LET'S GET UP TO DATE FOR BACK TO SCHOOL

IIS Provider Training & Outreach Team

Meet Your Trainers

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Today's Topics

✓ A look into why high coverage rates are important for school aged children.

- Immunization requirements
- Washington coverage rates
- Outbreak example

✓ Tools to identify at risk patients and help get them up to date.

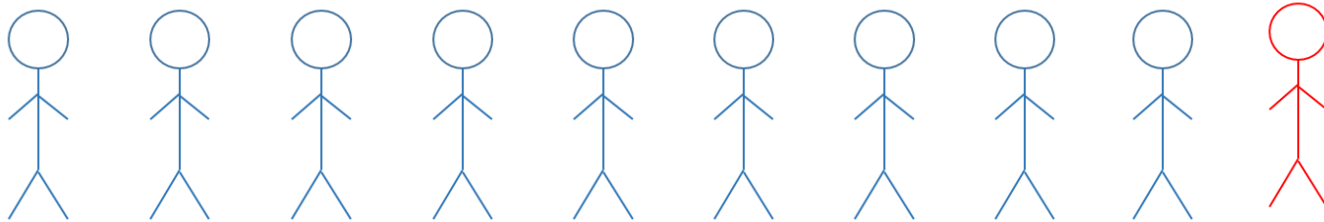- Coverage rate report
- Reminder/Recall
- Forecasting tool

Washington Immunization Requirements

✓ In Washington State certain immunizations are required in order for children to attend school or child care.

✓ Some children may not be up to date due to an exemption.

  • SB 5005 concerning **exemption** from immunization was signed into law May 10, 2011. They can be **medical, religious** or **philosophical.**

Access additional information about school and child care immunization requirements here.

Coverage Rate Example

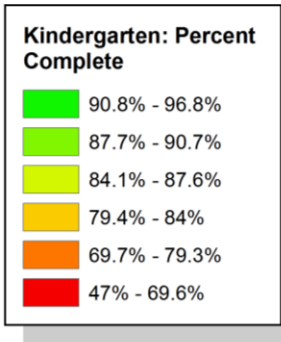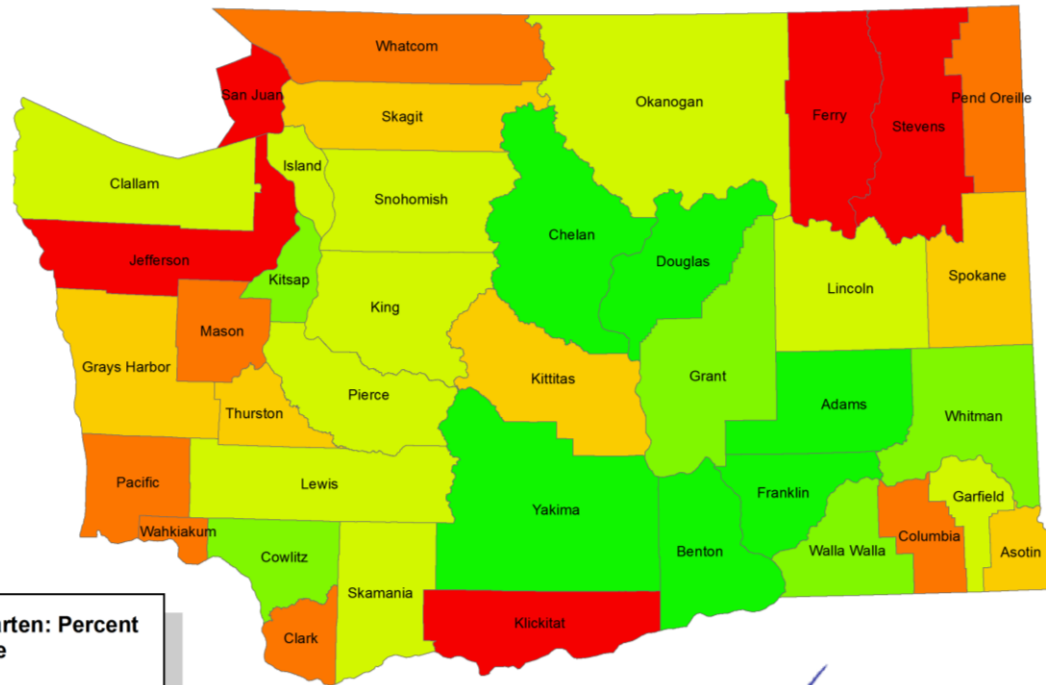You have ten children that currently seek medical care at your clinic.

