



Master Person Indexes: A Tool for Population Health Management

Webinar Resources

Overview of MPIs

- [The Unique Records Portfolio: A guide to resolving duplicate records in health information systems](#)
Public Health Informatics Institute, 2016

This toolkit provides a comprehensive overview of managing the record deduplication process for shared data sets and systems. It outlines the value case for different stakeholders, the major types of record deduplication system architectures, case studies of data systems engaged with this work, a questionnaire to categorize integration systems and two self-assessment checklists, and potential metrics for the evaluation of the success of the matching/deduplication process.
- [Good Practices for the Implementation and Management of a National Master Patient Index](#)
MEASURE Evaluation, 2015

This technical brief provides an overview of the MPI and its function. It describes best practices in establishing and implementing a nationwide MPI, specifically for South Africa, but principles are relevant to other locations.

Statewide MPIs

- [Master Client Index Brief for Colorado eHealth Commission](#)
Cedarbridge Group, 2016

This overview brief provides a high-level summary of the potential creation of an MPI for Colorado Medicaid patients. It provides an overview of an MPI and its function, the value case for different stakeholders, a technical and policy overview, operational considerations, and steps for implementation.
- [Integrating the MCIR with the State of Michigan Enterprise \(SOM\) HIE Master Person Index \(MPI\)](#)
Michigan Care Improvement Registry, 2013

This PowerPoint discusses integrating MCIR with statewide MPI and provides a case study of a collaborative MPI project in action.
- [A Focus Area Maturity Model for a Statewide Master Person Index](#)
Online Journal of Public Health Informatics, 2013

This peer-reviewed article describes a maturity model for Utah's statewide Master Person Index. Authors discuss the method for creating the model and the key areas to address: legal authority, financial, technical infrastructure, and patient consent.

- [Oklahoma Interoperability Grant: Enterprise Master Person Index Analysis](#)

Oklahoma Office of Management and Enterprise Services, 2013

Oklahoma's interoperability grant proposal provides in-depth discussion of the process to create a statewide eMPI integrating public health, clinical, and human services data. The report includes project scope, desired use cases and objectives; and overview of pre-existing systems and proposed novel systems for use; cost benefit of various eMPI options; data governance and stewardship plans; and appendices of acronyms and extended cost-benefit analysis.

MPIs and HIEs

- [The Story of San Diego's Community Health Information Exchange: Data Sharing, Care Coordination, and Population Health](#)

Academy Health, 2017

This learning guide, part of a series developed by the Community Health Peer Learning Program's subject matter expert communities, focuses on San Diego's experience in building a community Health Information Exchange (HIE) and the realities of embarking on a broad community collaboration to achieve better data sharing.

- [Master Data Management Within HIE Infrastructures: A Focus on Master Patient Indexing Approaches](#)

Office of the National Coordinator for Health Information Technology, 2012

This report provides an overview of MPIs within HIEs. The authors discuss matching approaches, data governance processes, identity volatility within MPIs, MPI infrastructure, and the value case and policy concerns for MPIs. The appendices include a glossary of terminology, a discussion on third party MPI options vs integrated HIE MPI solutions, and an overview of the capabilities of major MPI solution vendors.

- [The Role of Master Patient Index \(MPI\) and Record Locator Services \(RLS\) on the Implementation of HIEs for Medicaid/SCHIP](#)

Agency for Healthcare Research and Quality, 2008

This Powerpoint presentation from AHRQ Medicaid-SCHIP is a technical assistance webinar on MPI and record locator services (RLS) in HIEs. It describes general purpose for these tools and presents case studies from two presenters on currently operating MPI/RLS systems.

Clinical MPIs

- [The impact of multiple master patient index records on the business performance of health care organizations](#)

Journal of Technology Research, 2014

This article presents findings from a qualitative study on the issue of MPI record duplication in hospital and health systems. Key findings include an overall lack of awareness and process around resolving duplication records among both healthcare providers and health IT teams. The authors present some of the potential barriers and issues in maintaining an accurate MPI.

Public Health MPIs

- [Immunization Information Systems Patient Level De-duplication Best Practices](#)

CDC: National Center for Immunization and Respiratory Disease (NCIRD) and Immunization Information Systems Support Branch (IISB), 2013

This report from the CDC outlines de-duplication and interoperability best practices for immunization information systems. It is designed to support entities using an MPI solution for public health or population health purposes. It also includes a summary chart of the best practices presented in document.