

Immunization Quality Improvement for Providers (IQIP) Product Tip Sheet

This is a companion guide to the IQIP Product course.

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What is the IQIP Product?

The Immunization Quality Improvement for Providers (IQIP) Product is designed to:

- support the Oregon IQIP program and
- assist clinics in monitoring immunization rates and improving clinic's immunization workflows.

It can be useful to any clinic enrolled in a state-supplied vaccine program that wants to assess or track their immunization rates.

The Immunization Metrics

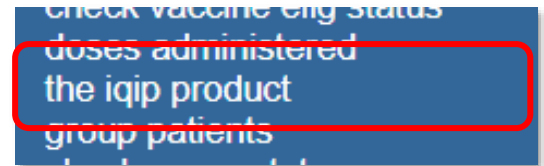
The IQIP Product report is preloaded with four standard metrics:

- Childhood (2-year-old) Metric: 4+DTaP, 3+Polio, 1+MMR, 3+Hib, 3+Hep B, 1+Varicella, 4+PCV
- Adolescent (13-year-old) Metric: 1+ MCV, 1+Tdap, UTD HPV
- Older Teen (17-year-old) Metric: 1+Tdap, 2+ MCV, 1+ Mening B, UTD HPV, UTD Flu
- Birth (0-year-old) Metric: Birth dose Hep B

How to Run the IQIP Product?

To access the IQIP Product:

1. Log into ALERT IIS.
 - a. If you have access to more than one clinic, select your clinic of choice.
2. Then select the IQIP Product option from the list on the left side menu.



This opens a separate window where you can run the IQIP product report.

IQIP Product Main Menu

Here you will find several report options:

- AFIX/IQIP Cohort: Standard IQIP immunization reports (i.e. 2, 13, 17-year-old and Birth reports).
- Flexible Cohort: Custom, non-standard IQIP reports for ages 0-18 for all ACIP-recommended vaccines
- List of scheduled jobs: After initiating your reports, visit this tab to check on status.
- System Monitor: Information about failed jobs and any associated failure messages. This option is administrative and not likely to be used very often.

AFIX/IQIP Cohort Deep Dive

1. Choose the Assessment Type. You can choose between AFIX or IQIP. The process for running either option is nearly identical however, AFIX is the older QI standard used before IQIP was developed.
2. Select the Type, this option is divided into 4 age ranges; Childhood (2-year-old), Adolescent (13-year-old), Older Teen (17-year-old) and Birth (0 year-old).

The birthdate range will auto populate.

3. If wanted, narrow your results using demographic filters:

- Provider
- Country
- City
- Zip
- Race
- Gender
- Ethnicity

Leave all boxes blank for the standard report output.

4. Select each output option to generate that report.

Output Options include:

- Assessment
- Patient Listing:
- Provider Report Card
- Invalid Doses
- Missed opportunities
- Missing Immunization

5. Click Submit when ready to generate your reports.

The screenshot displays a web application interface for generating reports. It is divided into two main sections: 'Reporting Filters' and 'Reports'.

Reporting Filters (Step 3): This section is titled 'Reporting Filters' and contains two columns of filters. The left column is labeled 'Geographics' and includes dropdown menus for 'Provider', 'County', 'City', and 'Zip code'. The right column is labeled 'Demographics' and includes dropdown menus for 'Race', 'Gender', and 'Ethnicity'. Each dropdown menu has a placeholder text '-- Select [Category] --'. Below each dropdown menu is a trash icon. The 'Gender' dropdown menu is currently set to 'MALE'. A large blue circle with the number '3' is positioned at the top left of the filters section.

Reports (Step 4): This section is titled 'Reports' and contains a list of report types with checkboxes. The report types are: 'Assessment', 'Patient Listing', 'Provider Report Card', 'Invalid Doses (excluding Rotavirus)', 'Missed Opportunities (excluding Rotavirus)', and 'Missing Immunizations (excluding Rotavirus)'. A large blue circle with the number '4' is positioned at the top left of the reports section.

Submission (Step 5): At the bottom right of the interface, there are two buttons: 'Clear' and 'Submit'. A large blue circle with the number '5' is positioned at the top right of the submission area.

Flexible Cohort Deep Dive

1. Choose the assessment parameters either “As of Date” or “As of Birthday.”
 - a. The As of Date option displays how many patients were UTD by date selected.
 - b. The As of Birthday option displays how many patients were UTD on their birthday.
2. Enter the data window cutoff date (or birthday) for your report.
3. Select the vaccine and dose count from the dropdowns, then click the plus button to add it to the report. Repeat process to include all vaccines you want in the report.
4. Select the report output options. Output Options include:
 - Assessment
 - Patient Listing:
 - Provider Report Card
 - Invalid Doses
 - Missed opportunities
 - Missing Immunization

Reports can be downloaded as a PDF or Excel file.