Of those ten children, nine are currently up to date for their MMR immunizations (blue). Your **coverage rate for MMR would be 90%.** There is one child or ten percent of your population that is not up to date.

Why do Coverage Rates Matter?

✓ Coverage rates can be run based upon the vaccines recommended by the Advisory Committee on Immunization Practices (ACIP).

✓ A school or a county's overall percentage of immunized children is known as their **coverage rate**. A high percentage indicates that most of the population has been adequately immunized.

- High coverage rates help create herd or community immunity.

✓ ***Next up:*** *Lets look at Washington State's current school coverage by county.*

Kindergarten Coverage By County

Access additional immunization data [here](#)

Kindergarten: Percent Complete

■	90.8% - 96.8%
■	87.7% - 90.7%
■	84.1% - 87.6%
■	79.4% - 84%
■	69.7% - 79.3%
■	47% - 69.6%

Washington State Department of Health

Data source: WA State Department of Health, Office of Immunization and Child Profile, 2017-2018 school data. Created March 2018.

K-12 Coverage by County
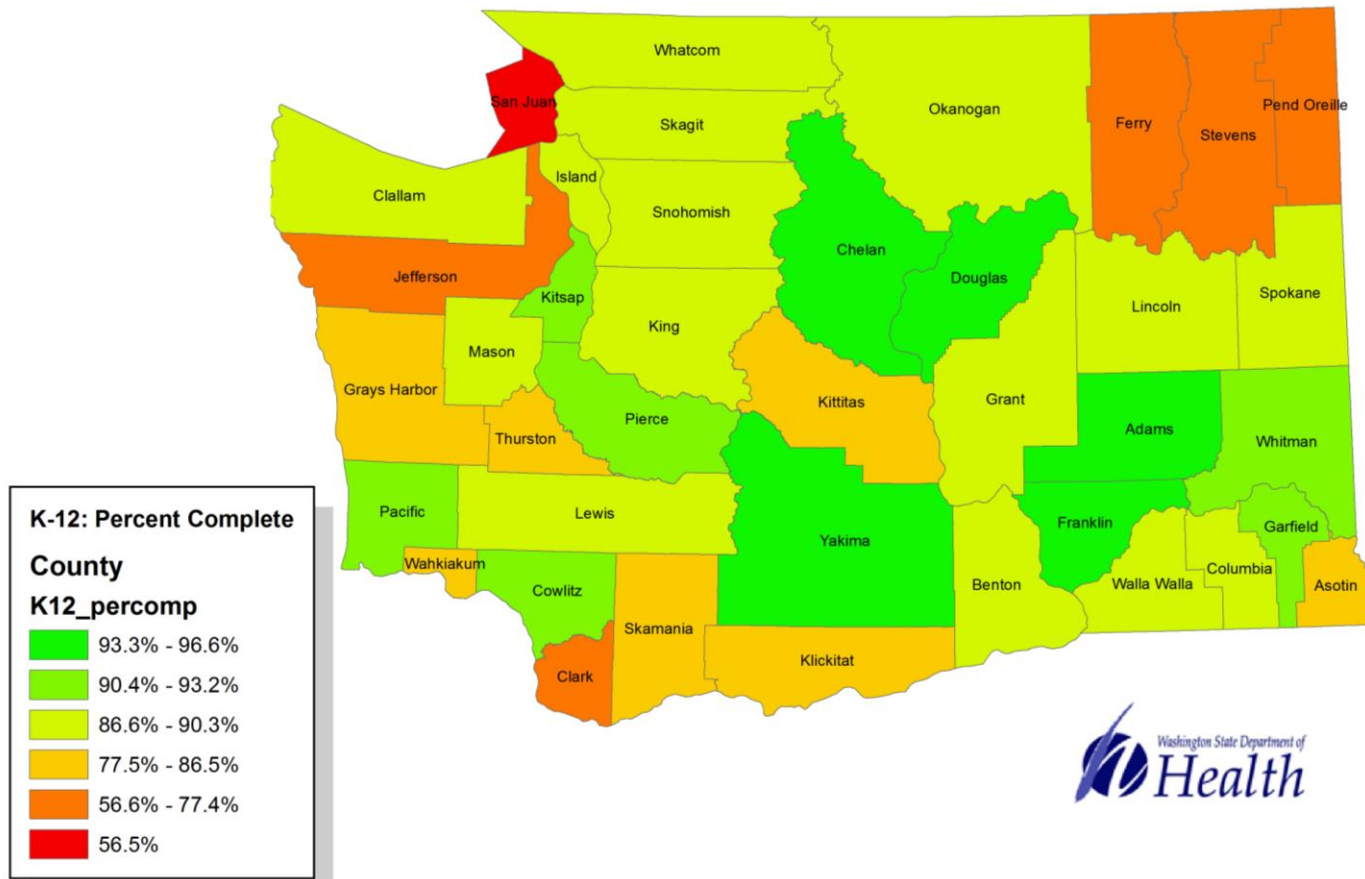
Data source: WA State Department of Health, Office of Immunization and Child Profile, 2017-2018 school data. Created March 2018.

