



# 2016 Texas School Immunization Validation Survey Results: Vaccination Compliance Rates of Kindergarten and Seventh Grade Students Attending Texas Schools

## Kindergarten Students in Public Schools

The purpose of the 2016 Texas School Immunization Validation Survey was to assess the number of kindergarten students that were appropriately vaccinated in accordance with Texas school entry immunization requirements (Title 25 Health Services, Chapter 97, Texas Administrative Code §97.63). The Texas Education Agency reported that there were approximately 371,941 kindergarten students enrolled at approximately 4,500 Texas public schools during the 2016 - 2017 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 45 schools with kindergarten students. A random sample of 100 immunization records of kindergarten students was selected from each school.

The following table presents Texas statewide vaccination compliance rates for kindergarten students attending public school in Texas.

### Vaccination Compliance Rates of Texas Public School Kindergarten Students

Vaccine Requirement*	Percent of KG Students Compliant**
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, DT)	97.1
Polio Vaccine	93.7
MMR Vaccine - 1 <sup>st</sup> dose	96.0
MMR (or measles) Vaccine - 2 <sup>nd</sup> dose	93.0
Varicella Vaccine - 2 doses	97.1
Hepatitis B Vaccine	99.1
Hepatitis A Vaccine	96.8

\* Requirements for kindergarten students: five doses of DTP/DTaP vaccine including one received on or after 4<sup>th</sup> birthday (four doses are acceptable if the 4<sup>th</sup> dose was received on or after the 4<sup>th</sup> birthday); four doses poliovirus vaccine including one received on or after 4<sup>th</sup> birthday (three doses are acceptable if the 3<sup>rd</sup> dose was received on or after the 4<sup>th</sup> birthday, or any combination of four doses of OPV and IPV received before four years of age is acceptable); one dose MMR vaccine received on or after 1<sup>st</sup> birthday and one additional dose of measles vaccine or 2<sup>nd</sup> MMR vaccine; two doses of varicella vaccine or history of disease; three doses of hepatitis B vaccine; and 2 doses of hepatitis A vaccine including one received on or after the 1<sup>st</sup> birthday.

\*\* Includes students with a medical or conscientious exemption.

## **Kindergarten Students in Private Schools**

The purpose of the 2016 Texas School Immunization Validation Survey was to assess the number of kindergarten students that were appropriately vaccinated in accordance with Texas school entry immunization requirements (Title 25 Health Services, Chapter 97, Texas Administrative Code §97.63). The Texas Private School Accreditation Commission reported that there were approximately 15,486 kindergarten students enrolled at approximately 880 Texas private schools during the 2016 – 2017 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 45 schools with kindergarten students. A random sample of 24 immunization records of kindergarten students was selected from each school.

The following table presents Texas statewide vaccination compliance rates for kindergarten students attending private school in Texas.

### **Vaccination Compliance Rates of Texas Private School Kindergarten Students**

<b>Vaccine Requirement*</b>	<b>Percent of KG Students Compliant**</b>
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, DT)	83.5
Polio Vaccine	81.2
MMR Vaccine – 1 <sup>st</sup> dose	97.6
MMR (or measles) Vaccine – 2 <sup>nd</sup> dose	85.8
Varicella Vaccine – 2 doses	83.7
Hepatitis B Vaccine	93.4
Hepatitis A Vaccine	91.2

\* Requirements for kindergarten students: five doses of DTP/DTaP vaccine including one received on or after 4<sup>th</sup> birthday (four doses are acceptable if the 4<sup>th</sup> dose was received on or after the 4<sup>th</sup> birthday); four doses poliovirus vaccine including one received on or after 4<sup>th</sup> birthday (three doses are acceptable if the 3<sup>rd</sup> dose was received on or after the 4<sup>th</sup> birthday, or any combination of four doses of OPV and IPV received before four years of age is acceptable); one dose MMR vaccine received on or after 1<sup>st</sup> birthday and one additional dose of measles vaccine or 2<sup>nd</sup> MMR vaccine; two doses of varicella vaccine or history of disease; three doses of hepatitis B vaccine; and 2 doses of hepatitis A vaccine including one received on or after the 1<sup>st</sup> birthday.

\*\* Includes students with a medical or conscientious exemption.



