



MaryNell Holden, PTMS

Shaana Sweiven, BA

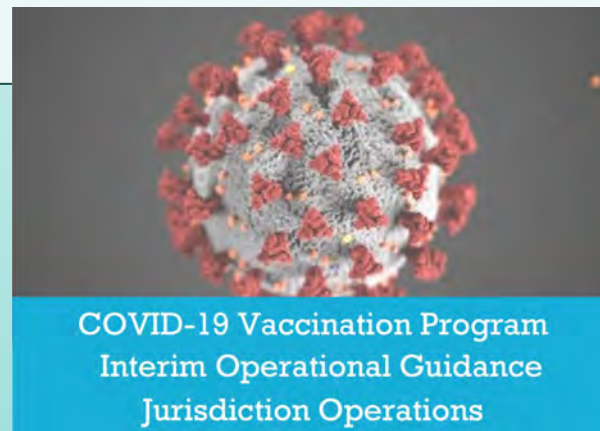
Scott Carlson, BA



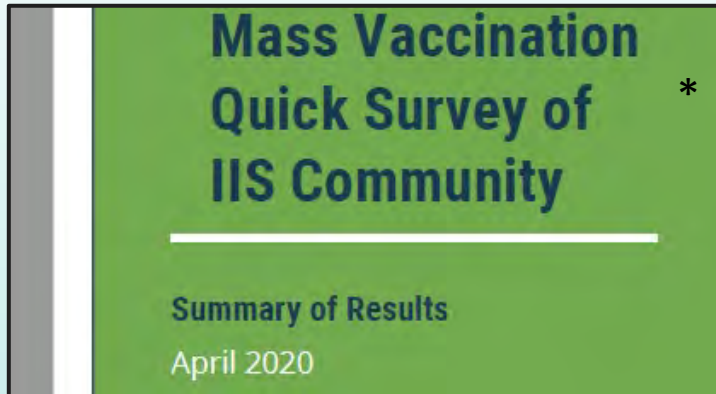
# Public Health Preparedness Planning

Significant additional planning is needed to operationalize a vaccination response to COVID-19, which is much larger in scope and complexity than seasonal influenza or other previous outbreak-related vaccination responses.

- Centers for Disease Control and Prevention  
October 29, 2020



# AIRA - Survey of IIS Community



**Over half of all respondents cited the following concerns:**

- Capturing data from non-traditional providers and points of service
- Training – time and costs
- Decreased data quality
- Identifying high risk and priority populations
- Ramp up of onboarding activities
- Expanding access to new users or clinics

American Immunization Registry  
Association, “Mass Vaccination  
Capabilities Summary” July 2020

[https://aira.memberclicks.net/assets/docs/Monthly\\_Update/Mass%20Vaccination%20Capabilities%20Summary.pdf](https://aira.memberclicks.net/assets/docs/Monthly_Update/Mass%20Vaccination%20Capabilities%20Summary.pdf)

# The United States' Mission

Vaccinate every medically eligible adult in the US within one year.

How would those on the ground

- Be visible to the public
- Schedule appointments
- Manage inventory
- Communicate with the Immunization Information Systems (IIS)

Enter:



# What Is PrepMod?

A cloud-based system offering portability, scheduling, point of service documentation, and inventory management in sync with the IIS.



# Washington State PrepMod Rollout

- Summer 2020 - Outreach & contract negotiations begin
- Oct 2020 - System procurement & configuration
- Nov /Dec 2020 - QA testing & staff and provider training
- Jan 2021 - Pilot testing , 1<sup>st</sup> successful PrepMod clinics
- Late Jan / Feb 2021 - State mass vaccination clinics begin



# Who Is The Intended User?







## Washington State Immunization Information System Quick Reference Guide



### PrepMod Use Case Scenarios

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#### Should My Agency Participate?

PrepMod is designed specifically for agencies and organizations that do not have an existing electronic health record (EHR) interface to the Washington State Immunization Information System (WAIS). An approved COVID provider agreement is required for PrepMod providers. If PrepMod meets your needs, on-boarding will need to take place before your agency can electronically share data. While you await on-boarding, you are required to submit [required COVID Vaccine data elements](#) to the WAIS manually. For more information on direct data entry, please view our [training materials portal](#). See the list of items below to determine if PrepMod is right for your agency.

