

Delivering Critical Systems and Informatics

Public Health

Proven Experience Across the Ten Essential Public Health Services



Better information leads to healthier lives. This guiding vision has taken on a new urgency for public health as new health challenges and reform initiatives unfold.

For more than 13 years, Northrop Grumman had successfully served the information technology (IT), informatics, mission application and support requirements of federal, state, local and international public health organizations. The company is one of the world's premier IT providers and systems integrators. Our experts are at the forefront of public health informatics. Northrop Grumman helps customers improve the health and welfare of the U.S. and its allies by enabling the timely and efficient delivery of the 10 Essential Public Health Services defined by the Centers for Disease Control and Prevention (CDC).

World-Class Domain Expertise

Northrop Grumman offers proven domain expertise in areas that are mission-critical for public health.

- Disease Surveillance
- Health Promotion
- Informatics
- Threat Detection
- Preparedness and Response
- Global Health

Customers rely on us for information services needed to address evolving problems, such as HIV/AIDS, cardiovascular diseases, cancer, obesity, diabetes, asthma, reproductive health, environmental and occupational health, biothreats and natural disasters, pandemic influenza, anthrax, Severe Acute Respiratory Syndrome (SARS), West Nile virus, substance abuse, mental illness and more.

Specialized Support for Essential Services

Northrop Grumman's extensive experience encompasses all of the 10 Essential Public Health Services. Our professionals:

Monitor health. Develop, maintain and enhance surveillance and registry systems; analyze and report surveillance findings.

Diagnose and investigate. Investigated infectious and chronic diseases and HIV at Historically Black Colleges; helped provision rapid HIV testing in non-traditional settings; supported 34 states' Serologic Testing Algorithm for Recent HIV Seroconversion efforts.

Inform, educate and empower. Develop Web sites and portals, electronic and print materials, toolkits and publications for professional and public populations.

Mobilize community partnerships. Create relationships for community planning with community-based organizations; facilitate joint programs with universities, ASPH and others; implement collaborative environments for best practices, indicators, performance measures, policy development, intervention approaches and strategies.

Develop policies and plans. Support information standards and policy development by piloting and testing IT models, e.g., Nationwide Health Information Network information exchange; help develop CDC's HIV Prevention Strategic Plan; developed guidelines for health care providers.

Enforce laws and regulations. Develop systems to monitor local, state and federal legislation; standardize and track grant submissions; facilitate institutional review board tracking of compliance with standards for human subjects research.

Link people. Develop management information systems that track activities, programs and interventions for specialized populations; help these populations to communicate effectively within communities of practice.

Assure a competent workforce. Evolve initiatives that improve leadership in public health professions and program consulting; train public health scientists

(includes instructional design and delivery via workshops, training programs, publications and conference sessions.

Evaluate effectiveness, accessibility and quality. Develop epidemic monitoring and evaluation systems; develop management information systems that track performance.

Conduct research. Perform statistical, epidemiological analysis of public health data; investigate behavioral, socio-cultural and environmental factors in outbreaks and epidemics.

Serving Major Public Health Organizations

Our extensive experience includes:

- CDC
- National Institutes of Health
- Substance Abuse and Mental Health Services Administration
- U.S. Food and Drug Administration
- U.S. Agency for International Development
- U.S. Department of Defense
- Joint United Nations Programme on HIV/AIDS
- States of CA, DE, RI, ME, MT, KS and PA

For the CDC, Northrop Grumman has produced over 200 applications in support of disease surveillance and data analysis in prevention, surveillance and detection, health promotion, preparedness and response, informatics and cross-domain applications.

Contact Us

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