

# eICR Data Flow from EHR to Public Health

An electronic initial case report (eICR) message is generated from a provider's Electronic Health Record (EHR) system based on trigger code reporting criteria, which are embedded within the EHR system. An eICR will be generated if there is a match between the trigger code(s) and the diagnostic or lab codes within a patient's electronic medical record. The eICR message is sent to a Decision Support Service (DSS) for processing. If the DSS validates the case as reportable or possibly reportable, it will route the eICR to California's reportable disease surveillance system, CalREDIE, for review and action by local health department staff.



## Healthcare Providers

Patient visit information is documented into the EHR as part of the normal workflow.



## EHR Technology

EHR compares the information to a set of trigger codes to generate an eICR.



## Decision Support Service (DSS)

eICR is validated and routed to the appropriate public health agency if determined to be reportable. Health care provider is notified if disease case is submitted.



## Public Health Agency

Disease case is received for evaluation and public health action.

