

## Introduction

Australian Institute of Health and Welfare. 2015. "Key Indicators for Chronic Disease and Associated Determinants." <http://www.aihw.gov.au/chronic-diseases/key-indicators/>.

Betancourt, Marisol T. 2012. "Indicator Framework for the Surveillance of Chronic Disease and Associated Determinants in Canada." Edmonton, Alberta.  
<http://resources.cpha.ca/CPHA/Conf/Data/2012/A12-225e.pdf>.

Choi, Bernard. 2008. "Chronic Disease Surveillance in Canada." Ottawa, Ontario: The Public Health Agency of Canada.  
[http://www.nccch.ca/sites/default/files/Surveillance\\_Workshop\\_Feb\\_2013-Choi.pdf](http://www.nccch.ca/sites/default/files/Surveillance_Workshop_Feb_2013-Choi.pdf).

Grevendonk, Jan, Dan Brigden, and Brian Taliesin. 2013. "Planning an Information Systems Project: A Toolkit for Public Health Managers." Seattle, WA.  
<http://www.path.org/publications/detail.php?i=2343>.

Joint Public Health Informatics Taskforce. 2013. "Future Information Capabilities for Public Health Introduction : Setting the Stage." Washington, D.C.  
<http://static1.squarespace.com/static/550c6948e4b03d5eda68f963/t/55145ae4e4b06fca1707677d/1427397348078/1-PH-IS-Futures-Intro.pdf>.

Meriwether, Rebecca A. 2000. "Blueprint for a National Public Health Surveillance System for the 21st Century." New Orleans, LA.  
<http://c.ymcdn.com/sites/www.cste.org/resource/resmgr/Injury/Blueprint.pdf>.

Muggah, Elizabeth, Erin Graves, Carol Bennett, and Douglas G. Manuel. 2013. "[Ascertainment of Chronic Diseases Using Population Health Data: A Comparison of Health Administrative Data and Patient Self-Report.](#)" *BMC Public Health* 13 (16). BMC Public Health: 1–8. doi:10.1186/1471-2458-13-16.

Robert Wood Johnson Foundation. 2014. "Health Information Technology in the United States: Progress and Challenges Ahead." Princeton, NJ.  
<http://www.rwjf.org/content/dam/farm/reports/reports/2014/rwjf414891>.

Stratis Health. 2014. "Local Public Health Agencies - Health Information Technology Toolkit." <http://www.stratishealth.org/expertise/healthit/localpublichealth/index.html#assess>.

Yiannakoulias, Nikolaos, Lawrence W. Svenson, and Donald P. Schopflocher. 2009. "[An Integrated Framework for the Geographic Surveillance of Chronic Disease.](#)" *International Journal of Health Geographics* 8 (69): 1–15. doi:10.1186/1476-072X-8-69.

