

**REQUEST FOR PROPOSALS**

**Using Linked Data to Advance Evidence-Based Policymaking:  
Helping Projects Utilize the U.S. Census Bureau Linkage Infrastructure**

**Date of Release: August 1, 2016**

**Due Date: 11:59 p.m. Central Time on September 20, 2016**

**Overview**

This Request for Proposals (RFP) is soliciting a broad range of research and evaluation pilot studies exploring long-term outcomes of policies and interventions in order to inform public decision makers. **We are seeking projects that link state and local administrative data in combination with data available at the Census Bureau to provide policy-relevant insights on public programs. Projects of interest may range in scope from impact evaluations of innovative strategies for delivering Federal programs to needs assessments conducted to more efficiently target services.**

**In addition to full proposals, we also invite letters of interest for future projects. These are intended to gauge the demand from researchers<sup>1</sup> and state and local governments for linking their data to the Census Bureau infrastructure and to inform capacity building within all levels of government. Projects may be summarized and disseminated with approval of proposal authors. Strong examples may be considered for future opportunities.**

Government policymakers and program managers at the Federal, state, and local levels are under increasing pressure to ensure that their programs are achieving better results at lower cost. In many programs serving vulnerable populations, policymakers and managers lack access to information about program outcomes and to evaluations that can inform policy decisions and strategies for improvement. One significant barrier to the availability of evidence is lack of access to key data sets that can reliably measure important outcomes for program participants. To address this problem, the U.S. Census Bureau and Chapin Hall have formed a partnership to demonstrate innovative strategies, which adhere to privacy laws and regulations, for linking data across programs and levels of government to advance evidence-based policymaking. This project is supported by the Laura and John Arnold Foundation.

For the past two decades, Chapin Hall has been integrating data from multiple state and local programs with Federal administrative and survey data, as well as with survey data collected by external organization and researchers. These data have been linked to evaluate the use of government programs and to analyze their impacts. The Census Bureau provides researchers with a secure environment, the capacity to combine datasets using rigorous statistical methods, and the ability to acquire data from state and local government as well as private resources. Meanwhile, universities throughout the country are building the capacity to serve as data

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<sup>1</sup> For the purposes of this RFP, the team “researcher” is used broadly to refer to researchers, evaluators, investigators, and other similar personnel inside academic and governmental entities.

intermediaries between researchers and the Census Bureau, and will play a vital role in optimizing the Census Bureau's data infrastructure in years to come.

Linked administrative data systems greatly increase our ability to generate actionable information about policies at low cost because they provide richer information on outcomes across domains and give researchers and government officials a single access point to relevant data held by others. However, the full potential of these systems has not yet been realized. Linking evaluation data of interest to other datasets held at the Census Bureau can dramatically increase evidence-building capacity, creating use-cases that demonstrate the value of the Census Bureau's linkage system and giving the Census Bureau the fuel it needs to support policy agendas focused on learning and improvement.

The timing for generating powerful use-cases is ripe. This project is positioned to inform the work of the recently established Commission on Evidence-Based Policymaking (Public Law No: 114-140 Evidence-Based Policymaking Commission Act of 2016). The bi-partisan Commission is tasked to study the existing data inventory related to Federal policymaking and issue recommendations for making such data integrated and available for program evaluation, policy-relevant research, and cost-benefit analysis. By informing the Commission, the studies supported through this RFP will have the potential to shape the future of the Federal data infrastructure for policy research.

Chapin Hall is soliciting two types of submissions under this project:

- I. **Full proposals for projects ready for implementation in 2016:** Strong proposals that meet all the criteria specified below will be considered for the initial data-linkage pilots supported by Chapin Hall and the Census Bureau. Proposals should be developed by researchers in partnership with state or local governments or major non-profit organizations.

Specifically, pilots selected through this RFP will be able to receive the following services:

- Consultation on the preparation of Principal Investigator (PI) held data (data that projects bring into the Census Bureau for linkage) for incorporation into the Census Bureau's secure infrastructure
- If needed, data processing of PI held data to produce one or more datasets for incorporation into the Census Bureau infrastructure
- Consultation on Census Bureau data resources and their fit to the research design and analysis plan
- Facilitation of Special Sworn Status, background checks, and data sharing agreements

- Preparation of combined datasets, assignment of unique identifiers, and documentation of quality of data and data linkage<sup>2</sup>
- Facilitation of access to final datasets at a Federal Census Research Data Center
- Facilitation of disclosure and output review

**II. Letters of interest for possible future projects:** Letters of interest, for projects that do not yet meet all the selection criteria, will be reviewed to identify potential future projects that could benefit from the Census Bureau linkage infrastructure. Letters of interest will inform Census Bureau plans to expand and improve its data linkage processes to meet demand for high-quality program evaluations. Compelling examples of potential future projects may be published with the approval of proposal authors and may be shared with the Evidence-Based Policymaking Commission, Congressional committees, and relevant Federal agencies. Applicants submitting the strongest letters of interest may be invited to submit full proposals.

