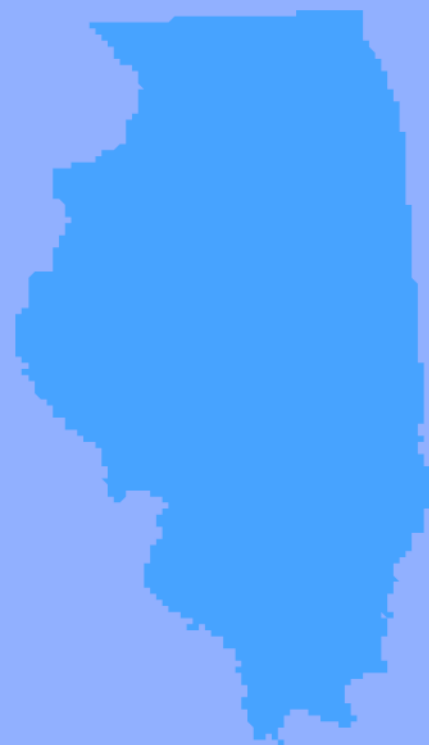




# Illinois Administrative Data Research Facility: Project Deliverables

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February 27, 2019



# Administrative Data Research Facility

- Partnership
  - ADRF principals
    - Technology services: New York University
    - Knowledge-based services: University of Maryland
    - Subject matter expertise: Chapin Hall at the University of Chicago
  - State of Illinois principals
    - Subject matter expertise and data providers: IDES, IDHS, IDOC, IDOR
- Two-Year Illinois Pilot
  - Collaborative skills training
    - 6 programs (duration 3-4 months), 270 participants and 60 projects
      - Criminal justice, welfare benefits, high need populations, economic development and job creation
    - Harris School class (DHS initiated), 7 students for 11 weeks
      - Direct service providers
  - Select research projects
    - Employment outcomes for IL DOC formerly incarcerated
      - DOC vocational training program evaluation
      - Interstate comparison IL vs MO outcomes
    - Employment outcomes for IL DHS client groups
      - SNAP/TANF recipients
      - Parents of children who received childcare subsidies
    - Wages and job churning for IL DHS direct service providers
      - Caregivers for disabled individuals, 2,700 sites and approximately 25 million staff hours
- 2019 Midwest Initiative- Interstate movement of workers and employment outcomes
  - Linking post-secondary students (Ohio State University, Indiana University, and University of Missouri) to UI wage records from Ohio, Indiana, Missouri, Kentucky, and Illinois

# Illinois Administrative Data Research Facility

- I-ADRF technology platform supports open-source data analytics and serves
  - Illinois partner agencies and authorized third-party researchers
    - Embed data-analytic practice within state agencies
  - As a cornerstone to build an evidence-based culture for program evaluation
    - Information pipeline as backbone for an extension service to administrators and decision makers
  - As gateway to Midwest regional data integration
- Commitment to common metric development
  - Career outcomes replicate the quarterly workforce indicator measures produced at the US Bureau of Census
    - Code established in the ADRF library and implemented by the Harris School project team
  - Dashboard for local economic development trends
    - Code is established in the ADRF library and implemented by the Kansas City economic development project team
- Commitment to data quality
  - Data stewardship consistent with federal, state and local data governance requirements
  - Meta-data documentation practice consistent with the Federal Statistical system
  - US Bureau of Census record linkage methodology

# Illinois Administrative Data Research Facility

- FedRamp data-analytic platform
  - A secure, private and isolated cloud-based data-analytic platform that is FedRAMP authorized for the exclusive use of Illinois partner agencies and approved researchers
- Remote access
  - Remote access through Census-approved, FedRAMP compliant, remote clients to facilitate collaboration across agencies and approved researchers
- Interstate and interagency record linkage
  - Implement longitudinal record linkage methodology employed by the US Bureau of Census to effectuate interagency and interstate record linkage
- Data stewardship
  - Data stewardship module to provide client-directed management and access to agency administrative data
- Collaborative data-analytics skills practice
  - Three-month training classes, project team research, open-source data analytic software, collaborative code library, transition training to work environment

# I-ADRF Project Deliverables

- I-ADRF Data-Analytic Environment
  - Design, test, and implement
  - Jan19 to Jun19
- I-ADRF Governance
  - Advisory Board and Scientific Advisory Working Group
    - Align with DoIT State Data Governance
  - Other Governance bodies and responsibilities as determined by Advisory Board
    - e.g., Research, Product and Outreach, Communications ...
- Data Ingest and Curation
  - 2-Year Pilot data sets (IDES, IDHS, IDOC)
    - Apr19
  - Partner data sets (DCFS, ISBE, ...)
    - Priority determined by Advisory Board
    - 2 months per data set
- I-ADRF Use Cases with DoIT
  - IDHS childcare subsidies and parent self-sufficiency (training/employment outcomes)
  - IDOC formerly incarcerated (voc ed) and impact of employment outcomes on recidivism

# I-ADRF Project Deliverables

- Data Stewardship Module
  - Usage metrics, disclosure proofing, export review
  - May19 to Aug19
- Collaborative Skills Training
  - Analytics class
    - Jul19/Aug19 forward
    - Subject priority, timing and number of classes determined by Advisory Board
    - Class duration 3 months
- Research Practice
  - Jun19 to Jun20