



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.

2021-22 Oklahoma Kindergarten Immunization Survey Results*

Participation and Response Rates*

We achieved a high rate of participation for the 2021-22 survey.

- ◆ 80% of public schools and 34% of private schools submitted responses and data.
- ◆ Responses from schools represented 86% of students enrolled in public kindergarten programs and 46% in private school programs.

Vaccination Rates*

- ◆ For the 2021-22 school year, 90% of public school kindergartners and 91% of private school kindergartners were found to be fully vaccinated.
- ◆ When examining individual vaccine coverage, the highest rates among kindergartners were for the Varicella (1+ doses) and Hepatitis B vaccines. MMR (measles, mumps, and rubella) and DTaP vaccine coverage had the lowest rates.
- ◆ Immunization exemption rates were found to be 3.3% for public schools and 7.0% 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) 426-8710.

*Results and data are preliminary until published by the CDC in the fall of 2022.



Percentage of Kindergarten Students with Record of Current Vaccination by Vaccine Type, Oklahoma, 2019-2022*

	2019-20	2020-21	2021-22	Annual Change
Up to date all vaccines	91.4%	89.1%	89.5%	-
Up to date DTaP	94.4%	91.3%	91.7%	+0.4%
Up to date Polio	94.7%	92.2%	92.5%	+0.3%
Up to date MMR	93.7%	91.4%	91.7%	+0.3%
Up to date Hep B	95.8%	96.8%	95.9%	-0.9%
Up to date Hep A	95.4%	95.0%	94.1%	-0.9%
Up to date Varicella	97.6%	97.1%	96.2%	-0.9%
Any Exemption	2.6%	2.4%	3.4%	-

Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2021-2022*

	Medical		Non-Medical	
	Public	Private	Public	Private
All vaccines	0.1%	0.5%	2.4%	4.4%
DTaP	0.1%	0.5%	2.9%	5.7%
Polio	0.1%	0.5%	2.9%	5.7%
MMR	0.1%	0.5%	2.9%	6.4%
Hep B	0.1%	0.5%	2.5%	4.8%
Hep A	0.1%	0.5%	2.7%	5.1%
Varicella	0.1%	0.5%	2.6%	4.9%
Any Exemption	0.1%	0.5%	3.1%	6.5%

Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2019-2022*

	2019-20	2020-21	2021-22	Annual Change
Number of Schools Participating	764	772	712	-60
% of Schools Surveyed	79.3%	82.3%	75.6%	-6.7%
Number of Students Assessed	47,479	47,375	45,583	-1,792
% of Students Assessed	86.1%	90.0%	84.3%	-5.7%

Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2021-2022*

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	94.0	4.2	Cotton	70.7	2.4	Jackson	97.8	0.8	McIntosh	91.6	3.3	Roger Mills	90.6	1.6
Alfalfa	88.5	1.9	Craig	92.3	6.3	Jefferson	80.0	0.0	Murray	80.4	1.9	Rogers	92.2	4.6
Atoka	76.8	5.1	Creek	91.0	3.8	Johnston	90.2	2.7	Muskogee	87.1	2.2	Seminole	86.9	2.8
Beaver	95.8	2.1	Custer	92.8	3.9	Kay	97.6	1.3	Noble	87.0	0.0	Sequoyah	84.9	5.9
Beckham	91.5	2.7	Delaware	89.0	5.1	Kingfisher	89.8	2.7	Nowata	96.8	0.0	Stephens	96.9	1.7
Blaine	87.8	5.1	Dewey	72.6	16.1	Kiowa	95.8	1.4	Okfuskee	91.7	0.7	Texas	97.2	0.4
Bryan	92.0	2.2	Ellis	91.2	8.8	Latimer	87.5	2.5	Oklahoma	85.8	3.1	Tillman	98.0	1.0
Caddo	79.1	0.7	Garfield	95.9	2.0	Le Flore	91.2	1.8	Okmulgee	93.4	2.4	Tulsa	89.3	4.0
Canadian	91.8	3.3	Garvin	90.9	3.8	Lincoln	77.8	5.7	Osage	85.1	2.6	Wagoner	87.3	5.5
Carter	90.8	3.3	Grady	92.9	5.3	Logan	67.7	3.7	Ottawa	92.7	0.8	Washington	88.8	2.7
Cherokee	94.5	2.9	Grant	94.2	1.9	Love	92.9	5.4	Pawnee	92.7	6.4	Washita	93.9	5.1
Choctaw	96.6	0.9	Greer	88.4	2.9	Major	93.6	6.4	Payne	92.4	3.8	Woods	95.1	2.4
Cimarron	-	-	Harmon	89.7	0.0	Marshall	90.1	2.1	Pittsburg	93.2	2.9	Woodward	88.3	4.9
Cleveland	93.6	4.4	Harper	88.6	0.0	Mayes	95.1	4.6	Pottawatomie	91.3	3.5			
Coal	97.3	2.7	Haskell	90.7	1.2	McClain	89.8	5.8	Pushmataha	94.3	1.6			
Comanche	91.8	3.4	Hughes	88.6	4.7	McCurtain	91.0	0.5						

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