### **Census Bureau Administrative Data Sources**

Census Bureau held data available for linking are listed below. See Appendix B for a detailed list and description of Census Bureau data available for linking.

- Medicare and Medicaid participation, Supplemental Security Income (SSI), Social Security Disability Insurance (SSDI), Temporary Assistance for Needy Families (TANF, select states), Unemployment Insurance wages (UI, select states), Tenant Rental Assistance Certification Center (HUD TRACS), Homelessness Management Information System (HMIS, select municipalities, pending), foreclosures and property tax, Death Master File, Census Bureau Location Finder, Decennial Census, and the American Community Survey (ACS).
- The Census Bureau expects to hold data from the Department of Housing and Urban Development's Moving to Opportunity for Fair Housing (MTO) research demonstration; we are especially interested in proposals utilizing MTO data.
- In addition, the Census Bureau has access to some IRS data (including the EITC and adjusted gross income), Supplemental Nutrition Assistance Program (SNAP) data for select states, veteran status data, Low Income Home Energy Assistance Program (LIHEAP) data for Colorado, and HMIS data for select municipalities with more restricted access. It may be possible for researchers to utilize SNAP, IRS, Veterans Administration (VA), LIHEAP, and selected HMIS data with a compelling project; such projects may require an extended timeframe for obtaining IRS, VA, state, or municipality approval.
- Other non-governmental data sets, such as nationwide data on postsecondary education outcomes that are held by the National Student Clearinghouse, may be available for linkage under certain circumstances, subject to approval by the owners of such data.

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<sup>2</sup> For more information on the Census Bureau's Person Identification Validation System (PVS) and record linkage process, see the following working papers: "[The Person Identification Validation System \(PVS\): Applying the Center for Administrative Records Research and Applications' \(CARRA\) Record Linkage Software](#)" and "[Estimating Record Linkage False Match Rate for the Person Identification Validation System.](#)"

## **FULL PROPOSALS READY FOR IMPLEMENTATION IN 2016:**

Up to five pilot projects will be selected that explore long-term outcomes of policies and interventions by leveraging the Census Bureau's access to, and authority to link, Federal and state administrative data. Projects must focus on policy questions of recognized importance that can inform decision makers about ways to improve public policies and programs and enhance cost-effectiveness. The project award covers the cost of access to and linkage with the Census Bureau data holdings. Selected projects will not receive grant funds directly.

Selected projects will benefit from a streamlined process of data acquisition and linking. Under this proposal, evaluators will work with the Bureau as partners, rather than as external researchers, to conduct general program evaluations via a streamlined process that may include remote access.

This initiative aims to conduct or build upon high impact research projects. For example, important populations may include at-risk youth, veterans, individuals with disabilities, low-income parents, and high-cost/high-need individuals and families. The Census Bureau will integrate administrative records with existing research datasets (provided by selected applicants) that specify treatment groups, eligible populations, and program-specific proximal or distal outcomes that provide additional insight on family and economic outcomes.

We seek researchers with projects exploring social problems that can benefit from the Census Bureau data infrastructure. Potential benefits include access to additional or more reliable data on individuals and families, faster timeframes for accessing data, and lower costs of completing studies. To meet the required timeframes specified below, applicants must have projects already underway, which could be enhanced by access to Census Bureau held data, or be able to implement a new study on a highly compressed schedule. Projects may include:

- (1) Impact evaluations: These program evaluations would measure the effectiveness of interventions or policies that are in the process of being conducted. Preference would be given to randomized controlled trials or strong quasi-experiments, but correlational studies would also be considered where stronger designs are not possible to answer an important research question.
- (2) Long-term follow-up studies of prior randomized controlled trials: These studies would measure and compare outcomes for control and treatment groups established for prior studies, if data use agreements allow.
- (3) Outcome measurement studies: These studies would produce aggregated outcome data that can be used to track and measure performance of programs, interventions, or providers. Potential audiences could be government decision-makers or consumers and program users (e.g., through production and dissemination of consumer report cards). Such studies can include recurring annual updates for up to 4 years (if the pilot is successful, continued access for extended reporting may be possible).
- (4) Needs assessments and descriptive studies: These studies would help decision-makers understand the needs of particular populations or geographic areas, which could be used to improve targeting of services.

- (5) Multi-generation studies: These studies would leverage the Census Bureau’s capacity to link data across at least two generations to learn about program impacts and characteristics of program participants and their families.

Illustrative examples of potential projects are included in Appendix A.

