Texas Immunization Registry

Health Level Seven Error Guide for Electronic Exchange

HL7 Version 2.5.1

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Contents

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Objectives

This document assists organizations and electronic health records (EHR) vendors to:

- Understand the analysis performed on Health Level Seven (HL7) data

- Understand the HL7 errors identified by the Texas Immunization Registry

- Identify data quality assurance (DQA) issues

- Identify the solution to an HL7 error

File Processing Overview

When an organization submits patient and immunization data to the Texas Immunization Registry through electronic data exchange the data undergoes strict analysis. This analysis identifies data quality issues (also known as errors) that require the organization to address and resolve.

The analysis may result in various types of errors such as rejection or informational errors. This guide lists and defines the error messages generated during HL7 file processing.

Each error contains information on the associated acknowledgement code, explanation of the error and how to fix the error to resolve the data quality issues.

Organizational Types

The registry identifies reporting entities (facilities/sites) as either parent or stand-alone organizations. These organizational types identify how sites are setup within the registry and how data from these sites is transmitted to the registry.

A parent organization is a multi-site organization containing one main headquarters or site that reports for itself along with all sites within its organization. The sites within the parent organization are referred to as child or sub sites. This is known as a parent-child organizational relationship.

A stand-alone organization is one main headquarters or site that reports for itself.

System Notifications Defined

When reporting via a bidirectional data exchange (web services), the registry does provide system notifications to inform organizations of the system not being available due to maintenance or when the organization is submitting data that is not allowed.

System notifications are identified as SYS-### in this guide.

Error Categories

The registry identifies file, message, client and immunization related errors. The errors are categorized in the following categories:

- File rejection

- Message rejection

- Client rejection

- Immunization rejection

- Informational error or warning

Rejection errors identify areas that are required to ensure the information reported is imported to the registry. Rejection errors prevent data from being imported to the registry.

Each error category is assigned an unique numerical identifier. The error categories are described below.

File Rejection (FIR) Errors Defined

The file is checked to see if it meets the required:

- File name validation/convention

- File extension validation

- File size is greater than 0 (zero) byte size validation

- File size is less than 50 MB

- Header segment/tags such as File Header Segment (FHS) and Batch Header Segment (BHS)

- Trailer segment/tags such as File Trailer Segment (FTS) and Batch Trailer Segment (BTS)

The entire file is rejected and not processed if not all of these requirements are met.

Message Rejection (MER) Errors Defined

Message rejections are error messages indicating that an entire message or record was rejected. **Message rejections can be due to:**

- Invalid or unsupported message type

- Invalid or unsupported processing identification (ID)

- Invalid or unsupported event code

- Invalid or unsupported values in required fields

- Required segment group is missing or empty

Client Rejection (CLR) Errors Defined

Client rejections are error messages indicating that the patient demographics were missing, incorrectly formatted or the patient was not found within the registry (patient has not consented to have immunization data stored in the registry). Due to state legislation, immunization data cannot be stored in the registry unless an individual has given proper written consent (ImmTrac2 consent form) to the Texas Immunization Registry.

Client rejections can be due to:

- Invalid or missing patient identifier type

- Invalid registry consent (affirmation) type

- Invalid or missing registry consent (affirmation) date

- Invalid or missing patient first/last name

- Invalid or missing date of birth

Immunization Rejection (IMR) Errors Defined

Immunization rejections are error messages indicating that required information related to the vaccine are incorrect or missing. **Immunization rejections can be due to:**

- Invalid immunization date

- Invalid or missing provider's information

- Invalid or missing organization ID

- Invalid administer amount

- Invalid Texas Vaccine For Children (TVFC) status

Informational Errors (IEE) or Warnings Defined

Informational errors or warnings identify areas that need to be updated or corrected to improve data quality. These are informational and do not always result in messages or files being rejected (i.e. imported to the registry). There are some informational errors that result in messages or data being rejected.

Informational Errors can be due to:

- Questionable matches

- Invalid or missing values

- Invalid patient information (i.e. name, SSN, Identifier)

- Invalid or missing segment

- Invalid birth order

Acknowledgement Codes

The registry produces and returns an acknowledgement code (ACK) to data exchange partners to identify the status of the data sent to the registry. The ACK codes include:

- Application Accept

- Application Error

- Application Reject

Application Accept (AA) Defined

Identifies the message was accepted by the registry. AA may be returned with informational errors but do not prevent the data from being accepted. AA may require a follow up action by data exchange partners but usually does not.

Application Error (AE) Defined

Identifies the message was processed by the registry and errors were identified. Messages with AE are not accepted by the registry. Action is required by data exchange partners to identify and address the errors.

Application Reject (AR) Defined

Identifies the message was rejected by the registry. The registry was unable to process the message for reasons related to format or content. Action is required by data exchange partners to identify and address the rejection.

Using This Guide

This guide provides an explanation of the errors produced by the registry. Each error contains the following information to assist data exchange partners with understanding and resolving the error:

- Message

- ACK Code

- Explanation

- How to Fix

Note: Some errors contain real-case examples of the errors experienced and the correction for the error.

To use this guide, follow the steps below:

1. Locate the error(s) returned to you by the registry and look for the error category and unique identifier. For example, CLR-100.

2. Locate the specific error in this guide. Use CTRL + F buttons to look up the error in this guide.

3. Once located, read the **Message**, **ACK Code**, **Explanation** of the error and the information on **How to Fix** the error.

4. Make the necessary corrections to the data in your electronic medical or health records system. Some corrections can be made by you at the clinical level while others can only be made by your electronic health records (EHR) vendor. Reference the **Texas Immunization Registry HL7 2.5.1 Implementation Guide** for more information.

Once corrected, resubmit the data to the registry.

Repeat these steps for any error identified.

Resources

Visit the Texas Department of State Health Services Texas Immunization Registry page, the **Forms and Documents** page, and the **User Training page** for:

- Training Videos

- Webinars

- HL7 Implementation Guide

- Guides on registry consent

- Data Exchange Account Setup Trainings and Information

- Data Quality Resources

- Promoting Interoperability Resources

Registry Contact Information

For more information and support related to data exchange or this guide, please contact the Texas Immunization Registry's Interoperability Team.

- Email: ImmTracMU@dshs.texas.gov
- Phone: 800-348-9158 (option 3)
- Website: **https://www.dshs.texas.gov/immunize/immtrac/**

For specific assistance related to the information or errors in this guide, specify that your assistance is related to "HL7 Errors".

SYS: System Notifications

SYS-100

Message: SYS-100:: Error: Internal IR error while processing this job.

Explanation: This notification only appears for bidirectional data exchange submitters, not for FTP submitters. When the registry has scheduled maintenance or unplanned downtime, this notification will generate to inform organizations that web services are unavailable. Generally, the registry performs scheduled maintenance on Fridays from 7pm to 9pm.

How to Fix: If the notification appears during a scheduled maintenance window, then organizations should continue business as normal and report all data once the maintenance window is over. If the notification appears outside of a scheduled maintenance window, then organizations should contact the registry's Interoperability Team to report the notifications they are seeing or experiencing.

SYS-101

Message: SYS-101:: There are more than 1 VXU message in this submission. Please only submit 1 VXU message per submission.

Explanation: This notification only appears for bidirectional data exchange submitters, not for FTP submitters. When submitting via web services, only one hl7 message can be submitted at once in the web service envelope. This notification informs organizations that they are reporting more than one hl7 message (i.e., bulk submissions), which is not allowed.

How to Fix: Work with internal IT or EHR vendor to ensure only one hl7 message is submitted in the web service envelope.

FIR: File Rejection Errors

FIR-100

Message: fir-100::File Rejected. BHS segment is missing.

ACK Code: AR

Explanation: The Batch Header Segment (BHS) is missing from the file.

How to Fix: Enter the missing BHS information.

FIR-101

Message: fir-101::File Rejected. BHS segment was present, but BTS segment is missing.

ACK Code: AR

Explanation: The Batch Header Segment (BHS) was present, but the Batch Trailer Segment (BTS) is missing from the file.

How to Fix: Enter the missing BTS information.

FIR-102

Message: fir-102::File Rejected. FHS segment is missing.

ACK Code: AR

Explanation: The File Header Segment (FHS) is missing from the file.

How to Fix: Enter the missing FHS information.

FIR-103

Message: fir-103::File Rejected. Required field <Field> missing in FHS segment.

ACK Code: AR

Explanation: A required field is missing in the File Header Segment (FHS) of the file. The system indicates which specific field is missing by populating it in the <Field> section of the error message.

How to Fix: Enter all the required fields within the FHS.

FIR-104

Message: fir-104::File Rejected. FHS segment was present, but FTS segment is missing.

ACK Code: AR

Explanation: The File Header Segment (FHS) was present, but the File Trailer Segment (FTS) is missing from the file.

How to Fix: Enter the missing FTS information.

FIR-105

Message: fir-105::File Rejected. No MSH segments found in file.

ACK Code: AR

Explanation: The required MSH segment is missing from the file.

How to Fix: Contact your EHR vendor to include the missing MSH segment.

FIR-106

Message: fir-106::File Rejected. Import Code from filename not found in ImmTrac2.

ACK Code: AR

Explanation: The file submitted contains an invalid file naming convention. Parent and stand-alone organizations are assigned a unique import code that is required in the file naming convention for files.

How to Fix: Use your assigned ImportCode and follow the required file naming convention of *ImportCodeYYDDD.HL7* for immunization hl7 files and *Affirm.ImportCodeYYDDD.imp* for affirmation of registry consent files*.* The ImportCode is assigned by the registry to the organization, YY is the two-digit year and DDD is the three-digit Julian Date (the numbered day of the year; e.g. 001 for January 1st and 365 for December 31st).

FIR-107

Message: fir-107::File rejected. Submitting org is not configured to send Submitter files.

ACK Code: AR

Explanation: The file submitted is a non-HL7 file and the organization is not set up in our systems to submit non-HL7 files.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 Errors. Contact your EHR vendor to confirm HL7 files are being sent.

FIR-108

Message: fir-108::File Rejected. Malformed incoming HL7 message.

ACK Code: AR

Explanation: The format of the file is invalid and does not meet the state and national HL7 messaging requirements. In VXU messages, this error can be caused by invalid encoding characters in MSH2.

How to Fix: Format the HL7 file/message to state and national HL7 messaging requirements. Please work with your EHR vendor or IT support to correct this error.

FIR-110

Message: fir-110::File Rejected. A valid Import Code is required.

ACK Code: AR

Explanation: The file name is missing the import code or has the incorrect import code that is assigned to the organization.

How to Fix: Use your assigned Import Code and follow the required file naming convention of *ImportCodeYYDDD.HL7*.

FIR-111

Message: fir-111::File Rejected. MSH message control id must be unique. (<Control>).

ACK Code: AE

Explanation: The message control ID is an identifier set by the sending application that uniquely identifies a message. Each MSH requires a unique message control ID in MSH-10.

How to Fix: Use a unique identifying ID number in MSH-10 for each MSH segment.

MER: Message Rejection Errors

MER-100

Message: MER-100::Message Rejected. <Segment> must follow a <PreReq> segment.

ACK Code: AE

Global Explanation: Identifies required segments that are missing or in the wrong order in the HL7 structure. The specific segment missing or in the wrong order is identified in the <Segment> section of the error message and the segment that it should follow is identified in the <PreReq> section of the error message. This error appears in various situations. Below are the most common errors identified by the system.

Message: MER-100::Message Rejected. RXA segment must follow an ORC segment.

Explanation #1: RXA segment(s) are present in the data but ORC segment(s) are missing. An ORC segment must be sent before the RXA segment. Every RXA segment requires an ORC segment.

How to Fix #1: Contact your EHR Vendor to resolve the missing ORC segment(s).

Message: MER-100::Message Rejected. PV1 segment must follow an NK1 segment.

Explanation #2: Both PV1 and NK1 segments are present in the data but in the wrong order. The NK1 segment comes before the PV1 segment.

How to Fix #2: Contact your EHR Vendor to resolve the improper sequencing of the segments.

MER-101

Message: MER-101::Message Rejected. <Segment> segment specified for <Message> message.

ACK Code: AE

Explanation: The message includes segments that correspond with a different type of messages (e.g. a QPD segment in a VXU message).

How to Fix: Contact your EHR Vendor to add the correct segments to the message.

MER-102

Message: MER-102::Message Rejected. Message must have one <Segment> segment.

ACK Code: AE

Explanation: The message is missing a required segment. The system indicates which specific segment is missing by populating it in the <Segment> section of the error message.

How to Fix: Enter all the required segments.

MER-103

Message: MER-103::Message Rejected. Only one <Segment> allowed per message.

ACK Code: AE

Explanation: The message has a repetition of a segment where only one instance is allowed. The system indicates which specific segment is repeated by populating it in the <Segment> section of the error message.

How to Fix: Ensure the indicated segment does not repeat in a single message.

MER-104

Message: MER-104::Message Rejected. Required field <FIELD> missing.

ACK Code: AE

Explanation: The message is missing a required field. The system indicates which specific field is missing by populating it in the <Field> section of the error message.

How to Fix: Enter all the data in the required fields.

MER-105

Message: MER-105::Message Rejected. Required field <Field> missing.

ACK Code: AE

Explanation: The message is missing a required field. The system indicates which specific field is missing by populating it in the <Field> section of the error message. Some examples that may result in this error are: PID-7, PID-3, MSH-4, etc.

How to Fix: Enter all the data in the required fields.

MER-106

Message: MER-106::Message Rejected. Unsupported HL7 version or trigger.

ACK Code: AR

Explanation: The value entered in MSH-12 is empty or invalid. MSH-12 indicates the HL7 version of the data sent to the registry and if left empty or if using an unacceptable HL7 version the message is not processed.

How to Fix: Upgrade your EHR systems to an acceptable HL7 version of 2.3.1, 2.4 or 2.5.1 and populate the HL7 version in MSH-12.

MER-107

Message: MER-107::Message Rejected. Invalid encoding characters.

ACK Code: AE

Explanation: MSH-2 contains invalid encoding characters outside the acceptable values of ^~\&.

How to Fix: Use the required and acceptable encoding characters ^~\& in MSH-2.

MER-110

Message: MER-110::Message Rejected. MSH-22 value invalid.

ACK Code: AE

Explanation: The HL7 message submitted contained a value in MSH-22 that is not a valid TX IIS ID or does not match the TX IIS ID in RXA 11.4. If submitting via a bidirectional data exchange (web services) interface or when reporting an affirmation of registry consent via PD1-12, MSH-22 must be the TX IIS ID of the organization submitting the immunization, query or affirmation of registry consent.

How to Fix: Work with your EHR vendor or IT support to correct this error. Use the TX IIS ID for the specific organization submitting the immunization, query or affirmation of registry consent in MSH-22. If the organization is a parent organization, use the TX IIS ID of the specific site (parent or child) submitting the data. If the organization is a stand-alone organization, use the TX IIS ID of the stand-alone organization.

MER-111

Message: MER-111:: Message Rejected. MSH-22 value missing.

ACK Code: AE

Explanation: The message was submitted with an empty MSH-22 field.

How to Fix: Work with your EHR vendor or IT support to make sure MSH-22 is populated with the TX IIS ID of the organization that administered the vaccine. This should match the TX IIS ID used in RXA 11.4.

MER-200

Message: MER-200:: Message rejected. The Accept Acknowledgement Type value is missing in MSH-15.

ACK Code: AE

Explanation: The message was submitted with an empty MSH-15 field.

How to Fix: Work with your EHR vendor or IT support to make sure MSH-22 is populated with an Accept Acknowledgement type. Refer to HL7 Table 0155 in the **HL7 2.5.1 Implementation Guide** - Accept/application acknowledgment conditions for valid values.

MER-201

Message: MER-201::Message rejected. The Application Acknowledgement Type value is missing in MSH-16.

ACK Code: AE**Explanation:** The message was submitted with an empty MSH-16 field.

How to Fix: Work with your EHR vendor or IT support to make sure MSH-22 is populated with an Application Acknowledgement type. Refer to HL7 Table 0155 in the **HL7 2.5.1 Implementation Guide** - Accept/application acknowledgment conditions for valid values.

MER-400

Message: MER-400::Message Rejected. The provider organization that initiated this data exchange is not identified as a parent or vendor of the organization that it labeled as the sending provider organization for this record.

ACK Code: AE

Explanation #1: MSH-4 contains a TX IIS ID that is not the parent or stand-alone organization for the data exchange account being used to report to the registry. If internal changes were made to your organization that impact which site or facility is the parent organization, please contact The Texas Immunization Registry for support.

How to Fix #1: Use the TX IIS ID in MSH-4 for the parent or stand-alone organization associated to the data exchange account being used.