Vaccine Preventable Disease Case Study: Measles

Sources: Humans; primarily through respiratory droplets.

Additional risks: Measles in the U.S. is mainly related to international travel to countries with endemic measles or outbreaks. Transmission to additional persons that are not vaccinated can occur, leading to outbreaks.

Trends: Typically fewer than 5 cases reported annually. 36 cases were reported related to a large outbreak at Western Washington University in 1996. **Outbreaks with seven to 33 cases occurred in Washington in 2001, 2004, 2008, and 2014. One outbreak with six cases, one of which was fatal in 2015.**

Outbreaks are still occurring in today's world. Keep risks low by ensuring patients are fully vaccinated.

Washington State Communicable Disease Report 2016 DOH 420-004

Using the IIS to Get Patients Up to Date!

The IIS has several tools that can assist providers in improving clinic coverage rates. The following tools are used to assess and increase coverage.

1. Assess current coverage using the **Coverage Rate Report**.

2. Use **Reminder/Recall** to identify patients who are not up to date.

3. Use the **Forecasting Tool** to identify which vaccines a patient needs in the future.

Assess your percentage of patients that are up to date

COVERAGE RATE REPORT

Running the Coverage Rate Report

1. Select **Report Module** under **Reports** in the left menu
2. Select **Coverage Rate Report**
3. Run **By Ownership**
4. Select a **Series**
5. Enter an **Age Range**

Running the Coverage Rate Report

6. Select **Active Only** for **Patient Status**

7. Select **Valid Vaccinations Only** for **Vaccine Status**

Limit Report By	
Patient Status	⦿ Active Only ◯ Inactive Only ◯ All
Vaccine Status	◯ All Vaccinations ⦿ Valid Vaccinations Only

8. Select measures to display.

Display Report Columns
- ☐ Complete By Vaccine
- ☐ Incomplete Series
- ☐ One Dose to Complete Series
- ☐ One Visit to Complete Series (Multiple doses needed but could be given with one visit to vaccinator)
- ☐ Up-to-date
- ☐ Late up-to-date
- ☐ Missed Opportunities

9. Select a report output.

| Export Patient List | Create Patient List | Export Coverage Report | Create Coverage Report |

Identify patients who are not up to date

REMINDER/RECALL

Set up Reminder/Recall
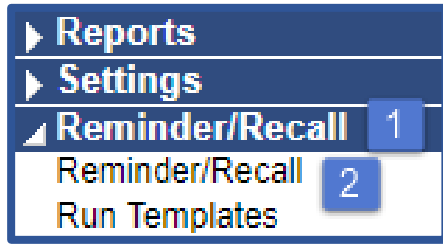
1. Select **Reminder/Recall** from the left menu
2. Select **Reminder/Recall** again
3. Select **For all patients you own ("By Ownership")**
4. Select a **Due Date Timeframe**

How do you want to run this Reminder/Recall?

3 ● For all patients you own
   ○ For all patients you have seen at your facility
   ☐ Include Inactive Patients (Excluding deceased)
4 Due Date Timeframe: Due Now ▼

Set up Reminder/Recall

5. Enter a **Patient Age Range** or **Birth Date Range**

6. Select a **Vaccine Series** or **Custom** to choose specific vaccines & dose #s
7. Select **Due for all selected vaccines**
8. Click **Generate Patient List** button

Preview & Edit Patient List

- Remove patients

- Inactivate patients

- Limit by contact method

- Remove patients after certain number of contacts.

Choose Reminder/Recall Output

# Run Reminder/Recall Output

Other items to note

PREPARING FOR INCREASE IN PATIENT VISITS, FORECASTING, AND PRINTING RECORDS

Preparing for Higher Patient Volume

✓ Ensure you have enough vaccine to meet higher demand.

