

Provider Detail Error Report

What is the Provider Detail Error Report (“Warnings & Errors Report”)?

This report shows warnings and errors produced by immunization data (HL7 messages) sent from an electronic health record (EHR) system to the Washington State Immunization Information System (IIS).

The Provider Detail Error Report allows clinics to monitor the quality of their electronic data and identify issues to correct. This report looks at data sent for all ages, not just pediatric patients. It includes the message import date and issue type by medical record number, message ID and vaccination date. It is important to review this information as data that triggers Errors (E), are not accepted into the IIS and data that triggers Warnings (W) may have invalid or missing information.

Who Receives this Report?

- Organizations that send HL7 messages to the IIS through Public Health Connection Hub (PHC-Hub) have access to this report. PHC-Hub evaluates HL7 messages to ensure they are complete and correctly formatted. PHC-Hub processes HL7 messages before the data shows up on patient records in the IIS. This report is provided during the testing phase of the EHR/IIS interface onboarding process and after the interface goes live.
- The Provider Detail Error Report runs on a recurring basis (e.g. daily) and is emailed to designated contacts in each organization. To request changes to this report, please email IISDataExchange@doh.wa.gov.

How to Read the Report

The first section shows the report parameters

In this example, the report covers data:

- **Submitted between:** March 4 – 11, 2014
- **By the:** Ped4U facility
- **Includes:** Warnings and Errors

Report Criteria			
• Start Date:	March 4, 2014		
• End Date:	March 11, 2014		
• Facilities:	Ped4U		
• Display:	Warnings and Errors		

The next section shows a summary of the report results

- **Provider:** The ID of the organization that sent the data
- **Representative Facility ID:** The ID of the facility that sent the data
- **User:** HL7 account name that sent the data from the organization’s EHR
- **Profile:** PHC-Hub Import Profile ID
- **# Messages:** Total number of messages received during the selected date range
- **# Unique MRN:** Number of messages received for unique patients during the selected date range
- **# Errors:** Number of messages that produced errors and were not accepted by the IIS
- **# Warnings:** Number of messages that produced warnings only
 - If a message produces both an error and a warning, it is only counted as an error

Provider	Representative Facility ID	User	Profile	# Messages	# unique MRN	# Errors	# Warnings
14629	Ped4U	PHC_ASU	175	1	1	1	0

The next section shows message level issues and issues with demographic data

- **Issue:** Description of the error or warning
- **Error/Warning:**
 - **E = Error-** Data is not accepted into the IIS and will not display on patient records
 - **W = Warning-** The IIS accepts the data, but data may be missing or invalid
- **Date Sent:** Date the message was received by the IIS
- **MRN:** The medical record number (chart number) for the patient. This is the MRN sent by the organization’s EHR.
- **Import Log ID:** Unique identifier assigned to each message by PHC-Hub
- **Message Control ID:** The ID assigned to the HL7 message by the organization sending the data

Message level issues									
Provider	Representative Facility ID	User	Profile	Issue	Error / Warn	Date Sent	MRN	Import Log ID	Message Control ID
14629	Ped4U	PHC_ASU	175	HL7 ISSUE	W	Mar 10, 2014 2:45:43 PM	FF0001	3484	20100723094848
14629	Ped4U	PHC_ASU	175	guardian address street2 missing	W	Mar 10, 2014 2:45:43 PM	FF0001	3484	20100723094848
14629	Ped4U	PHC_ASU	175	guardian name middle missing	W	Mar 10, 2014 2:45:43 PM	FF0001	3484	20100723094848



Tip: For more information on required fields, view the [HL7 Project Guide](#).

The final section shows issues with vaccination data

Most of the columns are the same as described above for message level issues with a few additions.

- **Vaccination Date:** The date the vaccine was administered
- **Vaccine Family:** The type of vaccine administered

MRN	Import Log ID	Message Control ID	Vaccination Date	Vaccine Family
FF0001	3484	20100723094848	07/23/2010	HepA
FF0001	3484	20100723094848	07/23/2010	HepA



Tip: The issues that trigger errors and warnings may also result in inventory decrementing issues for clinics who manage vaccine inventory in the IIS. See the appendix below for errors and warnings related to patient and vaccination data.

