



## 2009 Texas School Immunization Validation Survey Results Vaccination Compliance Coverage Levels of Kindergarten Students Attending Public Schools in Texas

The purpose of the 2009 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 369,425 kindergarten students enrolled at approximately 4,500 Texas public schools during the 2009 – 2010 school year.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 80 schools with kindergarten students. A random sample of twenty-five immunization records of kindergarten students was selected from each school. Seventy-eight of the selected Texas public schools with kindergarten students participated in the 2009 Texas School Immunization Validation Survey. From these 78 Texas public schools, immunization records were received for 1,867 kindergarten students enrolled during the 2009 - 2010 school year.

Vaccination coverage levels for kindergarten students were high for all vaccine requirements. Coverage levels were highest for the 1<sup>st</sup> dose of MMR (measles, mumps, rubella) vaccine and lowest for hepatitis A vaccine. The following table presents Texas statewide vaccination compliance coverage levels for kindergarten students attending public school in Texas.

**Vaccination Compliance Coverage Levels of Texas Public School Kindergarten Students**

Vaccine Requirement*	% of KG Students Vaccinated**
Diphtheria, Tetanus, Pertussis Vaccine (DTP, DTaP, DT)	96.16
Polio Vaccine (OPV or IPV)	95.90
MMR Vaccine – 1 <sup>st</sup> dose	99.99
MMR (or measles) Vaccine – 2 <sup>nd</sup> dose	97.84
Varicella Vaccine	95.42
Hepatitis B Vaccine	98.09
Hepatitis A Vaccine	94.78

\*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.

\*\*Includes students with a medical, religious, or conscientious exemption (n=3).