



We look forward to seeing you at an upcoming NVSS Modernization Outreach engagement!

National Association of Medical Examiners (NAME) 10/17/17

National Funeral Directors Association (NFDA) 10/29/17

American Public Health Association (APHA) 11/6/17

National Association Public Health Statistics and Information Systems (NAPHSIS) Regional Meetings

MODERNIZING THE NATIONAL VITAL STATISTICS SYSTEM (NVSS) PROJECT

Learn more about modernization on our website!
www.cdc.gov/nchs/nvss/modernization/index.htm

Modernization Effort Overview

Background:

The Centers for Medicare and Medicaid Services (CMS) Alliance to Modernize Healthcare (CAMH), a federally funded research and development center (FFRDC) operated by the MITRE Corporation, a not-for-profit organization, is working with the National Center for Health Statistics on efforts to modernize the National Vital Statistics System (NVSS). The overall goals of this modernization project are to:

- Develop a new business model for the National Death Index (NDI) and mortality data that strengthens the NDI, reduces the cost of the NDI to researchers, maximizes revenue to jurisdictions, and generates funding to help states modernize death registration
- Conceive, prototype and pilot a next-generation electronic death registration system (Next Gen EDRS) that reduces the burden on jurisdiction death registration participants while improving the timeliness and quality of mortality data to increase its value in addressing important health issues

Partnership:

CAMH is working with stakeholders across the vital records ecosystem to establish a partnership to enhance the readiness and capacity of localities, states, and the nation

to address key health crises. The effort is focused on mortality data because of the challenges faced in capturing timely, high-quality data, and the opportunities in applying mortality data to protect the health and security of the nation.

The CAMH team has engaged with more than 100 stakeholders from across the mortality data spectrum, since the project began in September 2016. For the business model for NDI and mortality data, 54 interviews were conducted with 41 different organizations, including federal agencies, offices and centers, researchers, providers and provider organizations, and key stakeholder membership organizations. Key takeaways from these interviews indicate that:

- **Cost** to use NDI is considered high
- **Timeliness** of mortality data does not meet surveillance needs for public health
- **Access** to NDI can take too long for some research projects, and restrictions on use of the data limit its utility for addressing public and population health issues

Next Gen EDRS

To inform the design, development and piloting of the Next Gen EDRS, the CAMH team conducted eight jurisdiction reviews, and spoke to 18 more. CAMH has also established a Next Gen EDRS Working Group (WG) to provide inputs on the needs

of death registration stakeholders and on a structure for long-term governance. WG members represent those who capture, share, use or analyze, mortality data: funeral directors, medical examiners/coroners, physicians, decedent affairs, mortality data standards, hospice, jurisdictions, and federal and state public health agencies. The WG has met seven times since January and has provided valuable input on the design features of a Next Gen EDRS that fall into five broad themes: interoperability; standards; technology and training; governance; and reporting capabilities. Below are some of the features that have been identified by the Working Group:

- **Interoperability** with electronic health records, medical examiner and coroner case management systems, and funeral home systems
- **Standards** for capturing and sharing mortality data
- **Advanced technology** such as mobile applications, auto-population of death record fields, simplified login processes, artificial intelligence to infer cause of death from electronic medical records, modular components
- **Governance** that considers costs, oversight, and sustainment of EDRS
- **Reporting** capabilities for various users that would identify opportunities to improve timeliness, quality and other mortality metrics.

Contact us and learn more on our website:
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