Introducing the New Survey of Income and Program Participation (SIPP)

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San Diego, CA

This work is released to inform interested parties of ongoing research and to encourage discussion of work in progress. Any views or opinions expressed in the paper are the author’s own and do not necessarily reflect the views or opinions of the U.S. Census Bureau.
SIPP: Mission

Provide a nationally representative sample to evaluate:

- Annual and sub-annual dynamics of income
- Movements into and out of government transfer programs
- Family and social context of individuals and households
- Interactions between these items
SIPP: Current Status

2008 Panel:
- Wrapped up interviews in December 2013
- All files now available for data users
- Panel bridges recession
  - Provides data over five-year period, spanning crash and recovery
  - Monthly, full-sample data from August 2008-May 2013
SIPP: Current Status

2014 Panel:

- Completed Wave 1 interviews in June 2014
  - Collected calendar year 2013 data
- Completed SSA supplement in October 2014
- Wave 2 interviews currently in progress
  - Collecting calendar year 2014 data
Classic SIPP Design: National Panel Survey

- First panel began in 1984
- 1984-1993 panels:
  - Paper instrument
  - Overlapping panel design
- 1996 panel:
  - Converted to CAPI
  - Abutting (end-to-end) panels
Classic SIPP Design: National Panel Survey

- 2004 panel:
  - CAPI revision incorporated significantly more dependent data

- 2008 panel:
  - Delayed due to budget
  - September rather than February 2008 start

- 2014 panel:
  - Most significant change since survey began
Classic SIPP Design: Sample

- Around 11,000 interviewed households for overlapping paper panels
- Expanded to about 45,000 interviewed households for CAPI
- Multistage-stratified sample of the U.S. civilian, non-institutionalized population
Classic SIPP Design: Details

- 4-month recall period
  - 3 interviews per year
- Adults (age 15+) interviewed in Wave 1
  - Data collected for all people
  - Proxy interviews for children under 15
- Follows all interviewed adults in subsequent waves
  - Interview all household members at each address with original Wave 1 adult
Classic SIPP Design: Details

- The sample is divided into 4 rotation groups for monthly interviewing

- Interviews are conducted by personal visit and by decentralized telephone
Classic SIPP Design: Panel Duration

- Paper:
  - About 2½ years
- CAPI:
  - 4 years
- 2008 Panel:
  - Extended to 16 waves
  - About 5 years
Reengineering: Desired Improvements

- Reduce costs
- Reduce respondent burden
- Improve data processing system
- Modernize instrument
- Expand/improve use of administrative records
Reengineering: Key Design Changes

- Annual interview
  - 12-month reference period from 4-month

- Event History Calendar (EHC) methods
  - Facilitates respondent recall over longer reference period
Reengineering: Key Design Changes

- Scope is generally similar to SIPP
  - Broader than core
  - Includes key topical module content in each wave
Reengineering: Key Design Changes

- Better integration of concepts
  - EHC generates integrated reporting across domains
  - Topics previously implemented as add-on modules now integrated
  - Facilitate ‘hooks’ to enable supplements for additional content
Reengineering: Benefits

- Increased efficiency in processing and producing data products
- Added flexibility in administration
  - Dynamic interview month (anytime January-June of interview year)
  - Dynamic reference period, up to 18 months, but extending back to beginning of the reference calendar year
- Incorporated dependent data into EHC instrument
Reengineering: Benefits

- Reduced cost through annual administration
- Improved survey management through realigned structure
- Improved monitoring using all available tools – especially paradata
Reengineering: Timeline

- Proof of concept test (2008)
  - Paper and pencil reinterview test
  - Given to respondents of 2008 SIPP
- CAPI field tests (2010-2013)
  - Integrated Blaise and C# instrument prototype
  - Small sample, drawn from high-poverty areas in large metro areas
- 2014 SIPP EHC-based instrument is the production SIPP instrument
Reengineering: Evaluations

- Key indicators by topic
- False and mistimed transitions
- Instrument usability/flow
- Mover locating procedures and tools
- Paradata evaluation and integration
- Any others?
  - Suggestions welcome!
  - Collaborations, too!
Reengineering: Conclusions

- New SIPP and classic SIPP produce estimates that are not substantially different.
- New SIPP corresponds with administrative data at least as well as classic SIPP.
- As always with panel surveys, transitions fall disproportionately on seams (now Dec-Jan).
Reengineering: Successes

