INQWYIR — DATA QUALITY PROTOCOL — INQWYIR

As part of an effort to encourage Data Quality within the WyIR, we are recommending that all facilities run the following Administrator Data Quality Reports each month:

> **Vaccination Data Quality Report**
> **Provider Submission Detail Report**
> **Vaccinations Breakdown Report**
> **Data Quality Report by IRMS and Facility**

>> Vaccination Data Quality Report

> Summarizes vaccinations outside of recommended administration age or administered vaccinations that were given from unspecified vaccine types.

> Can be used to identify erroneous vaccination practices and to correct and avoid them in the future.

Vaccination Date Range: 02/01/2014 through 02/28/2014	
WYOMING DEPARTMENT OF HEALTH	
IMMUNIZATION UNIT (5309) details	
DTaP/DT/Td DTaP or Ped DT administered at >= 7 years of age.	1
HEP-A This additional dose not required.	1
HEP-B 3 DOSE This additional dose not required.	1

>> Provider Submission Detail Report

> Displays the number of patients and vaccinations added or updated during the specified date range and the pre-defined expected reporting methods versus the actual reporting methods for the selected organization/facility.

> Can be used to give a snapshot view of what your facility is currently doing. Users intending to upload through HL7 can evaluate how often and why they are still entering records manually. Until a bi-directional interface is established with the WyIR that can send AND receive administered vaccines, historical vaccines, and contraindications, there may be a need to continue to enter data in both systems. This report can assist facilities in understanding the reporting burden by their staff.

Date	Organization (IRMS)	Expected Organization (IRMS) Reporting Method	Facility	Expected Facility Reporting Method	Actual Reporting Method	Patients	Vaccinations
01/27/2015	WYOMING DEPARTMENT OF HEALTH	Real Time HL7	IMMUNIZATION UNIT	Real Time HL7	Direct Data Entry	8	26

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> **Vaccinations Breakdown Report**
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>> Vaccinations Breakdown Report

> Displays the number of vaccinations administered or recorded as historical for the selected organization and date range on the selected vaccines.

> Can be used to quickly determine the doses updated by users by vaccine name for the previous month.

Selected Total: 48

Vaccine Name	Number of Vaccinations	Percent of Total Selected
Influenza Nasal Spray	1	2
PPD Negative Result	22	46
Hep A/Hep B - Adult	1	2
DTaP	1	2
PPD Test	23	48
Total	**48**	**100**

>> Data Quality Report by IRMS and Facility

> Displays counts and percentages of key data elements that are missing from the specified provider's record set. Also shows the counts and percentages for the patient inactive status and the VFC eligibility on patient and vaccinations.

> Can be used to ensure that specific fields used by a facility (i.e., phone for Reminder/Recall) are present in the patient's record.

Patient Data Quality
There are 6 patient(s) associated with this facility.

The following shows the percent and number of data elements that are missing from the patient records.

Address		
Street	0%	(0)
City	0%	(0)
State	0%	(0)
Phone	17%	(1)
Patient Middle Name	33%	(2)
Sex	0%	(0)
Social Security Number (SSN)	100%	(6)
Medicaid Number	83%	(5)
Mothers Maiden Name	33%	(2)
Guardian First Name	0%	(0)
Guardian Middle Name	50%	(3)
Guardian Last Name	17%	(1)
County	0%	(0)

The following shows the percent and number of data elements that are present in the patient records. Inactive Code

Other	17%	(1)
Moved or Gone Elsewhere	17%	(1)
Active	66%	(4)
WyVIP Eligibility		
Uninsured	17%	(1)
Ineligible	50%	(3)
Unspecified	33%	(2)

Vaccination Data Quality
There are 3 vaccination(s) associated with this facility.

The following shows the percent and number of data elements that are missing from the vaccination records.

Lot Number	0%	(0)
Manufacturer	0%	(0)
Vaccinator	100%	(3)

The following shows the percent and number of data elements that are present in the vaccination records.

WyVIP Eligibility		
Unspecified	100%	(3)

In addition to the Administrator Data Quality repots, the local data quality coordinators are encouraged to manually pull and review the following Protected Health Information Reports:

> **Patient Data Quality Detail**
> **Vaccination Data Quality Detail**

>> Patient Data Quality Detail

> Lists the individual patient names and birth dates for patients with missing data elements.

> Can be used to add and correct protected health Information contained by patient records to ensure completeness of data.   The report will display missing values from the Patient's record—be sure to focus upon the ones that have meaning to your facility (i.e., VFC Status) and ignore the ones that do not have meaning (Patient SSN).

IMMUNIZATION UNIT

Date of Birth:

MISSING VALUES:Patient Middle Name, Patient Medicaid Number, Patient Race, VFC Status, Patient SSN

>> Vaccination Data Quality Detail

> Identifies patient and vaccination records which were outside of the administration age or administered vaccinations that were given from unspecified vaccine types.

