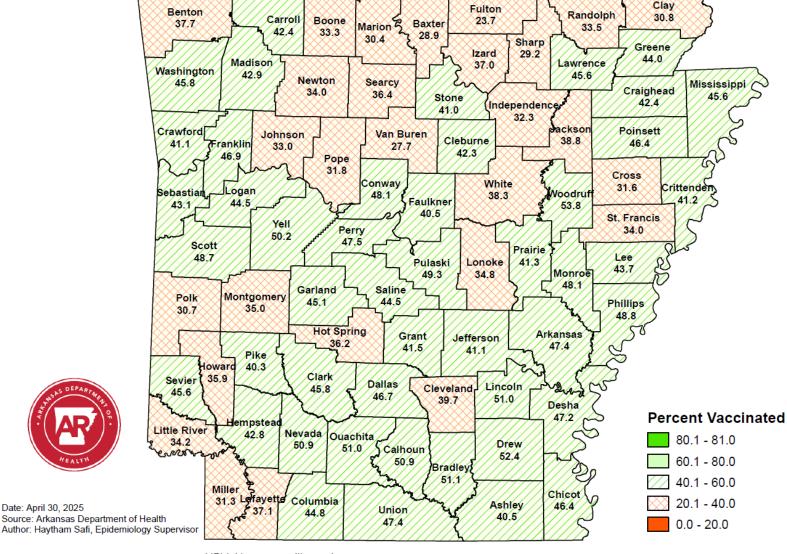




HPV: Human papillomavirus

# Vaccination Coverage by County for Adolescents Aged 11-14 Years with 1 or More HPV Vaccine, Arkansas 2025\*

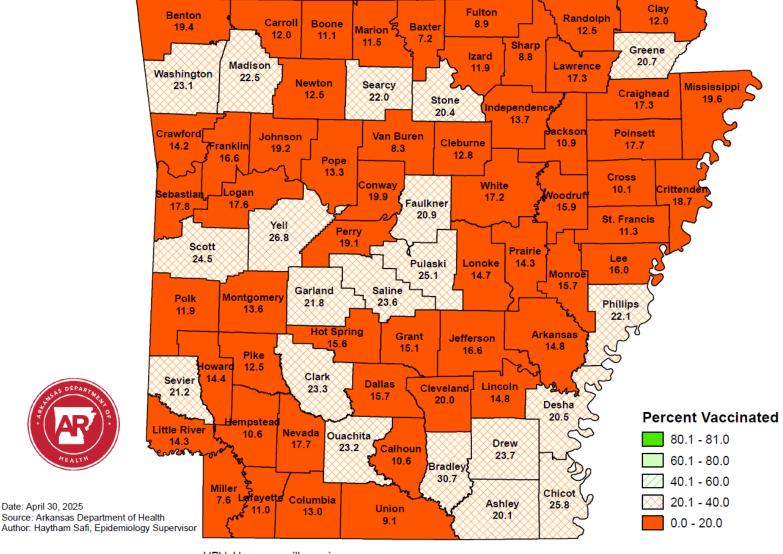




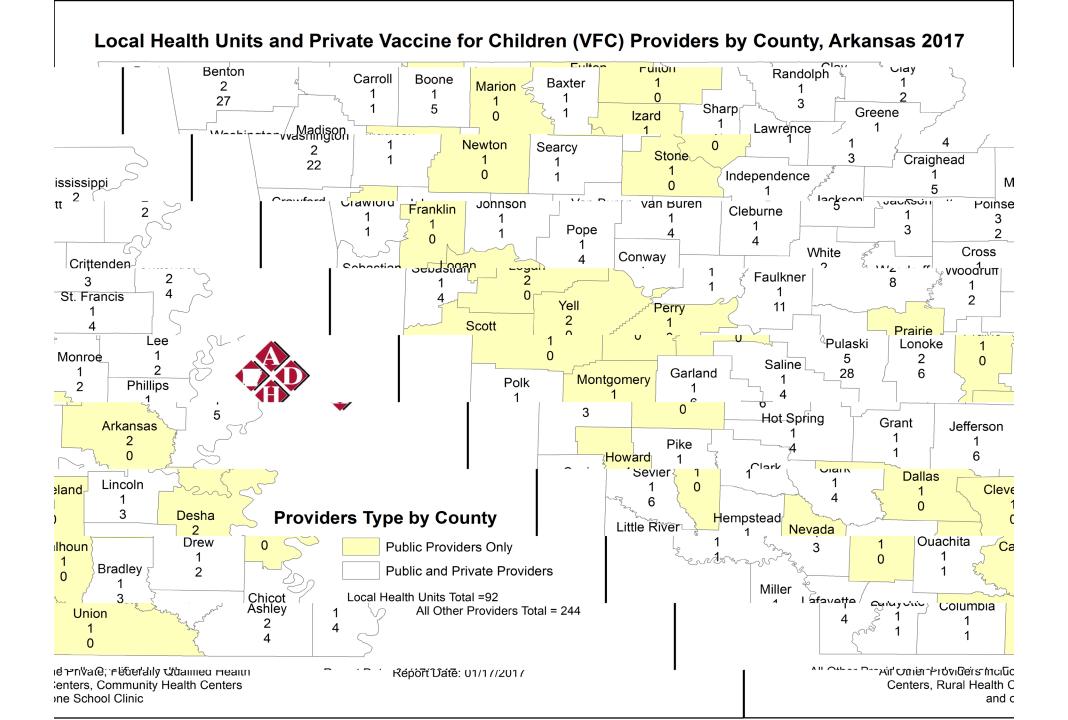
HPV: Human papillomavirus

# Vaccination Coverage by County for Adolescents Aged 11-14 Years with 2 or More HPV Vaccines, Arkansas 2025\*





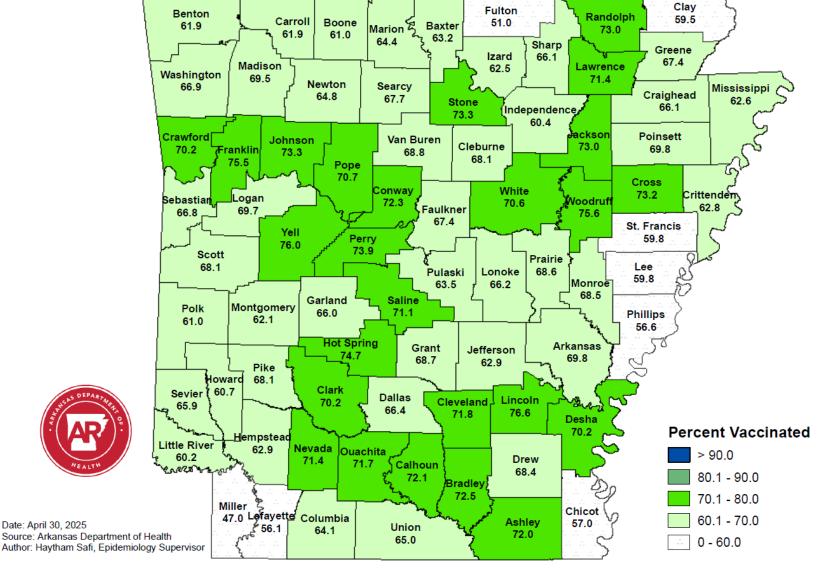
HPV: Human papillomavirus



Vaccines for Children (VFC) Immunization Providers by County Arkansas, April 2025 Clay Fulton Benton Randolph Carroll Marion ี Baxter Boone 2 Sharp Greene Izard Lawrence Madison Newton Searcv Washington Stone Craighead Independence Mississippi 2 Jackson Crawford Poinsett Van Buren Johnson Franklin Cleburne Pope 2 Cross White Conway Crittenden Logan Sebastian Woodruff Faulkner St. Francis 14 Yell Perry Scott **Prairie** Lee Pulaski Lonoke Monroe Saline'\_\_ Garland Montgomery Phillips Polk Hot Spring Grant **Arkansas** Jefferson VFC Providers byType Pike Howard Clark Counties with LHUs Providers Only Sevier Dallas Lincoln Cleveland Public and Private VFC Providers Desha Hempstead Local Health Units (LHU), Total = 92 (Top #) Little River Nevada Ouachita Calhoun Drew All Other VFC Providers, Total = 315 (Bottom #) Low 18 was Bradley ! All Other VFC Providers include: Miller Date: April 28, 2025 2 Chicot Private Practice Lafayette Columbia Source: Arkansas Department of Health Ashley Union Federally Qualified Health Centers Author: Haytham Safi, Epidemiology Supervisor Rural Health Centers 2 2 Community Health Centers School Clinics **Pharmacies** Hospitals (Newborn HepB, RSV Vaccines Only)