### **Application Process for Full Proposals**

Applications will be evaluated by a multi-disciplinary group of experts across sectors in consultation with staff from the Census Bureau and other government agencies. Proposals should define their target population, the data sources they will use in the analysis, and the Census Bureau data holdings that will extend and improve their results. Any supplemental materials (journal articles, reports, proposals) are welcome. Chapin Hall may follow-up to ask questions about the submitted proposal.

- a. **Application timeline.** All prospective applicants are asked to submit a full proposal by 11:59 p.m. Central Time on **September 20, 2016**. Applicants will be notified whether they have been selected for participation by **November 2016**.
- b. **Proposals should address each of the selection criteria below, within the stated word limits for each section.** Please submit the application via electronic submission form available [here](#). Complete the proposal submission by providing responses to each of the selection criteria. Each criterion will have a separate field in the submission form. It is recommended that you draft responses in advance and then paste them into the submission form.
- c. **Applicant feedback.** No individual feedback will be provided to projects that are not selected.

**Selection Criteria for Full Proposals.** Chapin Hall, based upon consultations with government and non-government experts, has the discretion to select from eligible proposals with preference for projects that maximize utility of the data linkage capacity. Proposals will be evaluated based upon the following factors:

- a. **Policy Importance and Relevance** [maximum 500 words]: What clear and significant research and policy questions does the project address? Does the proposed research or evaluation have high policy relevance? Applicants should describe how their project will build evidence and/or new knowledge to inform decision makers or consumers in ways that will improve public policies and programs that are funded by the Federal government and enhance cost-effectiveness.
- b. **Data and Research Design** [maximum 1000 words]: Does the proposed research or evaluation have a compelling and rigorous research plan to integrate data held by the Principal Investigator (PI held data or “local data”) with Census Bureau data holdings? Applicants should define a target population, identify the data sources they will use in the analysis, demonstrate a sufficiently large sample (as shown through

power analysis) to generate credible findings, and describe how Census Bureau data holdings will extend and improve their results. They should demonstrate that their proposed research design is as rigorous as possible and appropriate for the research questions being addressed. To be considered as a Full Proposal Ready for Implementation in 2016, proposals must include PI held data; projects proposing to link with Census Bureau holdings without incorporating PI held data are invited to submit a Letter of Interest for Potential Future Projects.

- c. Optimizing the Census Bureau Linkage Infrastructure** [maximum 300 words]: Does the proposed evaluation demonstrate the benefits of using the [Census Bureau's infrastructure for data and data linkage](#)? Applicants should describe how their study will benefit from integration with Census Bureau data, highlighting the important research questions and policy-relevant analyses that can only be addressed with the data linkage capability. If applicable, indicate how this process may facilitate reduced timelines and costs compared to the normal process of obtaining and linking data. Specific uses of the data listed in the Census Bureau Administrative Data Sources above should be discussed.
- d. High Data Quality and Security for Integration Success** [maximum 500 words]: Does the research team have access to identified data, permission to use data for the stated purpose, and the ability to transfer data securely to the Census Bureau? Applicants need access to data with some combination of high-quality identifiers (including name, date of birth, address, and Social Security Number) to facilitate linking with administrative data at the Census Bureau. Applicants should also provide affirmation that data may be used for the stated purpose and/or provide evidence of the ability to obtain necessary data permissions. The Census Bureau will prescribe protocols for maintaining data security, including data transfer and storage. Eligibility for remote access is determined by the data providers and the Census Bureau. Applicants should state whether or not an [FSRDC access option](#) is feasible.
- e. Research or Evaluation Expertise** [maximum 300 words]: Does the applicant's team include at least one researcher in a key substantive role with the experience and expertise to analyze data produced by the Census Bureau? Applicants should briefly describe the research and analytic expertise of their team, with an emphasis on previous experience working with administrative data and data integration.
- f. Strong Commitment of Government or Non-profit Partners** [maximum 300 words]: Are the government or non-profit partners committed to using the results of the research to inform decision-making and improve program effectiveness? Applicants should identify the executives who have been involved in developing the project and the ways in which the results of the research may be used to inform future decisions. Letters of support are encouraged but not required.
- g. Ability to Meet Project Milestones** [maximum 300 words]: Does the proposed project have the capacity to meet project milestones in a timely manner? Applicants should provide evidence they are able to meet key project benchmarks by the stated

deadlines. In particular, submit study design and analysis plan by January 12, 2017; have data obtained (with any necessary permissions); and prepared for submission to the Census Bureau for integration by May 2017, and complete proposed data analysis by November 2017. Projects that satisfy all other selection criteria will still be considered if they cannot meet project milestones.