- Look at how many patients are included in the **Reminder/Recall** output.
- Review **Order History** and **Vaccination Totals** for the same timeframe last year.

✓ Place vaccine order and allow two weeks to receive vaccines.

- Include comments in the order to explain higher than normal order quantities (e.g. back to school)

Review Vaccine Order History

Orders/Transfers
- Alerts
- Create/View Orders
- Search History
- Cold Storage
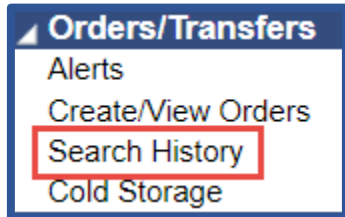
1. Select **Search History** under **Orders/Transfers** in the left menu
2. Select the **Orders** radio button
3. Enter in a **Submit Date Range**
4. Select **Vaccine(s)** or leave blank to select all
5. Click **Search** or **Export Report**

Search History

○ Orders ○ Transfers ○ Returns ○ Wastage

Fa[2]:	--select-- ▼
PIN:	
Submit Date: [3]	From: 07/01/2017 Through: 09/30/2017
Receipt Date:	From: Through:
Approval Date:	From: Through:
Denial Date:	From: Through:

Vaccine: [4]

- -- Any 0.5mL single dose brand made available -- 2018-2019
- -- Any multi-dose brand made available -- 2018-2019
- 3-18 YEARS: FluLaval 0.5mL single dose '17-18
- 3-18 YEARS: Fluzone MDV '17-18
- 6-35 MONTHS: FluLaval® 0.5mL single dose '17-18
- 6-35 MONTHS: FluLaval® 0.5mL single dose '17-18...wrong
- 6-35 MONTHS: Fluzone® 0.25mL single dose '17-18
- ACTHIB
- ACTHIB.
- ADACEL

Review Vaccination Totals

1. Select **Report Module** under **Reports** in the left menu
2. Select the **Vaccination Totals** report
3. Select **Vaccines** or leave blank to select all
4. Enter **Vaccination Dates**
5. Select radio button and enter **Patient Age Range**

Review Vaccination Totals

6. Select the **Total Vaccinations by Vaccine** radio button

7. Click **Create Report**

Display By

- ○ All ○ Half Hour ○ Hour ○ Day
- ○ Total Vaccinations by Vaccinator
- ○ Total Vaccinations by Program
- ○ Total Vaccinations by Health Plan
- ○ Total Vaccinations by Zip Code
- ○ Total Vaccinations by State
- ○ Total Vaccinations by County/Parish
- ○ Total Vaccinations by District/Region
- ● Total Vaccinations by Vaccine **6**

7

[Back] [Reset] [Create Report]

Total Vaccinations Selected: 44

Vaccine	Number of Vaccinations
HPV, unspecified formulation	4
HPV9	6
Hep A, ped/adol, 2 dose	1
Hep B Ped/Adol - Preserv Free	1
IPV	1
Influenza inj quadrivalent w/presv. 36+ mos	1
MMR	1
Tdap	13
influenza, injectable, quadrivalent	1
influenza, injectable, quadrivalent, preservative free	1
meningococcal MCV4P	13
varicella	1

Review Vaccination Forecast

Patient
Search/Add
Demographics
Remote Registry
Vaccinations
View/Add
Forecast
Summary
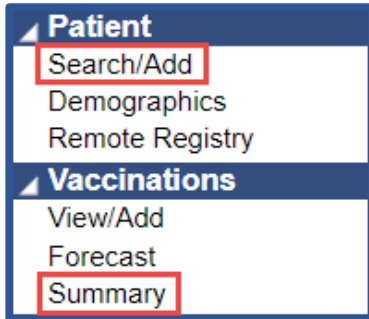
1. Search for patient

2. Select **Summary** under **Vaccinations** in the left menu

3. **Summary** screen displays the patient's vaccination history and forecast

Vaccination Forecast

The forecast automatically switches to the accelerated schedule when a patient is behind schedule.