# Vaccination Coverage by County for Adolescents Aged 11-14 Years with 1 or More Tdap Vaccines, Arkansas 2025\*



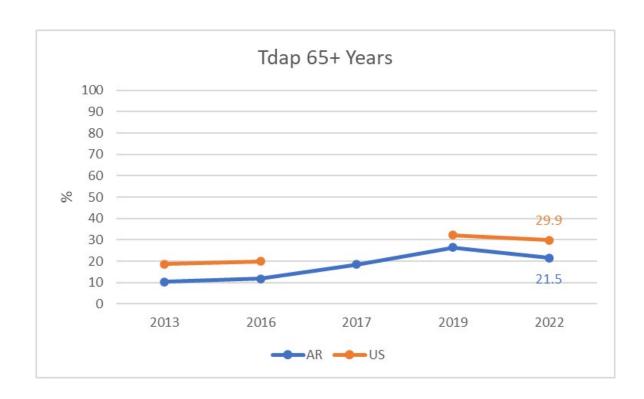


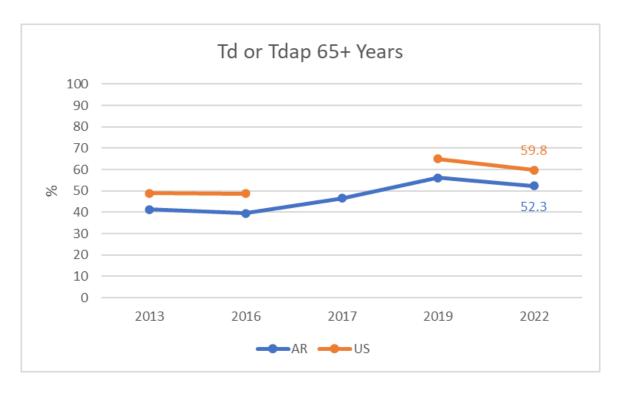
## Immunizations for Adults



# TD or Tdap Vaccination Coverage Among Adults BRFSS\* 2013-2023,

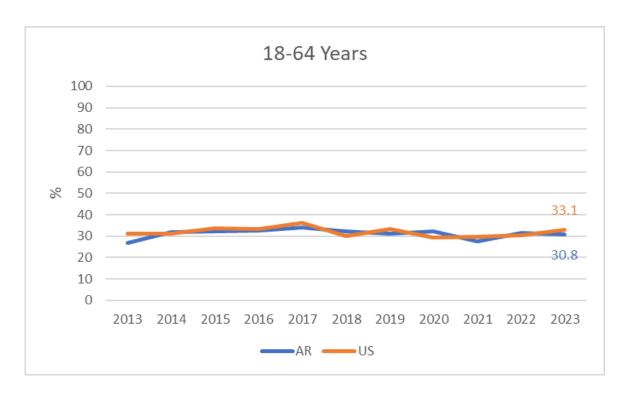


