

Small Area Health Insurance Estimates: Update on Current Production Plans

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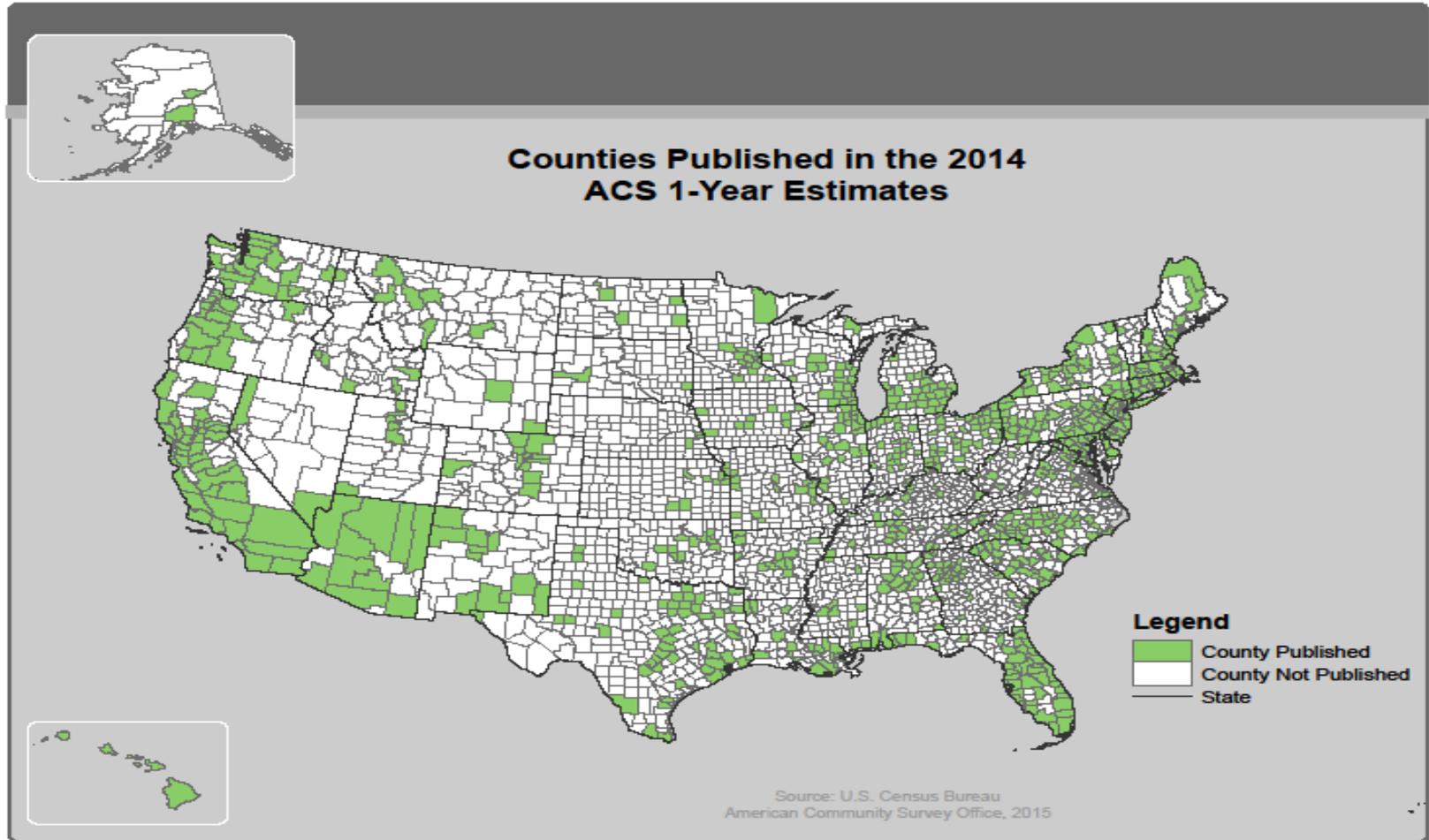
What are Small Area Health Insurance Estimates (SAHIE)?

