



# OKLAHOMA KINDERGARTEN IMMUNIZATION SURVEY

Each year, the Oklahoma State Department of Health (OSDH), in collaboration with the Oklahoma State Department of Education and schools throughout the state, conducts a survey to assess vaccination coverage and exemption status of children enrolled in public and private kindergarten programs.

Participation of schools in this survey is not only essential to capture immunization rates among children, but analysis of this data drives public health policy and program activities to improve vaccination coverage in our state. Aggregate results are also shared with the Centers for Disease Control and Prevention (CDC) for inclusion in the national kindergarten survey report. We appreciate the time and effort of our education partners in participating in the annual survey.

## 2023-24 Oklahoma Kindergarten Immunization Survey Results\*

### Participation and Response Rates\*

We achieved a high rate of participation for the 2023-24 survey.

- ◆ 92% of public schools and 55% of private schools submitted responses and data.
- ◆ Responses from schools represented 95% of students enrolled in public kindergarten programs and 62% in private school programs.

### Vaccination Rates\*

- ◆ For the 2023-24 school year, 87% of public school kindergartners and 81% of private school kindergartners were found to be fully vaccinated.
- ◆ When examining individual vaccine coverage, the highest rates among kindergartners were for the varicella and hepatitis B vaccines. MMR vaccine coverage had the lowest rates.
- ◆ Immunization exemption rates were found to be 5.6% for public schools and 9.0% for private schools.
- ◆ The tables on the following page highlight in greater detail the vaccine specific coverage rates, overall immunization rates by county, and medical/non-medical exemption rates.

If you have any questions regarding this summary, please contact the OSDH Immunization Service at (405) 426-8580.

\*Results and data are preliminary until published by the CDC each year.



### Percentage of Kindergarten Students with Record of Current Vaccination by Vaccine Type, Oklahoma, 2021-2024\*

|                         | 2021-22 | 2022-23 | 2023-24 | Annual Change |
|-------------------------|---------|---------|---------|---------------|
| Up to date all vaccines | 84.3%   | 87.5%   | 86.4%   | -1.1%         |
| Up to date DTaP         | 90.7%   | 90.7%   | 92.4%   | +1.7%         |
| Up to date Polio        | 90.9%   | 91.7%   | 93.1%   | +1.4%         |
| Up to date MMR          | 85.9%   | 90.3%   | 91.8%   | +1.5%         |
| Up to date Hep B        | 94.0%   | 94.8%   | 95.6%   | +0.8%         |
| Up to date Hep A        | 92.8%   | 93.2%   | 93.6%   | +0.4%         |
| Up to date Varicella    | 94.0%   | 95.4%   | 96.1%   | +0.7%         |
| Any Exemption           | 7.0%    | 4.7%    | 5.7%    | +1.0%         |

### Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2023-2024\*

|               | Medical |         | Non-Medical |         |
|---------------|---------|---------|-------------|---------|
|               | Public  | Private | Public      | Private |
| All vaccines  | 0.1%    | 0.2%    | 4.1%        | 6.7%    |
| DTaP          | 0.1%    | 0.2%    | 5.1%        | 8.6%    |
| Polio         | 0.1%    | 0.2%    | 5.0%        | 8.3%    |
| MMR           | 0.2%    | 0.2%    | 5.1%        | 8.3%    |
| Hep B         | 0.1%    | 0.2%    | 4.3%        | 7.0%    |
| Hep A         | 0.1%    | 0.2%    | 4.7%        | 7.1%    |
| Varicella     | 0.1%    | 0.2%    | 4.3%        | 6.9%    |
| Any Exemption | 0.2%    | 0.2%    | 5.4%        | 8.8%    |

### Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2021-2024\*

|                                 | 2021-22 | 2022-23 | 2023-24 | Annual Change |
|---------------------------------|---------|---------|---------|---------------|
| Number of Schools Participating | 712     | 777     | 824     | +47           |
| % of Schools Surveyed           | 75.6%   | 82.8%   | 87.9%   | +5.1%         |
| Number of Students Assessed     | 45,583  | 47,031  | 46,494  | -537          |
| % of Students Assessed          | 84.3%   | 91.8%   | 95.2%   | +3.4%         |

### Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2023-2024\*

| County    | Up to Date For All | Any Exemption | County   | Up to Date For All | Any Exemption | County     | Up to Date For All | Any Exemption | County       | Up to Date For All | Any Exemption | County      | Up to Date For All | Any Exemption |
|-----------|--------------------|---------------|----------|--------------------|---------------|------------|--------------------|---------------|--------------|--------------------|---------------|-------------|--------------------|---------------|
|           | %                  | %             |          | %                  | %             |            | %                  | %             |              | %                  | %             |             | %                  | %             |
| Adair     | 91.6               | 2.0           | Cotton   | 92.5               | 5.0           | Jackson    | 93.9               | 2.4           | McIntosh     | 84.1               | 5.5           | Roger Mills | 90.1               | 3.7           |
| Alfalfa   | 91.7               | 4.2           | Craig    | 77.0               | 5.4           | Jefferson  | 72.5               | 0.0           | Murray       | 79.9               | 1.1           | Rogers      | 86.8               | 5.2           |
| Atoka     | 76.6               | 6.9           | Creek    | 85.2               | 6.4           | Johnston   | 79.8               | 3.5           | Muskogee     | 84.6               | 3.3           | Seminole    | 75.7               | 2.4           |
| Beaver    | 91.4               | 2.9           | Custer   | 93.4               | 3.2           | Kay        | 97.1               | 1.8           | Noble        | 76.2               | 0.0           | Sequoyah    | 79.5               | 5.7           |
| Beckham   | 84.8               | 4.3           | Delaware | 90.0               | 3.7           | Kingfisher | 88.8               | 4.0           | Nowata       | 90.4               | 6.1           | Stephens    | 92.6               | 4.4           |
| Blaine    | 87.6               | 0.0           | Dewey    | 73.9               | 10.8          | Kiowa      | 92.5               | 4.3           | Okfuskee     | 88.6               | 3.3           | Texas       | 94.7               | 0.9           |
| Bryan     | 90.6               | 3.7           | Ellis    | 87.5               | 6.3           | Latimer    | 92.4               | 2.2           | Oklahoma     | 86.9               | 5.7           | Tillman     | 89.3               | 4.9           |
| Caddo     | 79.1               | 3.1           | Garfield | 95.7               | 2.8           | Le Flore   | 90.4               | 2.8           | Okmulgee     | 86.6               | 4.2           | Tulsa       | 85.9               | 5.0           |
| Canadian  | 87.0               | 5.1           | Garvin   | 86.6               | 4.0           | Lincoln    | 77.0               | 5.9           | Osage        | 86.1               | 4.5           | Wagoner     | 79.0               | 6.0           |
| Carter    | 90.7               | 2.5           | Grady    | 92.1               | 5.5           | Logan      | 83.6               | 5.2           | Ottawa       | 89.0               | 2.3           | Washington  | 86.4               | 3.8           |
| Cherokee  | 90.3               | 4.0           | Grant    | 90.5               | 9.5           | Love       | 87.9               | 4.4           | Pawnee       | 95.8               | 3.4           | Washita     | 91.0               | 5.7           |
| Choctaw   | 88.2               | 2.4           | Greer    | 86.8               | 7.6           | Major      | 96.7               | 3.3           | Payne        | 92.0               | 5.5           | Woods       | 90.9               | 6.1           |
| Cimarron  | 75.0               | 0.0           | Harmon   | 96.9               | 3.1           | Marshall   | 91.7               | 3.3           | Pittsburg    | 89.0               | 1.6           | Woodward    | 83.9               | 4.0           |
| Cleveland | 91.9               | 5.2           | Harper   | 72.2               | 0.0           | Mayes      | 90.3               | 7.4           | Pontotoc     | 94.9               | 3.3           |             |                    |               |
| Coal      | 94.9               | 0.0           | Haskell  | 85.8               | 4.3           | McCain     | 88.9               | 6.7           | Pottawatomie | 90.7               | 5.5           |             |                    |               |
| Comanche  | 86.0               | 2.9           | Hughes   | 85.1               | 4.6           | McCurtain  | 93.0               | 1.4           | Pushmataha   | 80.0               | 7.7           |             |                    |               |

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