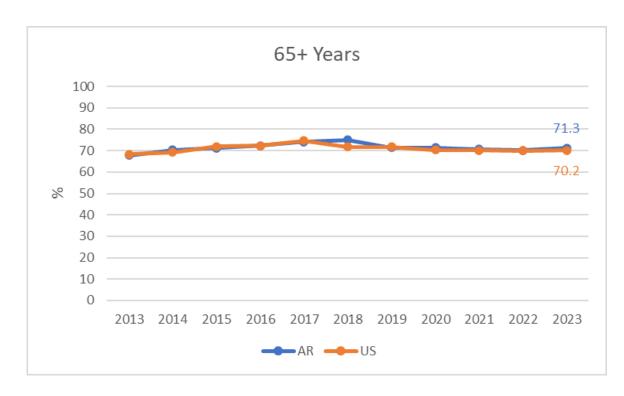




# Pneumococcal Vaccination Coverage Among Adults BRFSS\* 2013-2023

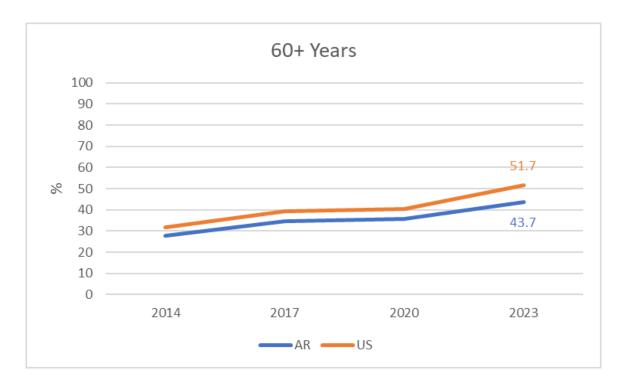


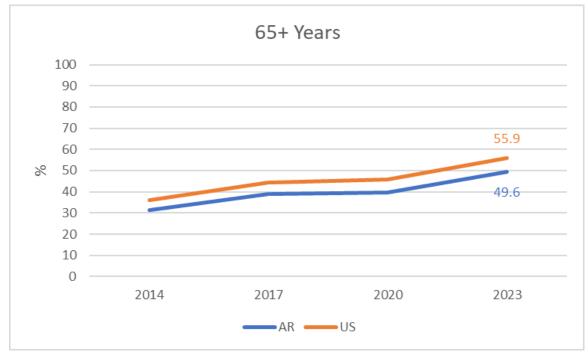




# Zoster (Shingles) Vaccination Coverage Among Adults, BRFSS\* 2014, 17, 20, 