Explanation #2: RXA-11.4 contains a TX IIS ID that is not associated to the parent or stand-alone organization for the data exchange account being used to report to the registry. If internal changes were made to your organization that impact which sites or facilities are included in the parent organization, please contact the Texas Immunization Registry for support.

How to Fix #2: Use the TX IIS ID in MSH-4 for the parent or stand-alone organization associated to the data exchange account being used.

MER-401

Message: MER-401::Message Rejected. Sending organization not recognized.

ACK Code: AE

Explanation: MSH-4 contains a value that is not a valid TX IIS ID for the parent or stand-alone organization.

How to Fix: Use the TX IIS ID for the parent or stand-alone organization in MSH-4. Work with your EHR Vendor or IT Support to correct this error.

MER-402

Message: MER-402::Message Rejected. The initiating and owning providers do not have a relationship in the IR.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

MER-403

Message: MER-403::Message Rejected. The "Sending Facility" in MSH-4 is a child organization; it should instead be the parent organization.

ACK Code: AE

Explanation: MSH-4 contains a TX IIS ID for a child or sub site. The system validates that MSH-4 contains a TX IIS ID of a parent or stand-alone organization.

How to Fix: Use the TX IIS ID of the parent or stand-alone organization. If the TX IIS ID is not known, contact the registry for assistance.

MER-404

Message: MER-404::Message Rejected. Invalid processing ID. Must be "P".

ACK Code: AR

Explanation: MSH-11 contains an invalid value. MSH-11 identifies the processing ID for the data sent to the registry.

How to Fix: Use the value "P" in MSH-11.

MER-405

Message: MER-405::Message Rejected. The administering organization in RXA-11.4 is not recognized.

ACK Code: AE

Explanation: The TX IIS ID in RXA-11.4 is incorrect. RXA-11.4 identifies the administering organization and must contain the TX IIS ID of the site that administered the vaccination reported. RXA-11.4 is only required when RXA-9 is identified as a new immunization.

How to Fix: Use the TX IIS ID for the site that administered the vaccination in RXA-11.4. If the organization is a part of a parent-child hierarchy, use the TX IIS ID of the specific site (parent or child) that administered the vaccination. If the organization is a stand-alone organization, use the TX IIS ID of the stand-alone organization.

MER-406

Message: MER-406::Message Rejected: The administering organization in RXA-11.4 is not the same as the "Sending Responsible Organization" in MSH-22.

ACK Code: AE

Explanation: RXA-11.4 identifies the administering organization and must contain the TX IIS ID of the site that administered the vaccination reported. MSH-22 must contain the TX IIS ID for the sending responsible organization. Both MSH-22 and RXA-11.4 must contain the same TX IIS ID when RXA-11.4 is populated.

How to Fix: Use the same TX IIS ID in MSH-22 and RXA-11.4.

MER-500

Message: MER-500::Message Rejected. <firstName> is not a valid first name.

ACK Code: AE

Explanation: The first name of the patient contains an invalid value of a number, special character or a placeholder name (e.g. "Baby").

How to Fix: Use the patient's legal first name and ensure that it does not contain any numbers, special characters or placeholder names.

MER-504

Message: MER-504::Message Rejected. The incoming birth date would cause existing immunization to appear to be before birth.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Confirm that the patient's birth date and immunization administration date listed in the message are correct. Contact the Texas Immunization Registry for further assistance.

MER-505

Message: MER-505::Message Rejected. The incoming death date would cause existing immunizations to appear to be after death.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Confirm that the patient's death date and immunization administration date listed in the message are correct. Contact the Texas Immunization Registry for further assistance.

MER-506

Message: MER-506::Record rejected. The incoming death date would cause existing immunizations to appear to be after death.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Confirm that the patient's death date and immunization administration date listed in the message are correct. Contact the Texas Immunization Registry for further assistance.

MER-700

Message: MER-700::Message Rejected. Query ID is a required field.

ACK Code: AE

Explanation: The query did not contain a unique query identification number or query tag value in QPD-2, which is a required field.

How to Fix: Use a unique query ID number or tag in QPD-2.

Example: `QPD|Z34^Request Immunization History^CDCPHINVS|`**`37374859`**`|F63A3444^^^AIRA^MR|Mouse^Minnie^M^^^^L|`

MER-701

Message: MER-701::Message Rejected. Quantity Limited Request is a required field.

ACK Code: AE

Explanation: The RCP-2 field is empty. The value listed in RCP-2 indicates the number of client records to return back.

How to Fix: Populate RCP-2 with a value between 1-10. The registry can only return up to 10 records.

MER-702

Message: MER-702::Message Rejected. Invalid query quantity.

ACK Code: AE

Explanation: The value listed in RCP-2 indicates the number of client records to return back. RCP-2 is a required value and cannot be blank.

How to Fix: Populate RCP-2 with a value between 1-10. The registry can only return up to 10 records.

MER-703

Message: MER-703::Message Rejected. Invalid query units.

ACK Code: AE

Explanation: The value listed in RCP-2.2 indicates what type of data is returned. The only acceptable value for RCP-2.2 is the value of "RD" for records.

How to Fix: Populate RCP-2.2 with the value "RD".

MER-704

Message: MER-704::Message Rejected. Last name required for who subject filter.

ACK Code: AE

Explanation: The required information of the patient's last name found in QPD-4 is missing from the query record request.

How to Fix: Populate the 1st component of QPD-4 with a valid last name.

MER-705

Message: MER-705::Message Rejected. first name required for who subject filter.

ACK Code: AE

Explanation: The required information of the patient's first name found in QPD-4 is missing from the query record request.

How to Fix: Populate the 2nd component of QPD-4 with a valid patient's first name

MER-706

Message: MER-706::Message Rejected. Date of birth is a required field.

ACK Code: AE

Explanation: QPD-6 is used to identify a patient's date of birth. This required information is missing from the query.

How to Fix: Populate QPD-6 with the the patient's date of birth.

MER-707

Message: MER-707::Message Rejected. Invalid date of birth format.

ACK Code: AE

Explanation: QPD-6 is used to identify a patient's date of birth. This required information must be sent in the YYYYMMDD format.

How to Fix: Populate QPD-6 with the patient's date of birth in the indicated format.

Example: `QPD|Z34^Request Immunization History^CDCPHINVS|37374859|F63A3444^^^AIRA^MR|MOUSE^MINNIE||20230101`

MER-900

Message: MER-900::Message Rejected. A Segment cannot appear with an I Segment in record.

ACK Code: AE

Explanation: When sending a patient's registry consent information via webservices using the affirmation of registry consent flat file standards, the system validates that the affirmation of registry consent information is formatted correctly. This error identifies that the information contains an "I" (immunization) segment which cannot be sent along with the "A" (affirmation) segment. The affirmation data is not processed and is rejected. The patient is not added as a registry client.

How to Fix: Remove the immunization segment from your file format.

MER-901

Message: MER-901::Message Rejected. A C Segment is not present in record.

ACK Code: AE

Explanation: When sending a patient's registry consent information via web services using the affirmation of registry consent flat file standards, the system validates that the affirmation of registry consent information is formatted correctly. This error identifies that the information does not contain a "C" (client) segment. The affirmation data is not processed and is rejected. The patient is not added as a registry client.

How to Fix: Review the format or mechanism that is gathering all the information to ensure that a client segment is sent. Read the "The Texas Immunization Registry: Electronic Standards for Affirmation of Registry Consent" document for more information on sending affirmation of consent flat files.

MER-902

Message: MER-902::Record rejected. A P Segment is not present in the record.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

MER-903

Message: MER-903::Record Rejected. A TR Segment is not present in the record.

ACK Code: AE

Explanation: When sending a patient's registry consent information via webservices using the affirmation of registry consent flat file standards, the system validates that the affirmation of registry consent information is formatted correctly. This error identifies that the information does not contain a "TR" (Terminating Record) segment. The affirmation data is not processed and is rejected. The patient is not added as a registry client.

How to Fix: Review the format or mechanism that is gathering all the information to ensure that a TR segment is sent. Read the "The Texas Immunization Registry: Electronic Standards for Affirmation of Registry Consent" document for more information on sending affirmation of consent flat files.

MER-904

Message: MER-904::Record Rejected. Line contains segment with invalid length.

ACK Code: AE

Explanation: When sending a patient's registry consent information via webservices using the affirmation of registry consent flat file standards, the system validates that the affirmation of registry consent information is formatted correctly. This error identifies that the information is not formatted correctly due to more characters allowed. The affirmation data is not processed and is rejected. The patient is not added as a registry client.

How to Fix: Review the format or mechanism that is gathering all the information to ensure that the file is formatted correctly. Read the "The Texas Immunization Registry: Electronic Standards for Affirmation of Registry Consent" document for more information on sending affirmation of consent flat files.

MER-905

Message: MER-905::Message rejected. The SQ segment is not present in the record.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

CLR: Client Rejection Errors

CLR-100

Message: CLR-100::Client Rejected. No existing consent on file.

ACK Code: AE

Explanation: Identifies that the individual is not in the registry as a registry client. No data is stored in the registry

How to Fix: Educate the patient about the benefits of the registry and offer them the ImmTrac2 consent form that corresponds with the given immunization. The appropriate consent forms can be found on the **Forms and Documents page** of ImmTrac2's DSHS website. If the patient consents, add them to the registry via manual entry or electronic data exchange.

Please refer to the "**Affirmation of Registry Consent via Heath Level Seven**" and "**Electronic Standards for Affirmation of Registry Consent**" documents on **the Forms and Documents page** for more information on sending affirmation of consent via data exchange. See the Resources section on p. 17 of this guide for information on consent and trainings.

The registry recommends collecting both standard registry consent (adult or minor) and disaster consent for clients, which allows the registry to store any immunization reported for the client.

This error may also result from an inaccurate patient match. Please verify address and phone number matches the patient's current record in ImmTrac2 by conducting a Smart Search in the ImmTrac2 user interface. If the patient's record requires updating, update the information in the ImmTrac2 UI, then re-send the vaccine update message.

CLR-101

Message: CLR-101::Client Rejected. Consent flag not valid for client age.

ACK Code: AE

Explanation: The registry consent type indicated for the patient is invalid based on the patient's age and is a unique value set used by the Texas Immunization Registry. For more information on the registry consent types and how to send this information, contact the Texas Immunization Registry.

How to Fix: Enter a valid registry consent type based on the patient's age in the appropriate registry consent field (PD1-12). The registry consent field depends on the method used to affirm patients as registry clients. Contact the Texas Immunization Registry for assistance with HL7 errors.

CLR-102

Message: CLR-102::Client Rejected. Invalid consent flag.

ACK Code: AE

Explanation: The entry did not identify the patient's status of being a minor or adult.

How to Fix: Populate PD1-12 with a valid consent indicator (for example, a valid consent indicator for a client is who is less than 18 years old would be TXY)

Example: `PD1 ||||||||||||TXY|20190201|P|`

CLR-103

Message: CLR-103::Client Rejected. Client identifier type of PI or PN or PRN or PT required.

ACK Code: AE

Explanation: A patient identifier is indicated in PID-3 with the specific patient identifier type listed in PID-3.5. The value listed in PID-3.5 is not one of the acceptable values: MR, PI, PN, PRN or PT.

How to Fix: Use one of the acceptable patient identifier types in PID-3.5.

Example: `PID|1||382306^^^EMRNAME^PRN|`

CLR-104

Message: CLR-104::Client Rejected. Record(s) may be locked. Please contact **ImmTrac2@dshs.texas.gov** for more information.

ACK Code: AE

Explanation: Record may be locked by another user or system administrator.

How to Fix: Contact the Texas Immunization Registry at **ImmTrac2@dshs.texas.gov** for assistance with HL7 errors.

CLR-105

Message: CLR-105::Client Rejected. Invalid affirmation date format.

ACK Code: AE

Explanation: When sending affirmation of registry consent, the affirmation date is required to identify the date the patient signed the registry's consent form. The affirmation date must be sent in PD1-13 in the following format: YYYYMMDD.

How to Fix: Use the required format for the affirmation date.
Example: `PID|1||380172^^^^PI~486727^^^^MR||MOUSE^MINNIE||20230101`

CLR-106

Message: CLR-106::Client Rejected. Affirmation date cannot be in the future.

ACK Code: AE

Explanation: When sending affirmation of registry consent, the affirmation date is required to identify the date the patient signed the registry's consent form. The affirmation date must be sent in the following format "YYYYMMDD" and cannot surpasses the current calendar date.

How to Fix: Validate the affirmation date was entered correctly and does not surpass the current calendar date.

CLR-107

Message: CLR-107::Client rejected. Invalid Consent Flag.

ACK Code: AE

Explanation: The registry consent value reported in PD1-12 contained a value other than TXY, TXD and TXA. When reporting registry consent only these values are acceptable. When organizations are not reporting registry consent, then values of Y or N for consent to share indications in PD1-12 are acceptable.

How to Fix: Work with your IT Support or EHR vendor to ensure the accurate registry consent values of TXY, TXD or TXA are used. Once corrected, resubmit the data. Refer to the **Texas Immunization Registry: Consent Overview** for more information.

CLR-109

Message: CLR-109::Client Rejected. Query name missing.

ACK Code: AE

Explanation: The patient's first and last name are missing from the query, found in QPD-4 of the query message.

How to Fix: Populate QPD-4 with the patient's first and last name.

CLR-110

Message: CLR-110::Client Rejected. Client has a Record Lock Indicator = Yes.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

CLR-111

Message: CLR-111::Client Rejected. Client has a Record Lock Indicator = Yes.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

CLR-112

Message: CLR-112::Client Rejected. Both owning provider organization ID and initiating provider organization ID are 0.

ACK Code: AE

Explanation: Both owing provider organization ID and initiating provider organization ID are set to zero.

How to Fix: Populate MSH-4 with the Parent TXIIS ID and MSH-22 with the administering site's TX IIS ID.

Example: `MSH|^~\&|MYEMR|[parent org's TX IIS ID] |TXIMMTRAC|TXDSHS|20060817||VXU^V04^VXU_ V04|MYEMR123456789012345|P|2.5.1|||NE<CR>|||||||[parent org's TX IIS ID]`

CLR-113

Message: CLR-113::Client Rejected. The incoming client information has not been saved because of record rejected error(s).

ACK Code: AE

Explanation: This error results when the system identifies other errors, such as MER-400 and IEE-201, resulting in the information reported not being saved.

How to Fix: Use the guidance on how to fix errors found in IEE-201 and MER-400, specifically Explanation #2.

CLR-200

Message: CLR-200::Client Rejected. <LastName> is not a valid last name.

ACK Code: AE

Explanation: The patient's last name, identified in PID-5, contained a number or special character, which are not acceptable, or a name that is not valid (e.g. "Baby" or other placeholder names).

How to Fix: Ensure that the last name does not contain a placeholder name or any special characters or numbers.

CLR-201

Message: CLR-201::Client Rejected. Client name cannot be empty.

ACK Code: AE

Explanation: PID-5 field, which contains the names of the patient is a requirement and cannot be left empty.

How to Fix: Enter valid patient name in PID-5 (PID-5.1: last name / PID-5.2: first name)

Example: `PID|1||0000308339^^^EHRNAME^MR||SMITH^BILLY^^^^^L|`

CLR-202

Message: CLR-202::Client Rejected. Client last name required.

ACK Code: AE

Explanation: The entire PID-5 field is required. This error message will be returned if PID-5.1 (last name) is empty.

How to Fix: Populate the 1st component of PID-5 with the client's last name

Example: `PID|1||380172^^^^PI~486727^^^^MR||MOUSE^MINNIE^^^^^L|`

CLR-203

Message: CLR-203::Client Rejected. Client last name must be greater than one character in length.

ACK Code: AE

Explanation: Last names containing one letter are considered invalid. This error may also generate in response to names that contain an invalid character.

How to Fix: Verify the patient's last name; if the patient's last name was entered incorrectly then enter the correct last name. If the patient's last name was entered correctly and is a single character long or contains an invalid character, then contact the registry for assistance.

CLR-204

Message: CLR-204::Client Rejected. Client first name required.

ACK Code: AE

Explanation: The 2nd component of PID-5 (first name) is missing. The entire PID-5 field is required, and this error message will be returned if PID-5.2 is empty.

How to Fix: Populate the 2nd component of PID-5 with a valid first name. Ensure that the first name is more than 1 letter and does not contain any nuMERals.

Example: `PID|1||380172^^^^PI~486727^^^^MR||MOUSE^MINNIE^^^^^L|`

CLR-205

Message: CLR-205::Client Rejected. Client first name cannot be empty.

