



February 2025
DOH 348-1082

Washington State PrepMod Project Summary

January 2021-December 2024

Background

In fall 2020 the Office of Immunization within Washington State Department of Health (DOH) prepared for a mass vaccination effort after the roll-out of the first COVID-19 vaccines as part of COVID-19 Response. Federal COVID-19 response efforts encouraged mass vaccination. As a result, both traditional and non-traditional vaccine partners needed to have a tool to organize the scheduling and reporting of vaccinations. The Office of Immunization understood Washington needed a technical tool to help partners host large vaccination clinics.

What is PrepMod?

DOH chose the web-based software application, PrepMod. DOH supplied PrepMod free to support providers and Local Health Jurisdictions (LHJs) in creating vaccine clinics. PrepMod use also supported federal and Washington Immunization Information System (WAIS) reporting requirements. Partners could create vaccination clinics, schedule patients, and report events to the WAIS. PrepMod supported the administration of publicly provided vaccinations. It was very useful in events where many patients were vaccinated at the same time, often outside of the traditional health care setting.

PrepMod in Action

DOH created a WA State PrepMod Team to support project work. The team on-boarded and trained 74 private health organizations, LHJs and tribal health clinics. The team trained National Guard Service Members, a team from the Federal Emergency Management Agency (FEMA) and DOH staff to support vaccination events. DOH in partnership with the National Guard Service Members supported the four, state-supported mass vaccination sites in Vancouver, Wenatchee, Tri-Cities and Spokane. Support staff tracked vaccine data that was sent to WAIS to make sure it was complete. PrepMod was very useful in helping patients to quickly and easily find available vaccination clinic locations. PrepMod helped make it possible for providers to hold large vaccine events that would have otherwise been difficult to organize.

Expansion

In late 2021 the program expanded to include flu vaccinations. The program also partnered with mobile nursing teams. In August 2022 Washington State used PrepMod in response to the Mpox outbreak. In fall 2023 PrepMod partnered with the Childhood Vaccine Program (CVP) and Adult Vaccine Program (AVP). Since the beginning of the Care-A-Van project, PrepMod provided important organizational help for vaccination events at remote locations in our state, where vaccination clinics are not always accessible. The program administered over 1.2 million vaccinations during its operation. This was possible because of the partnership of the local health jurisdictions, Tribal governments and private health organizations.

System User Data



Almost 1.2 million
vaccinations administered.



736,175 unique
patients vaccinated.



23,920 clinic days held.



74 organizations
used PrepMod to send
vaccination data to the WAIS.



Including:
4 Tribal entities
21 Local Health Jurisdictions



5,440 unique user
accounts created.

Top 5 Vaccination Providers:

Provider	Number of doses
Snohomish County Health Department	175,664
Thurston County Public Health and Social Services	105,523
Benton – Franklin Health District	81,752
SOAS LLC	84,007
Discovery Health MD	70,164

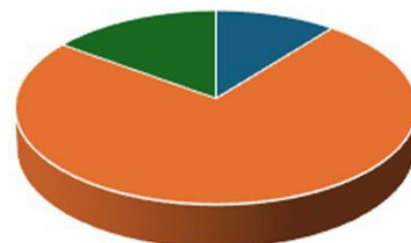
Care-A-Van administered almost 61 thousand COVID-19 vaccine doses.

- 75% of clinics were in areas with moderate to high a high Social Vulnerability Index (7+).
- Learn more about Care-A-Van [here](#).



Patient Ethnicity Demographics

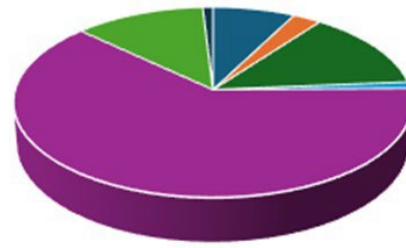
Patient ethnicity	Number of patients	Percentage of patients
Did not report	82,709	11%
Not Hispanic or Latino	577,304	74%
Hispanic or Latino	116,302	15%



- Did Not Report
- Not Hispanic or Latino
- Hispanic or Latino

Patient Race Demographics

Patient Race	Number of patients	Percentage of patients
Did not report	59,519	7%
Black or African American	20,571	3%
Other	106,089	13%
American Indian or Alaskan Native	8,813	1%
White	489,325	62%
Asian	94,835	12%
Native Hawaiian and Pacific Islander	7,359	1%



- Did Not Report
- Black or African American
- Other
- American Indian or Alaskan Native
- White
- Asian
- Native Hawaiian or other Pacific Islander

Top 10 Counties Where Vaccinated Patients Live



County (patient residence)	Number of patients	Percentage of total population
King	169,601	23%
Snohomish	98,740	13%
Thurston	64,297	9%
Pierce	52,713	7%
Benton	38,242	5%
Spokane	36,848	5%
Yakima	36,076	5%
Franklin	29,052	4%
Skagit	28,354	4%
Whatcom	24,719	3%



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