iatricSystems

Real World Testing Results

Real World Testing Plan Report ID,
Public Health Reporting 20221117ia3

Public Health Syndromic Surveillance	Public Health Reportable Labs	Public Health Immunizations
Version 1.6	Version 1.6	Version 1.6
CHPL Product # 15.05.05.2760.ISSR.01.00.0.180820	CHPL Product # 15.05.05.2760.ISRL.01.00.0.180918	CHPL Product # 15.05.05.2760.ISIR.01.00.0.181129
https://new.iatric.com/real-world-testing	https://new.iatric.com/real-world-testing	https://new.iatric.com/real-world-testing

Summary of Testing Method(s) and Key Findings

Measure 1: Testing Methodology: 170.315(f)(1) Transmission to Immunization Registries
Measure 2: Testing Methodology: 170.315 (f)(2) Transmission to Public Health Agencies - Syndromic Surveillance
Measure 3: Testing Methodology: 170. 315 (f)(3) Transmission to Public Health Agencies - Reportable Laboratory Tests and Values/Results

We used the existing customer's system to validate the successful creation of a message of identified laboratory tests and values/results for 170.315(f)(1), 170.315(f)(2), 170.315(f)(3)

Real World Testing of the Public Health reporting software validated the successful use of HL7 message transmission of Immunization, Syndromic Surveillance, and Laboratory clinical results. Our activity audit trail logging enabled easy review of analytical information of the messages, including timestamps, total messages sent, and status of message. Detailed logging enabled manual confirmation of message content.

No issues or oddities were encountered during the review.

Challenges Encountered
No challenges encountered.

Relied Upon Software
No required software.

Standards and Updates

NA

Care Setting (list each care setting that was tested)

Hospital Care Setting

Metrics and Outcomes

Data Review

	170.315(f)(1) Immunization/Vaccine	170.315(f)(2) Syndromic Surveillance	170.315(f)(3) Laboratory
Identified patients with applicable results.	✓	✓	✓

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Used the routines utilized by our customers and validated the messages that were created.	✓	✓	✓
Validated the content of the messages matches the data for the identified patient in their system.	✓	✓	✓

Message Delivery Review

Average monthly messages and downtime events

	170.315(f)(1) Immunization/Vaccine	170.315(f)(2) Syndromic Surveillance	170.315(f)(3) Laboratory	Incidents of downtime avg.
Site A	136	14490	X	<1/month
Site B	243	69932	3670	<1/month
Site C	X	30422	X	0
Site D	8	X	14	<1/month

Expected Outcome

It was expected that the data transmitted would be identical to that of the data received and the data would be successfully processed by the receiving entity. Error rates were tracked and analyzed over time.

Actual Outcome

Data provided is a monthly average of messages in 2023.

The data reviewed confirmed that messages were triggered appropriately and in the proper message format. Further, review of our alerting process was included:

1. Downtime events were reported.
2. Downtime events were defined to correct themselves.

In the samples of customer data obtained, all systems reported, on average, 0 downtime events. If an event did occur, our system auto generated an investigative ticket to our support center, where the issue was either confirmed to have resolved itself or was resolved by our team. Our logs continue to indicate that our system properly handles unexpected downtimes.

KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
Review of 170.315(f)(1) message and delivery	Hospital setting	March 2023 – September 2023
Review of 170.315(f)(2) message and delivery	Hospital setting	March 2023 – September 2023

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Review of 170.315(f)(3) message and delivery	Hospital setting	March 2023 – September 2023
Review of alerting software	Hospital setting	March 2023 – September 2023

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