



# 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.

## 2019-20 Oklahoma Kindergarten Immunization Survey Results\*

### Participation and Response Rates\*

We achieved a high rate of participation for the 2019-20 survey.

- ◆ 84% of public schools and 42% of private schools submitted responses and data.
- ◆ Responses from schools represented 88% of students enrolled in public kindergarten programs and 53% in private school programs.

### Vaccination Rates\*

- ◆ For the 2019-20 school year, 91% 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) vaccine coverage had the lowest rates.
- ◆ Immunization exemption rates were found to be 2.6% for public schools and 5.3% 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) 271-4073.

\*Results and data are preliminary until published by the CDC in the fall of 2020.

## Percentage of Kindergarten Students with Record of Current Vaccination by Vaccine Type, Oklahoma, 2017-2020\*

	2017-18	2018-19	2019-20	Annual Change
Up to date all vaccines	90.4%	91.4%	91.4%	-
Up to date DTaP	94.1%	93.7%	94.4%	+0.7%
Up to date Polio	94.0%	94.0%	94.7%	+0.7%
Up to date MMR	92.9%	93.2%	93.7%	+0.5%
Up to date Hep B	94.6%	96.8%	95.8%	-1.0%
Up to date Hep A	95.6%	95.7%	95.4%	-0.3%
Up to date Varicella	97.2%	96.8%	97.6%	+0.8%
Any Exemption	2.4%	2.6%	2.6%	-

## Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2019-2020\*

	Medical		Non-Medical	
	Public	Private	Public	Private
All vaccines	0.1%	0.3%	1.8%	3.5%
DTaP	0.1%	0.3%	2.2%	4.2%
Polio	0.1%	0.3%	2.2%	4.3%
MMR	0.1%	0.3%	2.3%	4.3%
Hep B	0.1%	0.3%	1.9%	4.1%
Hep A	0.1%	0.3%	2.1%	3.9%
Varicella	0.1%	0.3%	1.9%	3.8%
Any Exemption	0.1%	0.3%	2.4%	4.9%

## Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2017-2020\*

	2017-18	2018-19	2019-20	Annual Change
Number of Schools Participating	815	834	764	-70
% of Schools Surveyed	84.7%	86.4%	79.3%	-7.1%
Number of Students Assessed	49,801	50,456	47,479	-2,977
% of Students Assessed	89.9%	92.1%	86.1%	-6.0%

## Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2019-2020\*

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	94.3	1.4	Cotton	82.8	1.6	Jackson	98.5	0.9	McIntosh	94.9	1.3	Roger Mills	91.5	1.7
Alfalfa	81.5	3.1	Craig	77.6	2.6	Jefferson	94.9	2.6	Murray	80.9	8.8	Rogers	94.8	2.7
Atoka	85.1	2.3	Creek	93.9	4.3	Johnston	86.5	0.0	Muskogee	92.7	1.1	Seminole	91.6	0.7
Beaver	91.4	0.0	Custer	92.2	0.9	Kay	94.3	0.9	Noble	88.4	0.0	Sequoyah	87.9	3.0
Beckham	93.2	0.7	Delaware	90.2	1.7	Kingfisher	78.8	1.7	Nowata	96.0	4.0	Stephens	95.5	2.5
Blaine	82.5	5.3	Dewey	66.7	0.0	Kiowa	92.0	1.6	Okfuskee	82.1	5.1	Texas	96.4	0.3
Bryan	96.0	1.7	Ellis	82.8	1.7	Latimer	61.5	1.0	Oklahoma	88.5	2.5	Tillman	89.5	1.9
Caddo	94.0	0.6	Garfield	97.2	0.8	Le Flore	94.9	1.5	Okmulgee	95.6	1.9	Tulsa	89.8	3.4
Canadian	94.5	2.7	Garvin	91.5	1.8	Lincoln	85.2	3.8	Osage	82.4	3.8	Wagoner	86.5	4.3
Carter	96.1	2.2	Grady	92.7	3.4	Logan	78.6	3.2	Ottawa	91.0	1.2	Washington	93.7	2.2
Cherokee	95.5	2.4	Grant	94.1	5.9	Love	100.0	0.0	Pawnee	88.2	4.5	Washita	96.1	1.3
Choctaw	95.9	1.0	Greer	86.3	1.3	Major	96.7	2.5	Payne	94.1	4.0	Woods	91.5	0.9
Cimarron	90.0	5.0	Harmon	100.0	0.0	Marshall	97.2	2.8	Pittsburg	93.0	2.4	Woodward	95.7	2.8
Cleveland	93.7	3.9	Harper	94.5	0.0	Mayes	92.8	3.4	Pontotoc	97.8	1.1			
Coal	95.9	0.0	Haskell	96.1	0.8	McClain	94.0	2.7	Pottawatomie	95.4	2.5			
Comanche	93.2	2.4	Hughes	97.2	0.9	McCurtain	94.0	0.5	Pushmataha	99.2	0.0			

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