ACK Code: AE

Explanation: The second component of PID-5 (first name) is missing. The entire PID-5 field is a requirement, and this error message will be returned if PID-5.2 (first name) is empty. This error may also generate in response to names that contain invalid characters.

How to Fix: Populate a valid first name in PID-5.2.

Example: `PID|1||0000308339^^^EHRNAME^MR||SMITH^BILLY^^^^^L|`

CLR-300

Message: CLR-300::Client Rejected. Date of birth is a required field.

ACK Code: AE

Explanation: There is an invalid value or incorrectly formatted date of birth in PID-7. Date of birth is required because it is critical to identifying the correct registry client and assists with immunization recommendations or forecasting.

How to Fix: Enter a valid date of birth in YYYYMMDD format in PID-7.

CLR-301

Message: CLR-301::Client Rejected. Invalid date of birth. Birth year must be > 1889.

ACK Code: AE

Explanation: The patient's date of birth, found in PID-7, reflects a date before 1889 and is not acceptable. The date of birth must be sent in the YYYYMMDD format.

How to Fix: Verify the patient's date of birth and enter the date of birth in the indicated format.

CLR-302

Message: CLR-302::Client Rejected. Invalid date of birth. Not a valid date.

ACK Code: AE

Explanation: The patient's date of birth is in a format that is not acceptable. The date of birth must be sent in the YYYYMMDD format in PID-7.

How to Fix: Ensure the date of birth is in the YYYYMMDD format.

CLR-303

Message: CLR-303::Client Rejected. Invalid date of birth. Must be prior to or equal to today.

ACK Code: AE

Explanation: The patient's date of birth in PID-7 indicates a date in the future which is not acceptable.

How to Fix: Verify the patient's date of birth and correct the date of birth if a data entry error.

CLR-304

Message: CLR-304::Client Rejected. This client has existing immunization with vaccination date(s) prior to the client's birth date.

ACK Code: AE

Explanation: The patient reported has been identified as a questionable match to an existing registry client. The existing registry client has an immunization record containing vaccination dates prior to the date of birth for the patient you reported.

How to Fix: Review the information sent in the RXA segment for accuracy. Please refer to our "ImmTrac2 Quick Guide - How to Resolve Questionable Matches   on our   HYPERLINK "https://www.dshs.texas.gov/immunization-unit/immtrac2-texas-immunization-registry/immtrac2-forms-documents" HYPERLINK "https://www.dshs.texas.gov/immunization-unit/immtrac2-texas-immunization-registry/immtrac2-forms-documents" **Forms & Documents page**   of our DSHS website for guidance with resolving the questionable matches..

CLR-305

Message: CLR-305::Client Rejected. Invalid date of death date format.

ACK Code: AE

Explanation: The patient's date of death is in a format that is not acceptable. The date of death must be sent in the YYYYMMDD format in PID-29.

How to Fix: Ensure the date of death is in the YYYYMMDD format in PID-29.

CLR-307

Message: CLR-307::Client Rejected. Invalid date of death. Future date.

ACK Code: AE

Explanation: The patient's date of death in PID-29 indicates a future date. The date cannot be in the future.

How to Fix: Verify the patient's date of death and ensure it does not succeed today's date.

CLR-308

Message: CLR-308::Client Rejected. Invalid date of death. Precedes birthdate.

ACK Code: AE

Explanation: The reported date of death in PID-29 precedes the patient's date of birth in PID-7.

How to Fix: Verify the patient's date of death and birth date to ensure the error is not the result of a data entry error.

Example: `PID|1||08339^^^EHRNAME^MR||SMITH^Billy^^^^^L|G`
`EORGE|20170212|M||2106-3^WHITE^HL70005|1234 SAGE BRUSH`
`ST^^BACLIFF^TX^77518^US^^^084||^PRN^PH^^^512^5555555|||||||||2186-5^ NOT`
`HISPANIC OR LATINO ^HL70189||N|1|N|||20170211|Y|`

CLR-309

Message: CLR-309::Client Rejected. A valid date must be entered when client status is P.

ACK Code: AE

Explanation: #1 You reported the patient's status as Inactive-Permanently Inactive (aka deceased) in PD1-16, as a result you are required to enter the effective date of this status in PD1-17 in the YYYYMMDD format.

 How to Fix #1: Ensure the effective date of the patient's status is present and in the YYYYMMDD format in PD1-17.

Example of Error: `PD1|||||||||||||||||P|01152020`

Example of Correction: `PD1|||||||||||||||||P|20200115`

Explanation #2: You reported the patient as deceased in PID-30 indicating a value of yes but no date of death in PID-29. Additionally, you reported the patient's status as Inactive-Permanently Inactive (aka deceased) in PD1-16 and the effective date of this status in PD1-17.

How to Fix #2: The date of death must be reported in PID-29 when PID-30 is yes, PD1-16 is P and PD1-17 has an effective date.

Example of Error: `PID|1||ME526^^^EHRNAME^MR|||Brooks^Daniel^^^^^L|SanR`
`ita|20100112|M||2106-3^White^CDCREC|5854 Santa Rita^^Austin^TX^7`
`8754^USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or`
`Latino^CDCREC||N||||||Y`

`PD1|||||||||||||||||`**`P|20200115`**

Example of Correction: `PID|1||ME526^^^EHRNAME^MR|||Brooks^Daniel^^^^^L|S`
`anRita|20100112|M||2106-3^White^CDCREC|5854 Santa Rita^^Austin^TX`
`^78754^USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or`
`Latino^CDCREC||N|||||20200115|Y`
`PD1|||||||||||||||||P|20200115`

Explanation #3: You reported the patient as deceased in PID-30 indicating a value of yes but no date of death in PID-29. Additionally, you reported the patient's status as Inactive-Permanently Inactive (aka deceased) in PD1-16 and the effective date of this status in PD1-17 but in the incorrect date format.

How to Fix #3: The date of death must be reported in PID-29 when PID-30 is yes, and the effective date of the patient's status must be in the YYYYMMDD format.

Example of Error: `PID|1||ME526^^^EHRNAME^MR||Brooks^Daniel^^^^^L|SanR ita|20100112|M||2106-3^White^CDCREC|5854 Santa Rita^^Austin^TX^7 8754^USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or Latino^CDCREC||N||||||Y`

`PD1|||||||||||||||||P|01152020`

Example of Correction:

`PID|1||ME526^^^EHRNAME^MR||Brooks^Daniel^^^^^L|SanRita|20100 112|M||2106-3^White^CDCREC|5854 Santa Rita^^Austin^TX^78754^ USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or Latino^CDCREC||N|||||20200115|Y`

`PD1|||||||||||||||||P|20200115`

CLR-310

Message: CLR-310::Client Rejected. The client status must be "P" when a death date is present.

ACK Code: AE

Explanation: The patient is reported as deceased in PID-29 with a date of death listed and in PID-30 indicating a value of yes. The patient's status in PD1-16 indicates the patient is still living which contradicts the reported death. When reporting a death in PID-29 and PID-30 the only acceptable value in PD1-16 is a value of "P" for Inactive-Permanently Inactive (aka deceased).

How to Fix: The patient's status must be "P" in PD1-16 when a death date is present in PID-29.

Example of Error:
`PID|1||K43526^^^EHRNAME^MR||Chandler^Daniel^^^^^L|SanRita|20100 112|M||2106-3^White^CDCREC|5854 Santa Rita^Unit 1^Austin^TX^787 54^USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or Latino^CDCREC||N|||||20191201|Y`

`PD1|||||||||||||||||I|20200211`

Example of Correction: `PID|1||K43526^^^EHRNAME^MR||Chandler^Daniel^^^^^L|S anRita|20100112|M||2106-3^White^CDCREC|5854 Santa Rita^Unit 1^Austin ^TX^78754^USA^P||^PRN^PH^^^512^5555555|||||||||2186-5^not Hispanic or Latino^CDCREC||N|||||20191201|Y`
`PD1|||||||||||||||||P|20200211`

CLR-311

Message: CLR-311::Client Rejected. The date of death is required when client status is P.

ACK Code: AE

Explanation: The patient's status is "P" for Inactive-Permanently Inactive (aka deceased) in PD1-16 but no effective date is indicated in PD1-17. PD1-17 must be populated when reporting the status P in PD1-16.

How to Fix: Populate PD1-17 with the patient's date of death as the effective date of the P status.

CLR-312

Message: CLR-312::Client Rejected. No affirMER in the file.

ACK Code: AE

Explanation: When sending affirmations of registry consent (flat file format) through web services, the TX IIS ID (affirMER) for the location that verified the registry consent must be listed in field position 339 (if CX Segment is not included) or 705 (if CX Segment is included).

How to Fix: Populate the appropriate field location with the TX IIS ID of the affirming location.

CLR-313

Message: CLR-313::Client Rejected. The date of death is required when death indicator is Y.

ACK Code: AE

Explanation: The patient is reported as having a Patient Death Indicator of Y in PID-30 but PID-29 does not contain a date of death.. PID-29 must have a date of death when PID-30 is valued as Y.

How to Fix: Verify the patient is deceased. Then populate PID-29 with a date of death for the patient.

CLR-314

Message: CLR-314::Client Rejected. The death indicator must be Y when a death date is present.

ACK Code: AE

Explanation: The patient is reported as deceased with a date of death listed in PID-29 but PID-30 (Patient Death Indicator) is blank or listed as N. When PID-29 contains a date of death then PID-30 must be valued Y.

How to Fix: Ensure PID-30 is populated with the patient death indicator of Y when a death date is present in PID-29.

Example: `PID|1||163180547^^^^MA||`
`STEPHS^LARRY^E||19461103|F||||||||||||||||||2||||20190201|Y`

IMR: Immunization Rejection Errors

IMR-100

Message: IMR-100::Immunization Rejected.<Segment> ignored. Required field <Field> missing.

ACK Code: AE

Global Explanation: This error identifies specific fields that are missing from the indicated segments, and due to the missing field or information, the segment is ignored (not accepted). This error appears in various situations and identifies repetitions of segments where the error occurred. Below are the most common errors identified by the system.

Message: IMR-100::Immunization rejected. RXA #1 ignored. Required field RXA-9 missing.

Explanation #1: The vaccine reported in the RXA segment indicated (RXA #1 or others listed) did not contain the appropriate value for RXA-9 which identifies whether the vaccination reported is new or historical.

How to Fix #1: Contact your EHR vendor to resolve the missing data. The EHR vendor must populate RXA-9 with the appropriate values.

Example of Error: `RXA|0|1|201911042138|201911042138|141^Influenza, seasonal, injectable^CVX|999|||||^^^123456789|||||||||||`

Correction of Error: `RXA|0|1|201911042138|201911042138|141^Influenza, seasonal, injectable^CVX|999|||00^New Immunization Record^NIP001 ||^^^123456789|||||||||||`

Explanation #2: The RXA segment indicates the vaccination was not administered, (i.e. refusal of vaccination).

How to Fix #2: Refusals are not captured by the registry and do not need to be reported.

Example of Error: `RXA|0|1|20191003||150^influenza, injectable, quadrivalent, preservative free^CVX|999|||||||||||||03^Patient decision^NIP002||RE|A`

Message: IMR-100:: Immunization rejected. OBX #3 ignored. Required field OBX-5 missing.

Explanation: The specific OBX segment was ignored because the observation value in OBX-5.1 that correlates to the value in OBX-3 is missing.

How to Fix: Populate OBX-5.1 with the appropriate value that correlates to the code in OBX-3.

Example of Error:

OBX|3|CE|69764-9^Document Type^LN|3|^^cdcgs1vis||||||F|||20191218

Correction of Error:
```
OBX|3|CE|69764-9
```
```
^Document type^LN|3|253088698300026411121116^Multivaccine
VIS^cdcgs1vis|||||||F|||20191218
```

Message: IMR-100:: Immunization rejected. OBX #1 ignored. Required field OBX-14 missing.

Explanation: The specific OBX segment was ignored because the observation value in OBX-14 that correlates to OBX-3 is missing.

How to Fix: Populate the date of the observation in OBX-14.

Example of Error:

```
OBX|1|CE|64994-7^Vaccine fund pgm elig cat^LN^^^|1|V01^Not VFC
eligible^HL70064|||||||F||||||VXC40^per immunization^CDCPHINVS
OBX|2|DT|29769-7^VIS presented^LN^^^|2|20191017||||||F|||20200105|||
```

Correction of Error:

```
OBX|1|CE|64994-7^Vaccine fund pgm elig cat^LN^^^|1|V01^Not VFC
eligible^HL70064|||||||F|||20191225|||VXC40^per immunization^CDCPHINVS
OBX|2|DT|29769-7^VIS presented^LN^^^|2|20191017||||||F|||20200105|||
```

IMR-101

Message: IMR-101::Immunization Rejected. Invalid vaccine administration date. Not a valid date.

ACK Code: AE

Explanation: The date of administration was empty or the date is not in the correct format.

How to Fix: Verify that a date of administration is entered and populated in the YYYYMMDD format in RXA-3.

IMR-102

Message: IMR-102::Immunization Rejected. All immunizations are invalid.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-103

Message: IMR-103::Immunization Rejected. This immunization has a vaccination date prior to the existing clients birth date in the registry.

ACK Code: AE

Explanation: The patient you reported for is identified by our system as a questionable match to an existing registry client. The patient's name, date of birth, or guardian listed in the NK1 segment may slightly differ from an existing registry client that is otherwise a close match.

How to Fix: Contact the Texas Immunization Registry to assist with resolving the questionable match and submitting the data for the patient.

Example of Error: You reported that John Smith, DOB 11/12/2019, lives in Houston, TX and received a vaccination on 11/12/2019. An existing registry client was found, John Smith, DOB 12/12/2019, who lives in El Paso, TX. The system flags the patient you reported as a questionable match to the registry client and because the immunization you reported was before the registry client's date of birth, the system flags the immunization you reported as rejected based on the date of birth of the registry client.

IMR-104

Message: IMR-104::Immunization Rejected. Invalid immunization vaccination date (<Immdate>) before birth date (<Birthdate>).

ACK Code: AE

Explanation:

How to Fix: Verify client date of birth and correct the administration date of the immunization.

Example: RXA|0|1|**20171010**|**20171010**|62^GARDASIL^CVX|

IMR-105

Message: IMR-105::Immunization Rejected. Invalid immunization vaccination date (<Immdate>) after today's date (<Today>).

ACK Code: AE

Explanation: The vaccination reported has a date of administration that is in the future. The date of administration cannot be after today's date.

How to Fix: Verify the date of administration of the vaccination and correct the data entry error.

IMR-106

Message: IMR-106::Immunization Rejected. This client has existing immunizations with vaccination date(s) after the client's death date.

ACK Code: AE

Explanation: Client has existing immunizations with vaccination date(s) after the client's death date.

How to Fix: Client can not have existing immunization after death. Ensure that there are no immunizations after client's death date.

Example: `PID|1||163180547^^^^MA||STEPHS^LARRY^E||19461103|`
`F|||||||||||||||||2||||20190201|Y`

`RXA|0|1|20180412|20180412|998^NO VACCINE ADMINISTERED^CVX|999|||NA .`
`^^^^^^^^^^^^^^RN^^|||||||AB^ABBOTT^MVX|`

IMR-107

Message: IMR-107::Immunization Rejected. Immunization can not be after clients date of death.

ACK Code: AE

Explanation: This patient was reported deceased in PID-29 and PID-30, but the reported date of immunization administration in RXA-3 is after the patient's date of death (PID-29). Immunizations reported as administered after the patient's death are not acceptable.

How to Fix: Verify the patient's information to identify if the death and immunization dates were reported accurately.

IMR-108

Message: IMR-108::Immunization rejected. RXA # ignored. Required field RXA-9 missing.

ACK Code: AA

Explanation: The vaccine reported in the RXA segment indicated did not contain the appropriate value for RXA-9, which identifies whether the vaccination reported is new or historical. A historical vaccine, according to the Texas Immunization Registry is any vaccine that was not administered by the reporting facility.

How to Fix: Contact your EHR vendor to resolve the missing data. The EHR vendor must populate RXA-9 with the appropriate values. Resubmit the data once corrected.

IMR-109

Message: IMR-109::Immunization rejected. Duplicate immunization Identified.

ACK Code: AE

Explanation: The historical immunization sent over matches a historical immunization that currently exists in the registry. Because of this, the immunization information reported was not stored. Often generated alongside IEE-513.

How to Fix: Ensure the immunization being sent over has been accurately reported in the existing immunization record.

IMR-110

Message: IMR-110::Immunization Rejected. The immunization matches another immunization in incoming file.