# Priority Organizations

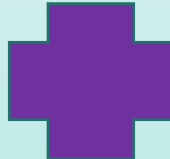
The Department of Health prioritizes agencies that meet the following criteria:

- Must have COVID enrollment application approved.
- Hosting mass vaccination events.
- Do not have an existing HL7 interface with WAHS.
- Mobile clinics.

# Who does PrepMod Serve?

## A closer look

- Small private practices
- Independently owned pharmacies
- Local health jurisdictions
- Community businesses
- Mobile units



Row Labels	Count of Vaccinated
Town Toyota Center	45,918
Mar	19,087
Apr	14,876
May	5,926
Jun	5,934
Jul	95
Grand Total	45,918

“I am a nurse anesthetist. I joined the vaccination efforts on a volunteer basis. A friend at the health department suggested I use PrepMod. The program was very easy to learn, has consistently worked, and the support has been helpful. PrepMod continues to afford me the time to volunteer.”

- Susan Taylor, CRNA

We are a neighborhood pharmacy. Many people in our community did not want to visit mass vaccination sites or national chain pharmacies. Some people in our community do not visit doctors very often. PrepMod has allowed us to offer ongoing Covid Vaccine clinics to our neighbors with easy scheduling, inventory management, and one-time documentation.

- Kris

# Non-Traditional Providers

## Mobile units

- Adult family homes

- Homebound

- Assisted living & long-term care centers

- Homeless camps

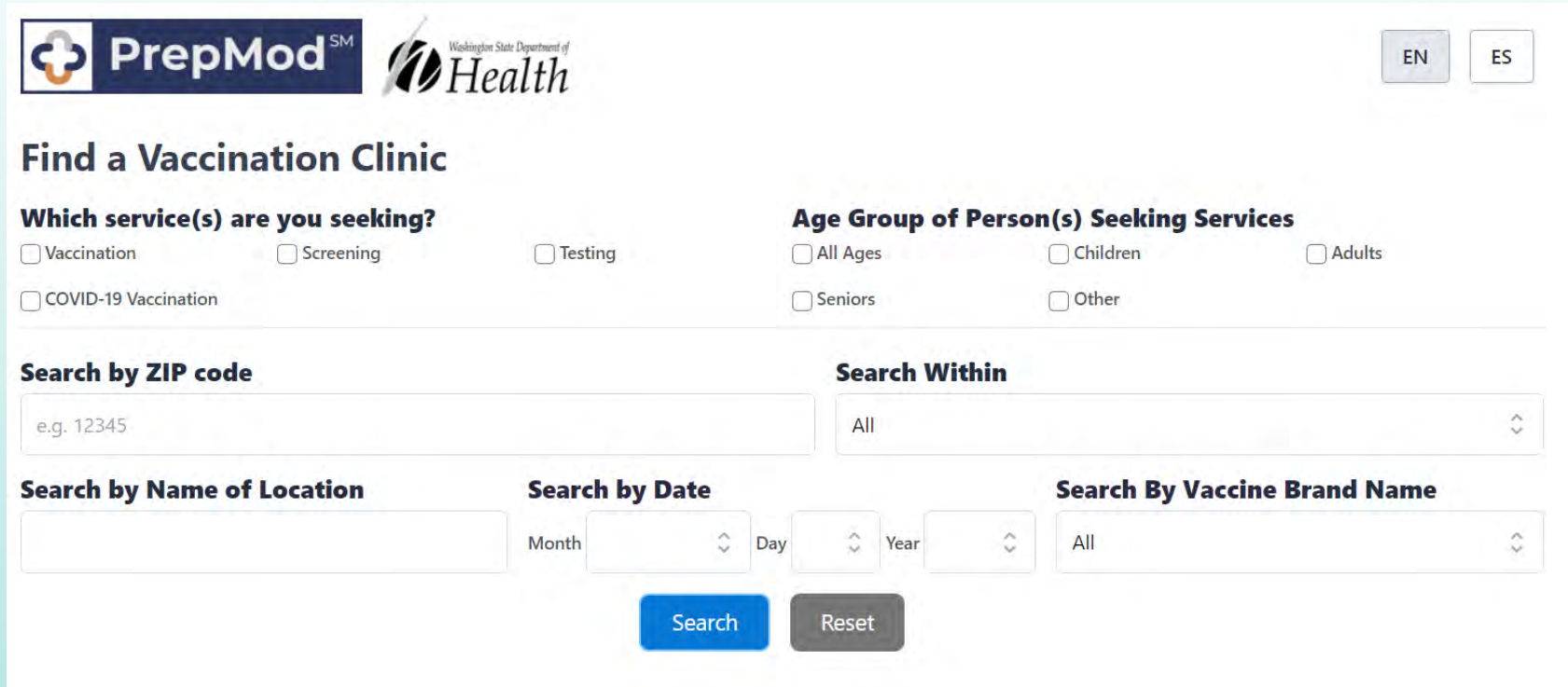
## National Guard & FEMA

- Mass vaccination clinics


- LHJ's and WA DOH