23

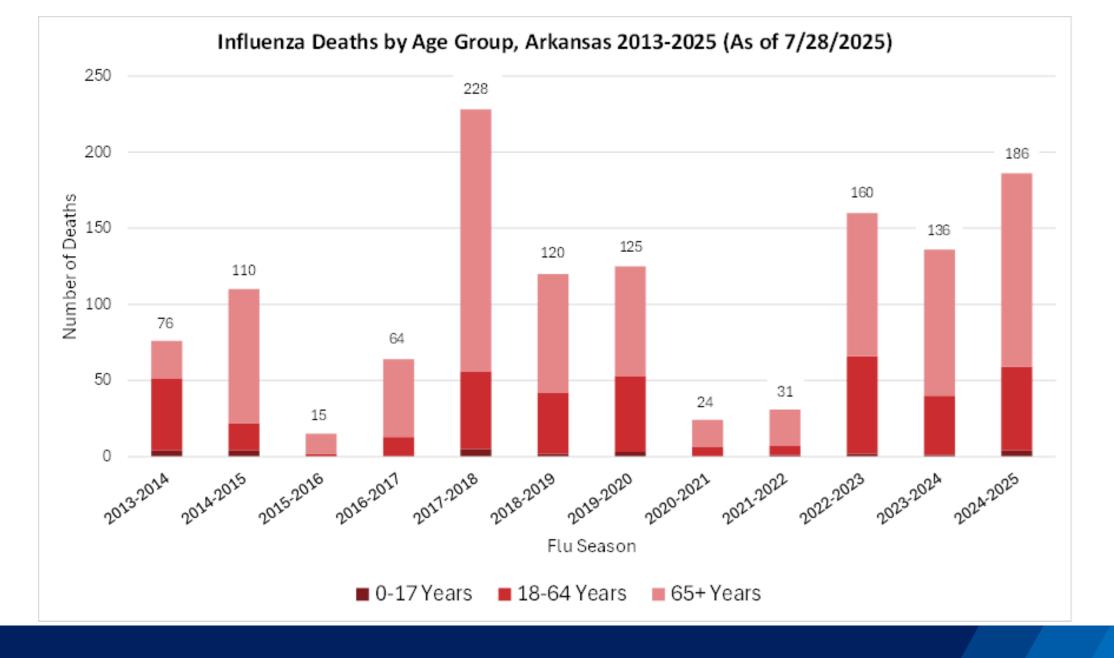




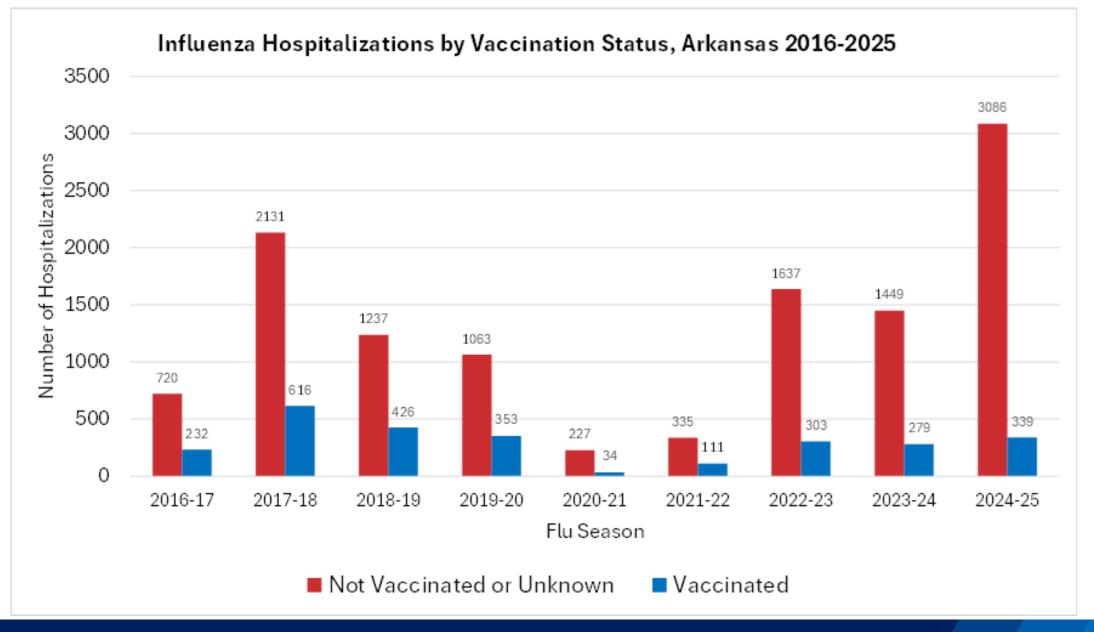


## Influenza Immunization





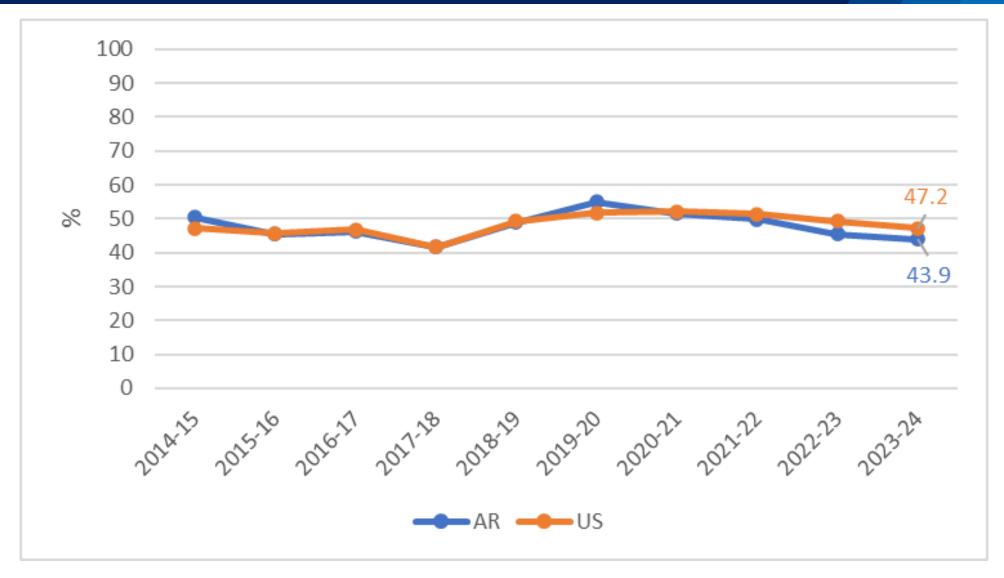






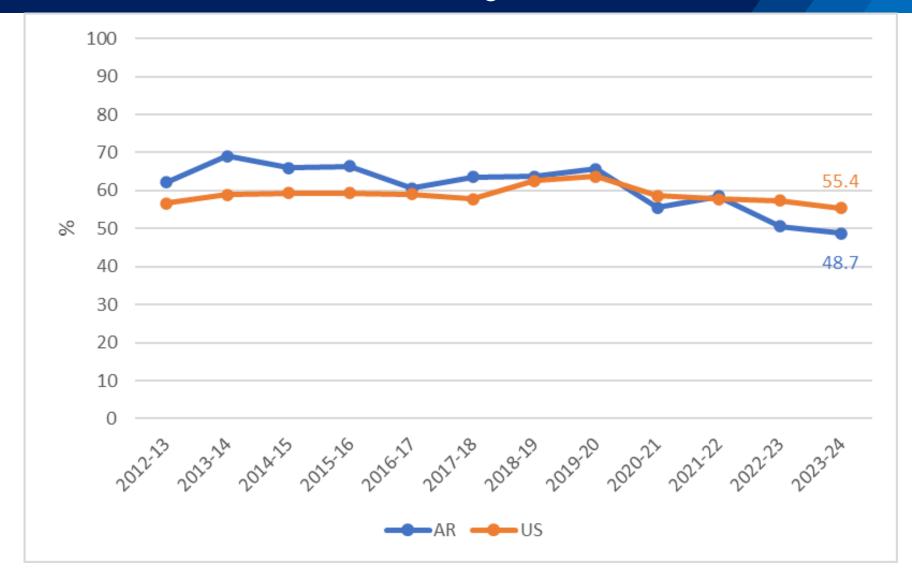
# Influenza Vaccination Coverage For Persons ≥6 Months of Age 2012-2024, NIS-Flu and BRFSS





