



Annual Report of Immunization Status of Students 2019-2020 School Year DSHS Immunization Unit

Background

Texas requires public school districts and accredited private schools to annually submit a report of students' immunization status (Title 25 Health Services, Texas Administrative Code, §§97.61-97.72). The Annual Report of Immunization Status is a self-reported survey used to measure immunization coverage, primarily among kindergarten and 7th grade students. The results of this report assist the Immunization Unit in identifying schools, districts, and counties with low immunization coverage rates and those with high rates of non-compliance (i.e. students delinquent for requirements).

Methods

In September 2019, instructions for the Annual Report of Immunization Status were distributed to 1,181 public school districts and 920 accredited private schools in Texas. The survey is conducted on-line and can be completed between the last Friday in October and the second Friday in December. The survey collects aggregated data on the number of all kindergarten through 12th grade students (K-12) with a conscientious exemption affidavit on file for any vaccine. The aggregated immunization status of the students, including the reasons why a child is not vaccinated according to the Texas school entry requirements, is collected for kindergarten and 7th grade students. Reports are prepared and submitted by staff at each public school district and accredited private school.

Results

Over 94 percent of the schools or districts surveyed responded. Among the 5,389,096 K-12 students reflected in this survey, 72,743 (1.35 percent) had a conscientious exemption for at least one vaccine on file at the school.

Tables 1 and 2 show aggregated statewide results from the Fall of 2019 for kindergarten and 7th grade, respectively. The percent completely immunized are shown for each vaccine. Immunization coverage was above 95% for all vaccines in both grades. Reasons for not completing each vaccine series are also reported.

Tables 3 and 4 represent students who were completely vaccinated for each vaccine by region and grade level.

Figure 1 illustrates the percentage of reported kindergarten through 12th grade students with a conscientious exemption for one or more vaccines by county.

Conclusion

Texas schools reported high rates of coverage for each vaccine included in the survey. Compared to the 2018-2019 school year, coverage rates for kindergarten and 7th grade students were stable (approximately 0.1 percentage point difference for most vaccines). Rates for conscientious exemptions continue to hover around two percent for kindergarten students and remain under 1.5 percent for 7th grade students. For 7th grade students, MCV4 and Tdap delinquency rates are above one percent, but delinquency rates for all other students and vaccines are below one percent. Medical exemptions and provisional enrollment continue to be very low, with rates below 0.5 percent for most vaccines and students.

Table 1. Texas Kindergarten Annual Report of Immunization Status, 2019-2020 School Year

Vaccine Category	Percent Completely Vaccinated	Reported Reasons for Lack of Completion, by Vaccine			
		Conscientious Exemptions	Medical Exemptions	Provisional Enrollment	Delinquent
		%	%	%	%
DTaP (<i>Diphtheria, tetanus, and acellular pertussis</i>)	96.63%	2.01%	0.11%	0.49%	0.76%
Hepatitis A	96.40%	1.94%	0.12%	0.96%	0.58%
Hepatitis B	97.44%	1.89%	0.07%	0.18%	0.42%
MMR (<i>Measles, mumps, and rubella</i>)	96.96%	2.05%	0.12%	0.13%	0.74%
Polio	96.82%	2.04%	0.09%	0.30%	0.75%
Varicella* (<i>Chickenpox</i>)	96.20%	2.08%	0.15%	0.47%	0.85%

* An additional 0.25% of kindergarten students met school entry requirements through reported history of varicella (chickenpox) disease.

Table 2. Texas 7th Grade Annual Report of Immunization Status, 2019-2020 School Year

Vaccine Category	Percent Completely Vaccinated	Reported Reasons for Lack of Completion by Vaccine			
		Conscientious Exemptions	Medical Exemptions	Provisional Enrollment	Delinquent
		%	%	%	%
Tdap (<i>Tetanus, diphtheria, and acellular pertussis</i>)	97.12%	1.37%	0.06%	0.16%	1.29%
Hepatitis A	98.21%	0.99%	0.06%	0.39%	0.35%
Hepatitis B	98.58%	0.95%	0.04%	0.12%	0.31%
MCV4 (<i>Meningococcal conjugate</i>)	96.98%	1.33%	0.05%	0.06%	1.58%
MMR (<i>Measles, mumps, and rubella</i>)	98.72%	0.93%	0.05%	0.04%	0.26%
Polio	98.52%	0.98%	0.04%	0.15%	0.31%
Varicella* (<i>Chickenpox</i>)	97.37%	1.01%	0.08%	0.13%	0.36%

* An additional 1.05% of 7th grade students met school entry requirements through reported history of varicella (chickenpox) disease.

Table 3. Percent of Kindergarten Students Completely Vaccinated by Public Health Region, 2019-2020 School Year

Vaccine	Public Health Region							
	1	2/3	4/5N	6/5S	7	8	9/10	11
DTaP (<i>Diphtheria, tetanus, and acellular pertussis</i>)	95.66%	95.87%	96.36%	96.91%	95.97%	96.74%	97.29%	98.94%
Hepatitis A	95.77%	95.72%	96.45%	96.36%	95.60%	96.77%	97.08%	98.93%
Hepatitis B	97.04%	96.86%	97.54%	97.45%	96.72%	97.68%	98.33%	99.38%
MMR (<i>Measles, mumps, and rubella</i>)	96.22%	96.34%	96.78%	97.01%	96.33%	97.13%	97.88%	99.13%
Polio	96.02%	96.17%	96.78%	96.88%	96.12%	97.05%	97.66%	99.04%
Varicella* (<i>Chickenpox</i>)	95.42%	95.48%	96.36%	96.20%	95.32%	96.64%	97.12%	98.67%

* This percentage does not reflect kindergarten students who met school entry requirements through reported history of varicella (chickenpox) disease.

Table 4. Percent of 7th Grade Students Completely Vaccinated by Public Health Region, 2019-2020 School Year

Vaccine	Public Health Region							
	1	2/3	4/5N	6/5S	7	8	9/10	11
Tdap (<i>Tetanus, diphtheria, and acellular pertussis</i>)	96.97%	97.19%	97.69%	96.27%	96.60%	97.20%	97.85%	99.14%
Hepatitis A	98.34%	98.11%	98.66%	97.87%	97.61%	98.42%	98.76%	99.32%
Hepatitis B	98.75%	98.43%	98.93%	98.26%	98.12%	98.74%	99.20%	99.71%
MCV4 (<i>Meningococcal conjugate</i>)	97.07%	97.45%	97.72%	95.18%	97.13%	97.22%	98.02%	99.15%
MMR (<i>Measles, mumps, and rubella</i>)	98.80%	98.57%	98.96%	98.44%	98.43%	98.82%	99.29%	99.71%
Polio	98.59%	98.37%	98.82%	98.21%	98.02%	98.69%	99.16%	99.67%
Varicella* (<i>Chickenpox</i>)	97.44%	97.30%	98.25%	97.11%	96.65%	97.86%	98.11%	97.79%

* This percentage does not reflect 7th grade students who met school entry requirements through reported history of varicella (chickenpox) disease.

Figure 1. Percent of Students in Kindergarten through 12th Grade with a Conscientious Exemption on File for at Least One Vaccine, 2019-2020 School Year