## Making the Value Case

- Agency for Healthcare Research and Quality. 2014. "Guide to Evaluating Health Information Exchange Projects." Rockville, MD. <http://healthit.ahrq.gov/sites/default/files/docs/page/guide-to-evaluating-hie-projects.pdf>.
- Association of State and Territorial Health Officials. 2013. "Accountable Care Organizations and Public Health." Arlington, VA. [http://www.astho.org/Programs/Access/Primary-Care/\\_Materials/ACO-and-Public-Health-Fact-Sheet/](http://www.astho.org/Programs/Access/Primary-Care/_Materials/ACO-and-Public-Health-Fact-Sheet/).
- Auerbach, John, Debbie I. Chang, James A. Hester, and Sanne Magnan. 2013. "Opportunity Knocks: Population Health in State Innovation Models." Washington, D.C. <http://nam.edu/perspectives-2013-opportunity-knocks-population-health-in-state-innovation-models/>.
- Chamany, Shadi, Lynn D. Silver, Mary T. Bassett, Cynthia R. Driver, Diana K. Berger, Charlotte E. Neuhaus, Namrata Kumar, and Thomas R. Frieden. 2009. "[Tracking Diabetes: New York City's A1C Registry.](#)" *The Milbank Quarterly* 87 (3). New York, NY: 547–70. doi:10.1111/j.1468-0009.2009.00568.x.
- DeLone, William H., and Ephraim R. McLean. 2003. "The DeLone and McLean Model of Information Systems Success: A Ten-Year Update." *Journal of Management Information Systems* 19 (4): 9–30. <http://www.asiaa.sinica.edu.tw/~ccchiang/GILIS/LIS/p9-Delone.pdf>.
- Duke University Medical Center. 2014. "Practical Playbook: Public Health. Primary Care. Together." [https://www.practicalplaybook.org/tools\\_and\\_resources](https://www.practicalplaybook.org/tools_and_resources).
- Grevendonk, Jan, Dan Brigden, and Brian Taliesin. 2013. "Planning an Information Systems Project: A Toolkit for Public Health Managers." Seattle, WA. <http://www.path.org/publications/detail.php?i=2343>.
- Hester, James A., John Auerbach, Debbie I. Chang, Sanne Magnan, and Judith Monroe. 2015. "Opportunity Knocks Again for Population Health: Round Two in State Innovation Models." Washington, D.C. <http://nam.edu/wp-content/uploads/2015/06/SIMsRound21.pdf>.
- Institute of Medicine. 2012. "Accelerating Progress in Obesity Prevention: Solving the Weight of the Nation." Washington, D.C. <http://www.nap.edu/catalog/13275/accelerating-progress-in-obesity-prevention-solving-the-weight-of-the>.
- Institute of Medicine. 2012. "Primary Care and Public Health: Exploring Integration to Improve Population Health." Washington, D.C. <http://www.nap.edu/catalog/13381/primary-care-and-public-health-exploring-integration-to-improve-population>.

- Longjohn, Matt, Amy R. Sheon, Paula Card-Higginson, Philip R. Nader, and Maryann Mason. 2010. ["Learning from State Surveillance of Childhood Obesity."](#) *Health Affairs* 29 (3): 463–72. doi:10.1377/hlthaff.2009.0733.
- Nguyen, Trang Quyen, Lorna Thorpe, Hadi A. Makki, and Farzad Mostashari. 2007. ["Benefits and Barriers to Electronic Laboratory Results Reporting for Notifiable Diseases: The New York City Department of Health and Mental Hygiene Experience."](#) *American Journal of Public Health* 97 (Supplement 1): 142–45. doi:10.2105/AJPH.2006.098996).
- Public Health Informatics Institute. 2004. "Batteries Not Included." Decatur, GA. <http://www.phii.org/sites/default/files/resource/pdfs/Batteries.pdf>.
- Public Health Informatics Institute; deBeaumont Foundation. 2014. "Informatics at the Intersection of Public Health Agencies and Accountable Care Organizations." Decatur, GA. <http://phii.org/sites/default/files/resource/pdfs/20141210 PH and ACO Paper Final 2 0.pdf>.
- W.K Kellogg Foundation. 2004. "W.K. Kellogg Foundation Logic Model Development Guide." Battle Creek, MI. <https://www.wkkf.org/resource-directory/resource/2006/02/wk-kellogg-foundation-logic-model-development-guide>.
- Wu, Lauren. 2014. "Issue Brief: Health IT for Public Health Reporting and Information Systems." Washington, D.C. <http://www.healthit.gov/sites/default/files/phissuebrief04-24-14.pdf>.

## Clarifying Legal and Policy Issues

- Allen, Claudia, Arvela Des Jardins, Terrisca R. Heider, Lee Lyman, Kristin A. McWilliams, Alison L. Rein, Abigail A. Schachter, Ranjit Singh, Barbara Sorondo, Joan Topper, and Scott A Turske. 2014. ["Data Governance and Data Sharing Agreements for Community-Wide Health Information Exchange: Lessons from the Beacon Communities."](#) *eGEMs (Generating Evidence & Methods to Improve Patient Outcomes)* 2 (1): 1–9. doi:http://dx.doi.org/10.13063/2327-9214.1057.
- American Health Information Management Association. 2014. "Information Governance Principles for Healthcare." Chicago, IL. [http://www.ahima.org/~media/AHIMA/Files/HIM-Trends/IG\\_Principles.ashx](http://www.ahima.org/~media/AHIMA/Files/HIM-Trends/IG_Principles.ashx).
- Association of State and Territorial Health Officials. 2004. "Information Management for State Health Officials: Data Sharing with Covered Entities Under the HIPAA Privacy Rule - A Review of Three State Public Health Approaches." Washington, D.C. [http://www.astho.org/Programs/e-Health/Privacy/Materials/Data-Sharing-with-Covered-Entities-Under-the-HIPAA-Privacy-Rule--A-Review-of-Three-State-Public-Health-Approaches-\(2004\)/](http://www.astho.org/Programs/e-Health/Privacy/Materials/Data-Sharing-with-Covered-Entities-Under-the-HIPAA-Privacy-Rule--A-Review-of-Three-State-Public-Health-Approaches-(2004)/).