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Issues that Trigger Errors (E) Errors cause data to be rejected by the IIS, so any error can lead to inventory decrementing issues	Descriptions and Resolutions
Processing error prevented the completion of this request: Unable to save vaccination info: IRMS sys-pat ID combo blocked. Patient deleted from Registry	This error means the patient was adopted or opted out of the registry. Please email IISDataExchange@doh.wa.gov if you receive this error.
Patient gender is missing	All patients must have a gender indicated.
Patient gender is invalid or unrecognized	The only valid gender codes are M (male), F (female), and UN (unknown/undifferentiated).
Patient first name or last name are invalid	Name fields can only contain the characters: A-Z, a-z, single quote, dash, period and space. Cannot be a bogus name (e.g. Unknown or Test). Names must be 48 characters or less.
Patient address street, city, state, or zip code are missing or invalid	All patient addresses must include a street or a PO Box number, a city, a state abbreviation, and a zip code. Zip code must be numeric and at least 5 characters in length.
Vaccination date is invalid	Dates must be formatted as YYYYMMDD. Any other format is considered invalid.
Vaccination date is after the patient's death date	The date of administration cannot be after the patient's date of death.
Vaccination date is before the patient's date of birth	The date of administration cannot be before the patient was born.
Vaccination CPT code is invalid or unrecognized	If CPT codes are submitted, all administered vaccines must include an active code. Inactive CPT codes are only valid for historical immunization records.
Vaccination CVX code is missing, invalid or unrecognized	All administered vaccines must include an active CVX code indicating which type of vaccine was given. Inactive CVX codes are only valid for historical immunization records. Resource: IIS Codes Guide
Vaccination CVX and CPT codes are inconsistent	The CVX and CPT codes must be from the same vaccine group established by the CDC.
Vaccination facility ID is missing or exceeds character limit	All immunization records must include the facility ID of the clinic that documented the vaccine. The facility ID must be active and must be 25 characters or less. Inactive facility ID's are only valid for historical immunization records.
Next of kin first name or last name are invalid	Name fields can only contain A-Z, a-z, single quote, dash, period and space. Cannot be a bogus name (e.g. Unknown or Test).

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Issues that Trigger <u>Warnings (W)</u> ** Indicates a warning that can cause inventory decrementing issues	Descriptions and Resolutions
Eligible for VFC but no guardian was submitted	All patients younger than 19 must have a guardian listed.
Patient address street is invalid	Address field cannot contain “anywhere, nowhere, address, address 1 or address 2.”
Patient address street2 is unwanted	Patient’s street address should be entered on one line (e.g. 123 Apple Street Apt A should all be on one line. The “Apt A” piece of the address should not be included on a second line).
Patient address county/state is invalid or unrecognized	Only active county codes and state abbreviations are considered valid. The state abbreviation must be the 2-letter United States Postal Service code.
Patient multiple birth indicator is unrecognized	The only valid entries are (Y) Yes and (N) No to indicate whether the patient was born as a multiple birth (e.g. twin).
Vaccination date is after the lot expiration date	The date of administration cannot be after the date the vaccine lot expires.
Patient birth order and birth indicator are inconsistent	These values are considered inconsistent if the multiple birth indicator is documented as no and a birth order greater than 1 is documented.
Patient SSN is unwanted	Do not enter social security numbers. SSN’s are not accepted by the IIS.
Patient phone number is missing or invalid	All patients must have a primary contact phone number that is properly formatted (must be 7 or 10 characters).
Patient primary facility ID is invalid or unrecognized	Only active facility IDs are valid. The facility ID will be considered unrecognized if it does not match one of the sending organization’s active facility IDs.
Patient race is missing, invalid, or unrecognized	All patients must have a race indicated unless they decline. Only active race codes are considered valid.
Patient immunization registry status is missing	All patients must have a valid patient status code (e.g. active, inactive, and deceased).
Patient VFC status is invalid or unrecognized	If a VFC status is included in the patient demographics (PV1-20.1), it must be an active code. To comply with HL7 v2.5.1, the VFC status should be sent in a different part of the HL7 message (OBX-5). See the Vaccination VFC Status section on the next page for more information.
Vaccination administered units are missing	All new immunization records must contain a unit of measurement (e.g. mL).
Vaccination NDC code is invalid or unrecognized	If an NDC code is included, it must be correctly formatted, and match an active NDC code in the IIS. Resource: IIS Codes Guide

