

HL7 Interoperability

COMMON ERROR/WARNING MESSAGES AND FAQs

HL7 File Processing

COMMON ERROR/WARNING MESSAGES

Error #1: Vaccination Product

Error:

+ Vaccination product is invalid

Description:

The vaccination product was recognized by DQA but was not accepted for submittal.

This error was received in a test file where an arbitrary manufacturer was listed as the maker of the immunization product. DQA will mark a message as an error if the manufacturer and lot number do not match the immunization product.

Resolution:

Update the manufacturer/lot information listed for the immunization product.

Error #2: Vaccination Admin Code

Error:

+ Vaccination admin code is invalid, Vaccination CPT Code = '90646'

Description:

The Vaccination Admin code was recognized by DQA but was not accepted for submittal. This error was received in a test file where CPT Code 90646 was submitted for a patient immunization that was administered 2012. CPT 90646 links to CVX Code 46, which CDC rendered inactive on 5/28/10. DQA is set to error out any immunization administered after the vaccination became inactive.

Resolution:

If the shot is historical, change the date to when the vaccination was administered. Otherwise, use the current active code for the product (A list of cvx codes in our system is embedded in the FAQ section of this document).

Error #3: Vaccination Facility ID

Error:

+Vaccination facility id is invalid

Description:

RXA-11 does not include the PFS number of the site that administered the vaccination. This is a required field for all newly administered vaccinations.

Resolution:

Add the PFS number for RXA-11 (see blue text below). Refer to 3.5 RXA: Pharmacy/Treatment Administration Segment Definition of the Implementation Guide for more information.

```
RXA|0|1|20120518|20021214|48^Hib^CVX|0.5|ML||00^Administered^NIP0001||^  
^^1234567890^^^3131 Briarpark Dr., Ste  
108^^Dallas^TX^77042^US||||I2110SY||SKB^GlaxoSmithKline^MVX||||A|
```

Error #4: Vaccination Information Source

Error:

+Vaccination information source is missing

Description:

ImmTrac is following the NCIRD's guidelines by using this field to indicate whether the immunization being reported was administered (new) or came from other records (historical). It is not specified in the RXA segment whether this is a new or an historical immunization record.

Resolution:

In RXA-9 (see blue text below), add the administration notes to indicate a new or historical immunization.

- New immunization: |00^New Immunization Record^NCIRD001|
- Historical immunization: |01^Historical Information^NCIRD001|

```
RXA|0|999|20060817091022|20060817091022|20^DTaP^CVX|999|||
00^New Immunization Record^NCIRD001|
1008765^^^^^^^^TX^^^^MD|
^^^1234567890^^^^^321 Medical Dr.^Suite 325^Austin^TX^78756^US|||
X-1234||MSD^MERCK^MVX|<CR>
RXA|0|999|20040908|20040908|08^HepB^CVX^90744^HepB^C4|999|||
01^Historical information^NCIRD001|<CR>
```

Error #5: MSH Sending Facility

Error:

+ HL7 MSH sending facility is invalid

Description:

In the Message Header Segment (MSH), the PFS number for the Provider sending the HL7 message is not included.

Resolution:

In MSH-4, (see blue text below), add 10 digit PFS number for the Parent Provider. Refer to Section 3.1 MSH: Message Header Segment Definition in the Implementation Guide for more information.

```
MSH|^~\&|ABC|1023456789|TxImmTrac|TxDSHS|20120518205126||VXU^V04^VXU_V04|TES  
T 000|P|2.5.1
```

Error #6: Missing RXA Segment

Error:

+ HL7 RXA segment is missing, in repeat #4

Description:

A test document including three RXA segments got a message about the 4th RXA segment missing. We discovered that the sender submitted the file with the ORC segment, which is not required, but if it is sent it must be followed by an RXA segment. The ORC came after the 3rd RXA segment, and therefore DQA expected to find a 4th RXA segment after it. It didn't, so this error was received.

Resolution:

If including the ORC segment, ensure that it appears before the RXA, not after.

```
ORC|RE||197023^DCS|||||^Clerk^Myron|||||DCS^Metro Clinic|  
RXA|0|999|20060903|20060903|20^DTaP^CVX|999|
```

HL7 File Processing

FREQUENTLY ASKED QUESTIONS (FAQS)

How will I know if there are any errors found in my submitted file?

- Once DQA has completed validating your file, you will receive an automated email message *only if* there were errors.
- If there are errors, the email will inform you of the number of errors and warnings found and direct you to your DQA folder on our secure FTP server.
- Based on the feedback received, you may choose to fix the errors/warnings and resubmit only the messages that had errors. **Do not resubmit the entire file**, as this will result in duplicate immunization messages being submitted to ImmTrac.

