



CalREDIE Electronic Case Reporting (eCR) Informational Bulletin



Purpose: This monthly bulletin will inform stakeholders about Electronic Case Reporting (eCR) with the goal of promoting discussion among clinical care and public health communities on this advancement in public health case reporting. Electronic Case Reporting (eCR) will automate public health case reporting for providers by automatically generating and transmitting case reports directly from the provider's Electronic Health Record (EHR) system to local and state public health authorities. eCR will fulfill the physician communicable disease reporting requirements under state law.

Scaling eCR



Public health relies upon the health care sector to generate data that informs prevention and response efforts. Reporting requirements and practices vary across jurisdictions and siloed systems create redundancies and inefficiencies. Scaling eCR is a collaborative effort for a centralized, flexible, and innovative approach for routine and emergency reporting needs.

Benefits of a Centralized Approach

Shared Services Platform

There are over 5,000 hospitals & over 200,000 primary care physicians nationwide. A centralized platform (AIMS) reduces the number of connections needed between Public Health Agencies and EHRs, and improves data exchange security.

Common Set of Rules

Reporting requirements vary across jurisdictions. Standardizing messaging format is necessary for effective, consistent reporting.

Interoperability Between Systems

Interoperability ensures that data exchanged between different sources can be interpreted. Utilizing information in the EHR decreases duplicative data entry.

Building on a Scalable & Flexible Central Platform

National Centralized Solution

APHL Informatics Messaging Service (AIMS) Platform

AIMS is a secure cloud-based environment that accelerates the implementation of health messaging by providing shared services to aid in the transport, validation, translation, transformation and routing of electronic data.

What are the Scaling Challenges?

Technical

- Many-to-many connections multiply complexity and effort
- Consistent exchange of specific data
- Ensuring security of connections

Legal

- Point-to-point contracts
- HIPAA minimum necessary requirements
- DUA and BA development costs for clinical care & public health

Solutions to Reduce Data Exchange Challenges

- Connection approaches that have a central hub
- Highly specified data and technical standards
- Trust Agreements that are one-to-many

CalREDIE eCR replaces traditional paper-based methods of case reporting for many reportable conditions in jurisdictions using CalREDIE. Timely reporting via phone call is still required for conditions marked as "immediately" reportable in Title 17, Section 2500 of the California Code of Regulations (CCR).

Quick Links: ● [CalREDIE Home Page](#) ● [CalREDIE eCR](#)

TUNE IN next month for our feature story: *eCR in California*

For inquiries, contact the CalREDIE Electronic Case Reporting (eCR) Team at 1 866 866 1428 or CalREDIEeCR@cdph.ca.gov