Update:
Adopted PH Surveillance Recommendations from STLT Subcommittee

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STLT Subcommittee
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Framework: CDC Surveillance Strategy

- Improve availability and timeliness of surveillance data
- Advance effective use of emerging information technology
- Identify and amend or retire ineffective or redundant surveillance systems
- Maximize effectiveness of resources, and performance and coordination of surveillance systems
**Recommendation 1**

- In support of successful implementation of the CDC Surveillance Strategy, CDC should
  - NOT significantly modify or change the plan for at least 2 years to ensure progress and consistency in implementation
  - Ensure that the CDC Surveillance Strategy work is connected to existing efforts defining the Health Department of the Future and healthcare/public health integration
CDC Surveillance Strategy: Planning for Health Department of the Future

- **CDC Surveillance Leadership Board**
  - Provides leadership in addressing long standing governance issues to evolve a more consolidated CDC surveillance enterprise

- **CDC Informatics Innovation Consortium**
  - Supported 14 projects across CDC programs to spur informatics innovation, particularly in developing shared services to support CDC scientific programs

- **CDC based HHS Entrepreneur in Residence (EIR)**
  - Worked on advancing electronic death reporting initiative, with two additional EIRs being recruited for the coming year for National Electronic Disease Surveillance System (NEDSS) modernization
Faster mortality data

- Transferring mortality records to NCHS within 10 days
  - Increase from 12% of states in 2012 to 50% of states in 2015
Planning for Health Department of the Future (continued)

Transforming notifiable disease reporting

- Completed development of message mapping guides to update electronic messaging (replacing 20 year old electronic messaging software) for over 90% of notifiable disease data (which includes 5 million reports to CDC each year)

- Implementation in the field rolling out in late 2015 through 2016

- Identify and amend or retire ineffective or redundant surveillance systems
Planning for Health Department of the Future (continued)

**Electronic Lab Reporting Increase**

- 67% of lab reports to states now electronic
  - Negotiations with Quest Laboratories to implement company-wide electronic messaging in 2016
Planning for Health Department of the Future (continued)

*Syndromic Surveillance*

- Over 2000 reporting facilities now cover 50% of all emergency department visits in the current BioSense/National Syndromic Surveillance Program.
- Implemented recommendations to establish baseline percentages and outlying performance goals to measure representativeness of hospital emergency data submitted to the National Syndromic Surveillance Program (NSSP) BioSense Platforms.
Planning for Health Department of the Future (continued)

Syndromic Surveillance

- Performed pilot project and developed implementing plan for enhancing BioSense platform by adding SAS software services and the ESSENCE syndromic surveillance software
  - Implementation of ESSENCE software offers opportunity for collaboration with DoD in utilization of BioSense platform for DoD syndromic surveillance needs
  - Negotiations have begun
Recommendation 2

• CDC should formalize a roadmap process for adoption and implementation of harmonized data standards within 16 months. The roadmap should:
  ▪ Balance flexibility and prescriptiveness in harmonizing standards
  ▪ Consider the role of funding in supporting use of harmonized standards

Identify and amend or retire ineffective or redundant surveillance systems
Progress on Roadmap for Harmonized Data Standards

- Discussions are ongoing with key partners to identify the best format for including input on harmonization from STLT partners
  - An intergovernmental advisory council under consideration
• CDC should support development of a workforce plan for public health informatics and surveillance and should consider including:
  ▪ Training for existing workforce as a first priority
  ▪ Expanding workforce for skillsets that do not exist
Progress on Workforce Plan and Needs Analysis

- A draft workforce plan has been developed
- Analysis underway: CDC workforce needs on surveillance, informatics and data science
  - May serve as a potential guidance for further work with partners on broader STLT workforce issues in these areas.
Recommendation 4

• CDC should formally endorse an approach that would decrease: surveillance systems, requested data from States, and duplicative information channels. Toward that end, CDC should
  ▪ Transition from many siloed surveillance systems to fewer multifunctional systems by developing a policy on discontinuing duplicative, redundant surveillance systems creating a review process for programs that wish to create an individual, siloed surveillance system.
  ▪ Work with public health departments to develop a cloud-based and flexible IT platform to improve public health surveillance
Progress on Surveillance Systems and Cloud-based, Flexible IT Platform

- A second report to Congress on these issues is drafted and in clearance
- Surveillance strategy activities on these issues are underway.
- Discussions with and support of the ASTHO Public Health Community Platform are also continuing.
Thank you

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