Common Governance Models for Integrated Data Systems

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Actionable Intelligence for Social Policy

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Integrating Data for a Project

- No systematic process
- No data protocol
- No leadership investment
What is an IDS?

SYSTEM

- Performance Management (PM)
- Modus operandi
- Logic Model
What is an IDS?

DATA

- Evidence-Based Policy (EBP)
- Relevance
- Quality
What is an IDS?

INTEGRATION

- Continuous Quality Improvement (CQI)
- Leadership commitment
- Data Culture
What is Actionable Intelligence?

Dynamic process that uses quality integrated data within a community of relevant contributors to foster essential dialogue for policy and program improvement.
Network of Integrated Data Systems

- Existing Sites
  - Washington
  - Milwaukee
  - Cleveland
  - Pittsburgh
  - Baltimore
  - Rhode Island
  - New York City
  - Philadelphia
  - Virginia
  - Charlotte
  - South Carolina
  - Florida
  - Los Angeles
  - Hawaii
  - Texas

- Developing Sites
  - Wisconsin
  - Minnesota
  - Michigan
  - Illinois
  - Chicago
  - Washington
  - Hawaii
  - Pennsylvania
  - Illinois
  - Michigan

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IDS Organizational Models
Four Critical Components of IDS

- Sustainability
- Scientific Integrity
- Legal Sanctions
- Governance
Governance

• Foundation for ethical use
• Representation from key contributors
• Develop protocol for operation (MOU)
  • Cross-department priorities
  • Legal sanctioning
  • Research selection
  • Scientific integrity
  • Communicating findings
Legal Sanctions

- Abide by federal, state, and local legal regulations
  - Federal Privacy Act
  - HIPPA
  - FERPA

- “Public interest benefit activity”
  - How does study benefit public?
  - Process for de-identification and destruction
  - Limits on use of data
Scientific Integrity

- **Researchable questions**
  - Appropriate research design
  - Quality data elements
  - Appropriate analytic approach
  - Accurate distillation of findings
Sustainability

- Economic Sustainability
- Political Sustainability
IDS Process

Priorities/Protocols/MOUs → Select project → Actions & Communications

Governing Board

Project Team

- Resulting action
- Review findings
- De-identification
- Analysis
- Findings
- Interpretation
- Researchable questions
- Key variables
- Data quality
- Data Integration

Project monitoring
IDS Innovation

- Identify challenges
  - Data security
  - Legal inefficiency
  - Researcher responsiveness
  - Scalability
  - Communication

- Convene expert panels and provide guidelines