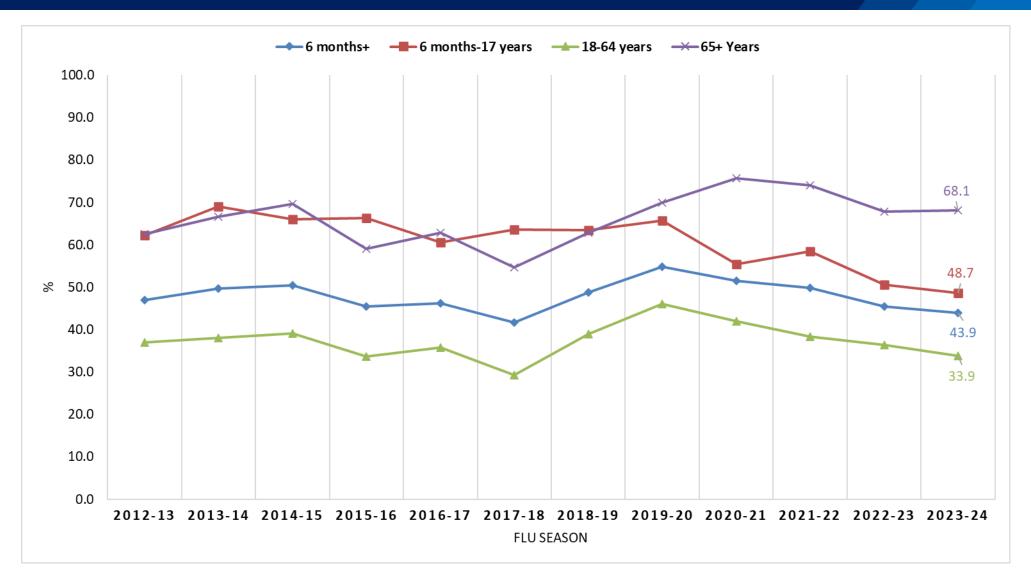
#### Influenza Vaccination Coverage Among Persons 6 Months-17 Years of Age, NIS-Flu, 2012-2024





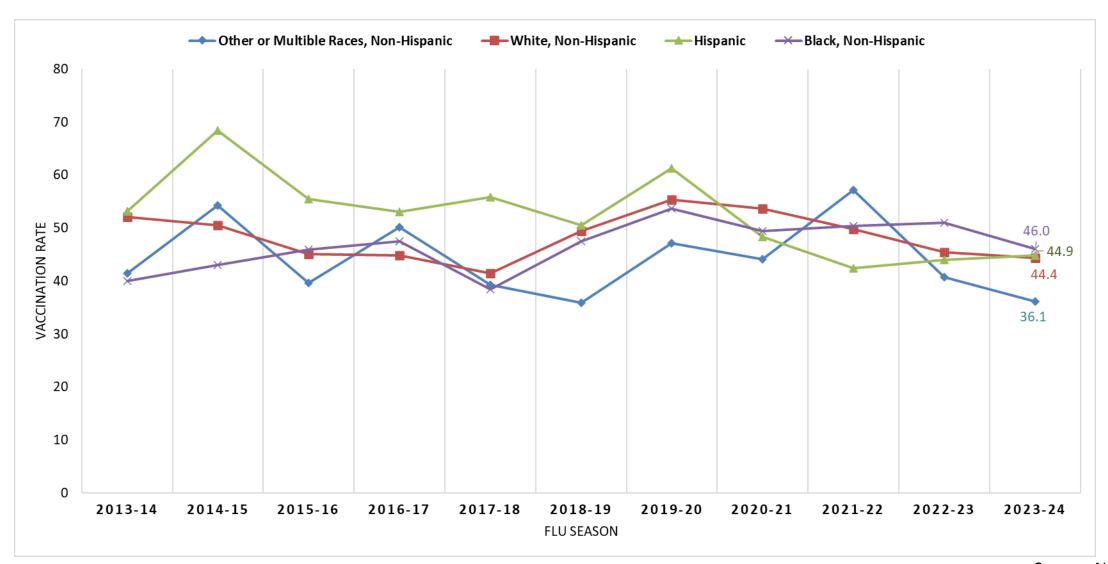
# Influenza Vaccination Coverage by Age Group Arkansas, 2012-2024, NIS, BRFSS





### Influenza Vaccination Coverage by Race, Arkansas





Source: NIS, BRFSS

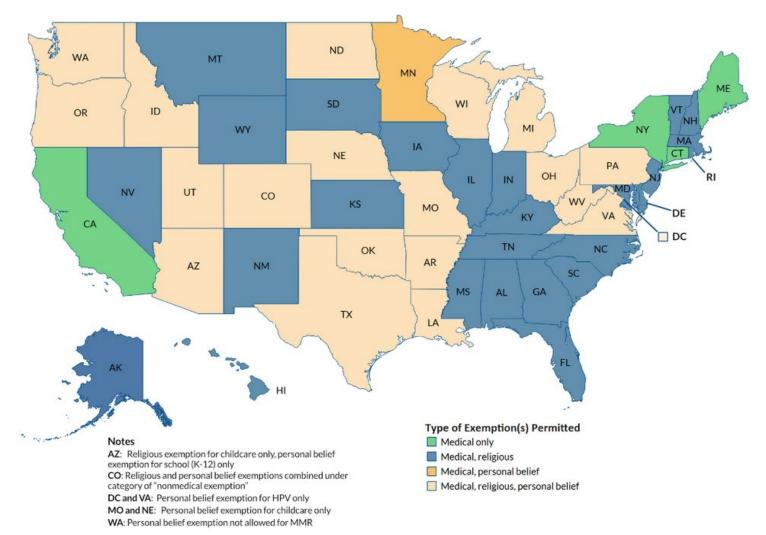
## Immunization Exemptions



## States With Medical, Religious and Philosophical Exemptions for Childcare and K-12 From School Immunization Requirements, May 2025



- All 50 states and DC school immunization laws grant exemptions to children for medical reasons.
- There are 45 states and D.C. that grant religious exemptions for people who have religious objections to immunizations.
- 20 states and D.C. allow some philosophical exemptions from few or all vaccines, or to certain age groups for those who object to immunizations because of personal beliefs.