- Association of State and Territorial Health Officials. 2005. "Information Management for State Health Officials: HIPAA Privacy Rule Implementation in State Public Health Agencies - Success, Challenges, and Future Needs." <http://www.astho.org/Programs/e-Health/Privacy/Materials/HIPAA-Privacy-Rule-Implementation-in-State-Public-Health-Agencies/>.
- Association of State and Territorial Health Officials. 2012. "Comparison of FERPA and HIPAA Privacy Rule for Accessing Student Health Data." Arlington, VA. [http://www.astho.org/uploadedFiles/Programs/Preparedness/Public\\_Health\\_Emergency\\_Law/Public\\_Health\\_and\\_Schools\\_Toolkit/04-PHS\\_Comparing\\_F\\_and\\_H\\_FS\\_Final\\_3-12.pdf](http://www.astho.org/uploadedFiles/Programs/Preparedness/Public_Health_Emergency_Law/Public_Health_and_Schools_Toolkit/04-PHS_Comparing_F_and_H_FS_Final_3-12.pdf).
- Association of State and Territorial Health Officials. 2012. "Public Health Access to Student Health Data: Authorities and Limitations in Sharing Information Between Schools and Public Health Agencies." Arlington, VA. <http://www.astho.org/Programs/Preparedness/Public-Health-Emergency-Law/Public-Health-and-Schools-Toolkit/Public-Health-Access-to-Student-Health-Data/>.
- Association of State and Territorial Health Officials. 2012. "Public Health Collection, Use, Sharing, and Protection of Information." Arlington, VA. <http://www.astho.org/Programs/Preparedness/Public-Health-Emergency-Law/Public-Health-and-Information-Sharing-Toolkit/Collection-Use-Sharing-and-Protection-Issue-Brief/>.
- Centers for Disease Control and Prevention. 2010. *Distinguishing Public Health Research and Public Health Nonresearch*. <http://www.cdc.gov/od/science/integrity/docs/cdc-policy-distinguishing-public-health-research-nonresearch.pdf>.
- Centers for Disease Control and Prevention. 2015. "CDC Public Health Law Program." <http://www.cdc.gov/phlp/publications/index.html>.
- Hodge, James G., and Lawrence O. Gostin. 2004. "Public Health Practice vs. Research: A Report for Public Health Practitioners Including Cases and Guidance for Making Distinctions." Baltimore, MD. <http://www.cste2.org/webpdfs/CSTEPHResRptHodgeFinal.5.24.04.pdf>.
- Joint Public Health Informatics Taskforce; Public Health Informatics Institute. 2013. "Inter-Jurisdictional Health Information Exchange: Guidance for Public Health Agencies." Decatur, GA. <http://static1.squarespace.com/static/550c6948e4b03d5eda68f963/t/554380e1e4b0fe5c83b9e532/1430487288053/JPHIT+Inter-Jurisdictional+Data+Exchange+Guidance+0913.pdf>.
- U.S. Department of Health and Human Services. 2005. "Health Information Privacy: HIPAA - Frequently Asked Questions." <http://www.hhs.gov/ocr/privacy/hipaa/faq/index.html>.
- U.S. Food and Drug Administration. 2014. "Mini-Sentinel: Principles and Policies." [http://www.mini-sentinel.org/work\\_products/About\\_Us/Mini-Sentinel-Principles-and-Policies.pdf](http://www.mini-sentinel.org/work_products/About_Us/Mini-Sentinel-Principles-and-Policies.pdf).