- The Census Bureau releases model-based health insurance coverage estimates for all U.S. counties on an annual basis.
- SAHIE is the only source of single-year estimates for health insurance coverage for every county.
- Released the 2013 SAHIE estimates on March 17, 2015.
- Funded by the Centers for Disease Control and Prevention's (CDC) National Breast and Cervical Cancer Early Detection Program (NBCCEDP).
- The CDC uses SAHIE to assess the eligible population for breast- and cervical-cancer screening services which are available for low-income, uninsured women.

SAHIE Features

- ACS health insurance coverage estimates are "enhanced" with administrative data.
- SAHIE reflects annual changes over time and consistent estimates are available from 2008 to 2013.
- SAHIE data can be used to analyze geographic variation in health insurance coverage, as well as differences in coverage by race/ethnicity, sex, age, and income levels that reflect thresholds for state and federal assistance programs.

SAHIE Provides Estimates for Every County Annually



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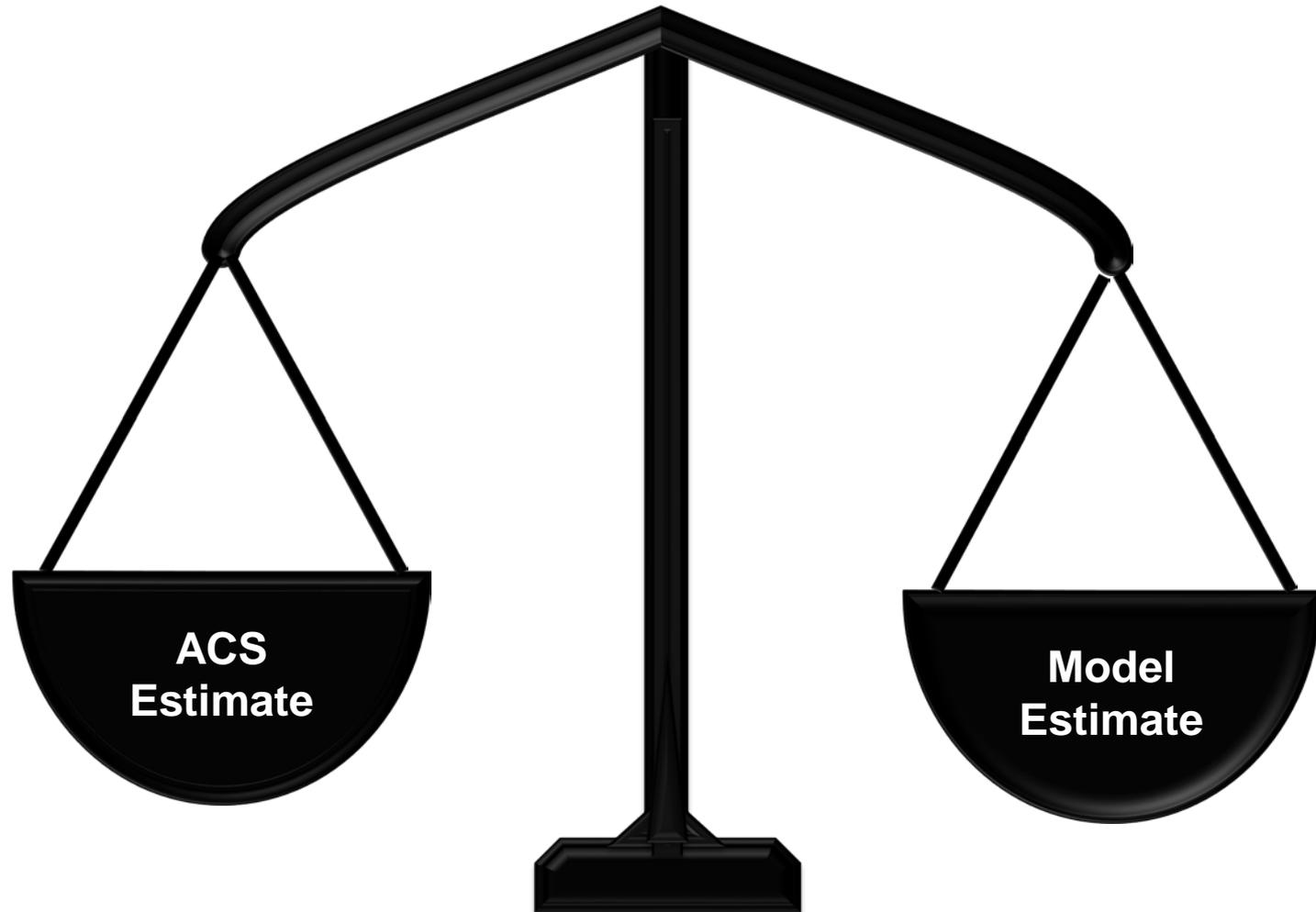
SAHIE Model Data Sources