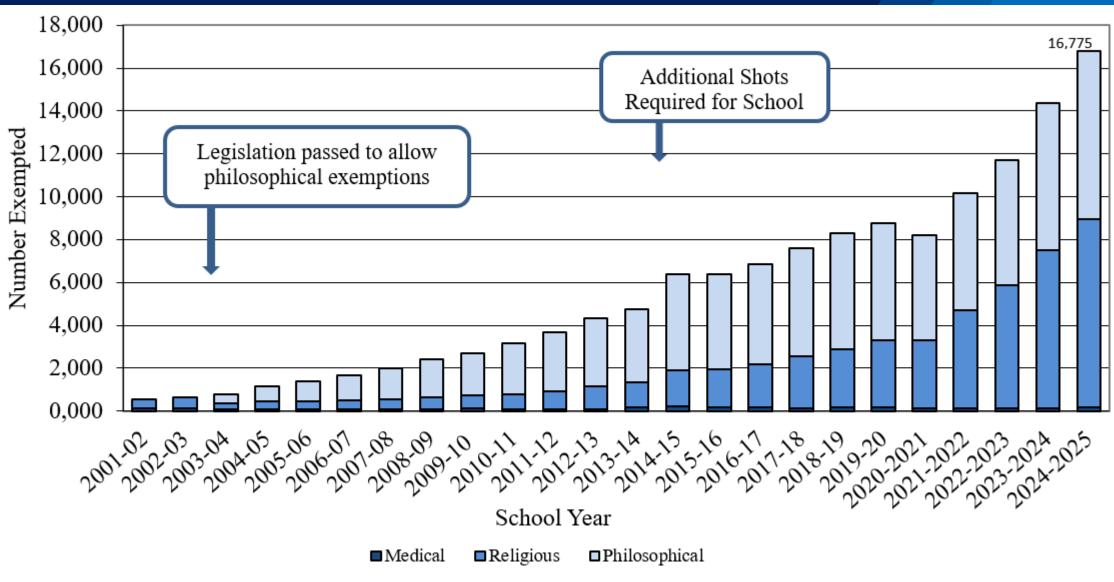




Source: <a href="https://www.immunize.org/official-guidance/state-policies/vaccine-requirements/exemptions-child-school-2025/">https://www.immunize.org/official-guidance/state-policies/vaccine-requirements/exemptions-child-school-2025/</a>

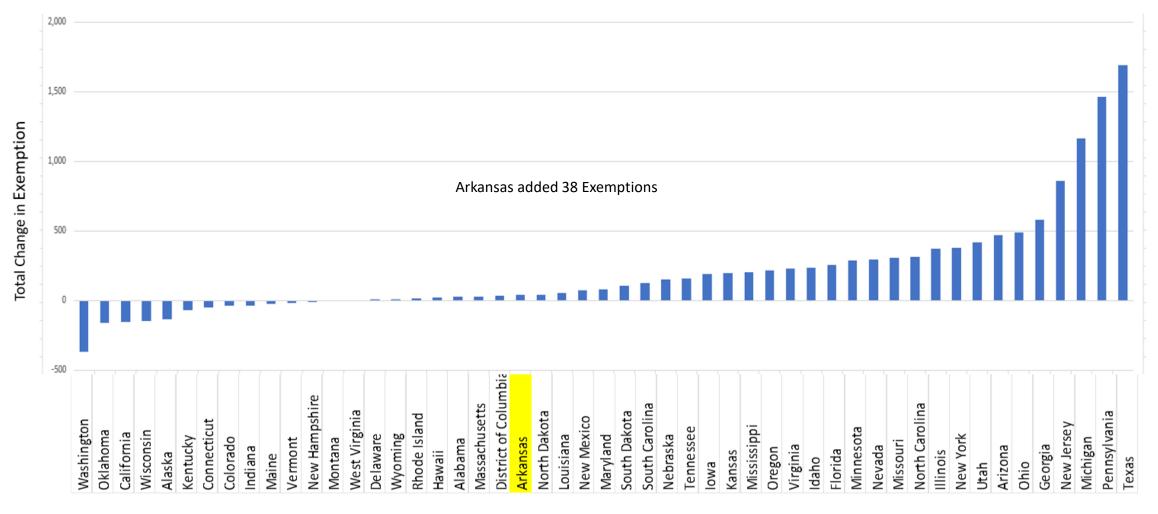
#### Immunization Exemption by Type, Arkansas 2001-25