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Issues that Trigger <u>Warnings (W)</u> ** Indicates a warning that can cause inventory decrementing issues	Descriptions and Resolutions
Vaccination completion status is missing or unrecognized	All vaccinations must include a valid completion status code . Completion status indicates if the vaccination was successfully administered to the patient.
Vaccination completion status is inconsistent with refusal reason	The completion status must be consistent with the patient refusal reason documented in RXA-18 (e.g. if a refusal is documented, the completion status should = RE for refused).
**Vaccination facility ID is unrecognized	All administered vaccines must include an active facility ID. The facility ID will be considered unrecognized if it does not match any of the sending organization's active facility IDs.
Vaccination information source is missing	All immunization records must indicate if the vaccine is new or historical.
**Vaccination lot is missing, invalid or unrecognized	All administered vaccines must include a lot number. The lot number must match an active lot number in the documenting facility's IIS inventory. Inactive lot numbers are only valid for historical immunizations.
**Vaccination lot does not match manufacturer code	The manufacturer (MVX) code submitted must match the manufacturer listed for the lot in the facility's IIS inventory. Resource: IIS Codes Guide
Vaccination lot does not match expiration date	The expiration date submitted must match the expiration date listed for the lot in the facility's IIS inventory.
Vaccination lot expiration date is missing or invalid	All administered vaccines must include an expiration date formatted as YYYYMMDD.
**Vaccination manufacturer is missing, invalid or unrecognized	All administered vaccines must contain an active manufacturer (MVX) code . Inactive MVX codes are only valid for historical immunization records.
**Vaccination VFC status is missing, invalid or unrecognized	All administered vaccines must include VFC eligibility status (e.g. Medicaid, insured) of the patient at the time of vaccination. Only active VFC codes are valid. Resource: Eligibility Codes Guide
Vaccination funding source is missing, invalid, unrecognized, or VFC eligibility code and funding source are inconsistent	All new immunization records must include a valid funding source code for VFC eligible patients. The funding source must also be consistent with the VFC eligibility status. Resource: Eligibility Codes Guide
Vaccination entering organization is missing	All administered and historical vaccinations must include the facility ID that documented the vaccine. This must be an active facility ID that matches RXA-11.4.

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Vaccination route is missing, invalid or unrecognized	All administered vaccines must contain an active vaccination route code (e.g. IM for intramuscular).
Vaccination anatomical site is missing, invalid or unrecognized	All administered vaccines must contain an active vaccination site code (e.g. LT for left thigh); except for vaccines given through the mouth or nose as there are no specific codes for those administration sites.
Deferral substance refusal reason is unrecognized	If a patient refusal reason is documented, it must be a valid code (e.g. 00 for parent refusal).
Deferral substance refusal date is missing or invalid	If a patient refusal reason is documented, a refusal date must be documented in the proper format YYYYMMDD.
Deferral substance refusal date is after the lot expiration date	The documented refusal date is after the lot expiration date.
Deferral substance refusal date was more than 30 days ago	The documented refusal date is more than 30 days ago.
Deferral substance refusal date is after the patient's death date	The documented refusal date is after the patient's date of death.
Next of kin first or last name are missing	All patients younger than 19 must have a guardian first & last name documented.
Next of kin relationship is missing, invalid or unrecognized	All patients younger than 19 must have a valid code indicating the guardian's relationship to the patient (e.g. MTH for mother) documented.
Next of Kin/Guardian SSN is unwanted	Do not submit social security numbers. SSN's are not accepted by the IIS.
Contraindication concept code is missing, invalid or unrecognized	If a contraindication is documented, it must include a valid concept code that describes the type of vaccine contraindication.
Contraindication observation date is missing or invalid	All contraindications must include an observation date formatted as YYYYMMDD.
Contraindication observation date is in the future	The contraindication date cannot be after the system entry date (i.e. cannot be a future date).
Contraindication observation date is before the patient's date of birth	The observation date cannot be before the patient was born.
Contraindication effective date is missing or invalid	All contraindications must include the effective date formatted as YYYYMMDD.
Contraindication effective date is before the patient's date of birth	The effective date cannot be before the patient was born.
Contraindication expiration date is missing or invalid	All contraindications must include the date of expiration formatted as YYYYMMDD.
Contraindication expiration date is before the patient's date of birth	The expiration date cannot be before the patient was born.



Questions? Contact the IIS Help Desk at 1-800-325-5599 or WAISHelpDesk@doh.wa.gov