



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.

2018-19 Oklahoma Kindergarten Immunization Survey Results*

Participation and Response Rates*

We achieved a high rate of participation for the 2018-19 survey.

- ◆ 91% of public schools and 44% of private schools submitted responses and data.
- ◆ Responses from schools represented 94% of students enrolled in public kindergarten programs and 51% in private school programs.

Vaccination Rates*

- ◆ For the 2018-19 school year, 91% of public school kindergartners and 89% 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 4.7% 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 2019.

Percentage of Kindergarten Students with Record of Current Vaccination by Vaccine Type, Oklahoma, 2017-2019*

	2017-18	2018-19	Difference
Up to date all vaccines	90.4%	91.4%	+1.0%
Up to date DTaP	94.1%	93.7%	-0.4%
Up to date Polio	94.0%	94.0%	-
Up to date MMR	92.9%	93.2%	+0.3%
Up to date Hep B	94.6%	96.8%	+2.2%
Up to date Hep A	95.6%	95.7%	+0.1%
Up to date Varicella	97.2%	96.8%	-0.4%
Any Exemption	2.4%	2.6%	+0.2%

Percentage of Kindergarten Students with Record of Exemption for any Vaccination by Exemption Type, Oklahoma, 2018-2019*

	Medical		Non-Medical	
	Public	Private	Public	Private
All vaccines	0.1%	0.4%	2.0%	2.4%
DTaP	0.1%	0.4%	2.2%	3.0%
Polio	0.1%	0.4%	2.2%	3.4%
MMR	0.1%	0.5%	2.3%	3.4%
Hep B	0.1%	0.3%	2.1%	3.2%
Hep A	0.1%	0.3%	2.2%	3.4%
Varicella	0.1%	0.4%	2.1%	2.8%
Any Exemption	0.1%	0.6%	2.4%	4.1%

Public & Private School Kindergarten Participation by Survey Year, Oklahoma, 2017-2019*

	2017-18	2018-19	Difference
Number of Schools Participating	815	834	+19
% of Schools Surveyed	84.7%	86.4%	+1.7%
Number of Students Assessed	49,801	50,456	+655
% of Students Assessed	89.9%	92.1%	+2.2%

Public & Private School Kindergarten Vaccination Coverage Rates by County, Oklahoma, 2018-2019*

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	95.0	1.6	Cotton	91.2	0.0	Jackson	97.8	0.5	McIntosh	87.1	4.3	Roger Mills	90.6	3.1
Alfalfa	93.9	3.0	Craig	89.4	3.5	Jefferson	88.7	1.4	Murray	87.7	1.5	Rogers	89.5	3.3
Atoka	88.7	1.3	Creek	94.6	3.1	Johnston	91.3	1.5	Muskogee	94.5	2.6	Seminole	91.0	0.8
Beaver	86.4	0.0	Custer	91.9	1.1	Kay	92.3	2.2	Noble	93.6	0.6	Sequoyah	82.8	2.4
Beckham	94.6	1.8	Delaware	91.4	1.8	Kingfisher	84.4	2.9	Nowata	97.4	0.9	Stephens	93.5	1.6
Blaine	87.5	2.5	Dewey	76.7	13.7	Kiowa	95.4	0.8	Okfuskee	96.0	2.0	Texas	96.5	0.6
Bryan	96.0	1.2	Ellis	93.6	3.2	Latimer	90.9	1.1	Oklahoma	90.1	2.9	Tillman	93.1	1.0
Caddo	87.4	1.6	Garfield	97.1	1.3	Le Flore	93.9	1.7	Okmulgee	92.2	1.5	Tulsa	91.5	3.0
Canadian	90.9	2.9	Garvin	90.9	2.7	Lincoln	89.8	4.1	Osage	79.0	1.4	Wagoner	82.0	2.8
Carter	93.7	2.6	Grady	87.7	2.5	Logan	66.0	1.7	Ottawa	88.1	2.4	Washington	94.1	2.2
Cherokee	92.7	1.7	Grant	96.2	1.9	Love	97.8	1.5	Pawnee	93.9	2.5	Washita	89.1	3.7
Choctaw	93.1	1.3	Greer	88.8	1.3	Major	99.0	1.0	Payne	92.8	2.7	Woods	97.3	0.0
Cimarron	86.2	0.0	Harmon	100.0	0.0	Marshall	97.8	1.8	Pittsburg	92.4	1.2	Woodward	91.1	4.6
Cleveland	93.4	3.5	Harper	91.5	1.7	Mayes	95.3	3.0	Pontotoc	95.1	1.5			
Coal	87.3	4.2	Haskell	98.9	0.6	McClain	93.2	3.4	Pottawatomie	93.6	2.6			
Comanche	92.5	1.8	Hughes	94.4	1.3	McCurtain	91.3	2.6	Pushmataha	91.5	3.1			

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