5. Click Submit to generate report.

The screenshot shows a web form for generating a report. It is divided into several sections. At the top, there are radio buttons for 'Assessment parameter: As of Date' (selected) and 'As of Birthday'. Below this, there are input fields for 'As of Date' (containing '12/29/2025') and 'As of Birthday'. There is also an 'Age Range' section with 'From' and 'Through' fields, and a 'Select' dropdown. The 'Vaccine Group Selection' section has a 'Select' dropdown and a 'Dose Count' dropdown, with a plus button to the right. Below this is a table with columns 'Vaccine Group' and 'Dose Count'. The 'Birthdate Range' section has 'From' and 'Through' fields, both containing '12/29/2025'. The 'Reports' section has a list of checkboxes: 'Assessment', 'Patient Listing', 'Invalid Doses', 'Missed Opportunities', and 'Missing Immunizations'. At the bottom right, there are 'Submit' and 'Clear' buttons.

1 Assessment parameter: As of Date: ☒ As of Birthday: ☐

As of Date:

As of Birthday:

Age Range 2

From:

Through:

Select

Vaccine Group Selection Dose Count

Select 3

Vaccine Group Dose Count

Birthdate Range

From:

Through:

4 Reports: ☐ Assessment ☐ Patient Listing ☐ Invalid Doses ☐ Missed Opportunities ☐ Missing Immunizations

5

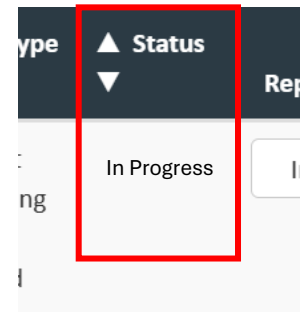
Reviewing Results

Depending on ALERT IIS traffic it could take several minutes or hours to generate the report.

To view or check the status of generated reports use the List of Scheduled Jobs option. This displays a list of all jobs scheduled by users from the AFIX, IQIP, and Flexible Cohort pages.

Status options:

- In Progress – Status will show until the report is complete.
- Job Scheduled - ALERT IIS is cued to generate your report.
- Error - There was an error. Check your settings and retry.
- No Records received - The cohort size of your report is 0. If you suspect an error, check your settings and rerun the report.



Once complete the status will change to “Ready for Download” and Reports dropdown option will appear in the “Reports” column and you will find output options for each report.

Report Output Options

Assessment	<p>Is a great data summary option. It represents the coverage percentages for the selected provider in both graph and table format.</p> <p>Additional details indicating the numerator and denominator for each measure will also be provided in the report.</p>
Patient Listing	<p>Creates a report listing patients and if their immunizations are considered up to date (UTD).</p> <p>Vaccines are listed in separate columns and defined as either UTD Yes with a 'Y' or No with a 'N.'</p>
Provider Report Card	<p>Generates a report card for the organization. Immunization rates are displayed as percentages separated by vaccine group.</p> <p>Additionally, a configurable option is provided for IIS to generate and print this report, including, or excluding the National Immunization Survey (NIS) data.</p>
Invalid Dose	<p>Creates a list of the patients and reasons the dose or doses were considered invalid. This report can only be generated for a single provider at a time and will include both administered and historical immunizations.</p>

	<p>**Note: Invalid doses will only display in the report if the patient is NOT UTD on the As of Date report criteria. Invalid Doses Report will only track not UTD even if there is an invalid dose in the series for a patient that is UTD.</p>
Missed Opps	For both IQIP and AFIX Assessment types, will create a list of patients, and the antigen(s) considered missed as of the date the last vaccine was administered. A missed opportunity is defined as a vaccine that could have been administered at the same time as the last immunization date.
Missed Imms	Identifies patients in a cohort that were indicated as Not Up-to-Date (UTD) and missing immunizations at the time of the assessment.

Resources

After you've run the IQIP Product you can:

1. Compare your data to county rates using our data tables.
2. Run the [Reminder/Recall Report](#) and reach out to patients to improve your rates.
3. Contact the IQIP team for help interpreting results and setting up a quality improvement project at your clinic.

If you need help or have questions visit the [Immunization Quality Improvement for Providers](#) website or contact the OIP Help Desk at alertiis@odhsoha.oregon.gov or 1-800-980-9431.