ACK Code: AE

Explanation: The vaccination reported has been identified as matching another immunization reported for the same patient in the same file received. To prevent duplicate immunizations being added to a potential registry client's record, the system rejects the matching immunization.

How to Fix: Verify the immunizations are unique and not duplicates within the file. If the vaccinations are unique, such as Hep A and Hep B (Twinrix) immunizations given on an accelerated schedule, contact the Texas Immunization Registry for guidance. If the vaccinations are not unique, then consult with your EHR vendor to prevent the same immunizations from being reported more than once in a file.

IMR-111

Message: IMR-111::Immunization Rejected. <Value> is an invalid <Code> or registry action required.

ACK Code: AE

Explanation: The administered code provided in RXA-5 is not from a recognized code set established by the CDC (or is a code set established by the CDC but the registry doesn't have the data in our system.) The registry strongly recommends the use of NDC or CVX codes for reporting immunizations. This error may appear in variations depending on the information entered in RXA-5 but "Value" will be the value entered to indicate the vaccination administered and the "Code" will be the code for the value entered.

How to Fix: Verify your system and EHR vendor are using the most recent code set established by the CDC. Populate the 1st component of RXA-5 with a CVX or NDC code for the vaccination administered, the second component identifies the description of the code, and the 3rd component identifies the name of the code set used (e.g., CVX). If the code set you reported is established by the CDC, then contact the registry's Interoperability Team to get support with adding the data in our system.

Example of Error: `RXA|0|1|20140101|20140101|B5^HepB^CVX|`

Example of Correction: `RXA|0|1|20140101|20140101|08^HepB^CVX|`

IMR-112

Message: IMR-112::Immunization Rejected. You must supply at least one immunization identifying code.

ACK Code: AE

Explanation: The administered code information that identifies the vaccination the patient received is missing in RXA-5. When reporting immunizations a recognized code set established by the CDC must be used.

How to Fix: Consult your EHR vendor to populate the vaccination information in RXA-5. The registry strongly recommends the use of NDC or CVX codes for reporting immunizations.

Example of Error: `RXA|0|1|20140817|20140817||1.0|||00^NEW IMMUNIZATION^NIP001|`

Example of Correction: `RXA|0|1|20140817|20140817|20^DTAP^CVX|1.0|||00^NEW IMMUNIZATION^NIP001|`

IMR-113

Message: IMR-113::Immunization Rejected. Immunization Rejected. CPT code, vaccine group and tradename are not a valid combination.

ACK Code: AE

Explanation: CPT code, vaccine group and trade name are not a valid combination.

How to Fix: Ensure that the vaccine administered contains the correct CPT code, vaccine group and trade name combination.

Example: `RXA|0|1|20140412|20140412|90698^DTap-IPV/Hib^CPT`

IMR-115

Message: IMR-115::Immunization Rejected. Invalid administered amount.

ACK Code: AE

Explanation: The amount of vaccine administered is a required data element in HL7.

How to Fix: If information has not been populated in the EHR, use 999 or administered amount.

Example: `RXA|0|1|20170509|20170509|62^GARDASIL^CVX|1.0|||00^NEW IMMUNIZATION RECORD^NIP001|`

IMR-117

Message: IMR-117::Immunization Rejected. Incoming Immunization vaccine lot was not found.

ACK Code: AE

Explanation: You reported a vaccination as new in RXA-9 but did not include the vaccine lot number. The immunization is rejected due to the missing information.

How to Fix: Ensure the vaccine lot number is reported for all vaccinations reported as new. Contact your EHR vendor for support.

IMR-118

Message: IMR-118::Immunization Rejected. System Vaccine Lot information not available.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-120

Message: IMR-120::Immunization Rejected. VFC status required when age is less than 19 for an active VFC organization.

ACK Code: AE

Explanation: If a client is less than 19 years old, a VFC status is required for an active VFC organization

How to Fix: Populate OBX-5 with VFC status

Example: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|V02^VFC ELIGIBLE MEDICAID/MEDICAID MANAGED CARE^HL70064|||||||F|||20130531|||VXC40^PER IMM^CDCPHINVS <CR>`

IMR-121

Message: IMR-121::Immunization Rejected. This reaction matches another reaction for same immunization in incoming file.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-122

Message: IMR-122::Immunization Rejected. Rejected immunization with missing information: Owning provider organization ID.

ACK Code: AE

Explanation: MSH-4 identifies the owner of the immunization data being sent. This must be the ImmTrac2 Organization ID TX IIS ID of the Provider Organization that owns the information (e.g., 1234567890.).

How to Fix: Indicate the owning provider Organization Code TXIIS ID (ForMERly PFS#) in MSH-4. This will allow the system to verify that the organization transmitting the file has a relationship (as a parent of vendor) with the organization that owns the immunization records. Contact the Texas Immunization Registry for assistance with HL7 errors.

Example: `MSH|^~\&|EHRVENDOR|1234567890|TxImmTrac|TxDSHS|20180531122308| |VXU^V04|20180531122308|P|2.3.1`

IMR-123

Message: IMR-123::Immunization Rejected. Rejected immunization with duplicate immunization in same TXN (<CVX>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-124

Message: IMR-124::Immunization Rejected. Vaccine administration date is required.

ACK Code: AE

Explanation: May be generated if the administration date in RXA-3 is in an invalid format. May be generated if the administration date in RXA-3 is in an invalid format. Administration date is crucial in identifying when a vaccine was given. It is also important that the date being entered is the actual date the vaccine was given and not the date that it was recorded. Administration date is crucial in identifying when a vaccine was given.

How to Fix: Input administration date in YYYYMMDD format in the RXA-3 field.

Example: `RXA|0|1|20190817|20190817|20^DTaP^CVX|1.0`

IMR-125

Message: IMR-125::Immunization Rejected. Invalid vaccine administration date format.

ACK Code: AE

Explanation: The administration date that was entered in RXA-3 must be sent in the YYYYMMDD format**.**

How to Fix: Ensure that the date format for vaccine administration is YYYYMMDD.

Example: `RXA|0|1|20190817|20140817|20^DTaP^CVX|1.0`

IMR-126

Message: IMR-126::Immunization Rejected. Invalid vaccine administration date. Date of birth after administration date.

ACK Code: AE

Explanation: The vaccination administration date reported in RXA-3 indicates it was administered before the patient's date of birth.

How to Fix: Verify the patient's date of birth and the vaccine administration date of all vaccinations reported to ensure the error is not the result of a data entry error. Correct if a data entry error.

IMR-127

Message: IMR-127::Immunization Rejected. Invalid vaccine administration date. Future date.

ACK Code: AE

Explanation: The vaccine administration date reported in RXA-3 is a future date that has not occurred yet; this immunization was not stored in the registry.. . This immunization was not stored in the system.

How to Fix : Verify patient date of birth and the administration date of the immunization. Verify the patient's date of birth and the vaccine administration date of all vaccinations reported to ensure the error is not the result of a data entry error. Correct if a data entry error.

Example: `RXA|0|1|20300115|20200115|187^Shingrix^CVX|999|||00^New immunization record^NIP001||^^^1246240008^^^^^ 1160 Amir Blvd, STE 201^^Mesquite^TX^751504500^USA|||||||^^||||A`

IMR-128

Message: IMR-128::Immunization Rejected. Manufacturer code inaccurate or missing data.

ACK Code: AE

Explanation: The manufacturer of a vaccine is characterized by MVX, an alphabetic thread. An MVX code is required for all new vaccines but is optional for historical shots. If MVX code is incorrect or missing on a new vaccine, the message will be rejected.

How to Fix: Enter valid manufacturer code in RXA-17. Verify that manufacturer code is correct.

Example: `RXA|0|1|20160921|20160921|111^FLU VACCINE NO PRESERV 3 & >^CVX|999|||00^NEW IMMUNIZATION RECORD^NIP001||^^^1234567890^^^^^1111 SUNSHINE RD.^STE.1^SAN ANTONIO^TX^782113006^USA|||||1619101|| PMC^Sanofi Pasteur^MVX|`

IMR-129

Message: IMR-129::Immunization Rejected. Trade name (<Tradename>) not produced by manufacturer (<Manufacturer>).

ACK Code: AE

Explanation: The proprietary name of the immunization (trade name) given in RXA-5 is not produced by the manufacturer given in RXA-17.

How to Fix: Ensure that the given trade name is produced by the given manufacturer.

Example: `RXA|0|999|20170902|20170902|115^MMR^CVX||||00|935902 ^GUILLORY^RYAN^J^^^^^TX^^^^VEI|^^^1180940002|||||9B974| |MSD^MERck and Co., Inc.^MVX|||CP|A|20170902002628`

IMR-130

Message: IMR-130::Immunization Rejected. Administrative code invalid.

ACK Code: AE

Explanation #1: The administered code information for the vaccination the patient received is invalid or missing from the RXA segment, specifically in RXA-5.

How to Fix #1: Consult your EHR vendor to populate the vaccination information in RXA-5.

Example of Error: `RXA|0|1|20140101|20140101|  |`

Example of Correction: `RXA|0|1|20140101|20140101|08^HepB^CVX|`

Explanation #2: The administered code provided in RXA-5 is missing the third component (RXA-5.3), which identifies the code set.

How to Fix #2: The registry strongly recommends the use of NDC or CVX codes for reporting immunizations. Populate the 1st component of RXA-5 with a NDC or CVX code for the vaccination administered (e.g. 00005-0100-02), the 2nd component identifies the description of the code (e.g. meningococcal B, recombinant) and the 3rd component identifies the name of the code set used (e.g. NDC). If sending multiple code sets use the same guidance to populate RXA-5 components 4-6.

Example of Error: `RXA|0|1|20140101|20140101|08^HepB^|`

Example of Correction: `RXA|0|1|20140101|20140101|08^HepB^CVX|`

IMR-131

Message: IMR-131::Immunization Rejected. The <Code> does not match with the other codes provided.

ACK Code: AE

Explanation: The immunization codes given in RXA-5 do not correspond to the same immunization.

How to Fix: Ensure the codes given in RXA-5 correspond to the same immunization. Contact the Texas Immunization Registry for assistance with HL7 errors.

Example of Error: `RXA|0|1|20140101|20140101|08^HepB^CVX^11111-1111-11^HEPA (2 DOSE ADULT)^NDC|`

Example of Correction: `RXA|0|1|20140101|20140101|08^HepB^CVX^00006-4980-00 ^RECOMBIVAX HB^NDC|`

IMR-132

Message: IMR-132:: Immunization Rejected. Immunization rejected for an consented client.

ACK Code: AE

Explanation: No consent is on file with the registry. This error appears when dealing with disaster clients. An antiviral, immunization or medication (AIM) given during a disaster event must have a date of administration that is within the time frame of the disaster.

How to Fix: Please refer to the "Affirmation of Registry Consent via Heath Level Seven" and "Electronic Standards for Affirmation of Registry Consent" documents on the Forms and Documents page of ImmTrac2's DSHS website for more information on sending affirmation of consent via data exchange. If the patient has not yet consented to registry participation, educate the patient about the benefits of the registry and offer them the standard ImmTrac2 Consent Form (either adult or minor). If the patient consents, add them to the registry via manual entry or electronic data exchange. With the patient having both standard registry consent (adult or minor) and disaster consent, the registry can store any immunization reported for the patient for their lifetime. See the Resources section on p. 17 of this guide for information and trainings on consent.

IMR-133

Message: IMR-133:: Immunization Rejected. The administered vaccine is not linked to any active disaster event. The state cannot store the immunization reported without the patient's standard registry consent on file.

ACK Code: AE

Explanation: This may be caused by sending in standard immunizations (any immunization not associated with a disaster event) for disaster clients. Note that submitting a forMER disaster immunization (i.e. immunizations administered for COVID-19) after a disaster declaration has ended will generate this error.

How to Fix: Ensure that the patient has standard consent on file to store non-disaster immunizations. Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-135

Message: IMR-135::The submitted delete immunization request matches a shot given from ImmTrac2 inventory. This delete was not processed.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-136

Message: IMR-136::Immunization Rejected. This immunization has a vaccination date after the existing clients death date in the registry.

ACK Code: AE

Explanation: The patient reported as receiving an immunization is indicated as deceased according to the registry records. Immunizations reported as administered after the patient's death are invalid and not accepted by the registry.

How to Fix: Contact the registry to resolve this error. The client needs to be removed from the registry as we have information indicating they are deceased. If the patient is not deceased, then we will assist with resolving the error in our systems.

IMR-137

Message: IMR-137:: Immunization rejected. Action code is missing.

ACK Code: AE

Explanation: The immunization reported did not have an action code in RXA-21 to inform our system on what action is needed. Because the action code is missing, the immunization was rejected. The appropriate values for action code are A for add, U for update and D for delete.

How to Fix: Work with your EHR vendor to ensure all immunizations reported have one of the appropriate values for action code in RXA-21.

Example of Error: RXA|0|1|20200223|20200223|20^**DTAP^CVX|0.5|mL||00^New immunization record^NIP001||^^^1199420001||||12345||MSD^MERck Co.^MVX|||CP**||**

Example of Correction of Error: RXA|0|1|20200223|20200223|20^**DTAP^CVX|0.5|mL||00^New immunization record^NIP001||^^^1199420001||||12345||MSD^MERck Co.^MVX|||CP|**A|**

IMR-138

Message: IMR-138::Record rejected. This immunization has a contraindication date after the vaccination date.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.IMR-141

Message: IMR-141::Immunization rejected. Lot number is missing.

ACK Code: AE

Explanation: The immunization reported was a new immunization (i.e., a value of 00 in RXA-9 with a value of CP in RXA-20) but the lot number in RXA-15 is missing. For new immunizations, the lot number is required.

How to Fix: Make sure the lot number is entered in your EHR when administering the immunization. If the lot number was in the EHR at the time of administration, then contact your EHR vendor for support.

Example of Error: RXA|0|1|20200223|20200223|20^DTAP^CVX|0.5|mL||00^New immunization record^NIP001||^^^1199420001|||**||**|MSD^MERck Co.^MVX|||CP|A

Example of Correction of Error: RXA|0|1|20200223|20200223|20^DTAP^CVX|0.5|mL||00^New immunization record^NIP001||^^^1199420001||||**ABC58**||MSD^MERck Co.^MVX|||CP|AIMR-142

Message: IMR-142::Incoming Immunization vaccine lot has ZERO inventory available for deduction.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Check your organization's vaccine inventory in VAOS. Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-143

Message: IMR-143::Incoming Immunization vaccine lot matched multiple lots.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Check the lot number given in the message for accuracy. Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-144

Message: IMR-144: Beyfortus Antibody Rejected - Client has two valid 1.0mL doses of Beyfortus on record, additional doses for the same date of vaccination are invalid

ACK Code: AE

Explanation: This error is given when another Beyfortus dose is submitted for a client that already has two valid 1.0 mL doses of Beyfortus on their record.

How to Fix: Contact the Texas Immunization Registry if assistance is needed to correct the client record.

IMR-148

Message: IMR-148:: Immunization Rejected - The immunization has been rejected because combination of RSV Tradenames submitted is invalid.

ACK Code: AE

Explanation: Two RSV doses were submitted for the same date of vaccination (or the two vaccination dates are within 14 days of each other) through the same HL7 message.

How to Fix: If this entry was not an error, contact the Texas Immunization Registry for assistance logging this immunization series.

IMR-150

Message: IMR-150::Immunization rejected. Filler order number is missing in ORC-3.1.

ACK Code: AE

Explanation: When reporting an immunization, historical or new, the ORC-3.1 field must containing the filler order number for the reported administration. The immunization is rejected as this is a required field.

How to Fix: Work with your EHR vendor to get the ORC-3.1 populated with the order number. Resubmit the data once corrected.

IMR-151

Message: IMR-151::Immunization rejected. The information for the provider who ordered the immunization reported is missing in ORC-12.

ACK Code: AE

Explanation: When reporting a new immunization (RXA-9 value is 00), the ORC-12 field must contain the provider information who ordered the immunization.

How to Fix: Work with your EHR vendor to ensure ORC-12 is populated with the provider information. Resubmit the data once corrected.

IMR-160

Message: IMR-160::WARNING: The immunization reported is missing the route of administration information in RXR-1.

ACK Code: AE

Explanation: The immunization reported is NOT rejected. Immunizations that are reported as new (RXA-9 valued at 00) must have an associated Pharmacy/Treatment Route (RXR) segment reported with them. The RXR-1 field is missing the route of administration.

How to Fix: Work with your EHR Vendor or IT Support to populate RXR-1 with the appropriate NCIT, route of administration, values. There is no need to resubmit the data as the immunization was not rejected for the missing information.

IMR-161

Message: IMR-161::WARNING: The immunization reported is missing the site of administration information in RXR-2.

