

Testing Instruction & Scenarios:

EHR Implementers - Connection Testing

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Overview

This test package confirms the full connectivity workflow of Electronic Case Reporting (eCR). This test should be started after all previous test packages have been successfully completed. It confirms triggering, Electronic Initial Case Report (eICR) creation, connectivity and delivery, and RR receipt and processing. Additionally information on facility and patient data requirements, and potential reportability response examples are provided.

Testing Resources

Prerequisites

The following activities should have been completed successfully prior to starting this test suite:

1. **Communicated Intent** - You should have communicated your intent to participate in eCR with your Public Health Agency, and separately with the AIMS platform. See [EHR Implementers - Readiness and Implementation Checklist](#) for more detail.
2. **eCR Functionality** - You should have implemented, and successfully tested the eICR Creation, Triggering, and RR processing functions. See [EHR Implementers - Test Packages](#) for more detail.
3. **AIMS Connectivity** - You should have established basic AIMS connectivity. See [Exchange and Transport Options for eCR](#) for more detail.

Test Instructions

Complete the following steps in order to successfully confirm eCR connectivity workflow. Please note that responses are automated, so no confirmation from the AIMS team is necessary to complete this workflow.

Step 1 - Trigger an eICR. Use any triggering condition to trigger an eICR.

Step 2 - Confirm eICR was created

Step 3 - Confirm eICR was sent to AIMS

Step 4 - Confirm RR was returned and that it indicates the eICR was processed successfully

Step 5 - Confirm RR was correctly routed in your system

Notes & Troubleshooting

Test Data - These tests should only use test data, and not live patient data.

Determination of Reportability - Whether the eICR sent as part of this test is determined to be reportable is not important for this test. The determination will be dependent on clinical data variables, and applicable public health jurisdiction rules. We have provided sample RRs that show what the various reportability determinations you may receive will look like.

RR Indicating Not Processed - If the RR you received indicates that the eICR was not processed (eICR Processing Status = RRV22), due to an issue with the eICR sent (eICR Processing Status Reason = RRV23 or RRV25, run the eICR through the online validator to determine what was wrong with it and resolve. If it was not processed due to an AIMS system issue (eICR Processing Status Reason = RRV24), please re-run the test. If it fails for a second time, please open a ticket with informatics.support@aphl.org.