> Can be used to identify issues in the recording of administered vaccinations for further staff education.

*Denotes an orphaned vaccination record. This ID is the patient's Medical Record Number as was imported with this vaccination by the registry. There is no associated patient record in the registry and, therefore, no SIIS Patient Number has been generated.
Vaccination Date Range: 02/01/2014 through 02/28/2014

Organization (IRMS)	SIIS Patient	Patient Name	Patient DOB	Vaccine Group	Issue	Vacc Date
IMMUNIZATION UNIT						
5006				DTaP	DTaP or Ped DT administered at >= 7 years of age.	

Both the Administrator Data Quality Reports and the Protected Health Information Reports may be scheduled from the Reports Module in the WyIR:

>> STEP 1. Access the Report Module

Under the left-side panel, expand the Report menu and select **Report Module**. From this page, all Data Quality Protocol reports may be accessed.

Both the Administrator Data Quality Reports and the Protected Health Information Reports may be scheduled from the Reports Module in the WyIR:

>> STEP 2. Schedule the Administrator Data Quality Reports

1. From the Report Module, locate **Administrator Data Quality** and click the corresponding **Schedule** button.

2. From the Administrator Data Quality Report parameters page, enter the following information into the fields:

   > For **Date Range**, select **Previous Month** from the dropdown menu.

   > For **Organization (IRMS)** and **Facility**, the name of your organization and facility should be automatically populated and the corresponding radio buttons should be toggled.

   > For **Reports To Run**, check the checkboxes for **Vaccination Breakdown, Provider Submission Detail, Vaccination Data Quality,** and **Data Quality By Organization (IRMS) and Facility.**

   > For **Minute**, **:00** is defaulted.

   > For **Hour**, **7 A.M.** is defaulted.

   > For **Day of Month,** select **1** from the dropdown menu.

   > The reports should be sent to the email addresses of the WyIR Contact and Facility Contact separated by commas. Click the **Validate** button.

3. Click the **Schedule** button.

Both the Administrator Data Quality Reports and the Protected Health Information Reports may be scheduled from the Reports Module in the WyIR:

>> STEP 3. Schedule Patient Data Quality Detail Report

1. From the Report Module, locate and select **Patient Data Quality Detail.**

2. From the Patient Data Quality Detail Report parameters page, enter the following information into the fields:

    >   For **Last Update Date Range,** enter the first day of the previous month into **From** and the last day of the previous month into **Through.**

    >   For **Organization (IRMS)** and **Facility**, the name of your organization and facility should be automatically populated and the corresponding radio buttons should be toggled.

3. Click the **Create Report** button. The report should load in a new browser tab.

Both the Administrator Data Quality Reports and the Protected Health Information Reports may be scheduled from the Reports Module in the WyIR:

>> STEP 4. Schedule Vaccination Data Quality Detail Report

1. From the Report Module, locate and select **Vaccination Data Quality Detail.**

2. From the Vaccination Data Quality Detail Report parameters page, enter the following information into the fields:

   > For **Vaccination Date Range**, enter the first day of the previous month for **From** and the last day of the previous month for **Through**.

   > For **Organization (IRMS)** and **Facility,** the name of your organization and facility should be automatically populated and the corresponding radio buttons should be toggled.

   > For **Display By**, select **Vaccine** from the dropdown menu.

3. Click the **Create Report** button. The report should load in a new browser tab.

Vaccination Data Quality Detail Report

Display By

☑ Vaccination Date Range	From: 02/01/2014 Through: 02/28/2014
☐ Birth Date Range	From: _____ Through: _____
⦿ Organization (IRMS)	WYOMING DEPARTMENT OF HEALTH (5006) ▾
○ Organization (IRMS) Group	--select-- ▾
○ Do Not Limit	
⦿ Facility	IMMUNIZATION UNIT ▾
○ Facility Group	--select-- ▾
○ Do Not Limit	
☐ WyVIP Pin	--select-- ▾
☐ District / Region	_____
☐ Exclude Inactive Patients	
☑ Display By	Vaccine ▾

Cancel   Reset   Create Report

*Denotes an orphaned vaccination record. This ID is the patient's Medical Record Number as was imported with this vaccination by the registry. There is no associated patient record in the registry and, therefore, no SIIS Patient Number has been generated.
Vaccination Date Range: 02/01/2014 through 02/28/2014

Organization (IRMS)	SIIS Patient	Patient Name	Patient DOB	Vaccine Group	Issue	Vacc Date
IMMUNIZATION UNIT						
5006	▮▮▮	▮▮▮	▮▮▮	DTaP	DTaP or Ped DT administered at >= 7 years of age.	▮▮▮