Van Panhuis, Willem G., Prama Paul, Claudia Emerson, John Grefenstette, Richard Wilder, Abraham J. Herbst, David Heymann, and Donald S. Burke. 2014. ["A Systematic Review of Barriers to Data Sharing in Public Health."](#) *BMC Public Health* 14 (1144). Pittsburgh, PA: 1–9. doi:10.1186/1471-2458-14-1144.

## Forming Partnerships

Chronic Disease Prevention Leadership Project. 2013. "Chronic Disease Prevention Framework." Sacramento, CA. <http://www.cdph.ca.gov/programs/cclho/Documents/ChronicDiseaseReportFINAL.pdf>.

Institute of Medicine. 2012. "Primary Care and Public Health: Exploring Integration to Improve Population Health." Washington, D.C. <http://www.nap.edu/catalog/13381/primary-care-and-public-health-exploring-integration-to-improve-population>.

McPhillips-Tangum, Carol, Karen Torghelle, Kristin Saarlax, and Anita Renahan-White. 2006. "Assessment of Childhood Obesity Information Needs: Findings from Stakeholder Interviews." Decatur, GA. <http://www.phii.org/sites/default/files/resource/pdfs/ChildObesityNeeds19Sept06.pdf>.

National Association of County and City Health Officials. 2015. "Mobilizing for Action through Planning and Partnerships (MAPP)." <http://www.naccho.org/topics/infrastructure/mapp/>.

Oregon Health Authority. 2015. "Chronic Disease Data: Reports and Statewide Plans." <https://public.health.oregon.gov/DiseasesConditions/ChronicDisease/DataReports/Pages/StatewideReports.aspx>.

## Analyzing Clinical Data and Workflows

American Diabetes Association; Centers for Disease Control and Prevention. 2014. "National Diabetes Statistics Report: Estimates of Diabetes and Its Burden in the United States." *National Diabetes Statistics Report*. Atlanta, GA. <http://www.cdc.gov/diabetes/pubs/statsreport14/national-diabetes-report-web.pdf>.

El Emam, Khaled, and Waël Hassan. 2013. "The De-Identification Maturity Model." Ottawa, Ontario. <http://files.himss.org/FileDownloads/2014-14-05 Privacy Analytics The De-identification Maturity Model.pdf>.

Klann, Jeffrey G., Michael D. Buck, Jeffrey Brown, Marc Hadley, Richard Elmore, Griffin M. Weber, and Shawn N. Murphy. 2014. ["Query Health: Standards-Based, Cross-Platform Population Health Surveillance."](#) *Journal of the American Medical Informatics Association* 21 (4). Boston, MA: American Medical Informatics Association: 650–56. doi:10.1136/amiajnl-2014-002707.

Public Health Informatics Institute. 2006. "The Unique Records Portfolio: A Guide to Resolving Duplicate Records in Health Information Systems." Decatur, GA.

<http://www.phii.org/sites/default/files/resource/pdfs/UniqueRecordsPortfolio.pdf>.

Public Health Informatics Institute. 2012. "Redesigning Public Health Surveillance in an eHealth World." Decatur, GA. [http://www.phii.org/sites/default/files/resource/pdfs/RequirementsLab\\_Final\\_Deliverables\\_RWJ\\_Sureveillance.pdf](http://www.phii.org/sites/default/files/resource/pdfs/RequirementsLab_Final_Deliverables_RWJ_Sureveillance.pdf).

[http://www.phii.org/sites/default/files/resource/pdfs/RequirementsLab\\_Final\\_Deliverables\\_RWJ\\_Sureveillance.pdf](http://www.phii.org/sites/default/files/resource/pdfs/RequirementsLab_Final_Deliverables_RWJ_Sureveillance.pdf).

Public Health Informatics Institute. 2013. "Electronic Disease Surveillance System (EDSS) Vendor Analysis: An Overview of the Selected EDSS Landscape for Public Health Agencies." Decatur, GA.

[https://www.syndromic.org/storage/documents/PHIN\\_Release\\_1.9/MU\\_Resources/Electronic\\_Disease\\_Surveillance\\_System\\_Vendor\\_Analysis\\_FINAL.pdf](https://www.syndromic.org/storage/documents/PHIN_Release_1.9/MU_Resources/Electronic_Disease_Surveillance_System_Vendor_Analysis_FINAL.pdf).

Public Health Informatics Institute. 2014. "The Healthy Weight Surveillance Initiative: Overview and Implementation Guidance." Decatur, GA.

