

Public Health Workforce Data Resources

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American Public Health Association Annual Meeting
November 11, 2009

Presenter Disclosures

Robin Pendley

(1) The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

No relationships to disclose

Acknowledgements

- Tourette Jackson, MPH
- Susan Webb, MSW
- Douglas Scutchfield, MD
- Cynthia Lamberth, MPH, CPH
- Robert Shapiro
- Richard Ingram, MeD
- Center of Excellence in Workforce Research and Policy

Funding for the Center of Excellence is provided by the Centers for Disease Control and Prevention through a cooperative agreement with the Public Health Foundation

Research Objectives

- To compile existing public health workforce data resources as part of Center of Excellence in Public Health Workforce Research and Policy (COEWRP) activities
- Make resources available to researchers through National Library of Medicine's (NLM) Health Services and Sciences Research Resources and Center of Public Health Systems and Services Research (CPHSSR) websites

Study Design

- This study extracted existing public health workforce data resources from states and Association of State and Territorial Health Officials (ASTHO) affiliate organizations

ASTHO Affiliate Organizations

- Council of State and Territorial Epidemiologists (CSTE)
- Association of Maternal and Child Health Programs (AMCHP)
- Association of Public Health Laboratories (APHL)
- Association of State and Territorial Dental Directors (ASTDD)
- Association of State and Territorial Public Health Nutrition Director(ASTPHND)
- Directors of Health Promotion and Education (DHPE)
- National Association of Chronic Disease Directors (NACDD)
- Association of Health Facility Survey Agencies (AHFSA)
- Association of Immunization Managers (AIM)
- Association of State and Territorial Directors of Nursing (ASTDN)
- Association of State and Territorial Health Liaison Officials (ASTLHLO)
- Association of State and Territorial Public Health Social Workers (ASTPHSW)
- National Alliance of State and Territorial AIDS Directors (NASTAD)

Reference: Association of State and Territorial Health Officials <http://www.astho.org/About/Affiliates/>



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- 1:  [1999 Local Health Department Infrastructure Survey](#)
DataSet; National Association of County & City Health Officials (NACCHO)
- 2: [2006 National Assessment of Epidemiologic Capacity: Findings and Recommendations](#)
DataSet; Council of State and Territorial Epidemiologists
- 3: [2007 State Public Health Workforce Survey Results](#)
DataSet; Association of State and Territorial Health Officials
- 4: [EMS Workforce for the 21st Century: A National Assessment](#)
DataSet; National Highway Traffic Safety Administration EMS
- 5:  [National Assessment of Epidemiologic Capacity](#)
DataSet; Council of State and Territorial Epidemiologists
- 6: [National Child Abuse and Neglect Data System](#)
DataSet; Administration for Children and Families
- 7:  [National Sample Survey of Registered Nurses](#)
DataSet; Health Resources and Services Administration (HRSA)
- 8: [North Carolina Economic Development Information System](#)
DataSet; North Carolina Department of Commerce
- 9:  [Office of Statewide Health Planning and Development](#)
DataSet; California Department of Health Services
- 10:  [State Health Workforce Profiles](#)
DataSet; Health Resources and Services Administration (HRSA)
- 11: [Survey of the Public Health Nutrition Workforce 2006-2007](#)
DataSet; U.S. Department of Agriculture; Food & Nutrition Service
- 12: [Survey of the Public Health Nutrition Workforce: 1999-2000](#)
DataSet; U.S. Department of Agriculture; Food & Nutrition Service
- 13: [Synopsis of State Dental Public Health Programs: Data for FY 2006-2007](#)
DataSet; Association of State and Territorial Dental Directors
- 14:  [Bioterrorism Preparedness Response Core Capacity Project](#)
Instrument; Centers for Disease Control and Prevention (CDC)
- 15:  [Michigan Local Public Health Accreditation Program Self-Assessment Tool](#)
Instrument; Michigan Department of Community Health

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2006 National Assessment of Epidemiologic Capacity: Findings and Recommendations

| | |
|----------------|---|
| HSRR Record ID | 1106 |
| Title Acronym | NAEC |
| Title URL | http://www.cste.org/pdffiles/2007/2006CSTECAFINALFullDocument.pdf |
| Record Type | DataSet |
| Topic Subset | PHSR |
| Source | Council of State and Territorial Epidemiologists |
| Source URL | http://www.cste.org/dnn/ |
| Description | Following similar assessments in 2001 and 2004, the Council of State and Territorial Epidemiologists conducted an assessment aimed to measure the current status of core epidemiologic capacity, competence-specific training needs, and barriers to recruitment and retention of epidemiologists in the United States and territories. This report summarizes the data from the 2006 survey and compares it with data from the 2004 and 2001 Epidemiologic Capacity Assessments for the 40 health agencies that participated in all three assessments. |
| File Size | 819 KB |
| Data Format | PDF available via internet. |
| Special Notes | 2006 Epidemiology Capacity Assessment, 2006 Epidemiology Capacity Assessment: Supplemental Materials, and CDC/CSTE Applied Epidemiology Competencies for Governmental Public Health Agencies are included |
| Keywords | Public Health Systems and Services Research; Epidemiology; Public Health Administration; Workforce; United States; |
| Date Revised | 29-Sep-2008 |

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Available Databases

- CSTE-National Assessment of Capacity
- ASTDD-Synopses of State Dental Public Health Programs
- AMCHP-Professional Development, Graduate Education, Program Profiles
- ASTPHND-Survey of Public Health Nutrition Workforce
- EMS Workforce for 21st Century-Needs Assessment

Limitations

- Full/part of database may not be available to potential researchers
- Comparability of databases from repeated years
- NLM HSRR is not a data warehouse and therefore proper channels of access must be followed

Conclusions

- There are some affiliate organization enumeration of public health workforce efforts
- Compilation of existing resources through NLM HSRR and CPHSSR websites can provide potential access and increase knowledge to researchers
- Foster growth and interest in public health workforce and policy

References:

- “Public health systems and services research: dataset development, dissemination, and use.” Scutchfield FD, Lawhorn N, Ingram R, Pérez DJ, Brewer R, Bhandari M.
<http://www.ncbi.nlm.nih.gov/pubmed/19445412>
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