ACK Code: AE

Explanation: Immunizations that are reported as new (RXA-9 valued at 00) must have an associated Pharmacy/Treatment Route (RXR) segment reported with them. The RXR-2 field is missing the site of the administration route.

How to Fix: Work with your EHR Vendor or IT Support to populate RXR-2 with the appropriate site of the administration route.

IMR-170

Message: IMR-170::Vaccine Purchased With ignored. The value provided is not used by ImmTrac2.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IMR-171

Message: IMR-171::Warning::Borrowed inventory dose from Lot <LOT_NUMBER> to be displayed if inventory deduction occurs. <IMM_DETAILS>.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE: Informational Errors or Warnings

IEE-102

Message: IEE-102::Warning::If supplied, <FIELD> should match constraint listed in spec.

ACK Code: AE

Explanation: The value given in a field is not formatted to its required constraints. This is just a warning error; the vaccine information was stored in ImmTrac2.

How to Fix: Please check the HL7 messages being sent to ensure that the information in each field is formatted according to specifications in the HL7 2.5.1 Implementation Guide.

Example of Error:

```
OBX|3|TS|29768-9^DATE VACCINE INFORMATION STATEMENT
PUBLISHED^LN|2|||||||F|||202203011732||||||||||
```

Example of Correction of Error: `OBX|3|TS|29768-9^DATE VACCINE INFORMATION STATEMENT PUBLISHED^LN|2|20220101||||||F|||20220301||||||||||||`

IEE-103

Message: IEE-103::Informational Error. If supplied, <Field> should match constraint listed in spec.

ACK Code: AE

Global Explanation: This error identifies specific fields that are missing from the data and due to the missing field or information, the data contained in the specific field is ignored (not accepted). This error appears in various situations and identifies repetitions of segments where the error occurred. Below are the most common errors identified by the system.

Message: IEE-103::Informational Error. If supplied, RXA-5.3 should match constraint listed in spec.

Explanation #1: The third component of RXA-5 identifies the name of the code set used (e.g., CVX or NDC) and the value entered does not meet our system standards.

How to Fix #1: Populate the first component of RXA-5 with a CVX or NDC code for the vaccination administered, the second component identifies the description of the code and the 3rd component identifies the name of the code set used (e.g., CVX). Contact your EHR vendor for assistance.

Message: IEE-103::Informational Error. If supplied, NK1-3.3 should match constraint listed in spec.

Explanation #2: The third component of the NK1-3 field identifies the HL7 code set used to identify the relationship of the person listed to the patient. The value entered does not meet our system standards.

How to Fix #2: Populate NK1 with all required information. Contact your EHR vendor for assistance.

Message: IEE-103::Informational Error. If supplied, PD1-12 should match constraint listed in spec.

Explanation #3: The value entered in PD1-12 is not acceptable and does not meet our system standards. Note: PD1-12 alone is used to capture a patient's consent to share, not used to create a registry record for the patient.

How to Fix #3: Populate PD1-12 with the appropriate code based on the patient's decision to consent to share.

Message: IEE-103::Informational Error. If supplied, MSH-11 should match constraint listed in spec.

Explanation #4: MSH-11 identifies if the information reported is Test or Production data with a value of T or P. The value T is currently not acceptable by our system. We use other mechanisms to identify whether an organization is in test or production.

How to Fix #4: Contact your EHR vendor to populate MSH-11 with P.

IEE-104

Message: IEE-104::Warning.<Segment> rejected because of invalid <Bad_Seg>.

ACK Code: AE

Global Explanation: The data in <Segment> is rejected due to incorrect/empty segment information being reported in another HL7 segment, referenced as <Bad_Seg>.

Message: IEE-104:: Warning. RXA #1 rejected because of invalid OBX.

Explanation: The immunization reported in the RXA referenced is rejected due to the OBX segment missing the required information in either OBX-3, OBX-5 or OBX-14.

How to Fix: Work with EHR vendor to ensure the OBX segment contains all required fields with appropriate information. In these examples, ensure OBX-3, OBX-5 and OBX-14 are populated.

Example of Error:

```
OBX|3|TS|29768-9^DATE VACCINE INFORMATION STATEMENT
PUBLISHED^LN|2||||||||F|||20220301|||||||||||Correction of Error
```

Example of Correction of Error:

```
OBX|3|TS|29768-9^DATE VACCINE INFORMATION STATEMENT
PUBLISHED^LN|2|20220101|||||||F|||20220301|||||||||||Correction of Error
```

IEE-105

Message: IEE-105::Warning. Inaccurate or missing observation value. No value stored.

ACK Code: AE

Explanation: The values for reporting an observation, specifically in OBX-5 must include the Texas vaccine eligibility codes. The values you reported were either missing or inaccurate.

How to Fix: Contact your EHR vendor to ensure your data is using the appropriate code tables when sending contraindications, reactions, adverse events, vaccine series information, or recommendation information for a vaccine series in the OBX segments. Additionally, ensure they are using the appropriate Texas vaccine eligibility codes.

Example of Error: `OBX|1|CE|30963-3^Vaccine funding source^LN|1|VXC51^Public VFC^CDCPHINVS|||||||F|||20190828083000`

Example of Correction of Error: `OBX|1|CE|30963-3^Vaccine funding source^LN|1|V01^Private Pay/Insurance^HL70064|||||||F|||20190828083000`

IEE-106

Message: IEE-106::Warning. Required field PID3-4 missing. Used MSH-3 instead.

ACK Code: AE

Explanation: PID-3 identifies the Patient Identifier List with PID-3.4 specifically identifying the source of that patient identifier. The information in PID-3.4 is missing and is required information. The error suggest that the value listed in MSH-3 be used for PID-3.4.

How to Fix: Populate the PID-3.4 with the source of the patient identifier reported in PID-3. Consult your EHR vendor for support.

Example of Error: `PID|1||6629^^^^MR||…`

Example of Correction of Error: `PID|1||6629^^^NIST MPI^MR||…`

IEE-107

Message: IEE-107::Warning. No value entered for <Field>.

ACK Code: AE

Global Explanation: This error identifies specific elements that are missing from the indicated field or segment and due to the missing information or elements the field or segment is rejected. This error appears in various situations. Below are the most common errors identified by the system.

Message: IEE-107::Warning. No value was entered for ORC-12.13.

Explanation #1: The information for the provider who ordered the vaccination is identified in ORC-12, with the provider's license type abbreviation missing in ORC-12.13.

How to Fix #1: ORC-12 must contain the identity of the person who ordered the vaccine. ORC-12.1 contains the Provider's License Number, ORC-12.2 contains the provider's last name, ORC-12.3 contains the provider's first name and ORC-12.9 contains the State abbreviation for where the provider's license is authorized (e.g. TX for Texas) and ORC-12.13 contains the license type abbreviation (e.g. MD for medical license number).

Example of Error: `ORC|RE|…|12135^DOE^ANDY^^^^^^TX^^^^|`

Example of Correction of Error: `ORC|RE|…|12135^DOE^ANDY^^^^^^TX^^^^MD|`

Message: IEE-107::Warning. No value was entered for RXA-10.13.

Explanation #2: The information for the person who administered the vaccination is identified in RXA-10, with the person's license type abbreviation missing in RXA-10.13.

How to Fix #2: RXA-10 must contain the identity of the person who administered the vaccine. RXA-10.1 contains the person's License Number, RXA-10.2 contains the person's last name, RXA-10.3 contains the person's first name, RXA-10.9 contains the State abbreviation for where the person's license is authorized (e.g. TX for Texas) and RXA-10.13 contains the license type abbreviation (e.g. RN for registered nurse number).

Example of Error: `RXA|0|…|24135^SMITH^DALE^^^^^^TX^^^^|`

Example of Correction of Error: `RXA|0|…|24135^SMITH^DALE^^^^^^TX^^^^RN|`

IEE-108

Message: IEE-108::Warning. Required field <Field> missing.

ACK Code: AE

Global Explanation: This error identifies specific elements that are missing from the indicated field. Due to the missing information the field is rejected. This error appears in various situations. Below is the most common error identified by the system.

Message: IEE-108::Warning. Required field PID-3.4 missing.

Explanation: PID-3 identifies the Patient Identifier List with PID-3.4 specifically identifying the source of that patient identifier. The information in PID-3.4 is missing and is required information.

How to Fix: Populate the PID-3.4 with the source of the patient identifier reported in PID-3. Consult your EHR vendor for support.

Example of Error: `PID|1||6629^^^^MR||…`

Example of Correction of Error: `PID|1||6629^^^NIST MPI^MR||…`

IEE-200

Message: IEE-200::Warning. The incoming client information has been saved (ID <ClientID>) for review by a State BA, who will decide the appropriate existing client to match to.

ACK Code: AE

Explanation: The patient information sent from your organization matches one or more registry clients that already exist in the registry and the system cannot determine if it should add the patient as a registry client or not without human intervention. This error appears when adding patients as registry clients (aka affirming registry consent). These are known as "questionable matches." The system creates a "temporary registry client ID" for the patient you sent to be added as a registry client. This does not get resolved until state registry staff manually review the questionable matches and determines whether the patient is a unique registry client to be added or is an existing registry client.

How to Fix: It is your responsibility to contact the registry to have our staff resolve the questionable matches for you. Without doing so, the patient's temporary registry record will stay in a "pending status," and will not be updated nor viewable by health care providers (including yourself).

IEE-201

Message: IEE-201::Warning. The incoming client matches more than one existing candidate. Existing candidate client ids include <ClientList>.

ACK Code: AE

Explanation: The patient information sent from your organization matches one or more registry clients that already exist in the registry and the system cannot determine which registry client records (if any) it should update without human intervention. These are known as "questionable matches." The system identifies which existing registry clients match the patient demographics so you may review the clients to determine which (if any) is the patient you reported.

How to Fix: It is your responsibility to review the client's records in the registry to identify if they match the patient you reported. If one of the records matches the patient, then you must update the patient's records in ImmTrac2 to reflect the information that differs from your EHR record for the patient.

IEE-205

Message: IEE-205::Warning. Client in the Roster list file is not in the registry.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-206

Message: IEE-206::Warning. Client did not match.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-207

Message: IEE-207::Warning. The incoming client matches more than one existing candidate. Existing candidate client IDs include <LIST>.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-250

Message: IEE-250::Warning. Invalid client identifier type.

ACK Code: AE

Explanation: A patient identifier (i.e. client identifier type) is indicated in PID-3, with the specific patient identifier type listed in PID-3.5 or in the repetitions of this information. The value listed in PID-3.5 or in the repetitions of PID-3 are not one of the acceptable values: MR, PI, PN, PRN or PT.

How to Fix: Use one of the acceptable patient identifier types in PID-3.5. Additional patient identifiers may be sent using repetition of the PID-3 field, including Social Security Number (SS) or Medicaid ID (MA).

Example of Error: `PID|1||380172^^^EHRVENDOR^MRN~486727^^^EHRVENDOR^MA|`

Example of Correction of Error: `PID|1||380172^^^EHRVENDOR^MR~486727^^^EHRVENDOR^MA|`

IEE-251

Message: IEE-251::Informational Message. Duplicate SSN. No value stored.

ACK Code: AA

Explanation: The SSN given in PID-19 may be inaccurate.

How to Fix: Validate that the SSN given in the PID-19 field is correct for the given patient.

IEE-252

Message: IEE-252::Warning. Invalid SSN. SSN has an invalid pattern.

ACK Code: AE

Explanation: The social security number reported in PID-19 contained a pattern that was invalid. This error may be generated by including placeholder values such as "123456789" or "000000000."

How to Fix: If the patient's social security number is known, report it accurately, do not report placeholder value

IEE-253

Message: IEE-253::Warning. Invalid SSN. SSN either starts with 000 or ends with 0000.

ACK Code: AE

Explanation: The information entered in PID-3 for the SSN contains all zeros at the beginning or at the end of the SSN. This information is not acceptable.

How to Fix: Enter a valid SSN for the patient, do not truncate or send a protected version of the SSN. If the SSN is not known, then omit this information.

Example of Error: `PID|1||0000308339^^^EHRNAME^MR~000006789^^^EHRNAME^SS|`

IEE-254

Message: IEE-254::Warning. Invalid SSN. SSN has 9 identical numbers.

ACK Code: AE

Explanation: The information entered in PID-3 for the SSN contains nine identical numbers. This information is invalid.

How to Fix: Enter a valid SSN for the patient. If the SSN is not known then omit that patient identifier information.

Example of Error: `PID|1||0000308339^^^EHRNAME^MR~111111111^^^EHRNAME^SS|`

IEE-255

Message: IEE-255::Warning. Invalid SSN. SSN has non-nuMERic characters.

ACK Code: AE

Explanation: The information entered in PID-3 for the SSN contains non-nuMERic characters. This information is invalid.

How to Fix: Enter a valid SSN for the patient. If the SSN is not known then omit that patient identifier information.

Example of Error: `PID|1||0000308339^^^EHRNAME^MR~****56789^^^EHRNAME^SS|`

IEE-256

Message: IEE-256::Warning. Invalid SSN. SSN not 9 characters in length.

ACK Code: AE

Explanation: The information entered in PID-3 for the SSN contains less than nine characters in length. A valid SSN is nine numbers in length.

How to Fix: Enter a valid SSN for the patient. If the SSN is not known then omit that patient identifier information.

Example of Error: `PID|1||0000308339^^^EHRNAME^MR~456789^^^EHRNAME^SS|`

IEE-257

Message: IEE-257::Warning. You are attempting to update the SSN of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact ImmTrac2@dshs.texas.gov for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different SSN for the registry client in ImmTrac2. The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors for the immunization identified, the immunization reported is stored to the registry client's record. The change to the SSN was not stored or updated.

How to Fix: To update the registry client's SSN in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change. Otherwise, ensure that the value in PID-3.5 is the patient's valid SSN.

IEE-258

Message: IEE-258::Informational Message. Duplicate Medicaid ID. No value stored.

ACK Code: AA

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-259

Message: IEE-259::Record rejected. This Event matches another Event in the incoming file.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-260

Message: IEE-260::Warning. Medicare ID does not match existing.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-261

Message: IEE-261::Warning. Invalid state certificate (<BirthCert>). No value stored.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-262

Message: IEE-262::Medicaid ID missing.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-263

Message: IEE-263::Warning. Medicare ID missing.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-296

Message: IEE-296::Warning. You are attempting to update the firstName of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact **ImmTrac2@dshs.texas.gov** for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different first name for the registry client in ImmTrac2.
The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors identified for the immunization, the immunization reported is stored to the registry client's record. The change to the first name was not stored or updated.

How to Fix: To update the registry client's first name in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change.

IEE-297

Message: IEE-297::Warning. You are attempting to update the LastName of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact **ImmTrac2@dshs.texas.gov** for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different last name for the registry client in ImmTrac2. The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors identified for the immunization, the immunization reported is stored to the registry client's record. The change to the last name was not stored or updated.

How to Fix: To update the registry client's last name in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change.

IEE-298

Message: IEE-298::Warning. You are attempting to update the MiddleName of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact ImmTrac2@dshs.texas.gov for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different middle name for the registry client in ImmTrac2. The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors identified for the immunization, the immunization reported is stored to the registry client's record. The change to the middle name was not stored or updated.

How to Fix: To update the registry client's middle name in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change.

IEE-299

Message: IEE-299::Warning. You are attempting to update the DOB of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact **ImmTrac2@dshs.texas.gov** for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different date of birth for the registry client in ImmTrac2. The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors identified for the immunization, the immunization reported is stored to the registry client's record. The change to the date of birth was not stored or updated.

How to Fix: To update the registry client's date of birth in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change.IEE-300

Message: IEE-300::Warning. <MiddleName> is not a valid middle name. No value stored.

ACK Code: AE

Explanation: The middle name of a patient, found in PID-5.3, contains numbers or special characters that are not valid.

How to Fix: Verify the patient's middle name is valid and correct if a data entry error.

Example of Error: PID|1||380172^^^EHRNAME^PI||MOUSE^MINNIE^**ELIZ@**^^^L|

Example of Correction of Error: PID|1||380172^^^EHRNAME^PI||MOUSE^MINNIE^**ELIZA**^^^L|

IEE-301

Message: IEE-301::Warning. Invalid name suffix. No value stored.

ACK Code: AE

Explanation: The patient's suffix, found in PID-5.4, contains a value that is not acceptable.

How to Fix: Verify the patient's suffix and correct it if is a data entry error.

IEE-302

Message: IEE-302::Warning. Invalid mother's maiden name (<LastName>). No value stored.

