



2010 Texas School Immunization Validation Survey Results Vaccination Compliance Rates of Kindergarten and Seventh Grade Students Attending Public Schools in Texas

Kindergarten Students in Public Schools

The purpose of the 2010 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 374,178 kindergarten students enrolled at approximately 4,500 Texas public school campuses during the 2010 – 2011 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. Forty-Two of the selected Texas public schools with kindergarten students participated in the 2010 Texas School Immunization Validation Survey. From these 42 Texas public schools, immunization records were received for 3,643 kindergarten students enrolled during the 2010 - 2011 school year.

Vaccination compliance rates for kindergarten students were high for all vaccine requirements. Compliance rates were highest for the 1st dose of MMR (measles, mumps, rubella) vaccine and lowest for hepatitis A vaccine. 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*	% of KG Students Compliant**
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, DT)	96.2
Polio Vaccine (OPV or IPV)	94.9
MMR Vaccine – 1 st dose	99.8
MMR (or measles) Vaccine – 2 nd dose	97.5
Varicella Vaccine	96.0
Hepatitis B Vaccine	99.0
Hepatitis A Vaccine	94.2

*Requirements for kindergarten students: five doses of DTP/DTaP vaccine including one received on or after 4th birthday (four doses are acceptable if the 4th dose was received on or after the 4th birthday); four doses poliovirus vaccine including one received on or after 4th birthday (three doses are acceptable if the 3rd dose was received on or after the 4th 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 1st birthday and one additional dose of measles vaccine or 2nd 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 first birthday.

**Includes students with a medical or conscientious exemption.



Seventh Grade Students in Public Schools

The purpose of the 2010 Texas School Immunization Validation Survey was to assess the number of 7th 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 357,344 7th grade students enrolled at approximately 1,600 Texas public school campuses (excluding most alternative education programs) during the 2010 – 2011 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 45 schools with 7th grade students. A random sample of 100 immunization records of 7th grade students was selected from each school. Forty-Three of the selected Texas public schools with 7th grade students participated in the 2010 Texas School Immunization Validation Survey. From these 43 Texas public schools, immunization records were received for 4,184 7th grade students enrolled during the 2010 - 2011 school year.

Vaccination compliance rates for 7th grade students were high for all vaccine requirements. Compliance rates were highest for diphtheria, tetanus, pertussis vaccine and lowest for varicella. The following table presents Texas statewide vaccination compliance rates for 7th grade students attending public school in Texas.

Vaccination Compliance Rates of Texas Public School 7th Grade Students

Vaccine Requirement*	% of 7th Grade Students Compliant**
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, TDaP, or Td)	99.9
Polio Vaccine (OPV or IPV)	96.7
Measles, Mumps, Rubella (MMR) Vaccine – 2 doses	97.3
Varicella Vaccine- 2 doses	91.7
Hepatitis B Vaccine	99.1
Meningococcal Vaccine	94.6

*Requirements for children 7 years of age and older: three doses of DTP/DTaP/Td vaccine including one received on or after 4th birthday; three doses polio vaccine including one received on or after 4th birthday; one dose MMR vaccine received on or after 1st birthday; and one additional dose of measles vaccine or 2nd MMR vaccine; two doses of varicella vaccine or history of disease; three doses hepatitis B vaccine; and one dose of meningococcal vaccine.

**Includes students with a medical or conscientious exemption.