



Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™



Public Health Surveillance and Data

[Public Health Surveillance and Data Home](#)

DMI Technologies

Explore some of the technological solutions that are driving public health data forward.

North Star Architecture

NORTH STAR ARCHITECTURE

Public health shared blueprint for modern data exchange

CDC FRONT DOOR

Streamlining how public health data comes into CDC

IMPROVING PUBLIC HEALTH DATA PIPELINES

Piloting new approaches: store, process, and link incoming data streams

CDC-Wide Solutions

CLOUD 101: STORING AND SHARING INFORMATION

Moving information to the Cloud improves our ability to share public health data

ENTERPRISE DATA, ANALYTICS, AND VISUALIZATION

Simplifying data workflows and saving time throughout the data process

Innovations

CDC OPEN TECHNOLOGY

Explore open source data, code and APIs

ARTIFICIAL INTELLIGENCE / MACHINE LEARNING

DMI supports AI/ML, powerful solutions for large or complex data

Tools & Standards

VITAL STATISTICS MODERNIZATION TOOLS

Harnessing the power of technology to modernize vital records systems

HL7 FHIR

Enabling health interoperability through FHIR (Fast Health Interoperability Resources)



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Source: [Centers for Disease Control and Prevention, Office of Public Health Data, Surveillance, and Technology](#)