



Vaccination Coverage Levels of 2004 School Year Kindergarten Students at 24 Months of Age

Retrospective Measures from the Texas School Immunization Validation Survey

The purpose of the 2004 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 323,502 kindergarten students enrolled at 3,800 Texas public schools during the 2004 – 2005 school year. The Texas School Immunization Validation Survey also measures the vaccination coverage levels of the 2004 - 2005 kindergarten population when they were 24 months of age, about three years prior to the survey date.

For the Texas School Immunization Validation Survey, a cluster sampling method was used to select 70 schools with kindergarten students. A random sample of twenty-five immunization records of kindergarten students was selected from each school. Sixty-eight of the selected Texas public schools with kindergarten students participated in the 2004 Texas School Immunization Validation Survey. From these 68 Texas public schools, immunization records were received for 1,696 kindergarten students enrolled during the 2004 - 2005 school year.

Vaccination coverage levels for kindergarten students when they were 24 months of age were highest for the 1st dose of measles, mumps, and rubella vaccine (MMR) and lowest for the 4th dose of diphtheria, tetanus, pertussis vaccine (DTaP/DTP). Vaccination coverage with three doses of *Haemophilus influenzae* type b vaccine is unusually low, and may be due to incomplete school immunization records for this vaccine since it is not required at kindergarten entry. The following table presents Texas statewide vaccination coverage levels retrospectively measured at 24 months of age from the Texas School Immunization Validation Survey.

Vaccination Coverage Levels of Texas Public School Kindergarten Students at 24 Months of Age

Vaccine	% Vaccinated by 24 Months of Age
4 doses Diphtheria, Tetanus, Pertussis Vaccine (DTaP/DTP/DT)	70.4
3 doses Polio Virus Vaccine (OPV or IPV)	84.6
1 dose Measles, Mumps, Rubella Vaccine	86.9
3 doses Hepatitis B Vaccine	86.6
3 doses Hib Vaccine*	78.4
1 dose Varicella Vaccine	75.4
4:3:1 Series**	65.9

**Haemophilus influenzae* type b vaccine

**4 doses of diphtheria, tetanus, pertussis vaccine; 3 doses of polio virus vaccine; 1 dose of measles, mumps, rubella vaccine