

# Malheur County: Immunization Rates for Two Year Olds

	2018	2019	2020	2021	2022
Two-Year-Olds <sup>a</sup> Up-to-Date Rate					
4:3:1:3:3:1:4 <sup>b</sup>	70%	72%	76%	72%	73%
4 doses DTaP	77%	82%	82%	79%	80%
3 doses IPV	88%	89%	92%	91%	90%
1 dose MMR	88%	91%	90%	89%	86%
3 doses Hib	86%	88%	91%	88%	86%
3 doses HepB	90%	90%	92%	91%	88%
1 dose Varicella	88%	90%	89%	87%	86%
4 doses PCV	76%	77%	81%	76%	77%
1 dose HepA	88%	90%	90%	88%	86%
2-3 doses Rotavirus	69%	71%	79%	73%	79%
1 dose Flu (in most recent season)	48%	47%	50%	49%	40%
COVID (1+ dose in lifetime)	NA	NA	NA	NA	≤ 10%
4:3:1:3:3:1:4 <sup>b</sup> rates by VFC status <sup>c</sup>					
One or more VFC vaccines <sup>c</sup>	72%	73%	77%	74%	75%
No VFC vaccines <sup>c</sup>	59%	67% <sup>#</sup>	74%	62%	68%
4:3:1:3:3:1:4 <sup>b</sup> rates by race/ethnicity <sup>d</sup>					
Hispanic <sup>d</sup>	80%	86%	79%	79%	88%
White <sup>d</sup>	72%	74%	77%	73%	77%
African American <sup>d</sup>	47% <sup>#</sup>	43% <sup>#</sup>	80% <sup>#</sup>	25% <sup>#</sup>	50% <sup>#</sup>
Asian <sup>d</sup>	90% <sup>#</sup>	*	*	*	*
American Indian and Alaskan Native <sup>d</sup>	≥ 95% <sup>#</sup>	71% <sup>#</sup>	*	75% <sup>#</sup>	*
Hawaiian/Pacific Islander <sup>d</sup>	*	*	~	*	~

Abbreviations: DTaP = diphtheria, tetanus and pertussis vaccine; IPV = inactivated poliovirus vaccine; MMR = measles, mumps and rubella vaccine; Hib = Haemophilus influenzae type b vaccine; HepB = hepatitis B vaccine; PCV = pneumococcal conjugate vaccine; HepA = hepatitis A vaccine; Flu = influenza virus vaccine; NA = Not applicable in that year.

Source: ALERT Immunization Information System, Oregon Immunization Program.

<sup>#</sup> Caution is advised when interpreting these values. The number of two year olds from this group in the ALERT IIS database is small (between 10 and 49 people), and rate estimates may be unstable from year to year.

\* Less than 10 two year olds from this group are in the ALERT IIS dataset. Rate not displayed in accordance with guidelines set forth by the Oregon Immunization Program Data Governance Council.

~ Indicates there were no two year olds meeting this group definition in the ALERT IIS dataset.

<sup>a</sup> Two year olds are children whose second birthday occurred during the reporting year and who reside in the county. Vaccination status was evaluated as of December 31st of the reporting year.

<sup>b</sup> Fully immunized with 4 doses of DTaP, 3 doses IPV, 1 dose MMR, 3 doses Hib, 3 doses HepB, 1 dose Varicella, and 4 doses PCV; this is the official childhood vaccination series.

<sup>c</sup> VFC status reflects children receiving at least one vaccine under the Vaccines for Children program. The program covers the cost of vaccine and to be eligible, one of the following criteria must be met: (1) enrolled in Medicaid/Oregon Health Plan, (2) uninsured, (3) underinsured, (4) American Indian/Alaska Native. This measure may serve as an estimate of vaccination rates for those receiving supplemental assistance.

<sup>d</sup> Race and ethnicity categories are not mutually exclusive. One individual may contribute to one or more categories.