

4:3:1:3:3:1 Up-To-Date Rates¹ by Immunization Series for Oregon Two-Year Olds² by County, 2004-2008

County	2004		2005		2006		2007		2008	
	UTD Rate ¹	95% CI (+/-)	UTD Rate ¹	95% CI (+/-)	UTD Rate ¹	95% CI (+/-)	UTD Rate ¹	95% CI (+/-)	UTD Rate ¹	95% CI (+/-)
BAKER	71.1%	6.4%	85.3%	6.4%	68.7%	7.5%	87.5%	5.3%	81.7%	6.0%
BENTON	73.2%	3.0%	75.3%	3.2%	66.8%	3.5%	68.8%	3.4%	64.7%	3.6%
CLACKAMAS	70.7%	1.3%	73.4%	1.4%	70.2%	1.4%	73.5%	1.4%	74.3%	1.2%
CLATSOP	68.4%	4.3%	62.5%	5.1%	68.4%	4.5%	68.2%	4.5%	74.1%	4.0%
COLUMBIA	71.7%	3.6%	70.7%	4.0%	69.2%	4.1%	76.5%	3.9%	76.8%	3.7%
COOS	65.9%	3.6%	73.0%	3.7%	73.7%	3.7%	72.3%	3.6%	75.1%	3.5%
CROOK	51.0%	6.1%	55.2%	6.3%	54.1%	5.5%	66.2%	6.3%	76.4%	5.9%
CURRY	63.9%	7.3%	70.5%	8.1%	67.5%	8.6%	65.0%	8.5%	68.7%	8.0%
DESCHUTES	54.4%	2.3%	51.0%	2.5%	50.6%	2.8%	78.0%	1.9%	74.0%	1.9%
DOUGLAS	64.8%	2.8%	75.3%	2.6%	72.5%	2.6%	64.8%	3.0%	67.0%	2.9%
GRANT ⁴	59.2%	11.9%	N/A	N/A	67.5%	11.7%	N/A	N/A	78.6%	9.0%
HARNEY	73.5%	10.2%	75.0%	11.9%	75.4%	10.3%	75.9%	10.0%	68.0%	9.7%
HOOD RIVER	72.5%	4.8%	71.8%	5.5%	71.7%	5.3%	81.8%	4.5%	79.0%	5.3%
JACKSON	64.9%	1.9%	70.8%	2.0%	72.0%	1.9%	74.0%	1.8%	73.8%	1.8%
JEFFERSON	73.3%	5.0%	74.5%	5.0%	72.9%	5.1%	80.8%	4.1%	78.8%	4.2%
JOSEPHINE	70.2%	3.3%	77.4%	3.0%	69.5%	3.1%	77.6%	3.0%	77.1%	3.0%
KLAMATH	69.8%	3.1%	75.5%	3.0%	76.5%	3.1%	80.5%	2.8%	76.9%	2.9%
LAKE	79.9%	8.7%	74.1%	11.0%	74.0%	12.6%	85.4%	8.4%	79.9%	9.5%
LANE	74.3%	1.4%	72.1%	1.5%	69.1%	1.6%	66.9%	1.6%	70.2%	1.5%
LINCOLN	70.6%	4.1%	77.1%	4.4%	69.3%	4.6%	75.4%	4.1%	76.0%	4.1%
LINN	68.2%	2.4%	68.2%	2.4%	64.8%	2.4%	68.6%	2.5%	64.7%	2.3%
MALHEUR	60.7%	4.6%	72.0%	4.5%	77.0%	4.2%	76.4%	3.9%	69.7%	4.6%
MARION	66.4%	1.4%	69.7%	1.4%	67.1%	1.4%	75.0%	1.3%	73.1%	1.3%
MORROW	62.9%	7.0%	74.8%	6.9%	77.3%	6.0%	73.9%	7.1%	76.6%	7.0%
MULTNOMAH	72.7%	1.0%	74.1%	1.0%	72.3%	1.0%	75.6%	0.9%	79.2%	1.0%
POLK	68.4%	3.1%	72.1%	3.1%	65.5%	3.0%	72.8%	2.8%	70.6%	2.8%
TILLAMOOK	71.1%	5.7%	76.8%	5.3%	81.1%	5.1%	80.4%	4.9%	83.4%	4.6%
UMATILLA	59.5%	3.2%	68.2%	3.0%	72.5%	2.8%	78.1%	2.6%	74.9%	2.5%
UNION	56.3%	5.9%	60.7%	5.6%	51.4%	6.9%	54.9%	5.6%	64.0%	5.2%
WALLOWA ⁴	68.6%	11.7%	77.0%	11.8%	N/A	N/A	71.8%	10.8%	77.8%	10.9%
Wasco-Sherman-Gilliam ⁵	55.8%	5.4%	66.9%	5.8%	81.4%	4.8%	75.6%	5.0%	78.5%	4.6%
WASHINGTON	73.8%	1.0%	75.7%	0.9%	75.5%	1.0%	75.4%	1.0%	74.2%	1.0%
WHEELER ⁴	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YAMHILL	67.6%	2.7%	69.7%	2.6%	74.2%	2.6%	73.5%	2.6%	68.8%	2.6%
State Total	69.4%	0.4%	71.8%	0.4%	71.0%	0.4%	74.1%	0.4%	73.8%	0.4%

Source: ALERT Immunization Information System (IIS), Oregon Immunization Program, DHS

- Notes: (1) Up-To-Date (UTD) rate is the percent of two year olds who completed all doses in the corresponding series. Valid doses meet ACIP recommended early childhood immunization spacing and age requirements for all years except 2004 and 2005.
 (2) Two year olds are defined as children 24 to 35 months of age.
 (3) The 4:3:1:3:3:1 series includes four doses of DTaP, three doses of IPV, one dose of MMR, three doses of Hib (or the two dose Merck series), three doses of HepB, and one dose of Varicella vaccine.
 (4) Rates for counties with populations smaller than 50 are not displayed to preserve confidentiality.
 (5) 2004 through 2007 rates are for Wasco and Sherman counties. 2008 rate includes Gilliam County.

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