Who do I contact for information regarding:

Topic	Contact	Phone #
FTP setup or connection issues	Arthur Lara	512-776-3056
Consent Files	Kim Ruemke	512-776-6830
Stage 1 Meaningful Use	Kevin Allen	512-776-6603
CPT-CVX Code Match or MVX code issues	Lola Davis	512-776-3868
For all other calls	ImmTrac Customer Service	800-348-9158

I need to FTP credentials. How to I get them?

- If your site is still in registration, you may request that the registration contact in your organization add you.
- If your site is already testing, you will need to have the ImmTrac contact on record send an email to Rachelle Zani requesting FTP credentials on your behalf. Be sure that the ImmTrac contact includes the following in your email:
 - Your name
 - Your email address
 - The import code/PFS number for your site.

What is the best way to manage who receives the email notifications coming out of DQA?

The default is for the ImmTrac contact to be in receipt of the acknowledgement and error notification emails. Anyone can be added to this list, but if there are more than two, or if the audience is expected to change often, it may be helpful to set up a generic email list address on your end so that you can move people in and out of that generic email list as needed.

I received a fatal error email on my file, but when I went to the DQA Reports folder to review the reports, the folder was empty. Why?

Reports are placed in the DQA reports folder only after the file is processed. When a file receives a fatal error, the system is prevented from processing the file at all. Therefore, the DQA Reports folder will be empty when a fatal error was found on a file .

How can I know when a code becomes inactive? I'm having trouble determining which codes are valid and which are not.

- A list of the CDC CVX codes and their status in our system is available on the TxDSHS Meaningful Use website at <http://www.dshs.state.tx.us/immunize/immtrac/attestation.shtm>
- It lists the date that the vaccination code became inactive, and indicates codes Texas does not accept.

I tried to submit a file to the FTP server, but got this error message:

```
452 Quota Exceeded: 90 files; 1096397 bytes  
MYFILE12188b.HL7 – 0 bytes transferred  
PASV  
227 Entering Passive Mode(159,84,129,40,19,144)  
LIST  
Connect socket #1992 to 160.84.126,50, port4556...
```

Once the 300 file limit is reached you will have met your quota and will not be able to do anything else until you reduce (delete or move files off their subfolders) the number below 300.

The Accepted and DQA-Report folders are read only, so the only way to delete files in these folders is to contact the DSHS Security Coordinator.

Not all of our Historical Immunizations will have a date for when they were administered, but the date is required. How do we report these?

If a vaccination date is unavailable, do not send those records. Since the date(s) of immunization are not known, the age appropriate vaccination schedule should be utilized since the individual would be considered as “susceptible”.

We've been submitting files regularly for a while now. When can we be promoted to LIVE?

- The ImmTrac Interoperability Staff promotes Providers to live once they have confidence in their ability to continually send quality files on a regular basis. The minimum requirements are as follows:
 - Submit at least two* error free files
 - Files must contain Live data
 - Files must result in no errors
 - Files must be 25+ messages in length
 - Files must be unique
 - Provider staff (not the EHR Vendor) has demonstrated their ability to carry out the tasks of reviewing/fixing errors

*Depending on the error percentages of your previous files, the ImmTrac Interoperability Staff may request additional files before they have the level of confidence required for promotion.

Am I required to send immunizations?

- Yes, Texas State Law, as a result of House Bill 1921, 78th legislature, mandates that **all health-care providers and payors must report all immunizations administered to any person younger than 18 years of age to ImmTrac, the Texas Immunization Registry, regardless of knowledge of consent in the Registry.**
- Providers and payors may report adult vaccinations to ImmTrac, but it is not required by law. This is recommended to facilitate adult records being as complete as possible.
- The Health Insurance Portability and Accounting Act (HIPAA) states that it is legal to share information with the Texas Department of State Health Services per the Health and Safety Code.
 - Please refer to the Health and Safety code Title 2, Subtitle H, Chapter 161, Subchapter A, Section 161.007(d.) for reporting requirements:
 - <http://www.statutes.legis.state.tx.us/Docs/HS/htm/HS.161.htm>.

Am I required to verify consent before sending immunizations?

- No, verification of consent is not required. ImmTrac will verify consent before adding a client's immunizations to the registry. Please refer to the Health and Safety code Title 2, Subtitle H, Chapter 161, Subchapter A, Section 161.007(d.) for consent verification requirements:
 - <http://www.statutes.legis.state.tx.us/Docs/HS/htm/HS.161.htm>
- For information regarding obtaining and affirming consent in order to add a client to ImmTrac, please refer to the “ImmTrac Consent Guidelines for Providers”, which can be found on the ImmTrac website, provider section, under **Important Forms, Information & Resources** at:
 - http://www.dshs.state.tx.us/immunize/immtrac/imm_providers.shtm