## Emergency response organizations

# How Do Patients Find a PrepMod Clinic?



The screenshot shows the 'Find a Vaccination Clinic' page on the PrepMod website. At the top, there are logos for PrepMod and the Washington State Department of Health, along with language selection buttons for EN and ES. The main heading is 'Find a Vaccination Clinic'. Below this, there are two sections: 'Which service(s) are you seeking?' and 'Age Group of Person(s) Seeking Services'. The first section has checkboxes for Vaccination, Screening, Testing, and COVID-19 Vaccination. The second section has checkboxes for All Ages, Children, Adults, Seniors, and Other. Below these are search filters: 'Search by ZIP code' with a text input field (example: e.g. 12345), 'Search Within' with a dropdown menu (example: All), 'Search by Name of Location' with a text input field, 'Search by Date' with dropdown menus for Month, Day, and Year, and 'Search By Vaccine Brand Name' with a dropdown menu (example: All). At the bottom, there are 'Search' and 'Reset' buttons.

**PrepMod** SM  Washington State Department of Health

EN ES

## Find a Vaccination Clinic

**Which service(s) are you seeking?**

☐ Vaccination ☐ Screening ☐ Testing ☐ COVID-19 Vaccination

**Age Group of Person(s) Seeking Services**

☐ All Ages ☐ Children ☐ Adults ☐ Seniors ☐ Other

**Search by ZIP code**

e.g. 12345

**Search Within**

All

**Search by Name of Location**

**Search by Date**

Month  Day  Year

**Search By Vaccine Brand Name**

All

**Search** **Reset**

[Find a Vaccination Clinic | Washington](#)