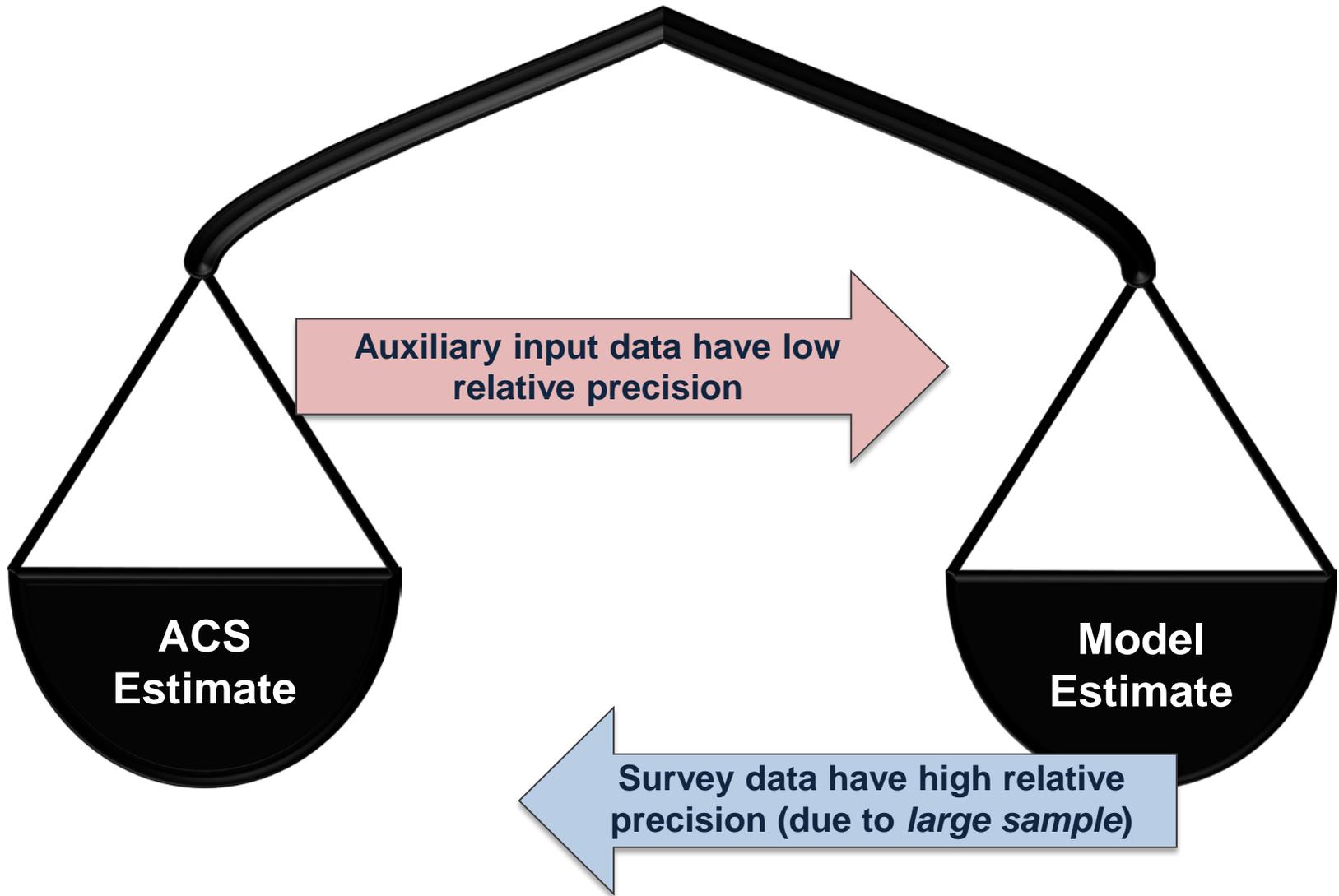
- The American Community Survey (ACS)
 - 1-year estimates (published and unpublished)
 - 5-year estimates
- Census 2010
- Population estimates
- County Business Patterns (CBP)

