



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Immunization Module

(BI)

Addendum to User Manual

Version 8.5 Patch 31
November 2025

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Preface

This addendum only provides written guidance on changes made in the patch that are relevant to the user. To see a list of all changes, refer to the patch notes for the respective patch.

1.0 Introduction

Review these changes and add a copy of them to any printed documentation your site may be using for the Indian Health Service (IHS) Immunization Tracking (BI) v8.5 application.

1.1 Summary of Changes

BI v8.5 p31 includes the following additions to BI functionality:

- Fixing bug within Adult report. This corresponds to the Td/Tdap results.
- Expanding the age of the Meningococcal B risk-based check to 23-years old.
- Created a print format for canned immunization reports.
- Added a new risk-based check to forecast early at age 9- to 10-years old.
- Added a new risk-based check to forecast and evaluate the dose for Zoster Recombinant Vaccine at ages 19- to 49-years old.
- Created a risk flag RB next to a vaccine that is being forecasted in the RPMS Immunization due section. This denotes that a risk-based check is turned on in the BI Site Parameters.

2.0 Patch 31

2.1 Fixing Bug within Adult Report

A bug was discovered in the **Adult** report in relation to the **Td/Tdap** results. The bug created a logic error that caused the results to be inaccurate for the **Td/Tdap** results. Fixing the bug brought the results back in alignment and provided accurate data for the report.

2.2 Expanding the Age of the Meningococcal B Risk-Based Check to 23-Years Old

The **Men B for ages 16 to 18 years** was previously added to the options available under **ESP Site Parameters Edit, Parameter 18, High Risk Factor Check**. It has been expanded to the age of 23 years old.

Users have the option to enable **Men B for 16 to 23 years** forecasting by selecting **#5, Men B for 16 to 23 yrs**.

When the parameter is enabled, the system checks the patient record for their age and displays an initial forecast in the **EHR Forecasting** window (Figure 2-1) and the **RPMS Immunization due** section.

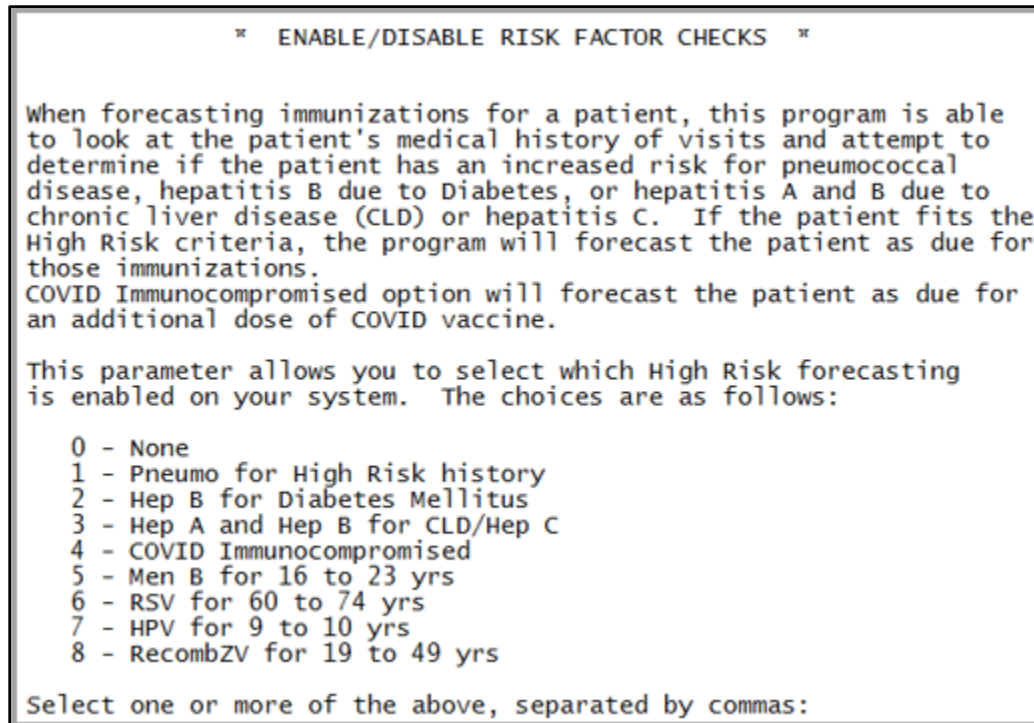


Figure 2-1: Men B for 16 to 23 yrs Forecasting Option

2.3 Created a Print Format for Canned Immunization Reports

The immunization reports can be printed on paper, screen, or text file. Now, a new format has been created as a **Comma Delimited (CSV)** file. It is a plain text-file format used to store tabular data, where each line represents a row and the values within that row are separated by commas. This will allow users to data exchange between different applications such as Excel.