[http://www.phii.org/sites/default/files/resource/pdfs/Healthy\\_Weight\\_Overview\\_and\\_Implementation\\_Guidance.pdf](http://www.phii.org/sites/default/files/resource/pdfs/Healthy_Weight_Overview_and_Implementation_Guidance.pdf).

S&I Framework. 2013. "Structured Data Capture Initiative."

<http://wiki.siframework.org/Structured+Data+Capture+Charter+and+Members>.

U.S. Department of Health and Human Services. 2013. "Secondary Use of EHR Data."

<http://www.healthit.gov/policy-researchers-implementers/secondary-use-ehr-data>.

## Analyzing Technical Options

Agency for Healthcare Research and Quality. 2015. "Clinical-Community Linkages."

<http://www.ahrq.gov/professionals/prevention-chronic-care/improve/community/>.

Centers for Disease Control and Prevention. 2011. "EHR-IIS Interoperability Enhancement Project: Transport Layer Protocol Recommendation." Atlanta, GA.

<http://www.cdc.gov/vaccines/programs/iis/interop-proj/downloads/ehr-interop-trans-layer-tech-recs.pdf>.

Centers for Disease Control and Prevention. 2014. "EHR-IIS Interoperability Expert Panel Project."

<http://www.cdc.gov/vaccines/programs/iis/interop-proj/ehr.html>.

Joint Public Health Informatics Taskforce. 2013. "Future Information Capabilities for Public Health Introduction: Interoperability: Transport." Washington, D.C.

<http://static1.squarespace.com/static/550c6948e4b03d5eda68f963/t/55145b43e4b05ede7c506b65/1427397443685/5-Interoperability-Transport.pdf>.

New York City Department of Health and Mental Hygiene. 2013. "Developing an Electronic Health Record-Based Population Health Surveillance System." New York City, NY.  
<http://www.nyc.gov/html/doh/downloads/pdf/data/nyc-macro-report.pdf>.

Public Health Informatics Institute. 2006. "The Unique Records Portfolio: A Guide to Resolving Duplicate Records in Health Information Systems." Decatur, GA.  
<http://www.phii.org/sites/default/files/resource/pdfs/UniqueRecordsPortfolio.pdf>.

## Implementing Data Exchange

Centers for Disease Control and Prevention. 2014. "EHR-IIS Interoperability Expert Panel Project."  
<http://www.cdc.gov/vaccines/programs/iis/interop-proj/ehr.html>.

Healthcare Information and Management Systems Society, and National Association of County and City Health Officials. 2014. "HIE Toolkit for Public Health." Chicago, IL.  
<http://www.himss.org/public-health-hie-toolkit>.

## Optimizing Data Quality and Use

Centers for Disease Control and Prevention. 2001. "Updated Guidelines for Evaluating Public Health Surveillance Systems: Recommendations from the Guidelines Working Group." Atlanta, GA.  
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5013a1.htm>.

Centers for Disease Control and Prevention. 2004. "Framework for Evaluating Public Health Surveillance Systems for Early Detection of Outbreaks." Atlanta.  
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5305a1.htm>.

Forrester Consulting. 2006. "Open Source Software: A Primer for Health Care Leaders." Oakland, CA.  
<http://www.chcf.org/publications/2006/03/open-source-software-a-primer-for-health-care-leaders>.

Healthy Dane. 2015. "Healthy Dane." <http://healthydane.org/>.

National Center for Immunization and Respiratory Diseases. 2015. "MIROW: Modeling of Immunization Registry Operations Workgroup."  
<http://www.cdc.gov/vaccines/programs/iis/activities/mirow.html>.

Public Health Informatics Institute. 2005. "Towards Measuring Value: An Evaluation Framework for Public Health Information Systems." Decatur, GA.  
<http://phii.org/sites/default/files/resource/pdfs/TowardsMeasuringValueBrief.pdf>



## Planning for an EHR-based Surveillance Program

### Recommended Reading

University of Wisconsin Population Health Institute. 2010. "Health of Wisconsin Report Card 2010." Madison, WI. <http://uwphi.pophealth.wisc.edu/programs/match/healthiest-state/report-card/2010/reportCard.pdf>.