- Integrated Blaise/C# survey instrument that allows:
  - Data storage through a common Blaise data structure
  - Conversational EHC navigation
  - Dependent data incorporated into EHC for Wave 2 and beyond
  - Computer Assisted Recorded Interviewing (CARI)
Reengineering: Successes

- Development of a SAS-based data processing system
  - Contains all-new, ground-up edits
  - Includes model-based imputation for topics
- Responsive and integral stakeholder involvement
- Survey realignment to a new management structure
2014 SIPP: Milestones and Plans

- Fieldwork for Wave 1
  - Data collection completed in early June
  - Sample drawn from 2010 sampling frame
  - 29,825 interviewed households
  - 70.19% response rate
2014 SIPP: Milestones and Plans

- In the middle of fieldwork for Wave 2
  - Runs through the end of May
  - Return to all previously interviewed households
  - Also follow movers

- First data release from 2014 planned by late 2015
2014 SIPP: Milestones and Plans

- SSA Supplement
  - Data collection in September and October 2014
  - Telephone survey of interviewed Wave 1 SIPP adult respondents
  - Collected on behalf of the Social Security Administration
  - Includes marital history, pension receipt, and disability questions not included in SIPP interview

- Overhauled website live at:
  - http://www.census.gov/sipp/
2014 SIPP: Content Overview

- Coverage Questions
- Roster
  - Sex
  - Birthdate/Age
- Demographics
  - Hispanic origin
  - Race
  - Citizenship
  - Language
  - Marital status
  - Parent/child relationships
  - Educational attainment
  - Armed forces status
  - Type 2 people
  - Program/income screeners
- Event History Calendar
  - Residency
  - Marital history
  - Educational enrollment
  - Jobs/Time not working
  - Program receipt
  - Health insurance
- Post-EHC Questions
  - Health insurance
  - Dependent care
  - Non-job income
  - Program income
  - Asset ownership
  - Household expenses
  - Health care utilization
  - Medical expenditures
  - Disability
  - Fertility history
  - Biological parents’ nativity and mortality
  - Child care
  - Child well-being
  - Adult well-being
- Closing Screens
  - Respondent Identification Policy
  - Contact information
  - Moving intentions
2014 SIPP: Content Highlights

Demographics:
- Roster: Interview-month household residents
- Roster of people you lived with during the year but who aren’t in the interview month household (Type 2)
- Age, race, Hispanic origin, sex
- Relationship to householder, including options for same-sex partners and spouses
- Marital status, spouse pointer, year of marriage, times married, ever widowed, ever divorced, fertility screener
2014 SIPP: Content Highlights

Demographics:
- Gender neutral parent identification (Parent 1 and Parent 2)
- Type of parent for parent 1 and 2
- Nativity, citizenship, year moved to U.S., immigration status
- Education: Attainment, vocational/technical, professional certificates and licenses
- Armed forces service: Veteran status, period of service, active duty
### 2014 SIPP: Content Highlights

#### Re-Engineered SIPP 2015 Ver 7.08--07/23/2014

<table>
<thead>
<tr>
<th>Topic</th>
<th>REFERENCE YEAR 2013</th>
<th>INTERVIEW YEAR 2014</th>
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<tbody>
<tr>
<td></td>
<td>Jan</td>
<td>Feb</td>
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<tr>
<td><strong>Residency</strong></td>
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<td>Marital History</td>
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<td>Education</td>
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<td>No Job</td>
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<td>SSI</td>
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<td>Food Stamps</td>
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<td>Gen. Assist.</td>
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<td>WIC</td>
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<td>Private 1</td>
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<td>Private 2</td>
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<td>Medicare</td>
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<td>Medical Assist...</td>
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<td>Military</td>
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<tr>
<td>Other Coverage</td>
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</tbody>
</table>
2014 SIPP: Content Highlights

Residency:

- Up to 5 residences during the calendar year for each person
- Tenure status of each residence
- Public housing status: Housing subsidy receipt, voucher receipt
- Reason for moving to address
- Left censor: Year and month moved into January address, tenure of prior residence
2014 SIPP: Content Highlights

Marital History:

- Up to 3 marital status spells
- Monthly marital status, with spouse pointer
- Monthly cohabitation status, with partner pointer
- Registered domestic partner item for cohabitations
Educational Enrollment:

- Up to 3 spells of educational enrollment
- Grade attended
- School type (public, private, charter, home)
- Enrollment type (full-time/part-time)
- Grade repetition
- Head Start for children 7 and under
2014 SIPP: Content Highlights

Labor Force:
- Up to 7 discrete job/business timelines, each with 2 spells possible
- Timeline for additional work beyond the first 7 jobs
- Type of pay/pay rate
- Job earnings and business profits
- # of hours usually worked per week
- Changes in earnings or hours worked (up to 3)
- Industry, occupation, and class of worker
- Business/employer name, size, type, address
- Union status
- Incorporation status
- Presence of partners (business)
- Time away without pay
2014 SIPP: Content Highlights

Unemployment:

- Spells of unemployment
- Time away from work
- Time out of the labor force
- Reason not working
- Availability for work
- Reason not available
2014 SIPP: Content Highlights

Commuting:
- Mode(s) of travel
- Time to work
- Miles to work
- Costs for a typical week
- Reimbursement of costs

Work Schedule:
- Days worked
- Start and stop times
- Working from home
- Type of schedule
- Reason for schedule
2014 SIPP: Content Highlights

Programs:
- Supplemental Security Income (SSI)
- Temporary Assistance for Needy Families (TANF)
- Pass-through child support payments
- Supplemental Nutrition Assistance Program (SNAP – Food Stamps)
- General Assistance
- Women, Infants, and Children’s Nutrition Program (WIC)
### Programs:
- Up to 3 spells per year recorded for each program
- Who in the household is covered
- Ownership of the coverage
- Reasons for starting and stopping
- Amount received each month
- Up to three changes in amounts

#### 2014 SIPP: Content Highlights

<table>
<thead>
<tr>
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  - (Jobs, Businesses, Contingent Work, Unemployment, Not In Labor Force, Commuting, Work Schedule)
| Programs                             |
  - (SSI, FS, TANF, GA, WIC)          |
| Health Insurance                     |
  - (Private, Medicare, Medicaid, Military, Other) |
| Health insurance follow-up           |
| Dependent care expenses              |
| Social Insurance                     |
  - Annual Programs - Other GI - Lump Sum - Child Support |
| Assets / Balances                    |
| Health (Medical Expenditures - Utilization, Disability) |
| Fertility, Child Care, Child Well-Being |
| Housing - Material Wellbeing, Food Security, Basic Needs |
| Wrap-up and Missing Follow-up visit/call Info |
| Interview closeout                   |
| Contact history instrument (CHI) with Neighborhood Observations Module |
2014 SIPP: Content Highlights

Health Insurance (in EHC):

- Private, Medicare, Medicaid, Military, and Other Coverage timelines
- Two timelines for private coverage to allow overlapping spells
- Who in the household is covered
- Ownership of the coverage
- Whether anyone outside household covered
- Type of coverage
- Cost
- Type of private plan
- Type of deductible
- For 2015: Exchange participation moves to EHC
2014 SIPP: Content Highlights

Health Insurance Follow-up (post-EHC):
- State-based health insurance exchange use (2014)
- Premiums and reimbursement
- Reconciliation of time without coverage
- Reasons no private if employed but not covered
- Reasons no public if not covered at all
- Reasons for not being covered
Programs (Annual and Other):

- Paid care of children or disabled persons so that a person could work, attend training, or look for work in December of reference year
- Total cost of that care in December
- Social Security retirement income and deductions for Medicare (monthly amts.)
- VA benefits (monthly amts.)
- Worker’s compensation (monthly amts.)
- Unemployment compensation (monthly amts.)
- Energy assistance
Programs (Annual and Other):
- Free and reduced-price meal programs
- Lump-sum payments
- Disability income
- Retirement income
- Miscellaneous cash income
- Survivor benefits
- Child support and alimony received
- Support payments made
- EITC receipt and tax filing status
- Other training, food, clothing, cash, and housing assistance
Assets – Income, Joint Holdings, and Balances/Values for:

- Checking and savings
- Money market accounts or funds
- Certificates of deposit
- Mutual funds
- Stocks
- Municipal and corporate bonds
- Government securities and savings bonds
- Royalties
- Rental property and rental property mortgage balance
- Other mortgages
- Miscellaneous investments
Other Assets:

- Real estate owned, market value, and balance owed
- Vehicles (up to 3 per household):
  - Use
  - Make
  - Model
  - Year
  - Balance owed
- Business value and debt
- Retirement account balances
- Unsecured liabilities
2014 SIPP: Content Highlights