Vaccine Family	Dose	Recommended Date	Minimum Valid Date	Overdue Date	Status
DTaP/DT/Td	1	08/24/2017	08/05/2017	09/24/2017	Past Due
HIB	1	08/24/2017	08/05/2017	09/24/2017	Past Due
PNEUMO (PCV)	1	08/24/2017	08/05/2017	09/24/2017	Past Due
POLIO	1	08/24/2017	08/05/2017	09/24/2017	Past Due
FLU	1	12/24/2017	12/24/2017	01/23/2018	Past Due
HEP-A	1	06/24/2018	06/24/2018	06/24/2019	Due Now
MMR	1	06/24/2018	06/24/2018	10/24/2018	Due Now
VARICELLA	1	06/24/2018	06/24/2018	10/24/2018	Due Now
HPV	1	06/24/2028	06/24/2026	06/24/2030	Up to Date
MENINGOCOCCAL	1	06/24/2028	06/24/2027	06/24/2030	Up to Date

Print Certificate of Immunization Status

Patient Specific Reports
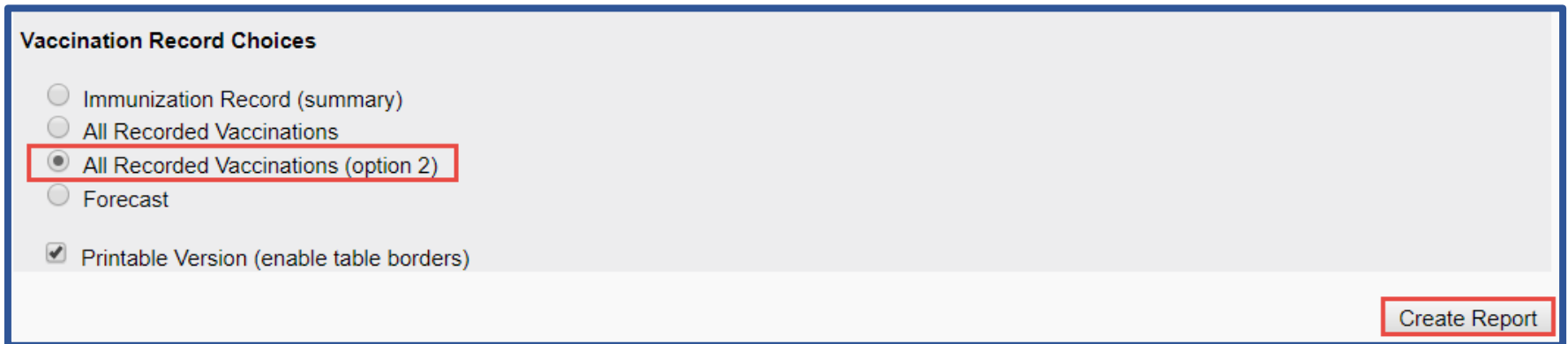Certificate of Immunization Status (CIS)

1. Search for patient

2. Select **+** next to **Patient Specific Reports** at the bottom of the **Patient Demographics** screen

3. Click **Certificate of Immunization Status (CIS)**

4. Select **Certificate Type** and **Series**

5. Click **Create PDF**

Certificate of Immunization Status (CIS)

Certificate Type:	School	× ▾
Series:	GRADE K-5	× ▾

Back   Create PDF

Print Patient Record

Reports
Patient Record
Report Module
State Reports

1. Search for patient.
2. Select **Patient Record** under **Reports** in the left menu
3. Select **All Recorded Vaccinations (option 2)** to show entire vaccination history and forecast
4. Click **Create Report**

Vaccination Record Choices

○ Immunization Record (summary)
○ All Recorded Vaccinations
◉ All Recorded Vaccinations (option 2)
○ Forecast

☑ Printable Version (enable table borders)

Create Report

Immunization Quality Improvement

✓ Assess your clinic's **Coverage Rates** using the IIS.

✓ Use **Reminder/Recall** to get kids back into the clinic for vaccinations.

✓ With each visit, review the **Forecast** to remind patients which vaccines will be due soon.

✓ Print a **Patient Record** showing which vaccines are coming due and schedule their next appointment, if needed.

- Parents/patients can also sign up for <u>MyIR</u> to access their IIS immunization record or Certificate of Immunization Status for school/child care entry.

✓ ***Next up:*** Resources for your clinic.

Immunization Resources for Clinics & Patients

Reminder/Recall
- Order Reminder/Recall cards
- Printable adolescent reminder/recall cards

School & Childcare Immunizations
Webpage about school and childcare vaccine requirements.

Plain Talk about Childhood Immunizations
Booklet for parents that covers immunizations recommended from birth through the teen years (available to order in English & Russian here)

Conversation Guide for Healthcare Professionals
An evidence-based approach to having conversations about vaccines with parents.

Immunization Information for Healthcare Providers
Webpage to access a variety of topics and printable materials.

Immunization Resources for College Students

Educational resources for Meningococcal, HPV, Flu and many more vaccines! Access the DOH College Immunization webpage [here](#).

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