WYIR : COVERAGE RATE REPORTS

REV. 10/18

Coverage Rate Report: Overview

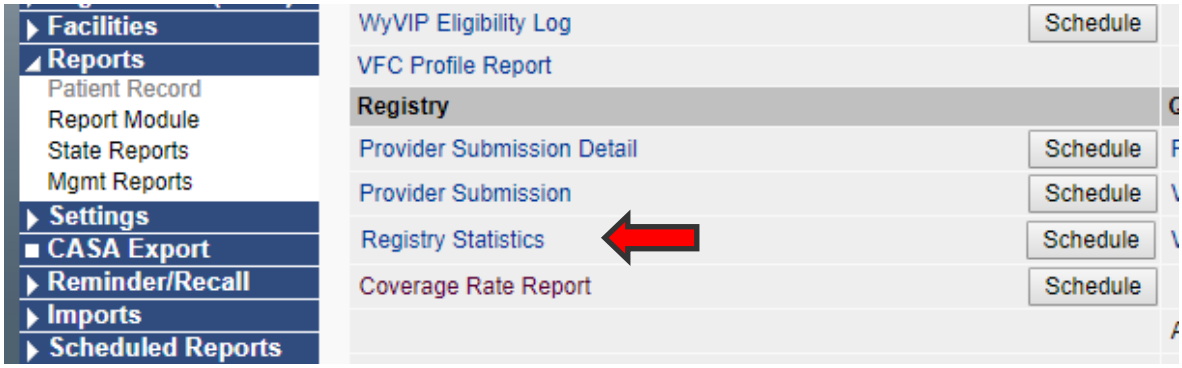
The **Coverage Rate Report** is a report function that allows a user to run various reports to obtain immunization coverage rates, missed opportunities, and patient lists for their assigned facility. Note: not all users have this functionality, i.e. school nurses.

Coverage rate means the percentage of a population that has been vaccinated appropriately among those that were eligible for vaccination. For example, if there are 10 patients, and 8 have received all 3 doses of the hepatitis B vaccine, the coverage level is 80%.

Missed opportunity: means any contact with health services by a patient who is eligible for vaccination, which does not result in the patient receiving one or more of the vaccine doses for which they are eligible. For example, if in the WyIR a patient is forecasted for both flu and varicella vaccinations on the same date, and the patient only receives a flu vaccine, a missed opportunity will be calculated as varicella vaccine was not administered.

How to get started

Click the **Reports** option from the left side navigation menu, then click **Report Module.** The Report Module page opens. Under the heading **Registry**, click on **Coverage Rate Report.**



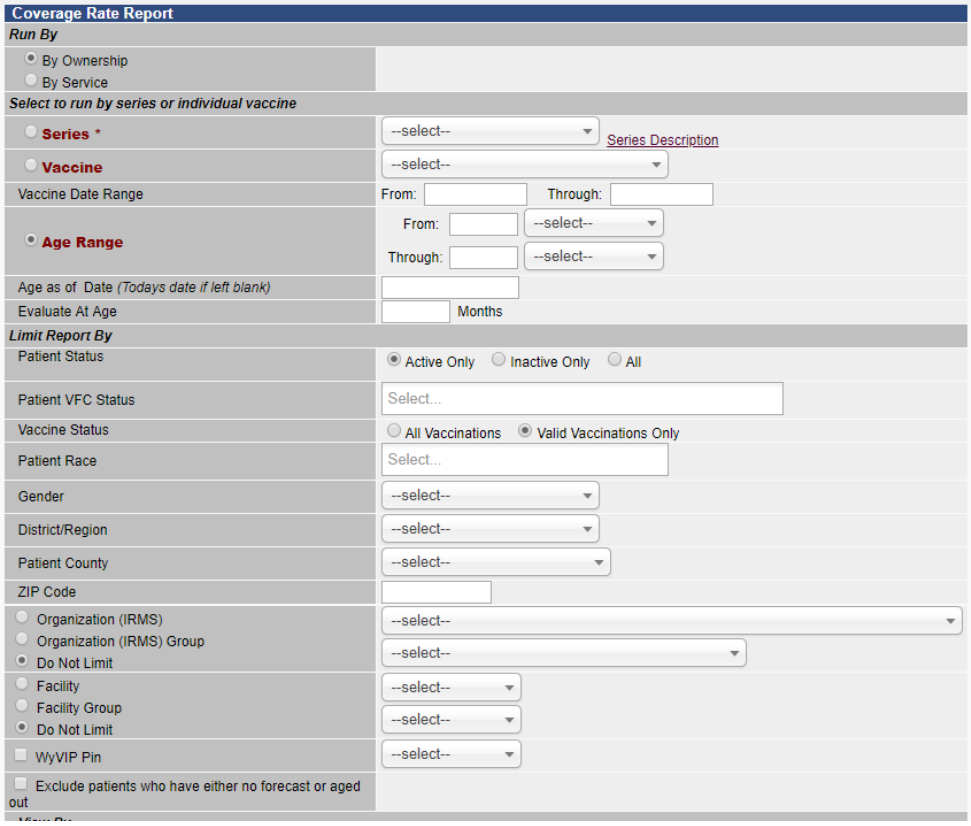
The **Coverage Rate Report** screen will open.