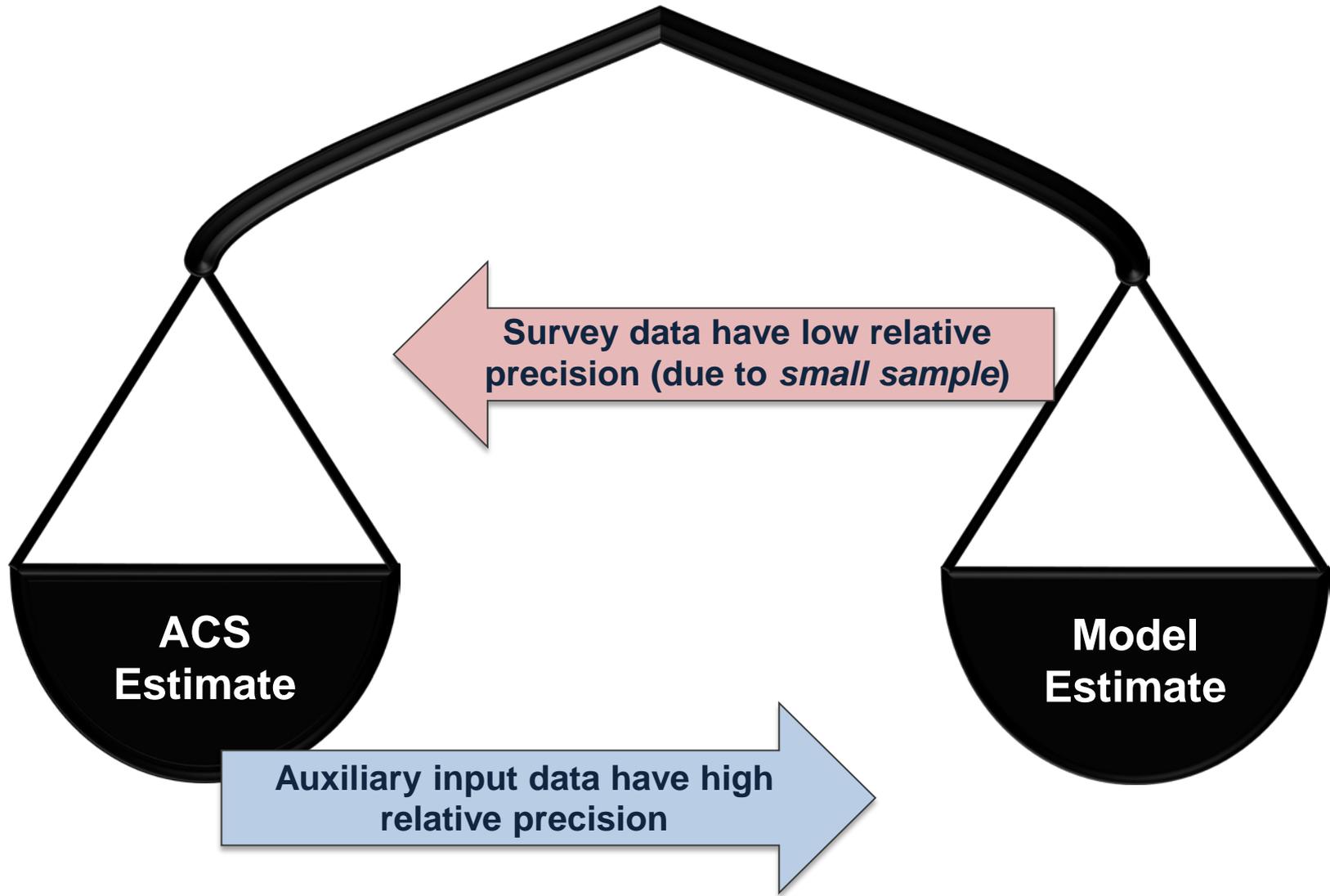
- Aggregated federal tax returns (Internal Revenue Service (IRS))
- Supplemental Nutrition Assistance Program (SNAP) participation records (Food and Nutrition Service (FNS))
- Medicaid and Children's Health Insurance Program (CHIP) participation records (Centers for Medicare and Medicaid Services (CMS))

