

2009 Expanded Kindergarten Retrospective Survey Results

The Expanded Kindergarten Retrospective Survey is one of the only sources of information on childhood immunization coverage at the local level. A number of local health departments conducted this survey in 2009.

The Immunization Branch worked with local health departments to select a sample of kindergarten schools to be surveyed. Local health department staff visited these schools and collected copies of kindergarten student immunization records for review.

Birth dates and immunization dates were used to retrospectively estimate immunization coverage rates at 24 months of age among these kindergarten students. The immunization coverage rates in the selected counties are shown in the Table. For more information, please contact the appropriate local health department.

Table: Estimated Immunization Coverage at 24 Months of Age Among Kindergarten Students in Selected California Counties, 2009*

County	Sample Size (n)	4:3:1 ¹	4:3:1:-:3 ²	4:3:1:-:3:1 ³
Alameda	913	68.0±3.03%	n/a	n/a
Contra Costa	773	81.0±2.77%	77.0±2.97%	74.0±3.09%
Fresno	2,976	73.7±1.8%	72.1±1.8%	69.3±1.9%
Marin	1,483	77.8±2.11%	68.9±2.35%	68.9±2.35%
San Diego	3,061	78.0±1.47%	76.0±1.51%	72.0±1.59%
Stanislaus	626	71.6±5.2%	69.8±6.2%	66.3±5.2%

1. Four or more doses of DTaP, three or more doses of Polio, and one or more doses of MMR

2. Four or more doses of DTaP, three or more doses of Polio, one or more doses of MMR, and three or more doses of Hep B

3. Four or more doses of DTaP, three or more doses of Polio, one or more doses of MMR, three or more doses of Hep B, and one or more doses of varicella

* Confidence intervals for Alameda, Contra Costa, Marin, and San Diego calculated via http://www.dimensionresearch.com/resources/calculators/conf_prop.html

Source: 2009 Expanded Kindergarten Retrospective Surveys

Prepared by the California Department of Public Health, Immunization Branch