DIVISION OF
HEALTH INFORMATICS AND SURVEILLANCE

STRATEGIC FRAMEWORK

2022-2024

VALUES

- ◈ **DIVERSITY, EQUITY, INCLUSION, AND ACCESSIBILITY**

- ◈ **COLLABORATION**

- ◈ **SCIENTIFIC EXCELLENCE**

- ◈ **INTEGRITY**

VISION:

Timely, high-quality data guide public health decisions and actions.

MISSION:

Provide leadership in surveillance and informatics and support CDC and its partners with state-of-the-art information systems, capacity building services, and high-quality data to guide public health decisions and actions.

STRATEGIC FRAMEWORK

FOCUS AREA 1
CASE-BASED SURVEILLANCE

Modernize case-based surveillance to meet evolving routine and emergency public health needs by innovating to streamline case reporting from healthcare to health departments to CDC and to advance data collection, integration, analysis, and visualization.

Strategic Goals

- 1.1 Ensure data collection is fast, feasible, and flexible.

- 1.2 Promote data standards and increase use of electronic case reporting.

- 1.3 Enhance data quality, availability, and use.

- 1.4 Strengthen partnerships to advance case-based surveillance.

FOCUS AREA 2
SYNDROMIC SURVEILLANCE

Modernize syndromic surveillance to meet evolving routine and emergency public health needs by increasing the number of facilities participating, improving the quality of the data feeds, adding new data sources, and innovating with new data integration, analysis, and visualization.

Strategic Goals

- 2.1 Strengthen National Syndromic Surveillance Program (NSSP) infrastructure.

- 2.2 Ensure data acquisition, quality, and usefulness.

- 2.3 Enhance local, state, and federal capacity for using NSSP.

- 2.4 Advance integrated surveillance science through innovation.

FOCUS AREA 3
DATA AS A RESOURCE

Enhance the use of healthcare and health-related data to characterize disease burden and inform public health action by connecting users to a centralized and robust portfolio of data resources and analytic tools, innovating with cloud-based technologies that streamline data collection and use, and fostering collaboration to answer important public health questions and advance data science capacity.

Strategic Goals

- 3.1 Increase awareness and use of the CDC Data Hub and CDC WONDER.

- 3.2 Consolidate the evaluation and acquisition of healthcare data for the agency.

- 3.3 Enhance analytic, scientific, and data visualization capacity.

- 3.4 Expand intra- and inter-agency collaborations and public-private partnerships to advance data science for public health action.

FOCUS AREA 4
INFORMATION SYSTEMS

Modernize software development and data standards to meet evolving routine and emergency public health needs by innovating with new software development practices, technologies, and data standards and migrating systems to cloud.

Strategic Goals

- 4.1 Inform technology direction and promote interoperability using cross-cutting research and development processes.

- 4.2 Modernize, develop, and maintain innovative software and digital services used for public health information systems.

- 4.3 Provide services and enable the use of data standards that support public health.

- 4.4 Provide capabilities that enable the rapid collection, integration, and visualization of data to inform public health action.

Centers for Disease Control and Prevention
Center for Surveillance, Epidemiology, and Laboratory Services