

## Apple Health COVID-19 Vaccination Rates

### Data background

#### Sources

Health Care Authority (HCA) ProviderOne/ODS claims and the Washington State Department of Health (DOH) Immunization Information System.

#### Methodology

Washington Immunization Information System data was matched to Apple Health (Medicaid) client eligibility files. For ProviderOne/ODS Apple Health data, COVID-19 vaccinations were identified through medical or pharmacy claims. Dashboard is updated monthly.

#### Data limitations

Data may be incomplete due to data lags from claims and unmatched records within DOH submissions, missing/HCA-rejected encounters from Apple Health Managed Care Organizations (MCO), or if an individual was vaccinated in a different state, a federally sponsored location (including Federal Bureau of Prisons) or a Tribally sponsored location.

### Preliminary data findings

#### Overall rates

01/01/21 to 05/16/22 (ages 5 and older). Data pulled 05/16/22.

All eligible recipients	Count	Percentage
Fully vaccinated	910,172	42.5%
Received at least one dose	987,334	46.1%

#### Vaccination rates by age group.

01/01/21 to 05/16/22 (ages 5 and older). Data pulled 05/16/22.

Age group	Apple Health*					WA general population**	
	Fully Vaccinated	At least one dose	Covered Lives	% Fully Vaccinated	% At least one dose	% Fully Vaccinated	% At least one dose
5-11	71,087	79,258	425,992	16.7%	18.6%	32.4%	36.6%
12-15	86,029	98,043	267,577	32.2%	36.6%	54.6%	59.4%
16-17	44,583	51,725	153,045	29.1%	33.8%	62.2%	67.7%
18-34	275,354	310,291	672,117	41.0%	46.2%	69.4%	78.9%
35-49	166,355	184,689	391,949	42.4%	47.1%	78.6%	86.1%
50-64	172,587	188,387	323,304	53.4%	58.3%	78.1%	84.3%
65+	109,735	110,526	170,721	64.3%	64.7%	90.4%	97.0%

\*Apple Health numbers for all age groups reflect a data lag, including the 5-11 age group. Data updated monthly.

\*\*WA general population data pulled from DOH 05/17/22 ([doh.wa.gov/Emergencies/COVID19/DataDashboard#dashboard](https://doh.wa.gov/Emergencies/COVID19/DataDashboard#dashboard)).

## Race

01/01/21 to 05/16/22 (ages 5 and older). Data pulled 05/16/22.

Race	Fully vaccinated	At least one dose	Covered Lives	% Fully vaccinated	% At least one dose
American Indian/Alaska Native	40,115	42,956	100,186	40.0%	42.9%
Asian	74,729	81,217	114,885	65.1%	70.7%
Black	70,360	78,072	170,160	41.4%	45.9%
Multi-Racial	12,257	14,456	50,796	24.1%	28.5%
Native Hawaiian/Pacific Islander	33,756	37,671	78,421	43.0%	48.0%
None	178	182	3,137	5.7%	5.8%
Not Provided	56,867	62,166	148,939	38.2%	41.7%
Other	125,601	137,915	303,724	41.4%	45.4%
White	502,373	553,938	1,288,369	39.0%	43.0%

\*The rates for those who identify as American Indian/Alaska Native (AI/AN) may not reflect actual rate, since DOH data does not include information from the federal registry data system.

## Ethnicity

01/01/21 to 05/16/22 (ages 5 and older). Data pulled 05/16/22.

Ethnicity	Fully vaccinated	At least one dose	Covered Lives	% Fully vaccinated	% At least one dose
Hispanic	190,163	208,696	470,748	40.4%	44.3%
Non-Hispanic	603,786	664,599	1,451,333	41.6%	45.8%
None	120,951	132,852	292,910	41.3%	45.4%

## Managed Care Organizations (MCOs)

01/01/21 to 05/16/22 (ages 18 and older). Data pulled 05/16/22.

Managed Care Organizations (MCOs)*						WA General Population**	
Age group	Fully Vaccinated	At least one dose	Covered Lives	% Fully Vaccinated	% At least one dose	% Fully Vaccinated	% At least one dose
18-34	248,957	283,750	620,313	40.1%	45.7%	69.4%	78.9%
35-49	141,209	159,430	344,081	41.0%	46.3%	78.6%	86.1%
50-64	131,655	147,466	259,024	50.8%	56.9%	78.1%	84.3%
<b>Total</b>	521,821	590,646	1,223,418	42.7%	48.3%		

\*MCO numbers for all age groups reflect a data lag. Data updated monthly.

\*\*WA general population data pulled from DOH 05/17/22 ([doh.wa.gov/Emergencies/COVID19/DataDashboard#dashboard](https://doh.wa.gov/Emergencies/COVID19/DataDashboard#dashboard)).

## Overall vaccination rates by county

01/01/21 to 05/16/22 (ages 5 and older). Data pulled 05/16/22.

- There is a wide variation in Medicaid vaccination rates across Washington's 39 counties.
- The highest is in King County 56.1% followed by Jefferson County 55.6%.
- Rates are generally lower in Eastern counties.
  - The lowest are in Pend Oreille 24.4% and Stevens 24.7%.

