



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.

2022-23 Oklahoma Kindergarten Immunization Survey Results*

Participation and Response Rates*

We achieved a high rate of participation for the 2022-23 survey.

- ◆ 84% of public schools and 57% of private schools submitted responses and data.
- ◆ Responses from schools represented 91% of students enrolled in public kindergarten programs and 65% in private school programs.

Vaccination Rates*

- ◆ For the 2022-23 school year, 87% of public school kindergartners and 79% 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 4.6% for public schools and 6.5% 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, 2020-2023*

	2020-21	2021-22	2022-23	Annual Change
Up to date all vaccines	89.1%	84.3%	87.5%	+3.2%
Up to date DTaP	91.3%	90.7%	90.7%	0.0%
Up to date Polio	92.2%	90.9%	91.7%	+0.8%
Up to date MMR	91.4%	85.9%	90.3%	+4.4%
Up to date Hep B	96.8%	94.0%	94.8%	+0.8%
Up to date Hep A	95.0%	92.8%	93.2%	+0.4%
Up to date Varicella	97.1%	94.0%	95.4%	+1.4%
Any Exemption	2.4%	7.0%	4.7%	-2.3%

Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2022-2023*

	Medical		Non-Medical	
	Public	Private	Public	Private
All vaccines	0.3%	0.1%	3.3%	4.7%
DTaP	0.4%	0.2%	3.4%	5.0%
Polio	0.4%	0.2%	3.3%	4.8%
MMR	0.4%	0.2%	3.4%	4.1%
Hep B	0.3%	0.1%	3.0%	3.9%
Hep A	0.4%	0.2%	3.1%	4.0%
Varicella	0.3%	0.1%	3.0%	3.9%
Any Exemption	0.4%	0.2%	4.3%	6.5%

Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2020-2023*

	2020-21	2021-22	2022-23	Annual Change
Number of Schools Participating	772	712	777	+65
% of Schools Surveyed	82.3%	75.6%	82.8%	+7.2%
Number of Students Assessed	47,375	45,583	47,031	+1,448
% of Students Assessed	90.0%	84.3%	91.8%	+7.5%

Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2022-2023*

County	Up to Date For All		County	Up to Date For All		County	Up to Date For All		County	Up to Date For All		County	Up to Date For All	
	%	Any Exemption		%	Any Exemption		%	Any Exemption		%	Any Exemption		%	Any Exemption
Adair	91.6	1.9	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	96.8	1.8	Noble	76.2	0.0	Sequoyah	79.5	5.5
Beckham	84.8	4.3	Delaware	89.8	3.7	Kingfisher	88.4	4.0	Nowata	90.4	6.1	Stephens	92.2	4.4
Blaine	87.6	0.0	Dewey	73.8	10.8	Kiowa	92.5	4.3	Okfuskee	88.6	3.3	Texas	94.7	1.0
Bryan	89.3	3.7	Ellis	87.5	6.3	Latimer	92.4	2.1	Oklahoma	86.9	5.6	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	85.8	5.0
Canadian	86.7	5.2	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	85.8	3.7
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	7.5	Major	96.7	3.3	Payne	90.3	6.1	Woods	90.9	6.1
Cimarron	75.0	0.0	Harmon	96.9	3.1	Marshall	91.7	3.3	Pittsburg	88.8	1.7	Woodward	83.9	4.0
Cleveland	91.8	5.2	Harper	72.2	0.0	Mayes	90.3	7.2	Pontotoc	94.4	3.3			
Coal	94.9	0.0	Haskell	85.8	4.3	McClain	88.9	6.7	Pottawatomie	90.7	5.5			
Comanche	85.2	2.8	Hughes	85.1	4.5	McCurtain	85.1	1.4	Pushmataha	80.0	7.7			

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