ACK Code: AE

Explanation: The patient's mother's maiden name contains an unacceptable value such as numbers or special characters in PID-6 or NK1-2.

How to Fix: Verify the mother's maiden name and correct if a data entry error.

IEE-303

Message: IEE-303::Warning. Invalid mothers first name (<firstName>). No value stored.

ACK Code: AE

Explanation: The patient's mother's first name contains an unacceptable value such as numbers or special characters.

How to Fix: Verify the mother's first name information and correct if a data entry error.

IEE-304

Message: IEE-304::Warning. A valid sex (Gender) must be entered.

ACK Code: AE

Explanation: The patient's sex (gender) information contains a value outside the acceptable values of M, F or U.

How to Fix: Verify the patient's gender information and correct if a data entry error. Use only the acceptable values indicated.

IEE-305

Message: IEE-305::Warning. Invalid street address (<Street>). Value not stored.

ACK Code: AE

Explanation: The patient's street address contains a value that is not acceptable.

How to Fix: Verify the patient's address information and correct if a data entry error.

IEE-306

Message: IEE-306::Warning. Invalid P.O. Box (<Street>). Value not stored.

ACK Code: AE

Explanation: The patient's PO Box address contains a value that is not acceptable.

How to Fix: Verify the patient's address information and correct if a data entry error.

IEE-307

Message: IEE-307::Warning. Invalid other address (<Street>). Value not stored.

ACK Code: AE

Explanation: The patient's additional address information contains a value that is not acceptable.

How to Fix: Verify the patient's address information and correct if a data entry error.

IEE-308

Message: IEE-308::Warning. Invalid city (<City>). No value stored.

ACK Code: AE

Explanation: The patient's city address information contains a value that is not acceptable.

How to Fix: Verify the patient's address information and correct if a data entry error.

IEE-309

Message: IEE-309::Warning. Invalid state code (<State>). No value stored.

ACK Code: AE

Explanation: The patient's state address information contains a value that is not acceptable. This error is not a rejection, but the invalid state code was not stored in the system.

How to Fix: Verify the patient's address information and correct if a data entry error.

IEE-310

Message: IEE-310::Warning. XTN use code not provided.

ACK Code: AE

Explanation: The telecommunication information for the patient contains a telecommunication use code (XTN data type) that is not recognized or missing.

How to Fix: Use the HL7-defined values for XTN data types for telecommunication use code and telecommunication equipment type. Update your systems with these values.

Example of Error: `|^PRN^PH^^^913^1589195~^NET^Internet^test123@test.com~^P^CP^^^913^2234483|`

Example of Correction of Error: `|^PRN^PH^^^913^1589195~^NET^Internet^test123@test.com~^ORN^CP^^^913^2234483|`

IEE-311

Message: IEE-311::Warning. Invalid birth order, value ignored.

ACK Code: AE

Explanation: The field that identifies a patient's birth order, PID-25 or QPD-11, contains a value that is not acceptable. The value must be a number to indicate which order the patient was born in as part of the multiple birth.

How to Fix: Enter a number in the appropriate field.

IEE-312

Message: IEE-312::Warning. Multiple birth order outside of expected range, value ignored.

ACK Code: AE

Explanation: PID-25 should be populated by a valid value (number). If a number outside of the expected range is placed in PID-25, an error will occur.

How to Fix: Ensure that birth order is within expected and valid range.

Example: `PID|1||05141144^^^MR^MR||MOUSE^MICKEY^E||19461103|F|MOUSE^MATILDA|2106-3|||||||||||||N|||2|||||N`

IEE-313

Message: IEE-313::Warning. You are attempting to update the Gender of ImmTrac2 Client ID: <CLIENTID>, who was created by the state's vital statistics unit. This update is not allowed via data exchange. Please contact ImmTrac2@dshs.texas.gov for assistance with the update.

ACK Code: AE

Explanation: You are reporting a different gender for the registry client in ImmTrac2. The registry client's record was created through the state's Vital Statistic process and considered a protected record. If there were no data exchange errors identified for the immunization, the immunization reported is stored to the registry client's record. The change to the gender was not stored or updated.

How to Fix: To update the registry client's gender in ImmTrac2, contact ImmTrac2 CustoMER Support via a SECURE email containing the legal documentation supporting the requested change.

IEE-314

Message: IEE-314::Warning **Message:** DOD submitted on incoming record does not match DOD on file. DOD will need to be updated through help desk for correction.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-315

Message: IEE-315::Warning. Multiple birth indicator has no value while birth order field is populated.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 error.

IEE-316

Message: IEE-316::Warning. Multiple birth indicator value is populated but is not Y or N.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 error.

IEE-317

Message: IEE-317::Warning. Multiple birth indicator and birth order values are conflicting. If indicator is N, then order should be empty or 0. If indicator is Y, order should not be empty or 0.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 error.

IEE-318

Message: IEE-318::Warning. The patient's race in PID-10 is missing. If your organization is able to capture and report this information then do so using HL70005 code set.

ACK Code: AE

Explanation: It is highly recommended that you report the patient's race (if known) to the registry using the approved HL7 code set as given in the HL7 Implementation Guide. If the patient refuses to provide this information or the information is unknown, then leave PID-10 blank. This error does generate when PID-10 is left blank for unknown or patient refusal.

How to Fix: Work internally to determine how to improve workflows to obtain and report patient's race. Work with your EHR vendor to use the HL70005 code set for accurate reporting of race.

IEE-319

Message: IEE-319::Warning. The patient's ethnicity in PID-22 is missing. If your organization is able to capture and report this information then do so using the HL70189 CDCREC code set.

ACK Code: AE

Explanation: It is highly recommended that you report the patient's ethnicity (if known) to the registry using the approved HL7 code set as given in the HL7 Implementation Guide. If the patient refuses to provide this information or the information is unknown, then leave PID-22 blank. This error does generate when PID-22 is left blank for unknown or patient refusal.

How to Fix: Work internally to determine how to improve workflows to obtain and report patient's ethnicity. Work with your EHR vendor to use the HL70189 code set for accurate reporting of ethnicity.

IEE-320

Message: IEE-320::Warning. The patient's race in PID-10 is invalid. Use the appropriate HL70005 code set values for this field.

ACK Code: AE

Explanation: The patient's race you reported is using a value other than the approved HL7 code set. The only acceptable values are those in the indicated HL7 code set. If the patient's race is unknown or the patient refused to provide the information, then leave the field blank. Do not use other codes or values.

How to Fix: Work with your EHR vendor to use only the acceptable values listed in the HL70005 code set for accurate reporting of race.

Example of Error: `PID|||9764^^^MYEHR^PI||SMITH^MARIA^||19841201|F||2135-2^Hispanic^HL70005|125 DAWSONS CREEK^^RIVER^TX^77328-6808^USA^^^||^PRN^^^^512^1002738|||||||||||2135-2^Hispanic or Latino^CDCREC|`

Example of Correction of Error: `PID|||9764^^^MYEHR^PI||SMITH^MARIA^||19661105|F||2131-1^Other Race^HL70005|125 DAWSONS CREEK^^RIVER^TX^77328-6808^USA^^^||^PRN^^^^512^1002738|||||||||||2135-2^Hispanic or Latino^CDCREC|`

IEE-321

Message: IEE-321::Warning. The patient's ethnicity in PID-22 is invalid. Use the appropriate HL70189 CDCREC code set values for this field.

ACK Code: AE

Explanation: The patient's ethnicity you reported is using a value other than the approved HL7 code set. The only acceptable values are those in the indicated HL7 code set, given in the HL7 Implementation Guide. If the patient's ethnicity is unknown or the patient refused to provide the information, then leave the field blank. Do not use other codes or values.

How to Fix: Work with your EHR vendor to use only the acceptable values listed in the HL70189 code set for accurate reporting of ethnicity.

Example of Error: `PID|||9764^^^MYEHR^PI||SMITH^MARIA^||19661105|F||2131-1^Other Race^HL70005|125 DAWSONS CREEK^^RIVER^TX^77328-6808^USA^^^|||||||||||H^Hispanic^CDCREC|`

Example of Correction of Error: `PID|||9764^^^MYEHR^PI||SMITH^MARIA^||19661105|F||2131-1^Other Race^HL70005|125 DAWSONS CREEK^^RIVER^TX^77328-6808^USA^^^|||||||||||2135-2^Hispanic or Latino^CDCREC|`

IEE-400

Message: IEE-400::Warning. Responsible person set ID missing. Responsible person record ignored.

ACK Code: AE

Explanation: The next of kin information did not contain the set ID in NK1.1 which identifies what number the NK1 segment is.

How to Fix: If sending multiple NK1 segments, use the NK1.1 field to label the the order of NK1 segments.

Example of Error:

NK1**||**DOE^JANE^^^^^L|MTH^MOTHER^HL70063|

NK1**||**DOE^JOHN^^^^^L|FTH^FATHER^HL70063|

Example of Correction of Error: NK1**|1|**DOE^JANE^^^^^L|MTH^MOTHER^HL70063|

NK1**|2|**DOE^JOHN^^^^^L|FTH^FATHER^HL70063|

IEE-401

Message: IEE-401::Warning. Invalid responsible party last name (<LastName>). No value stored.

ACK Code: AE

Explanation: The next of kin information, found in the NK1 segment, specifically the individual's last name contains a special character or number which is invalid.

How to Fix: Verify the next of kin's information and correct if a data entry error.

IEE-402

Message: IEE-402::Warning. Responsible party last name - inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The next of kin information, specifically the individual's last name, is missing from the NK1 segment or contains a non-alphabetic character.

How to Fix: Verify the next of kin's last name information is entered in the patient's record in your system. If the next of kin's last name is entered, then contact your EHR vendor for support. If the next of kin's last name is not entered, then enter it in the patient's record in your system to ensure it gets sent in future files.

IEE-403

Message: IEE-403::Warning. Invalid responsible party first name (<firstName>). No value stored.

ACK Code: AE

Explanation: The next of kin information, found in the NK1 segment, specifically the individual's first name contains a special character or number which is invalid.

How to Fix: Verify the next of kin's information and correct if a data entry error.

IEE-404

Message: IEE-404::Warning. Responsible party first name - inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The next of kin information, found in the NK1 segment, specifically the individual's first name is missing.

How to Fix: Verify the next of kin's first name information is entered in the patient's record in your system. If the next of kin's first name is entered then contact your EHR vendor for support. If the next of kin's first name is not entered then enter it in the patient's record in your system to ensure it gets sent in future files.

IEE-405

Message: IEE-405::Warning. Invalid responsible party middle name (<MiddleName>). No value stored.

ACK Code: AE

Explanation: The next of kin information, found in the NK1 segment, specifically the individual's middle name contains a special character or number which is invalid.

How to Fix: Verify the next of kin's information and correct if a data entry error.

IEE-406

Message: IEE-406:: Informational Error. Responsible party middle name-inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The next of kin information, found in the NK1 segment, specifically the individual's middle name is missing.

How to Fix: Verify the next of kin's middle name information is entered in the patient's record in your system. If the next of kin's middle name is entered then contact your EHR vendor for support. If the next of kin's middle name is not entered then enter it in the patient's record in your system to ensure it gets sent in future files.

IEE-407

Message: IEE-407::Warning. No relationship code specified. Defaulting to guardian.

ACK Code: AE

Explanation: The next of kin information did not contain the relationship for the individual provided in the NK1 segment. The relationship is found specifically in NK1-3. If no relationship code is provided, the system sets the relationship to GRD (Guardian) by default.

How to Fix: Verify the next of kin's relationship is entered in the patient's record in your system. If it is entered then contact your EHR vendor for support. If it is not entered then enter it in the patient's record in your system to ensure it gets sent in future files.

Example of Error: `NK1|1|DOE^JANE^^^^^L|^HL70063|`

Example of Correction of Error:

`NK1|1| DOE^JANE^^^^^L |MTH^MOTHER^HL70063|`

IEE-408

Message: IEE-408::Warning. Incoming responsible person does not match existing responsible person where relationship is Self. Responsible person information not loaded.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-409

Message: IEE-409::Warning. Self responsible person name must match client name. Responsible person record ignored.

ACK Code: AE

Explanation: The individual indicated in the next of kin segment (NK1) is labeled as "SELF" meaning it is the patient being reported, yet the name of the individual in the NK1 segment does not match the patient's name in the PID segment. When reporting "SELF" as the NK1 relationship it must match the patient's name.

How to Fix: Verify the next of kin's information for the patient's record in your system. It is potentially a data entry error where the incorrect relationship for the next of kin was indicated. Correct if a data entry error.

IEE-410

Message: IEE-410::Warning. Invalid relationship code. Defaulting to guardian.

ACK Code: AE

Explanation: The next of kin relationship information contained an unacceptable or unrecognized value in the NK1 segment. The relationship is found specifically in NK1-3. If the system does not recognize the value provided, the system sets the relationship to GRD (Guardian) by default.

How to Fix: Verify the next of kin's relationship is entered in the patient's record in your system. If it is entered, then contact your EHR vendor for support as they may need to update their codes for next of kin relationship.

Example of Error: `NK1|1|DOE^JOE^^^^^L|DAD^FATHER^HL70063|`

Example of Correction of Error: `NK1|1|DOE^JOE^^^^^L|FTH^FATHER^HL70063|`

IEE-411

Message: IEE-411::Warning. Neither last name, address, nor telephone specified.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-412

Message: IEE-412::Warning. Invalid address (<OtherAddr>). Responsible person rejected.

ACK Code: AE

Explanation: The next of kin address information contained an unacceptable or unrecognized value. The next of kin information was rejected.

How to Fix: Verify the next of kin's address is entered in the patient's record in your system. If it is entered then verify no data entry issues exist. Correct if data entry related.

IEE-413

Message: IEE-413:: Phone number is empty or invalid or contains a placeholder value.

ACK Code: AE

Explanation: The phone number reported in PID-13 for the patient contains a place holder value of the same number repeated (Ex: 111-111-1111) or subsequent number (EX: 012-345-6789) to represent the 10-digit number. Place holder values are not accepted.

How to Fix: If the phone number of the patient is known then report the accurate value. If the phone number of the patient is not known then do not report any value. Work with your EHR vendor to prevent reporting placeholder values.

IEE-414

Message: IEE-414::Warning. Invalid RP mother's last name (<LastName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-415

Message: IEE-415::Warning. Invalid RP mother's first name (<firstName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-416

Message: IEE-416::Warning. Invalid RP mother's middle name (<MiddleName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-417

Message: IEE-417::Warning. Invalid father's last name (<LastName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-418

Message: IEE-418::Warning. Invalid father's first name (<firstName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-419

Message: IEE-419::Warning. Invalid father's middle name (<MiddleName>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-420

Message: IEE-420::Rejected immunization with missing information: HistoricalInd.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-421

Message: IEE-421::Warning. No assigning authority entered (<Field>).

ACK Code: AE

Global Explanation: This error identifies specific elements that are missing from the indicated field and due to the missing information the data is ignored. This error appears in various situations. Below is the most common error identified by the system.

Message: IEE-421:: Informational Error. No assigning authority entered ORC-12.9.

Explanation #1: The provider who ordered the vaccination is reported in ORC-12 but the information you provided did not contain the assigning authority information in ORC-12.9.

How to Fix #1: ORC-12 must contain the identity of the person who ordered the vaccine. ORC-12.1 contains the Provider's License Number, ORC-12.2 contains the provider's last name, ORC-12.3 contains the provider's first name, ORC-12.9 contains the State abbreviation for where the provider's license is authorized (e.g. TX for Texas) and ORC-12.13 contains the license type abbreviation (e.g. MD for medical license number).

Example of Error: `ORC|RE|…|12135^DOE^ANDY^^^^^^^^^MD|`

Example of Correction of Error: `ORC|RE|….|12135^DOE^ANDY^^^^^^TX^^^^MD|`

Message: IEE-421:: Informational Error. No assigning authority entered RXA-10.9.

Explanation #2: The person who administered the vaccination is reported in RXA-10 but the information you provided did not contain the assigning authority information in RXA-10.9.

How to Fix #2: RXA-10 must contain the identity of the person who administered the vaccine. RXA-10.1 contains the person's License Number, RXA-10.2 contains the person's last name, RXA-10.3 contains the person's first name, RXA-10.9 contains the State abbreviation for where the person's license is authorized (e.g. TX for Texas) and RXA-10.13 contains the license type abbreviation (e.g. RN for registered nurse number).

Example of Error: `RXA|0|…|24135^SMITH^DALE^^^^^^^^^RN|`

Example of Correction of Error: `RXA|0|…|24135^SMITH^DALE^^^^^^TX^^^^RN|`

IEE-422

Message: IEE-422::Informational Message. PID-6.1 - Mother's Maiden Last Name is invalid and was ignored.