# What If The Organization Does Not Have a Website?

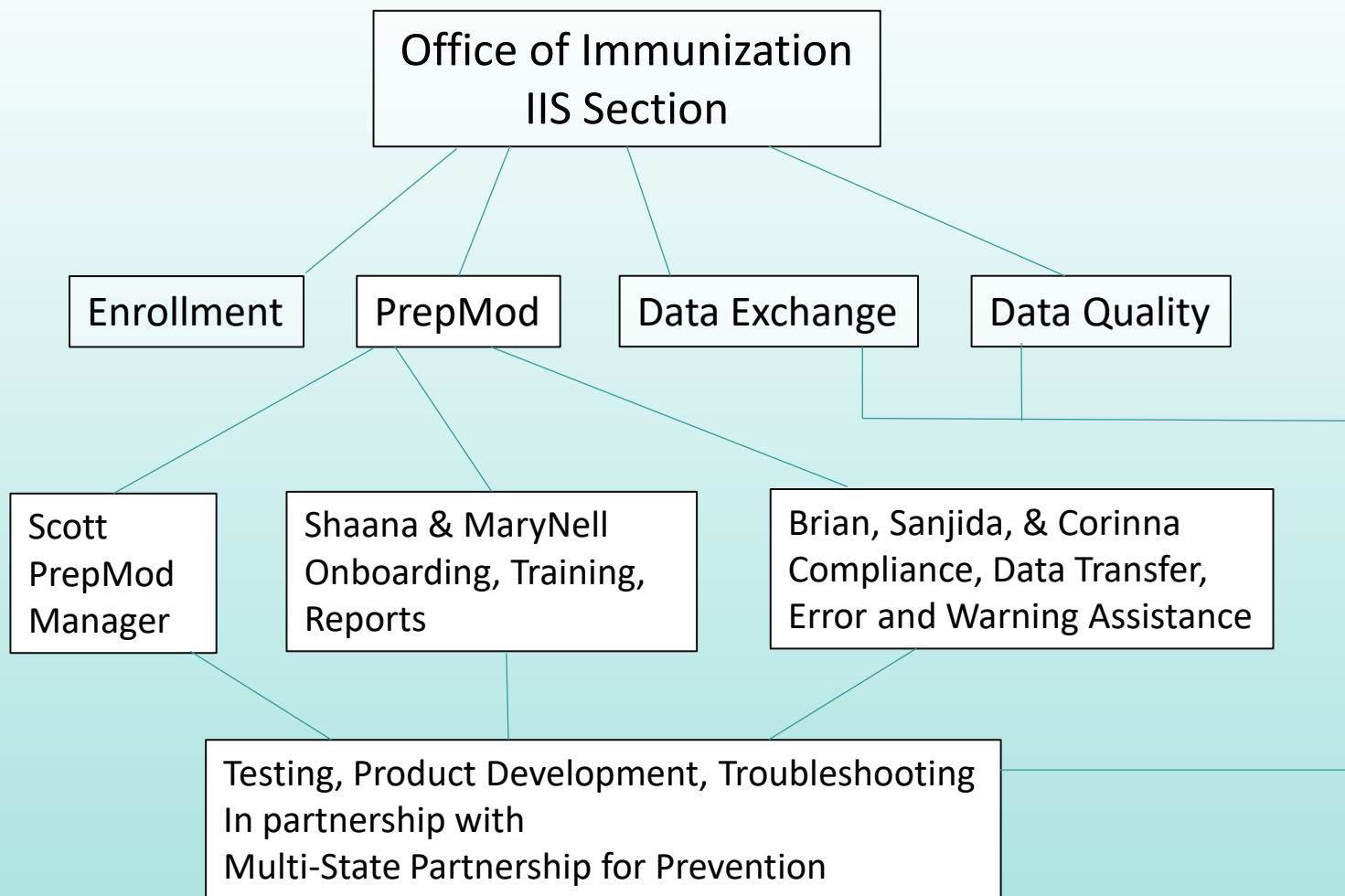


Application  
Programming  
Interface



[Vaccinate WA: Find COVID-19  
Vaccine Providers Near You](#)

# Who Is WA DOH - PrepMod



**[prepmod@doh.wa.gov](mailto:prepmod@doh.wa.gov)**

# PrepMod Support Team Roles

- PrepMod onboarding process
- PrepMod training needs and requirements
- Reporting and data quality