Select the following criteria to obtain your facility's report:

- **Run By**—By Ownership (this is the default)
- **Series**—Select from drop down menu. You may click on Series Description to learn more about which vaccines and number of doses that are included. For AFIX/Quality Improvement Criteria, it is recommended that you select the AFIX 4313314, AFIX Adolescent, IQIP Adolescent, 1+HPV, or 2+HPV reports. Only one report can be selected at a time.
- **Age Range**—Enter number and then select months or years from dropdown box. For AFIX/ QI Criteria, enter 24-35 Months for childhood rates and 13-17 Years for adolescent rates.
- **Patient Status**—Defaulted to Active Only
- **Vaccine Status**—Defaulted to Valid Vaccinations Only

NOTE: Organization and Facility will be defaulted with your information. You can only run Coverage Rate Reports for your facility.

The checkbox for **Exclude patients who have either no forecast or aged out** can be useful if creating patient lists. This option will exclude any patients who have completed a series, or are no longer eligible for a particular vaccination due to age. This will help keep patient lists limited to those who are not up to date and/or have doses due soon.



View By will be defaulted to Aggregate (Total Only)

Under **Display Report Columns**, select Complete By Vaccine and Missed Opportunities

Then it is time to create your report output. There are a few options:

- **Export Patient List**—This will create an Excel spreadsheet file with the patients meeting the criteria selected above.
- **Create Patient List**—This will open a new tab that will display the patients meeting the criteria selected above.
- **Export Coverage Report**—This will create an Excel spreadsheet file with the coverage rate report data
- **Create Coverage Report**—This will open a new tab that will display the coverage rate report data

Examples of the Coverage Rate Report and Patient List are found below. Patient lists can be used in conjunction with coverage rates to identify those patients that are missing doses and are not up to date.

Coverage Rate Report

Report Criteria — **Report Date:** 10/22/2018

Run By:	Ownership		
As of Date:	10/22/2018	**Age Range:**	24 Months through 35 Months
Series:	DTaP/DT/Td(4), HIB(3), POLIO(3), HEP-B 3 DOSE(3), MMR(1), VARICELLA(1), PNEUMO (PCV)(4)		
Vaccine:		**Vaccine Date Range:**	All
Patient Status:	Active	**Vaccine Status:**	Valid Vaccinations Only
Patient Race:	All	**Gender:**	All
State:	WY	**Patient County:**	All
District/Region:	All	**Zip Code:**	All
Organization (IRMS):	OUR FAKE ORGANIZATION	**Facility:**	AFIX KIDS
Evaluate At Age:	All	**Patient VFC Status:**	All

Aggregate (Total Only)	Total Patients	Completion By Vaccine			Missed Opportunities	Series Complete
TOTAL	9	DTaP/DT/Td	≥4	9 (100%)	5 (56%)	4 (44%)
		HIB	≥3	9 (100%)		
		POLIO	≥3	5 (56%)		
		HEP-B 3 DOSE	≥3	7 (78%)		
		MMR	≥1	9 (100%)		
		VARICELLA	≥1	8 (89%)		
		PNEUMO (PCV)	≥4	5 (56%)		

Series-Specific Patient Forecast

Report Criteria

Run By:	Ownership		
As of Date:	10/22/2018	**Age Range:**	24 Months through 35 Months
Series:	DTaP/DT/Td(4), HIB(3), POLIO(3), HEP-B 3 DOSE(3), MMR(1), VARICELLA(1), PNEUMO (PCV)(4)		
Vaccine:		**Vaccine Date Range:**	All
Patient Status:	Active	**Vaccine Status:**	Valid Vaccinations Only
Patient Race:	All	**Gender:**	All
State:	WY	**Patient County:**	All
District/Region:	All	**Zip Code:**	All
Organization (IRMS):	OUR FAKE ORGANIZATION	**Facility:**	AFIX KIDS
Evaluate At Age:	All	**Exclude patients who have completed or aged out:**	N
Patient VFC Status:	All		

Patients selected: 9

Patient ID	Owning IRMS/Facility Id	Patient Name	Birthday	Age	Gender	WyVIP Eligibility	Guardian F.N.	Patient Phone Number	County	Zip Code	Chart Number
831238	7772414 / 7052	FRAN AFIX	05/01/2016	29 months	F	Medicaid	BOB		LARAMIE	82001	SIISCLIENT831238

Vaccine Family Name	Dose Number	Recommended Date	Minimum Date
POLIO	3	11/29/2016	11/29/2016
HEP-B 3 DOSE	3	11/01/2016	10/16/2016
PNEUMO (PCV)	4	05/01/2017	05/01/2017

Patient ID	Owning IRMS/Facility Id	Patient Name	Birthday	Age	Gender	WyVIP Eligibility	Guardian F.N.	Patient Phone Number	County	Zip Code	Chart Number
831237	7772414 / 7052	ALEXANDER AFIX	03/31/2016	30 months	M	Medicaid	BOB		LARAMIE	82001	SIISCLIENT831237

Patient has met the requirements for the vaccines in the series

Still have questions? Contact the **Clinical Consultant** at 307-777-8981 or heidi.gurov@wyo.gov for further assistance.