



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.

eCR Use Case Scenario



PATIENT



PHYSICIAN

On February 12, 2019, Kari Kidd, a 17 year old female, celebrated her friend's birthday at a local restaurant. On February 13, 2019, Kari Kidd starts exhibiting symptoms of abdominal pains, vomiting, and diarrhea. Kari's mom decides to take Kari to an outpatient clinic.

Dr. Karen Kidder, a pediatrician, notes the patient's symptoms in the Electronic Health Record (EHR), as part of her usual workflow. Dr. Kidder suspects a viral infection but decides to order a stool test based on the patient's ill appearance. The laboratory detects Salmonella in the stool and enters the result into the EHR. Based on the lab result code, the **EHR automatically generates an electronic initial case report (eICR) and sends it to public health on Dr. Kidder's behalf.**

**eCR allows Dr. Kidder to focus on her patients. Before eCR, Dr. Kidder and her team would have had to take time away from caring for their young patients to complete a manual-based form, and contact public health.*



THE COMMUNITY

The eCR approach assisted both providers and public health to quickly and efficiently identify a potential outbreak that could affect additional people in the community.



PUBLIC HEALTH AGENCY

Dr. Cameron Smith, an epidemiologist, works at the Sacramento County Department of Public Health. Dr. Smith was immediately notified of Kari Kidd's case by the electronic initial case report. Dr. Smith also received reports of salmonellosis from several others who ate at the same restaurant. Dr. Smith was able to begin his investigation right away. **Dr. Smith prefers the new method of receiving automatically generated case reports, as opposed to waiting for a paper Confidential Morbidity Report (CMR) to arrive.**

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 Scalability in California*

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