## **Seventh Grade Students in Public Schools**

The purpose of the 2016 Texas School Immunization Validation Survey was to assess the number of 7<sup>th</sup> grade students that were appropriately vaccinated in accordance with Texas school entry immunization requirements (Title 25 Health Services, Chapter 97, Texas Administrative Code §97.63). The Texas Education Agency reported that there were approximately 389,245 7<sup>th</sup> grade students enrolled at approximately 2,300 Texas public schools (excluding most alternative education programs) during the 2016 – 2017 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 45 schools with 7<sup>th</sup> grade students. A random sample of 100 immunization records of 7<sup>th</sup> grade students was selected from each school.

Vaccination compliance rates for 7<sup>th</sup> grade students were high for all vaccine requirements. The following table presents Texas statewide vaccination compliance rates for 7<sup>th</sup> grade students attending public school in Texas.

**Vaccination Compliance Rates of  
Texas Public School 7<sup>th</sup> Grade Students**

<b>Vaccine Requirement*</b>	<b>Percent of 7<sup>th</sup> Grade Students Compliant**</b>
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, Tdap, or Td)	99.4
Polio Vaccine (OPV or IPV)	94.3
Measles, Mumps, Rubella (MMR) Vaccine – 2 doses	98.0
Varicella Vaccine – 2 doses	97.4
Hepatitis B Vaccine	98.9
Meningococcal Vaccine	97.9
Hepatitis A	97.6

\* Requirements for 7<sup>th</sup> grade students: three doses of DTP/DTaP vaccine including one received on or after 4<sup>th</sup> birthday and 1 Tdap/Td booster within last 5 years; four doses of poliovirus vaccine including one received on or after 4<sup>th</sup> birthday (three doses are acceptable if the 3<sup>rd</sup> dose was received on or after the 4<sup>th</sup> birthday); two doses of measles-containing vaccine, and one dose each of rubella and mumps vaccine; two doses of varicella vaccine or history of disease; three doses hepatitis B vaccine; one dose of meningococcal vaccine; two doses of hepatitis A vaccine including one dose received on or after the 1<sup>st</sup> birthday.

\*\* Includes students with up to date vaccinations or a medical or conscientious exemption.



## **Seventh Grade Students in Private Schools**

The purpose of the 2016 Texas School Immunization Validation Survey was to assess the number of 7<sup>th</sup> grade students that were appropriately vaccinated in accordance with Texas school entry immunization requirements (Title 25 Health Services, Chapter 97, Texas Administrative Code §97.63). The Texas Private School Accreditation Commission reported that there were approximately 13,663 7<sup>th</sup> grade students enrolled at approximately 640 Texas private schools (excluding most alternative education programs) during the 2016 – 2017 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 45 schools with 7<sup>th</sup> grade students. A random sample of 24 immunization records of 7<sup>th</sup> grade students was selected from each school.

Vaccination compliance rates for 7<sup>th</sup> grade students were high for all vaccine requirements. The following table presents Texas statewide vaccination compliance rates for 7<sup>th</sup> grade students attending private school in Texas.

**Vaccination Compliance Rates of  
Texas Private School 7<sup>th</sup> Grade Students**

<b>Vaccine Requirement*</b>	<b>Percent of 7<sup>th</sup> Grade Students Compliant**</b>
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, Tdap, or Td)	99.6
Polio Vaccine (OPV or IPV)	95.9
Measles, Mumps, Rubella (MMR) Vaccine – 2 doses	97.6
Varicella Vaccine – 2 doses	96.4
Hepatitis B Vaccine	97.6
Meningococcal Vaccine	91.2
Hepatitis A	92.7

\* Requirements for 7<sup>th</sup> grade students: three doses of DTP/DTaP vaccine including one received on or after 4<sup>th</sup> birthday and 1 Tdap/Td booster within last 5 years; four doses of poliovirus vaccine including one received on or after 4<sup>th</sup> birthday (three doses are acceptable if the 3<sup>rd</sup> dose was received on or after the 4<sup>th</sup> birthday); two doses of measles-containing vaccine, and one dose each of rubella and mumps vaccine; two doses of varicella vaccine or history of disease; three doses hepatitis B vaccine; one dose of meningococcal vaccine; two doses of hepatitis A vaccine including one dose received on or after the 1<sup>st</sup> birthday.

\*\* Includes students with up to date vaccinations or a medical or conscientious exemption.