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 for varicella.

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 IQIP activities, it is recommended that you select the Childhood 4313314 Series, Adolescent Series, IQIP Adolescent, or HPV 1 & 2 Dose reports. Only one report can be selected at a time.
- **Age Range**—Enter number and then select months or years from dropdown box. For IQIP Criteria, enter 24-35 Months for childhood rates and 156-167 Months for adolescent rates for 13 year olds.
- **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, and to assist with reminder recall and patient status management activities.

### Coverage Rate Report

**Run By:**
- **Covemship:** 10/22/2018

**Series:**
- **DTPA/Td/TH:** 4
- **Hb3:** (100%)
- **POLIO:** (100%)
- **HEP B 3 DOSE:** (78%)
- **VARCELLA:** (100%)
- **PNEUMO (PCV):** (95%)

**Age Range:** 24 Months Through 36 Months

**Missed Opportunities:** 5 (50%)

**Series Complete:** 4 (44%)

### Series-Specific Patient Forecast

**Run By:**
- **Covemship:** 10/22/2018

**Series:**
- **DTPA/Td/TH:** 4
- **Hb3:** (100%)
- **POLIO:** (100%)
- **HEP B 3 DOSE:** (78%)
- **VARCELLA:** (100%)
- **PNEUMO (PCV):** (95%)

**Age Range:** 24 Months Through 36 Months

**Missed Opportunities:** 5 (50%)

**Series Complete:** 4 (44%)

### Patient List

**Patient ID/Owning DRH/Facility Id**
- **PRIN APX:** 631238

**Patient Name:** PRIN APX

**Birthday:** 9/30/2016

**Gender:** F

**Age:** 29 months

**Vaccines Administered:**
- **POLIO:** 3
- **HEP B 3 DOSE:** 3
- **PNEUMO (PCV):** 4

**Recommended Date:**
- **11/10/2016**

**Minimum Date:**
- **11/02/2016**

Still have questions? Contact the **Clinical Consultant** at 307-777-8981 for further assistance.