

# CDC's Data Modernization Initiative

Fiscal Year (FY) 2024 President's Budget Request: +\$165 million

The Data Modernization Initiative builds the technology foundation, fosters innovation, accelerates data into action, develops a state-of-the-art workforce, and extends partnerships. Because of modernization efforts, CDC is making more data available more quickly for decision-making, particularly across the core surveillance systems to track diseases and conditions across the United States.

## SPOTLIGHT ON IMPACT



Investments in the National Vital Statistics System to collect information about U.S. births and deaths have strengthened capacity to gather demographic and geographic information.



Electronic Case Reporting (eCR) provides more complete information about new health threats such as pediatric hepatitis. With CDC support, the Oregon Community Health Information Network implemented eCR submissions and, by reducing the time to submit COVID data, saved approximately **145,000** staff hours or **\$4,300,000**.



More than **3,000** local health departments nationwide contribute data on more than **120** diseases and conditions to the National Notifiable Diseases Surveillance Systems through state and territorial public health departments. CDC investments support programs in collecting and analyzing these data and build capacity for implementing new technological innovations, such eCR, which makes richer data available sooner.



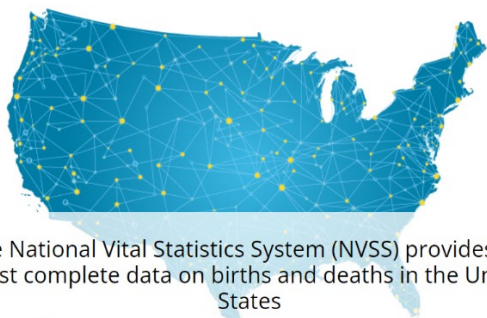
CDC built a new electronic pathway for COVID laboratory-based diagnostic tests that has handled over **934,000,000** diagnostic test reports, at times averaging over **1,500,000** per day.

## FY 2024 BUDGET REQUEST

In FY 2024, CDC will make advances to allow data to flow more seamlessly across healthcare and public health, as well as between state and local jurisdictions and the agency. CDC will continue to partner with state, tribal, local, and territorial public health departments and public and private sector partners to create modern, interoperable, and real-time public health data and surveillance systems that protect Americans.

## FY 2024 KEY OBJECTIVES

While CDC has made advancements, long-term, sustained appropriations are critical to ensure public health data systems keep with technological advancements, and workforce needs are met to support these systems



### Data Modernization Priorities

- Automate electronic data capture and reporting
- Improve early warning signals through increased reporting of syndromic and disease surveillance data
- Decrease clinical and public health lab reporting time
- Utilize cloud-native, enterprise-wide applications to reduce the burden on health departments and data providers
- Streamline data sharing by connecting data sources, public health partners, and CDC through common data hubs and portals
- Support workforce development for data scientists and informatics staff



U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention

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For more information, please visit: <https://www.cdc.gov/surveillance/data-modernization/index.html>