Medical Expenditures:
- Overall health status
- Medical out-of-pocket expenses
- Health care utilization
- Hospitalization
- Sick days
- Doctor visits
- Dental visits/teeth lost
- Drug coverage
- Insurance premium payments
- Medical visits by uninsured
Disability:

- Sensory disabilities (sight and hearing)
- For adults: Serious difficulty concentrating, remembering, making decisions, walking or climbing stairs, dressing or bathing, doing errands, finding a job or remaining employed, prevented from working
- For children: Serious difficulty concentrating, remembering, making decisions, walking or climbing stairs, dressing or bathing, playing with children of the same age, doing regular school work
- For young children: A developmental condition or delay that limits ordinary activity
- SSA: Detailed adult, child, and work disability sections in the 2014 supplement

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United States Census Bureau
U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov
Fertility:
- Roster and ages for children birthed/fathered
- Identification of ‘other parent’ if not resident, enabling multi-partner fertility measure
- Grandparent indicator

Parents’ Nativity and Mortality:
- Asked about biological parents
- Collected for both mother and father
- Date of birth
- Country of birth
- Mortality status
- Month/year of death
Child Care:

- Type of arrangements used
- Which children used each
- Weekly amount paid for child care
- Assistance with costs
- Time lost from work related to child care
2014 SIPP: Content Highlights

Child Well-Being:
- Eating dinner with parents
- Reading to and outings with children under 6
- School engagement, school effort
- Grade repetition, suspension, expulsion
- Gifted classes
- Sports, lessons, club participation, religious lessons

Adult/Material Well-Being:
- Environmental noise, trash, safety
- Problems with housing, pests, plumbing
- Ability to pay mortgage or utilities
Food Security:

- Able to buy enough food
- Able to eat balanced meals
- Cut size of meals, and, if so, how often
- Defer food to children
- Hungry because not enough money for food
2014 SIPP: Future Plans

- Create crosswalks from old to new SIPP
- Additional workshops for data users
  - Next workshop: May 15 at Census HQ
- Code repositories
- Data utilities
- Users’ groups
- Reinvent SIPP’s public image
- Broaden SIPP’s user base and collaborations
# Summary: New vs. Classic SIPP

<table>
<thead>
<tr>
<th></th>
<th>NEW SIPP</th>
<th>SIPP CLASSIC</th>
</tr>
</thead>
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<tr>
<td><strong>Instrument</strong></td>
<td>Blaise/C#</td>
<td>DOS-based</td>
</tr>
<tr>
<td><strong>Interview Type</strong></td>
<td>Personal visit/telephone</td>
<td>Personal visit/telephone</td>
</tr>
<tr>
<td><strong>Interview Frequency</strong></td>
<td>Annual</td>
<td>3x/year</td>
</tr>
<tr>
<td><strong>Reference Period</strong></td>
<td>Previous year</td>
<td>Previous 4 months</td>
</tr>
<tr>
<td><strong>Panel Length</strong></td>
<td>4 years (planned)</td>
<td>2.5-5 years</td>
</tr>
<tr>
<td><strong>Sample Size</strong></td>
<td>52,000 households (W1)</td>
<td>11-45,000 households (W1)</td>
</tr>
<tr>
<td><strong>Universe</strong></td>
<td>Civilian, non-institutional</td>
<td>Civilian, non-institutional</td>
</tr>
<tr>
<td><strong>Content</strong></td>
<td>Comprehensive</td>
<td>Comprehensive</td>
</tr>
<tr>
<td><strong>File Structure</strong></td>
<td>Simplified</td>
<td>Complex</td>
</tr>
</tbody>
</table>
Summary: SIPP’s Advantages

- Comprehensive, detailed data on a variety of topical areas
- Measures dynamics of:
  - Households
  - Families
  - Individuals
- Longitudinal
- Follows movers
Summary: Data Resources

- 2008 Panel
  - 5+ years of data
  - Bridges recession

- 2014 Panel
  - Planned release of Wave 1 in late 2015
  - Planned release of Wave 2 in mid-2016
Summary: Data Sources
(Learn More Later in the Workshop!)

- SIPP website
- Census FTP site
- DataFerrett
- Orlin Systems
- SIPP Synthetic Beta
THANK YOU!

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http://www.census.gov/sipp