

Accomplishments

The Public Health Informatics Office (PHIO) cultivates informatics solutions with its leadership, advisement, and support. Below are stories of how PHIO leads efforts to impact public health action to protect Americans from health threats.



Improving Case Reporting Nationwide

Healthcare facilities nationwide are making the switch from [traditional case reporting](#) to [electronic case reporting \(eCR\)](#). eCR moves patient data quickly, securely, and seamlessly from electronic health records (EHRs) in healthcare facilities to state, tribal, local, and territorial health departments.



It Takes Practice: Fostering Community with FHIR®

Rapidly exchanging and processing electronic health record (EHR) data is an ongoing challenge in the public health space. CDC and other healthcare organizations are increasingly addressing data exchange issues by adopting HL7® (Health Level Seven International) FHIR® ([Fast Healthcare Interoperability Resources](#)), a standard for electronically transferring healthcare information.



Promoting Public Health with Rapid Data Exchange

Detecting disease, containing outbreaks, and responding to public health emergencies starts with extracting critical data from electronic health records (EHR). Without rapid access to EHR data, it's hard to develop strategies that can eliminate disease and improve public health.



Exchanging Data More Efficiently

Exchanging data between systems (interoperability) is challenging when information is in various databases. Giving healthcare providers, public health, and others a better solution to share, access, or manage data efficiently is critical now and for future action. Adoption of HL7® FHIR® can increase efficiency of data exchange.