ACK Code: AE

Explanation: The mother's maiden last name reported in PID-6.1 contains information that is not acceptable such as a placeholder or fake name.

How to Fix: Report only the legal information for the mother's maiden last name. Do not use placeholder names. If the information is not known then leave PID-6.1 blank.

IEE-423

Message: IEE-423:: Informational Message. PID-6.2 - Mother's first Name is invalid and was ignored.

ACK Code: AE

Explanation: The mother's first name reported in PID-6.2 contains information that is not acceptable such as a placeholder or fake name.

How to Fix: Report only the legal information for the mother's first name. Do not use placeholder names. If the information is not known then leave PID-6.1 blank.

IEE-426

Message: IEE-426::Warning. Patient's email address does not contain an @. Email address not stored.

ACK Code: AE

Explanation: The email address reported for the patient in PID-13 does not contain the @ symbol.

How to Fix: When reporting the patient's email address ensure it contains the @ symbol.

IEE-427

Message: IEE-427::Event Record rejected - Invalid Event/Priority Group combination (<KEY>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-428

Message: IEE-428::Event Record rejected - Submitting organization is not assigned to the Event (<KEY>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-502

Message: IEE-502::Informational Message+D107. Client does not have any immunizations associated with it in immunization file.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-510

Message: IEE-510::Immunization Rejected. Invalid administered code.

ACK Code: AE

Explanation: The administered code for the vaccination the patient received is invalid. The administered code is found in RXA-5. The registry strongly recommends the use of NDC or CVX codes for reporting immunizations.

How to Fix: Verify your system and EHR vendor are using the most recent code set established by the CDC.

IEE-511

Message: IEE-511::Informational Message. RXA #<RXA#> ignored. Refusal of Immunization is not accepted or stored in the registry.

ACK Code: AA

Explanation: The immunization reported in the RXA referenced was reported as refused in RXA-20 with a value of RE. The registry does not store refusal of immunizations, thefore the immunization and information reported on the refusal is rejected.

How to Fix: It is preferred that you do not report refusals as we will not store them. No correction needed as we do not store this data in our system.

Example of Error: `RXA|0|1|20220608|20220608|207^Moderna Booster (0.25ml)^CVX||||||1619471315^Parlee^Christopher^G|||||||||03^Patient decision^NIP002||RE|A`

IEE-512

Message: IEE-512::Warning. Added potential duplicate immunization in the system.

ACK Code: AE

Explanation: The immunization you reported was flagged as a potential duplicate immunization based on what immunization information already exists in the patient's registry record.

How to Fix: Review the patient's registry record to identify if the immunization is a duplicate immunization or not. If the immunization is a duplicate immunization that was not administered, you must submit a deletion request via HL7 to remove the information from the registry record. If the immunization is a duplicate immunization that was administered or the immunization is not a duplicate immunization, then no action is needed.

IEE-513

Message: IEE-513::Warning. Incoming immunization already exists in the system.

ACK Code: AE

Explanation: The immunization you reported already exists in the patient's registry records. So the immunization information you reported was not stored.

How to Fix: No action is needed.

IEE-515

Message: IEE-515::Informational Message. Incoming Immunization vaccine lot has expired.

ACK Code: AE

Explanation: The immunization you reported contains a vaccine lot that has expired according to the information reported in RXA-16. Expired vaccinations should not be administered to individuals.

How to Fix: Ensure that your system and EHR vendor have the correct expiration information listed for the vaccine lot reported. If the vaccine has expired, review your internal practices for expired vaccinations. If the vaccine is state funded through the TVFC or ASN programs, contact them for practices or guidance on expired vaccinations.

IEE-516

Message: IEE-516::Warning. Vaccine Lot is Not Active.

ACK Code: AE

Explanation: The incoming immunization submitted has an invalid vaccine lot due to expiration or being inactive.

How to Fix: Verify whether the vaccine lot being entered is active. Vaccine lot date must be a date in the future. Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-517

Message: IEE-517::Informational Message - Trade name (<Tradename>) not produced by manufacturer (<Manufacturer>). Defaulting to unknown manufacturer.

ACK Code: AE

Explanation: The trade name for the immunization you reported is not produced by the vaccine manufacturer you reported. Therefore, the system defaults the manufacturer to unknown.

How to Fix: Verify the immunization trade name and manufacturer information for your vaccinations and in your EHR system is accurate and up to date.

IEE-518

Message: IEE-518::Warning. Manufacturer code inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The immunization manufacturer identified in RXA-17 contains a value that is not acceptable or is missing.

How to Fix: Verify your system and EHR vendor are using the most recent code set established by the CDC for the immunization manufacturer. Identify if your system is capturing the manufacturer information accurately.

IEE-519

Message: IEE-519::Warning. NK1 segment/responsible person, missing.

ACK Code: AE

Explanation: When reporting for individuals under 18 years of age, you must include the information for the patient's next of kin. This is typically the patient's eMERgency contact or parent/legal guardian contact. The next of kin information is sent in the NK1 segment.

How to Fix: Work with your EHR vendor to identify which fields in your system contain the required next of kin information and send it in your data when reporting immunizations.

Example: `NK1|1|MOUSE^MINNIE^^^^^L|GRD^GUARDIAN^HL70063|123 SUNSHINE^^LAGRANGE^TX^78945^US^HOME|^HOME^PH^^^512^5555555||NOK^NEXT OF KIN|20131109||||||M|F|197809260000||||ENG|||||CAT`

IEE-520

Message: IEE-520::Warning. Administering provider field is not formatted correctly.

ACK Code: AE

Explanation: The 2nd component of RXA-10 is empty and the entire field is ignored.

How to Fix: Populate the 2nd component of RXA-10 with the provider's last name, the 3rd component with the provider's first name, and the 5th component with the provider's license information (e.g., LPN, RN, MD).

Example of Correction of Error:
```
RXA|0|1|201803260027|201803260027|09^TD(ADULT)^CVX|0.5|ML^MILLILITER^UCUM
^^^^1.1||00^NEW IMMUNIZATION RECORD^NIP001|^JONES^ROBERT^B^RN^MR
^^^^^^^VEI^^~^SHAFFER^TERRENCE^P^MD^DR^^^^^^^OEI|
```

IEE-521

Message: IEE-521::Warning. More than one clinician found to match (<LastName>, <firstName>).

ACK Code: AE

Explanation: The name of the clinician provided in RXA-10 matches more than one clinician stored in our system. As the system is unable to identify which of the clinicians to match to, the clinician information is ignored.

How to Fix: You must MERge and manage your clinicians through ImmTrac2. Please refer to the **Quick Guide – How to MERge Clinicians in ImmTrac2** that is available on our DSHS website for instructions and guidance.

IEE-522

Message: IEE-522::Warning. Invalid administered by last name (<LastName>). No value stored.

ACK Code: AE

Explanation: The name of the provider who administered the vaccination is identified in RXA-10.2. The last name entered in this field contained a value that is unacceptable, so the information was not stored.

How to Fix: Verify that the name of the provider who administered the immunization is correctly entered in your system. Correct if a data entry error.

IEE-523

Message: IEE-523::Warning. Invalid administered by first name (<firstName>). No value stored.

ACK Code: AE

Explanation: The name of the provider who administered the vaccination is identified in RXA-10.3. The first name entered in this field contained a value that is unacceptable, so the information was not stored.

How to Fix: Verify that the name of the provider who administered the immunization is correctly entered in your system. Correct if a data entry error.

IEE-524

Message: IEE-524::Warning. Invalid administered by middle Name (<MiddleName>). No value stored.

ACK Code: AE

Explanation: The name of the provider who administered the vaccination is identified in RXA-10. The middle name entered in this field contained a value that is unacceptable, so the information was not stored.

How to Fix: Verify that the name of the provider who administered the immunization is correctly entered in your system. Correct if a data entry error.

IEE-532

Message: IEE-532::Warning. No client financial class values specified. PV1 segment ignored.

ACK Code: AE

Explanation: PV1 segment is used to report patient visit information. PV1-20 is used to identify the patient's financial class for the immunization administered. The patient's financial class was not included or reported in PV1-20 so our system ignored this information.

How to Fix: If utilizing PV1 segments, ensure the patient's financial values are included in the appropriate field.

IEE-533

Message: IEE-533::Warning. Vaccine eligibility code is not valid. No value stored.

ACK Code: AE

Explanation: The vaccine eligibility code (aka financial class) that you reported for the vaccination administered contains a value that is unacceptable.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff are selecting the appropriate eligibility code.

Example of Correction of Error: `OBX|1|CE|30963-3^VACCINE FUNDING SOURCE^LN|1|TXA06^Private funds^CDCPHINVS||||||F|||20180723|||||`

IEE-536

Message: IEE-536::Warning. Invalid financial class value. No value stored.

ACK Code: AE

Explanation: If no valid financial class value is specified, an error will occur, causing no value to be stored.

How to Fix: Populate PV1-20 field with financial class value.

Example of Correction of Error:
`PV1||O|EP^PARK^2||||2412^WILLIAM^SAM|||OP|||||||||3|^20190809^V02`

IEE-537

Message: IEE-537::Warning. Vaccine eligibility code empty or not valid for organization. No value stored.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered contains no value or is not an appropriate value for your organization.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff is selecting the appropriate eligibility code. Contact the Texas Immunization Registry for additional information and assistance regarding the appropriate codes for your organization.

Example of Correction of Error: `OBX|1|CE|64994-7^Vaccine funding program eligibility category^LN|0| TXA01^CHIP^HL70064 ||||`

IEE-538

Message: IEE-538::Warning. Vaccine eligibility code is not valid for organization. No value stored.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered is not an appropriate value for your organization.

How to Fix: Contact the Texas Immunization Registry for additional information and assistance regarding the appropriate codes for your organization.

Example of Correction of Error: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|V01^NOT VFC ELIGIBLE^HL70064|`

IEE-539

Message: IEE-539::Warning. Incorrect eligibility code should be an adult code.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered was incorrect and you need to report or use a vaccine eligibility code that is for adults.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff are selecting the appropriate eligibility code.

Example of Error: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|V01^NOT VFC ELIGIBLE^HL70064|`

Example of Correction of Error: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|TXA04^NOT VFC ELIGIBLE^HL70064|`

IEE-540

Message: IEE-540::Warning. Incorrect eligibility code, should be a child code.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered was incorrect and you need to report or use a vaccine eligibility code that is for children.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff are selecting the appropriate eligibility code.

Example of Error: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|V01^NOT VFC ELIGIBLE^HL70064|`

Example of Correction of Error: `OBX|1|CE|64994-7^VACCINE FUND PGM ELIG CAT^LN|1|V01^NOT VFC ELIGIBLE^HL70064|`

IEE-541

Message: IEE-541::Warning. Incorrect underinsured code, should be TXA02.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered, specifically for an underinsured patient, was incorrect. You need to report or use the vaccine eligibility code of TXA02.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff are selecting the appropriate eligibility code.

Example of Correction of Error: `OBX|1|CE|64994-7^VACCINE FUNDING PROGRAM ELIGIBILITY CATEGORY^LN|1|TXA02^^HL70064|||||||F|| |20161107`

IEE-542

Message: IEE-542::Warning. Incorrect underinsured code, should be V05.

ACK Code: AE

Explanation: The vaccine eligibility code that you reported for the vaccination administered, specifically for an underinsured patient, was incorrect. You need to report or use the vaccine eligibility code of V05.

How to Fix: Verify your system and EHR vendor are using the appropriate values for vaccine eligibility and that your staff are selecting the appropriate eligibility code.

Example of Correction of Error: `OBX|1|CE|64994-7^VACCINE FUNDING PROGRAM ELIGIBILITY CATEGORY^LN|1|V05^VFC ELIGIBLE - UNDERINSURED^HL70064|||||||F|||20161107`

IEE-543

Message: IEE-543::Informational Message. D60 vaccine eligibility code not valid for client's age. No value stored.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-551

Message: IEE-551::Warning. Effective date must be on or after client's birthdate and on or before today. Eligibility information for financial class <FinancialClass> will not be stored.

ACK Code: AE

Explanation: The date submitted as the effective date for the insurance is not valid. The date cannot be before the patient's date of birth.

How to Fix: Populate PV1-20 field with valid effective date on or after patient's birthdate. Ensure that the date is in YYYYMMDD format.

IEE-552

Message: IEE-552::Financial class effective date is required.

ACK Code: AE

Explanation: The effective date that the patient's insurance was verified is required and cannot be blank.

How to Fix: Populate PV1-20 field with effective date.

Example: PV1||O|EP^PARK^2||||2412^WILLIAM^SAM|||OP|||||||||3|^**20190809**^V02

IEE-553

Message: IEE-553::Warning - Invalid class effective date. Not a valid date. No value stored.

ACK Code: AE

Explanation: The effective date for the patient's insurance contains a date that is invalid or contains values that are not acceptable such as special characters.

How to Fix: Populate PV1-20 field with a valid effective date that is in the YYYYMMDD format.

Example: PV1||O|EP^PARK^2||||2412^WILLIAM^SAM|||OP|||||||||3|^**20190809**^V02

IEE-554

Message: IEE-554::Warning - Invalid financial class effective date format. No value stored.

ACK Code: AE

Explanation: The effective date for the patient's insurance contains a date but not in the acceptable format.

How to Fix: Populate PV1-20 field with a valid effective date that is in the YYYYMMDD format.

Example: `PV1||O|EP^PARK^2||||2412^WILLIAM^SAM|||OP|||||||||3|^20190809^V02`

IEE-555

Message: IEE-555::Warning - Invalid financial class effective date. Future date. No value stored.

ACK Code: AE

Explanation: The effective date for the patient's insurance contains a date that is in the future.

How to Fix: Populate PV1-20 field with a valid effective date that is in the YYYYMMDD format.

IEE-556

Message: IEE-556::Warning - Invalid financial class effective date. Date of birth after financial class effective date. No value stored.

ACK Code: AE

Explanation: The effective date for the patient's insurance contains a date that is prior to the patient's date of birth.

How to Fix: Populate PV1-20 field with a valid effective date that is in the YYYYMMDD format.

IEE-557

Message: IEE-557::Effective date was not provided. Eligibility information for financial class <FinancialClass> will not be stored.

ACK Code: AE

Explanation: The patient's insurance effective date is missing from the data you reported. This information can be identified in IN1-12 or PV1-20.

How to Fix: Populate IN1-12 or PV1-20 with a valid insurance effective date.

Example of Correction of Error:

```
IN1|1||1973|MEDICARE PART B OF
TEXAS|||40765415465|GRP2142140|GRP1234343||| 20190517|20200130||
PV1||O|EP^PARK^2||||2412^WILLIAM^SAM|||OP|||||||||3|^20190809^V02
```

IEE-559

Message: IEE-559::Financial class <Financialclass> is duplicated. Only one record for this financial class will be stored.

ACK Code: AE

Explanation: The registry requires only one financial class to be reported for the patient.

How to Fix: Report only one financial class for the patient.

IEE-560

Message: IEE-560::For HL7 Ver 2.3 and 2.4, VFC eligibility should be recorded in PV1.

ACK Code: AE

Explanation: For HL7 ver 2.3 and 2.4, VFC eligibility should be recorded in the PV1 segment.

How to Fix: Refer to the CDC and Texas HL7 Implementation Guide for guidance on reporting this data.

IEE-561

Message: IEE-561::Informational Message. The client status is ignored. Client exists in ImmTrac2 with a status of permanently inactive deceased.

ACK Code: AA

Explanation: The patient exists in the registry with a status of permanently inactive (deceased), therefore the information immunization registry status in PD1-16 is not updated in the registry.

How to Fix: Verify the patient's status. If the patient is living, then contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-562

Message: IEE-562::Invalid VFC eligibility code provided (<FinancialClass>) VFC record will not be stored.

ACK Code: AE

Explanation: Financial class reflects a patient's eligibility status at the time when a vaccine is administered. The VFC eligibility code reported is invalid.

How to Fix: Reference VFC eligibility code guidelines to ensure your organization is reporting the correct codes for each patient. Refer to the Texas Immunization Registry HL7 2.5.1 Implementation Guide for guidance on reporting this data.

IEE-564

Message: IEE-564::PV1 segment ignored in HL7 Version 2.5.1 and later. Please use OBX to submit VFC eligibility. No value stored.

ACK Code: AE

Explanation: You reported a PV1 segment for the patient, but this segment is not used in HL7 Version 2.5.1. To report vaccine eligibility (VFC) for the patient utilize the OBX segment.

How to Fix: Contact your EHR vendor to update your system and to report all the vaccine eligibility information in the OBX segments.