## How Has PrepMod Performed?

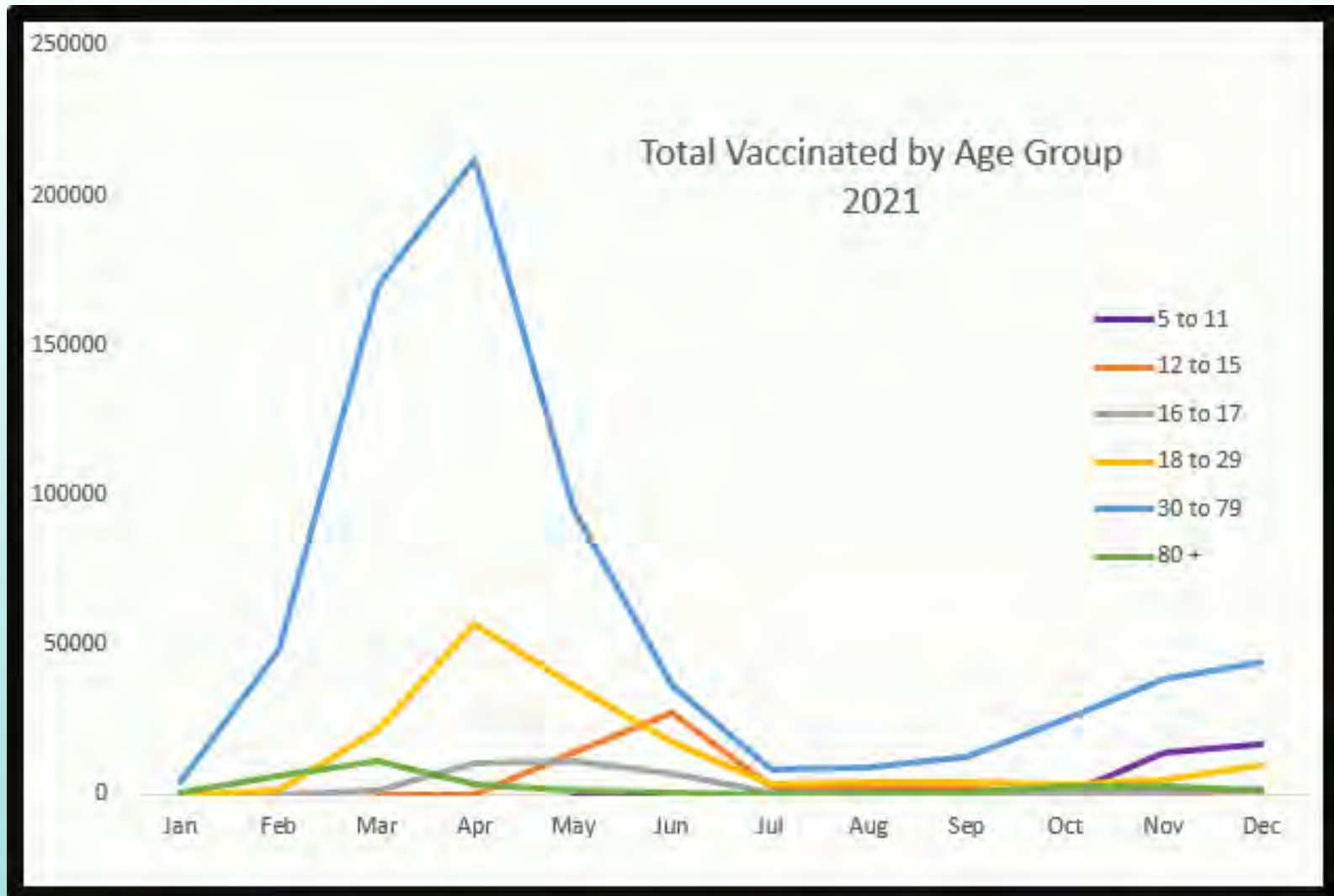


# Since The First PrepMod Clinic in January 2021

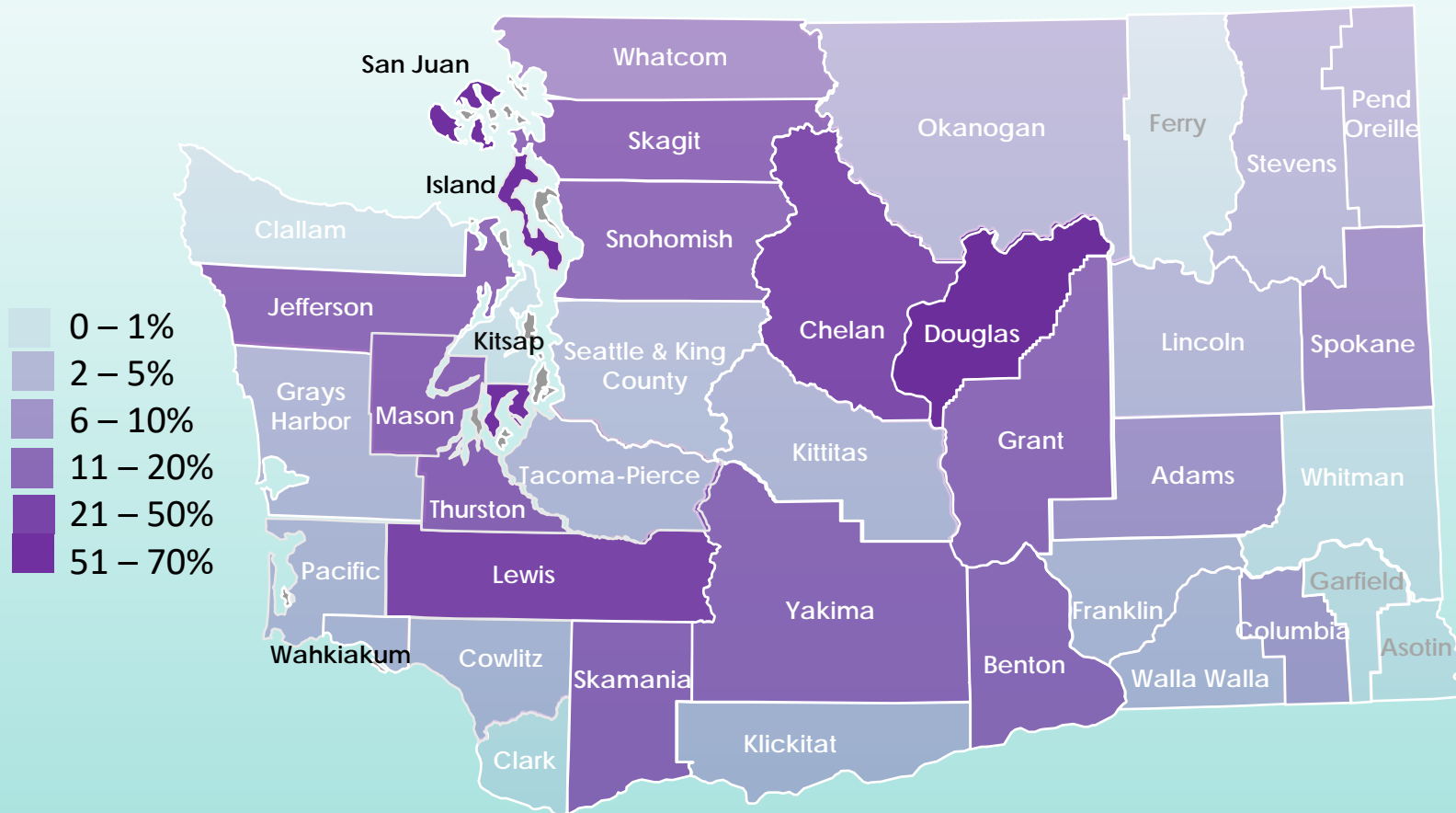
- 11,717 Clinics delivering 1,092,132 vaccines
- 3,422 (29%) vaccinated 1-9 people
- 6,901 (59%) vaccinated 10 to 99 people
- 2,018 (17%) vaccinated 100 to 999 people
- 161 (1%) vaccinated over 1,000 per clinic

The largest clinic vaccinated 3,246 people in one day  
April 23, 2021  
at the Arlington Airport in Snohomish County

# 2021 Timeline



# Percent of Overall COVID Vaccinations Reported Through PrepMod Clinics





# Did PrepMod Address the Concerns Expressed in the 2020 Survey of IIS Users?

- Capturing data from non-traditional providers at point of service
  - Minimal click, point of service documentation
  - PM inventory deducts from IIS inventory post clinic PrepMod→IIS
  - Patient vaccination record PrepMod→IIS
- Training – time and costs
  - Software and support to providers free
  - DOH investment realized in service to the community
- Data quality
  - PrepMod support staff
    - Clinic closure reminders
    - Daily communication with providers to assist with warnings and prevent data transfer errors
  - Less than 0.5% data transfer errors

# Did PrepMod Address the Concerns Expressed in the 2020 Survey of IIS Users?

- Ramp up of onboarding activities
  - 370 PrepMod facilities
  - 5058 users
- Expanding access to new users or clinics
  - Exponentially increased traffic with no WAIS or PrepMod outages.
- Identifying high risk and priority populations
  - PrepMod equips providers with scheduling capabilities, inventory reporting, and patient record documentation in one place. This allows providers more time to focus on delivering service to the community.

# Washington State PrepMod Program

## Exploring Expanded Usage

- PrepMod Enterprise goes live in late May
- New and enhanced features
- Expanded use beyond COVID
- Long term plans beyond 2024 to be determined



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Recognition to our team members in the world of immunizations.

We managed this response. We can go forward making immunizations more accessible and easier for everyone.

[prepmod@doh.wa.gov](mailto:prepmod@doh.wa.gov)





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