

Division of State and Local Readiness

Public Health Emergency Preparedness (PHEP) Program: Informatics Program Descriptions and Areas of Focus

As a result of the PHEP Program Review, the PHEP program is working to bolster six public health informatics initiatives:

- National Notifiable Disease Surveillance Systems (NNDSS)
- Electronic Laboratory Reporting (ELR)
- Electronic Test Orders and Reporting (ETOR)
- Electronic Case Reporting (eCR)
- Electronic Death Registration (EDR)
- National Syndromic Surveillance Program (NSSP)

Improvements will be addressed during the next PHEP five-year project period beginning in 2017 through the following activities.

✓ **Enhance the Public Health Information Systems Workforce**

Develop targeted, cross-cutting workforce training and advancement opportunities in jurisdictions to support staff collaboration across systems, maintain functionality, and increase capacity of public health information systems.

✓ **Advance Electronic Information Exchange**

Enhance jurisdictional public health informatics capacity to both receive and transmit data electronically using standards-based messaging and improve and sustain capacity to receive, use, and transmit messages that adhere to Meaningful Use standards.

✓ **Sustain and Enhance Public Health Information Systems**

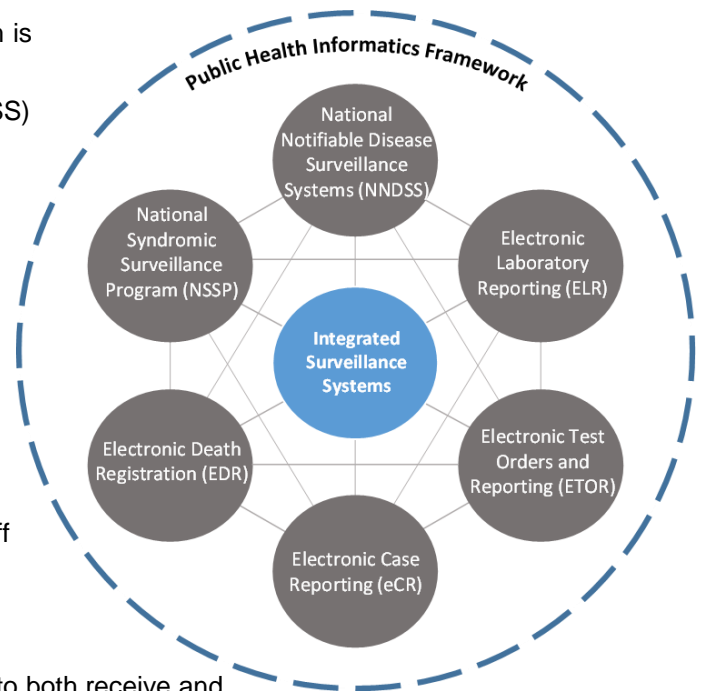
To enable interoperable public health informatics system functionality, make available properly functioning public health information systems within jurisdictions through internal or externally hosted or shared platforms. Such systems must support syndromic surveillance, integrated surveillance, public health registries, situational awareness dashboards, and other core public health and preparedness activities.

✓ **Advance the Use and Sharing of Public Health Data**

Continually focus on improving jurisdictional information sharing processes for day-to-day functionality and developing health threat response through collaboration and system integration.

✓ **Expand Adoption of Electronic Death Registration (EDR)**

Establish or expand EDR to achieve the goal of 100% state EDR coverage and effective use by medical examiners, coroners, and physicians.



Leveraging the PHEP program to integrate informatics initiatives and surveillance systems will enhance public health surveillance capacity and increase real-time data transmission, data quality, and functionality.

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