

2008 Immunization Up-To-Date Rates for Two Year Olds by Data Source

	Oregon Population Based Rates ^{a,d}		National Immunization Survey ^{b,e}				Healthy People 2010 Objective ^{c,e}
	Oregon		Oregon		United States		
	UTD Rate %	95% CI	UTD Rate %	95% CI	UTD Rate %	95% CI	
4+ DTaP	80.9	(80.5 - 81.3)	79.7	(73.2 - 86.2)	84.6	(83.6 - 85.6)	90.0%
3+ Polio	90.0	(89.7 - 90.3)	94.8	(91.6 - 98.0)	93.6	(93.0 - 94.2)	90.0%
1+ MMR	90.8	(90.5 - 91.1)	92.0	(88.2 - 95.8)	92.1	(91.4 - 92.8)	90.0%
3+ Hib	92.0	(91.7 - 92.3)	87.2	(81.3 - 93.1)	90.9	(90.2 - 91.6)	90.0%
3+ HepB ^f	90.8	(90.5 - 91.1)	92.6	(88.9 - 96.3)	93.5	(92.8 - 91.4)	90.0%
1+ Varicella	89.4	(89.1 - 89.7)	90.4	(86.4 - 94.4)	90.7	(90.0 - 91.4)	90.0%
4:3:1:3:3:1 ^g	73.8	(73.4 - 74.2)	71.0	(63.6 - 78.4)	76.1	(75.0 - 77.2)	N/A

- Notes: (a) Source: ALERT Immunization Information System (IIS), Oregon Immunization Program, DHS
 (b) Source: National Immunization Survey, National Center for Health Statistics, CDC
 (c) Source: Healthy People 2010, US DHHS
 (d) Rate includes all ACIP spacing requirements. Refers to the coverage among 24 to 35 month olds.
 (e) Refers to the coverage among 19 to 35 month olds.
 (f) Completion of the Hib two dose Merck vaccine is considered UTD.
 (g) The 4:3:1:3:3:1 series includes 4 or more doses of DTaP, 3 or more doses of Polio, 1 or more doses of MMR, 3 or more doses of Hib (or the two dose Merck series), 3 or more doses of HepB, and 1 or more doses of Varicella.

National Immunization Survey (NIS)

The NIS is a national telephone survey of families of young children (19 through 35 months of age) and their healthcare providers, which collects immunization data to estimate nationwide coverage rates. The NIS surveys approximately 200-400 families in each state, which allows for comparisons between states and trends over time. However, this small sample size does not allow for reliable estimates of sub-populations (i.e., Counties) in Oregon. For more information about the NIS, please visit: <http://www.cdc.gov/vaccines/stats-surv/imz-coverage.htm#nis>

Oregon Population-Based Rates (PBR)

PBR measure immunization coverage rates among 24 through 35 month old children in Oregon. Unlike the survey method employed by the NIS, PBR estimates are based on the entire population of two year olds and use shot history data from the ALERT Immunization Information System (ALERT). Over 85% of immunization providers in Oregon report data to ALERT making it a great starting point for assessment. Statistical adjustments are made to account for incomplete provider reporting and child mobility in, out, and around Oregon. Compared to the NIS, PBR estimates are based on a larger sample size (approximately 45,000 two year olds), allowing more precise rates.