How the SAHIE Model Works

Weighted average between survey estimate and model estimate

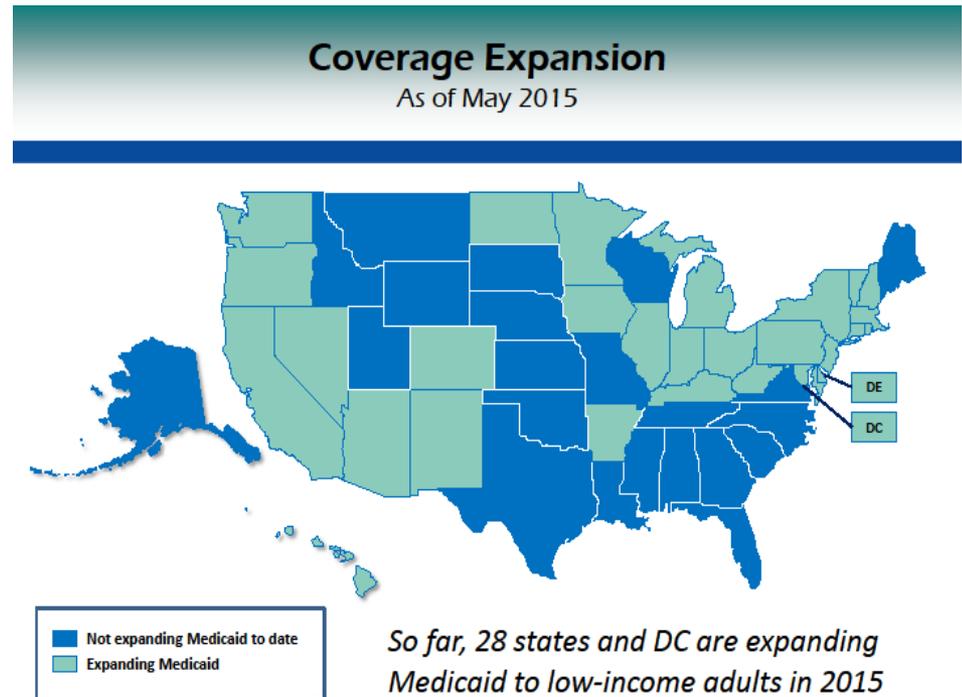






2014 SAHIE Estimates

- Typically, the Medicaid data in the SAHIE model are lagged by a few years (e.g., 2013 SAHIE used 2011 Medicaid data).
- Using lagged Medicaid data for 2014 SAHIE (to be released in 2016) may present an issue.
- We are exploring different options for making use of more current Medicaid data that have recently become available.



Source: Centers for Medicare & Medicaid Services;
<http://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-State/By-State.html>.

Medicaid Data Sources

- Medicaid Statistical Information System (MSIS) and Transformed-Medicaid Statistical Information System (T-MSIS) from CMS
- Medicaid and CHIP Application, Eligibility Determination, and Enrollment Data from CMS
- Medicaid Enrollment Data Collected through the Medicaid Budget and Expenditure System from CMS
- Medicaid and CHIP Enrollment Data Snapshot Report from Kaiser Family Foundation

Summary of Problem

- Changes in Medicaid Eligibility
- Lag of Medicaid Data
- The Transition from MSIS to T-MSIS

Challenge for 2014 SAHIE

- Evaluate the different Medicaid data sources and resulting impact on model estimates and performance.
- Determine whether a modeling change is warranted given the above model evaluations.

Options for SAHIE

- Make no change for 2014 SAHIE: Use lagged (2012) Medicaid data from same source (MSIS-CMS).
- Change Medicaid data source for 2014 SAHIE: Incorporate more recent Medicaid data from newly available sources. Provide a revised 2013 SAHIE using the new model for comparison purposes.
- For 2015 SAHIE and beyond, continue to evaluate new Medicaid data sources for inclusion in the SAHIE model.

SAHIE Release Products

- 2014 SAHIE estimates will be released in 2016.
- If a change in modeling is made, an updated version of 2013 SAHIE data will be released for comparison purposes.
- Detailed documentation of any new data sources and modeling, as well as interactive data tool and files for download will be available on our SAHIE internet page.

Contact Information

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