This format is available with the following reports under the **BI Reports Menu**:

- **Adolescent report** (Figure 2-2)
- **Adult report**
- **Flu report**
- **3-27 Month report**
- **Two Yr Old report**

```

ADOLESCENT IMMUNIZATION RATES REPORT

1 - Quarter Ending Date.....: 09/16/2025
2 - Community.....: ALL
3 - Health Care Facility.....: ALL
4 - Case Manager.....: ALL
5 - Beneficiary Type.....: INDIAN/ALASKA NATIVE
6 - Patient Population Group...: Active Users (2+ visits, 3 yrs)

Select a left column number to change an item.
V View Rates Report      P Print Rates Report      H Help
                          C .csv output file
Select Action: Quit//
  
```

Figure 2-2: Adolescent report

After the user makes the necessary selection from the parameters, type C for .csv output file (Figure 2-3).

```

You have selected to create a .csv (comma delimited) file for use in EXCEL.
You can have this output file created as a file in your site's export
directory (G:\EXPORT\) OR you can have the delimited output display
on your screen so that you can do a file capture. Keep in mind that if you
choose to do a screen capture you CANNOT Queue your report to run in
the background!!

Select one of the following:

S      SCREEN - delimited output will display on screen for capture
F      FILE - delimited output will be written to an output file

Select output type: S//
  
```

Figure 2-3: Options to display output or create an output file

The delimited output can be displayed on the screen or written to an output file. It is defaulted to the **Screen** option. The following is an example of a Screen display (Figure 2-4).

```
Female + Male Denominators,11-12yrs,13yrs,13-17yrs
Age Group Denominators,0,0,11
1-HPV #,0,0,2,
1-HPV %,0,0,18,
2-HPV #,0,0,2,
2-HPV %,0,0,18,
3-HPV #,0,0,0,
3-HPV %,0,0,0,
Fully Vac'd HPV 2 Doses #,0,0,2,
Fully Vac'd HPV 2 Doses %,0,0,18,
Fully Vac'd HPV 3 Doses #,0,0,0,
Fully Vac'd HPV 3 Doses %,0,0,0,
Fully Vac'd 2&3 combined #,0,0,2,
Fully Vac'd 2&3 combined %,0,0,18,

Total Patients reviewed: ,11
Females: ,9
Males: ,2
Total Patients reviewed who had Refusals on record: ,3
*Denominators are Active Clinical Users: 2 clinical visits in the past 3 years.
```

Figure 2-4: Screen display

2.4 Added New Risk-Based Check to Forecast Early at Age 9 to 10 Years

HPV for 9 to 10 yrs is added to the options available under **ESP Site Parameter Edit, Parameter 18**, and **High Risk Factor Check**.

Users have the option to enable **HPV for 9 to 10 yrs Forecasting** by selecting #7, **HPV for 9 to 10 yrs**.

When the parameter is enabled, the system checks the patient record for their age and displays an initial forecast in the **EHR Forecasting** window and **RPMS Immunization due** section.

2.5 Added New Risk-Based Check to Forecast and Evaluate the Dose for Recombinant Zoster Vaccine at Ages 19 to 49 Years

Recombinant Zoster Vaccine for 19 to 49 yrs is added to the options available under **ESP Site Parameters Edit, Parameter 18**, and **High Risk Factor Check**.

Users have the option to enable **RecombZV for 19 to 49 yrs** forecasting by selecting #8, **RecombZV for 19 to 49 yrs**.

When the parameter is enabled, the system checks the patient record for an entry contained in one of the **Recombinant Zoster Vaccine** immunization taxonomies that meets the following criteria:

- **RZV ATX IMMUNOSUPPRESS RXNORM AND RZV ATX IMMUNOSUPPRESS DRUGS**—system looks back 90 days for an entry.
- **BQI CANCER DXS, BQI IMMUNE DEFICIENCY DXS, BQI TRANSPLANT DXS, BQI VSAC DERIVATIVE**—system looks back a year for entry.

This will display an initial forecast in the **EHR Forecasting** window and **RPMS Immunization due** section. Once the 1st and 2nd dose is administered. It will now evaluate the 2nd dose as **VALID** instead of **INVALID**.

2.6 Created Risk Flag RB

A risk flag, **RB**, was created next to a vaccine that is being forecasted in the **RPMS Immunization due** section. This denotes that a risk-based check is turned on in the **BI Site** parameters.

The risk flag, **RB**, will display for all the risk-based checks except **Hep B for Diabetes Mellitus**, which is currently outdated.

When the risk-based check is enabled and the system checks the patient record for the age, diagnosis, or medication, it will display **RB** next to the vaccine being forecasted in the **RPMS Immunization due** section.

Patient: DEMO,STEVEN				DOB: 21-May-1995 (30 yrs)		
Chart#: 143964				Active	Male	M HBsAg: UNK
#	Immunization History				Immunizations DUE on	
1	07/29/25	ZOS-Shgrx	2021		Tdap	past due
2	08/26/25	ZOS-Shgrx	2021		FLU,NOS	due
					PNEUMO-PS	due *RB*
3	12/15/20	COV,Mod	2021			
4	01/14/21	COV,Mod	2021			

Figure 2-5: Displaying RB Risk Flag

Acronym List

Acronym	Meaning
EHR	Electronic Health Record
IHS	Indian Health Service
RPMS	Resource and Patient Management System

Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

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