



# 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.

## 2020-21 Oklahoma Kindergarten Immunization Survey Results\*

### Participation and Response Rates\*

We achieved a high rate of participation for the 2020-21 survey.

- ◆ 86% of public schools and 48% of private schools submitted responses and data.
- ◆ Responses from schools represented 91% of students enrolled in public kindergarten programs and 61% in private school programs.

### Vaccination Rates\*

- ◆ For the 2020-21 school year, 89% of public school kindergartners and 90% 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. DTaP vaccine coverage had the lowest rates.
- ◆ Immunization exemption rates were found to be 2.3% for public schools and 5.1% 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, 2018-2021\*

	2018-19	2019-20	2020-21	Annual Change
Up to date all vaccines	91.4%	91.4%	89.1%	-2.3%
Up to date DTaP	93.7%	94.4%	91.3%	-3.1%
Up to date Polio	94.0%	94.7%	92.2%	-2.5%
Up to date MMR	93.2%	93.7%	91.4%	-2.3%
Up to date Hep B	96.8%	95.8%	96.8%	+1.0%
Up to date Hep A	95.7%	95.4%	95.0%	-0.4%
Up to date Varicella	96.8%	97.6%	97.1%	-0.5%
Any Exemption	2.6%	2.6%	2.4%	-0.2%

## Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2020-2021\*

	Medical		Non-Medical	
	Public	Private	Public	Private
All vaccines	0.1%	0.4%	1.6%	3.0%
DTaP	0.1%	0.5%	2.0%	4.0%
Polio	0.1%	0.5%	2.0%	4.2%
MMR	0.1%	0.5%	2.1%	4.0%
Hep B	0.1%	0.4%	1.7%	3.5%
Hep A	0.1%	0.5%	1.9%	4.0%
Varicella	0.1%	0.4%	1.7%	3.2%
Any Exemption	0.2%	0.5%	2.2%	4.5%

## Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2018-2021\*

	2018-19	2019-20	2020-21	Annual Change
Number of Schools Participating	834	764	772	+8
% of Schools Surveyed	86.4%	79.3%	82.3%	+3.0%
Number of Students Assessed	50,456	47,479	47,375	-104
% of Students Assessed	92.1%	86.1%	90.0%	+3.9%

## Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2020-2021\*

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	90.3	3.5	Cotton	76.2	0.0	Jackson	95.5	1.5	McIntosh	93.9	6.1	Roger Mills	91.1	3.6
Alfalfa	91.4	8.6	Craig	89.7	2.6	Jefferson	89.6	4.2	Murray	91.1	3.4	Rogers	90.4	1.9
Atoka	81.7	4.4	Creek	93.6	3.7	Johnston	100.0	0.0	Muskogee	91.1	1.6	Seminole	86.9	1.3
Beaver	78.3	0.0	Custer	92.7	2.0	Kay	95.2	1.0	Noble	82.9	1.9	Sequoyah	83.6	3.0
Beckham	92.6	2.0	Delaware	92.5	2.2	Kingfisher	81.7	2.6	Nowata	93.3	5.8	Stephens	94.5	3.0
Blaine	91.7	0.0	Dewey	73.4	9.4	Kiowa	92.2	2.6	Okfuskee	93.3	3.1	Texas	94.3	2.0
Bryan	92.0	2.5	Ellis	82.1	0.0	Latimer	91.1	1.1	Oklahoma	83.9	1.9	Tillman	87.9	3.0
Caddo	90.1	1.1	Garfield	93.7	1.9	Le Flore	90.4	1.6	Okmulgee	94.7	1.9	Tulsa	88.4	2.6
Canadian	92.0	2.3	Garvin	89.5	1.1	Lincoln	82.8	5.1	Osage	85.8	2.5	Wagoner	87.1	4.1
Carter	93.1	3.2	Grady	93.4	3.2	Logan	76.7	2.5	Ottawa	89.7	0.8	Washington	84.9	3.4
Cherokee	94.3	2.1	Grant	100.0	0.0	Love	96.7	3.3	Pawnee	89.2	3.4	Washita	97.8	1.5
Choctaw	94.9	1.1	Greer	90.2	1.2	Major	98.9	1.1	Payne	91.6	4.3	Woods	89.8	2.8
Cimarron	94.1	0.0	Harmon	100.0	0.0	Marshall	97.2	2.8	Pittsburg	90.6	2.0	Woodward	93.0	2.8
Cleveland	93.4	3.4	Harper	89.3	1.8	Mayes	95.7	2.7	Pontotoc	98.2	1.0			
Coal	91.5	2.8	Haskell	89.6	0.9	McClain	93.7	3.1	Pottawatomie	94.4	2.3			
Comanche	92.6	2.1	Hughes	94.7	0.8	McCurtain	89.7	0.9	Pushmataha	95.8	0.0			

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