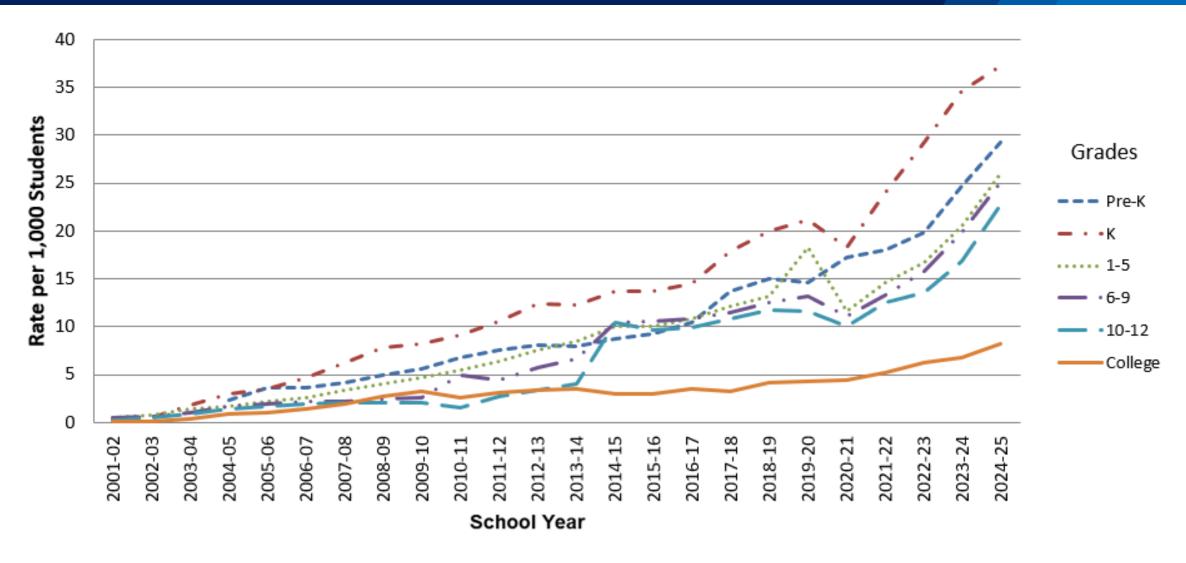
## Change in Number Exempt for One or More Vaccines Among Children Enrolled in Kindergarten by Jurisdiction (2023–24 to 2024–25)



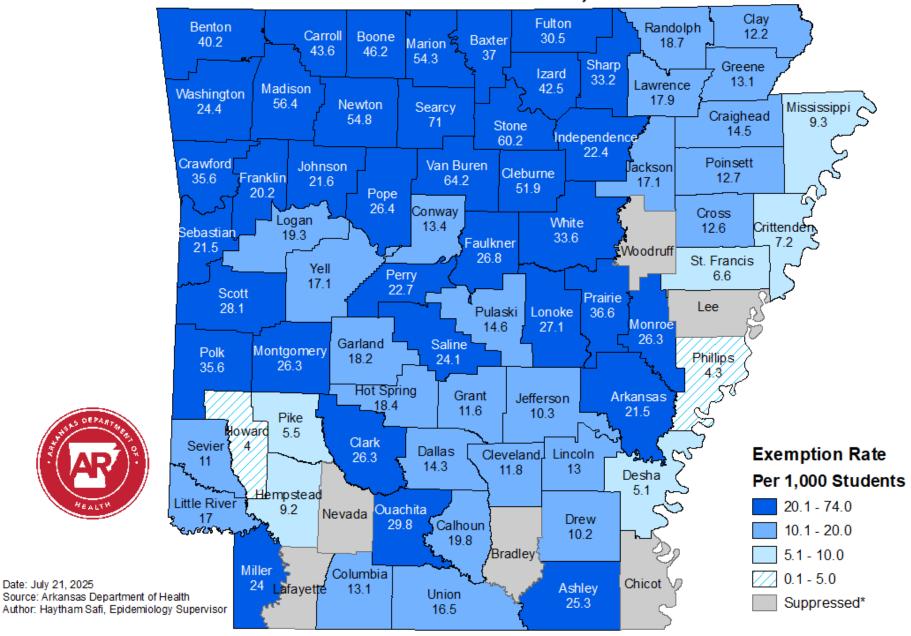


# Immunization Exemption Rates per 1,000 Students by Grade Groups, 2001-2025





## Medical, Religious, and Philosophical Exemption per 1,000 K-12 Students Arkansas Public Schools, 2024-2025



## Questions?



## Jennifer Dillaha, M.D.

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