IEE-565

Message: IEE-565::Potential client match with (<ClientID>). DOB mismatch. If reported DOB is correct, please contact ImmTrac2 for resolution.

ACK Code: AE

Explanation: Our systems have found an existing registry client with a different date of birth that potentially matches the patient you reported.

How to Fix: Use the client ID provided to look up the potential match in the registry to determine if the patient you reported is this registry client. If the patient matches the registry client, contact the registry's CustoMER Support Team for assistance with resolving the date of birth discrepancy. If the patient does not match the registry client, contact the registry's CustoMER Support Team for assistance with resolving any questionable match information for the patient you reported.

IEE-566

Message: IEE-566::Record Rejected, Empty Segment in record.

ACK Code: AE

Explanation: Caused by a formatting error in consent affirmation flat files. This record was rejected, this update will not be retained in the registry.

How to Fix: Work with your EHR vendor to ensure that affirmation flat files are formatted correctly. Refer to "Electronic Standards for Affirmation of Registry Consent" on the Forms and Documents page of ImmTrac2's DSHS website for more information on sending consent affirmation via flat file. Contact the Texas Immunization Registry for further assistance with HL7 errors.

IEE-567

Message: IEE-567::Record Rejected, Only authorized to submit queries.

ACK Code: AE

Explanation: Your organization is only authorized to submit queries. This record was rejected, this update will not be retained in the registry.

How to Fix: Contact the Texas Immunization Registry if your organization is interested in sending vaccine update messages to the registry as well as queries.

IEE-568

Message: IEE-568::Record Rejected, Unknown Segment in record.

ACK Code: AE

Explanation: Caused by a formatting error in consent affirmation flat files.

How to Fix: Work with your EHR vendor to ensure that affirmation flat files are formatted correctly. Refer to "Electronic Standards for Affirmation of Registry Consent" on the Forms and Documents page of ImmTrac2's DSHS website for more information on sending consent affirmation via flat file. Contact the Texas Immunization Registry for further assistance with HL7 errors.

IEE-569

Message: IEE-569::Record Rejected. <DeathDate> is not a valid date.

ACK Code: AE

Explanation: The date of death reported for the patient in PID-29 contains an invalid date or information. This record was rejected, this update will not be retained in the registry.

How to Fix: The date of death must be reported using the YYYYMMDD format.

IEE-570

Message: IEE-570::Warning. The administration route code has inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The route and location where the vaccination was administered is identified in the RXR segment. The information with the RXR segment contains an administration route code with a value that is not acceptable or blank.

How to Fix: Ensure your system has the appropriate codes and values for the RXR segment and administration route code.

IEE-571

Message: IEE-571::Warning. The body site code has inaccurate or missing data. No value stored.

ACK Code: AE

Explanation: The body site code that indicates where the vaccination was administered, identified in RXR-2, contains a value that is not acceptable or blank.

How to Fix: Ensure your system has the appropriate codes and values for the RXR segment and body site code.

IEE-572

Message: IEE-572::WARNING. The administered amount in RXA-6 is missing or is a value of 999 for an administered AIM.

ACK Code: AE

Explanation: The immunization reported was indicated as newly administered (RXA-9 with a value of 00) but the administered amount in RXA-6 as 999 or blank. The missing information does not prevent the immunization from being stored in ImmTrac2, if the patient is a registry client.

How to Fix: Work with your EHR vendor to ensure that all new administered immunizations contain an administered amount in RXA-6.

Example of Error: RXA|0|1|20220408|20220408|49^Hib^CVX**||**mL||00^New immunization record^NIP001||^^^1112952000|||||ABC123||MSD^MERck^MVX|||CP|A

Example of Correction of Error: RXA|0|1|20220408|20220408|49^Hib^CVX|**0.5**|mL||00^New immunization record^NIP001||^^^1112952000|||||ABC123||MSD^MERck^MVX|||CP|A

IEE-573

Message: IEE-573::WARNING. The administered unit in RXA-7 is missing when RXA-6 is populated for an administered AIM.

ACK Code: AE

Explanation: The immunization reported was indicated as newly administered (RXA-9 with a value of 00) and contains an administered amount in RXA-6 but there is no administered unit reported in RXA-7. The missing information does not prevent the immunization from being stored in ImmTrac2, if the patient is a registry client.

How to Fix: Work with your EHR vendor to ensure that all new administered immunizations contain an administered unit in RXA-7.

Example of Error: RXA|0|1|20220408|20220408|49^Hib^CVX|0.5**||**|00^New immunization record^NIP001||^^^1112952000|||||ABC123||MSD^MERck^MVX|||CP|A

Example of Correction of Error: RXA|0|1|20220408|20220408|49^Hib^CVX|0.5|**mL**||00^New immunization record^NIP001||^^^1112952000|||||ABC123||MSD^MERck^MVX|||CP|A

IEE-574

Message: IEE-574::Warning. The administered unit in RXA-7.1 exceeds 20-characters limit, use only the unit code and not unit description.

ACK Code: AE

Explanation: The immunization reported was indicated as newly administered (RXA-9 with a value of 00) and contains an administered unit reported in RXA-7.1 that is more than 20 characters long. The missing information does not prevent the immunization from being stored in ImmTrac2, if the patient is a registry client.

How to Fix: Work with your EHR vendor to ensure you are reporting the unit code in RXA-7.1 instead of the full description of the unit code.

IEE-580

Message: IEE-580::Record Rejected. Consent not specified for client over 18 and imm does not qualify under eMERgency consent guidelines.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-581

Message: IEE-581::Record Rejected. A relationship between this client already exist in the registry.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-582

Message: IEE-582::Update or Record Rejected. Client does not exist in the registry.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-583

Message: IEE-583::Record Rejected. Message type not supported when client does not already exist in registry.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-584

Message: IEE-584::Record Rejected. More than one match was found in the registry.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-585

Message: IEE-585::Record Rejected. Record Identifier must be specified.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-586

Message: IEE-586::Record Rejected. The "Sending Facility" in MSH-4 is not identified as a parent or vendor of the "Sending Responsible Organization" in MSH-22.

ACK Code: AE

Explanation: The TX IIS ID listed in MSH-22 does not belong to the parent or stand-alone organization listed in MSH-4 according to our records.

How to Fix: Contact the registry for support with correcting the sites (TX IIS IDs) within your organization in our system.

IEE-587

Message: IEE-587::Record Rejected, segment out of order or in wrong position.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-588

Message: IEE-588::Update rejected. Client does not exist in the registry.

ACK Code: AE

Explanation: This record was rejected, this update will not be retained in the registry.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-590

Message: IEE-590::Warning. Added incoming immunization (as Other Inventory), Inventory deduction skipped due to missing incoming Vaccine Lot.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-591

Message: IEE-591::Warning. Added potential duplicate immunization in the system (as Other Inventory), Vaccine Lot Submitted Not Found.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-592

Message: IEE-592::Warning. Added potential duplicate immunization in the system with vaccine lot (<LOT_NUMBER>).

ACK Code: AE

Explanation: The immunization reported matched an immunization already in the patient's record that contained the same lot number. The immunization reported is flagged as a potential duplicate immunization and added to the registry record.

How to Fix: Review the patient's registry record to identify if the immunization is a duplicate or not. Contact the registry's Interoperability Team for additional support with this error.

IEE-594

Message: IEE-594::Warning. The incoming delete immunization does not match an existing immunization in ImmTrac2. This delete was not processed.

ACK Code: AE

Explanation: The incoming request to delete an immunization does not match an immunization in the patient's registry record in ImmTrac2. The request to delete the immunization is not processed.

How to Fix: No action needed as the immunization does not exist in the registry.

IEE-596

Message: IEE-596::Warning. The sending provider organization does not own the existing matched immunization in ImmTrac2. This delete was not processed.

ACK Code: AE

Explanation: The incoming request to delete an immunization was not originally reported by your organization, therefore you do not have permission to delete the immunization. Only the owning organization that reported the immunization originally can delete immunizations. The request to delete the immunization is not processed.

How to Fix: Contact the registry for additional information and assistance.

IEE-600

Message: IEE-600::Warning. Invalid coding system name.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-601

Message: IEE-601::Warning. Invalid applies to date. No value stored.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-602

Message: IEE-602::Warning. Invalid observation reaction value. No value stored.

ACK Code: AE

Explanation: The observation reaction reported in OBX-5 contains a value that is not acceptable.

How to Fix: Enter a valid observation reaction value in OBX-5 based on the information reported in OBX-3. Contact your EHR vendor to update your system and coding with appropriate values.

IEE-603

Message: IEE-603::Warning. Observation reaction value D no date of death specified.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-604

Message: IEE-604::Record Rejected. Adoption Record Birth Certificate (<CertNumber>) search failed and record didn't contain Minimum Demographic Data to continue processing.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-605

Message: IEE-605::Record Rejected. Birth Certificate (<CertNumber>) search failed and record didn't contain Minimum Demographic Data to continue processing.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-606

Message: IEE-606::Record Rejected. Client does not have any immunizations associated with it in immunization file.

ACK Code: AE

Explanation: There is no information on this error at this time

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-607

Message: IEE-607::Record Rejected. Client is older than 18 years and the protection indicator is not 'N'.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-608

Message: IEE-608::Record Rejected. Client is older than 18 years and the consent indicator is not 'Y'.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-609

Message: IEE-609::Record Rejected. Client may not be updated because their protection indicator is not 'N' or the consent indicator is not specified and the existing protection indicator is not 'N'.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-610

Message: IEE-610::Record Rejected. Client may not be updated because their consent indicator is not 'Y' or the consent indicator is not specified and the existing consent indicator is not 'Y'.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-611

Message: IEE-611:Record Rejected. Incoming Pneumoc 23 Imm rejected due to PneumoConjugate Imm on file w/i 4d window. Client ID is <ClientID>.

ACK Code: AE

Explanation: The reported Pneumococcal 23 vaccination was rejected because an existing Pneumococcal Conjugate immunization is on file with a date of administration of 4 days of the vaccine you reported. This error identifies potential duplicate immunization for the patient.

How to Fix: Verify the patient's immunization records to determine if patient received duplicate immunizations or was over vaccinated. Correct if a data entry error.

IEE-612

Message: IEE-612::Record Rejected. New Birth client was matched to an existing client that has a SFN Birth Number (<CertNumber>).

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-613

Message: IEE-613::Record Rejected. User Org Must Match Initiating Org.

ACK Code: AE

Explanation: The value reported in MSH-4, MSH-22 and RXA-11.4 was an invalid TX IIS ID or was a valid TX IIS ID not belonging to the parent or standalone org of the data exchange account. The patient and immunization reported is rejected.

How to Fix: Identify the value in MSH-4, MSH-22 and RXA-11.4 and contact your EHR vendor to inform them that the value is incorrect or invalid. Provide the EHR vendor the TX IIS ID that belongs to the parent or standalone org of the data exchange account so they can map MSH-4 with that value and the TX IIS IDs within your organization (if a parent org) so they can properly map MSH-22 and RXA-11.4. Once the information is corrected, the patient and immunization data that encountered this error needs to be resubmitted.

IEE-615

Message: IEE-615::Warning. Submitting Organization not recognized.

ACK Code: AE

Explanation: The value reported in ORC-17 was not the TX IIS ID for the organization submitting the data. ORC-17.1 must be the same as the value reported in RXA-11.4 which is the TX IIS ID for the organization reporting the immunization.

How to Fix: Work with EHR vendor to ensure ORC-17.1 contains the TX IIS ID for the organization submitting the data.

Example of Error:

```
ORC|RE|301731H18412^MYEHR|301731H18412^MYEHR|||||||
^Smith^Jonna^^^^^^^L^^^||1376561647^Lastname^Doctor^^^^^^NPI^L^^^NPI|||||
1790262681^My Pediatrician^NPI|||||||
```

Example of Correction of Error: ORC|RE|301731H18412^MYEHR|301731H18412^MYEHR |||||||^Smith^Jonna^^^^^^^L^^^||1376561647^Lastname^Doctor^^^^^^NPI^L^^^NPI |||||1126110009^My Pediatrician^NPI|||||||

IEE-700

Message: IEE-700::Warning. More clients were found than allowed (10). No client returned.

ACK Code: AE

Explanation: When you queried our system for your patient, our system found more than 10 registry clients that potentially match your patient. Our system may only return a maximum of 10 records of registry clients. Because the potential matches exceeded 10, no records were returned for you to review.

How to Fix: Narrow your query criteria to potentially find the correct registry client and record for your patient by adding more patient demographics to your query. This may allow the registry to return a more accurate list of potential matches.

IEE-701

Message: IEE-701::Warning. More clients were found than requested (<Count>). No clients returned.

ACK Code: AE

Explanation: When you queried our system for your patient, our system found more than "count" (e.g. the number of records identified in RCP-2) registry clients that potentially match your patient. Our system may only return a maximum of 10 records of registry clients. Because the potential matches exceeded the count you indicated in RCP-2, no records were returned for you to review.

How to Fix: Expand your query criteria to allow more registry records to be returned by modifying RCP-2 to indicate a value of 10. This will allow your system to receive up to 10 potentially matched registry clients. Your EHR vendor must assist you with this modification.

IEE-800

Message: IEE-800::Warning. This comment matches another comment in incoming file.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-801

Message: IEE-801::Warning. Invalid coding system name.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-802

Message: IEE-802::Warning. ANAPH comment ignored, no matching imm on same date.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-803

Message: IEE-803::Warning. Invalid observation comment value. No value stored.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-804

Message: IEE-804::Warning. Invalid observation date format. No value stored.

ACK Code: AE

Explanation: The date reported in OBX-14 is in an unacceptable date format.

How to Fix: The date must be reported using the YYYYMMDD format.

IEE-805

Message: IEE-805::Warning. Invalid observation date. Date of birth after observation date. No value stored.

ACK Code: AE

Explanation: The date reported in OBX-14 is before the patient's date of birth.

How to Fix: Verify the date of the observation and correct if a data entry error.

IEE-806

Message: IEE-806::Warning. Invalid observation date. Future date. No value stored.

ACK Code: AE

Explanation: The date reported in OBX-14 contains a date in the future.

How to Fix: Verify the date of the observation and correct if a data entry error.

IEE-807

Message: IEE-807::Warning. Invalid observation date. Not a valid date. No value stored.

ACK Code: AE

Explanation: The date reported in OBX-14 contains an unacceptable value.

How to Fix: Ensure the date adheres to the YYYYMMDD format.

IEE-808

Message: IEE-808::Informational Message. Medicaid number invalid, non-nuMERic found.

ACK Code: AE

Explanation: The patient's Medicaid number reported contained non-nuMERic values, such as special characters or alpha characters.

How to Fix: Ensure the Medicaid number contains nine nuMERics.

IEE-809

Message: IEE-809::Warning. Medicaid number invalid, repeating characters.

ACK Code: AE

Explanation: The patient's Medicaid number reported contained repeating characters.

How to Fix: Ensure the Medicaid number contains the real Medicaid ID for the patient. If the Medicaid number is not known then leave the information blank.

IEE-900

Message: IEE-900::Warning. Insurance carrier code not a recognized Medicaid/Salud insurance carrier.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-901

Message: IEE-901::Warning. Insurance carrier code invalid or missing.

ACK Code: AE

Explanation: The IN1-3 field contains the identifier for the patient's health insurance company. The value in this field contains an unacceptable value or was blank.

How to Fix: Contact your EHR vendor to assist with populating IN1-3 with a unique insurance carrier code.

IEE-902

Message: IEE-902::Warning. No insurance verification date sent for new administered immunization. Please verify insurance.

ACK Code: AE

Explanation: The IN1-29 field is used to document the date the patient's medical or health insurance benefits were verified. This information is missing and is required.

How to Fix: Verify the date the patient's benefits were verified and correct if a data entry error.

Example: `IN1|1||706894089|MEDICAID|||||||||||||||||||||||||20190101|`

IEE-903

Message: IEE-903::Warning. Invalid insurance coverage for clients age sent for new administered immunization. Please verify insurance.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-904

Message: IEE-904::Warning. Insurance policy number is missing.

ACK Code: AE

Explanation: IN1-36 identifies the insurance policy number, but the information is missing.

How to Fix: Populate IN1-36 with the patient's insurance policy number.

Example: `IN1|32||||M1899087`

IEE-998

Message: IEE-998:: Warning. Invalid <Owner> <Component> (<Street>). Value not stored.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

IEE-999

Message: IEE-999::Warning. <Status> is not a valid Mothers HBsAg Status.

ACK Code: AE

Explanation: There is no information on this error at this time.

How to Fix: Contact the Texas Immunization Registry for assistance with HL7 errors.

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