<b>SEP 2016</b>	Submit proposal applications
<b>NOV 2016</b>	Notification of selected proposals
<b>DEC 2016</b>	Obtain Special Sworn Status and agreements for collaborators
<b>JAN 2017</b>	Create study design, identify external data sources, and produce analysis plans
<b>MAY 2017</b>	Submit data to Census Bureau for data integration
<b>JUN 2017</b>	Begin data processing and data analysis
<b>SEP 2017</b>	Data analysis status report meeting 1
<b>NOV 2017</b>	Complete data analysis
<b>JAN 2018</b>	Data analysis status report meeting 2
<b>MAR 2018</b>	Present project and study findings to sponsor

**h. Additional items to include with the proposal:**

- i. Ethical Research** [maximum 250 words]: Applicants should briefly address how their study meets the recognized ethical standards for research with human subjects (e.g., IRB approval or equivalent evidence of consent and/or permission to use and share data).
- ii. Financial Ability** [maximum 250 words]: Applicants should provide evidence of their financial ability to analyze data from the Census Bureau and complete project deliverables. Briefly describe resources (e.g. grant funding, dedicated staff time etc.) available to support the project. No additional documentation is required.
- iii. Project Summary** [maximum 500 words]: Applications should provide a brief summary of the proposed project using the following headings.
  - 1. Project Overview: summary of the project design and key research questions
  - 2. Policy Relevance: highlight the policy relevance and importance of proposed project
  - 3. Data: list PI held data (data collaborators bring to the project) and proposed Census Bureau data sources for linkage
  - 4. Project Team: list all participating organizations and key personnel
- iv. CV or Bio Sketch**: Please include an abridged CV or bio sketch, not longer than five pages, for each Principal Investigator. Upload CVs in the electronic submission form.

**What to Expect: Selected projects will be asked, as a condition of participation, to:**

- a. Execute required data sharing agreements with the Census Bureau and Chapin Hall. One or more researchers will need to obtain Special Sworn Status with the Census Bureau.
- b. Provide periodic reports on the study's progress (reporting schedule will be determined with selected projects), and before any key decisions that could materially affect the study's design or implementation. Researchers will also participate in activities for two data analysis status report meetings (planned for September 2017 and January 2018).
- c. Share evaluation results and best practices for data use with the pilot's sponsor and other collaborators (planned for March 2018). The Laura and John Arnold Foundation, Chapin Hall, or the Census Bureau may also disseminate or publicize evaluation results and best practices.
- d. Projects will be required to register with the [Open Science Framework](#), and upload a copy of the research and analysis plan in their proposal.
- e. Make datasets and related materials (e.g., survey instruments, code used to clean and analyze datasets) publicly available on the OSF site. Applicants will be asked to do this within one year of the last data collection and only to the extent allowed under any confidentiality/privacy protections.

**LETTERS OF INTEREST FOR POTENTIAL FUTURE PROJECTS:**

Partnerships involving researchers, government agencies, or other organizations are invited to submit letters of interest explaining significant research questions that could be explored in a future study. Please submit letters of interest via the electronic submission form available [here](#). Letters of interest should include a cover letter and a brief summary of the proposed project using the following headings (summary should not exceed 500 words):

1. Project Overview: summary of the project design and key research questions
2. Policy Relevance: highlight the policy relevance and importance of proposed project
3. Data: list PI held data (data collaborators bring to the project) and proposed Census Bureau data sources for linkage
4. Project Team: list all participating organizations and key personnel

Study concepts gathered through letters of interest will be reviewed by Chapin Hall in consultation with a multi-disciplinary group of experts and staff from the Census Bureau and different levels of government. Strong examples, which illustrate how the Census Bureau



infrastructure could help improve evidence-based decision-making in federally funded programs, will be published by Chapin Hall and shared with Federal agencies, Congress, and the Evidence-Based Policymaking Commission. Applicants with strong concepts that address important policy issues may be invited to submit full proposals.

**Learn More**

Check the project webpage for additional information and updates to the RFP:

<http://www.chapinhall.org/pages/RFP-Linked-Data-Evidence-Based-Policymaking>

For specific questions about the RFP or submission process, please email Leah Gjertson at

[lgjertson@chapinhall.org](mailto:lgjertson@chapinhall.org)

## Appendix A. Illustrative Examples of Potential Projects

**Impact evaluations:** A researcher conducted a randomized controlled trial of an intervention serving adolescent youth with disabilities that is intended to improve educational and/or employment outcomes and reduce dependency on federal disability insurance as the youth transition to adulthood. The project links participant data to federally held data on income, receipt of disability insurance, and receipt of housing assistance for people with disabilities. Data on postsecondary education enrollment and graduation also may be available through the National Student Clearinghouse.

**Long-term follow-up studies:** A researcher holds data on criminal convictions and health statuses. The project links these data to HUD's Moving to Opportunity (MTO) participant data (federally held), conducted in the 1990s, as well as to the 2010 and 2000 Censuses. The project studies the MTO intervention's long-term impact on health outcomes, criminal convictions, and neighborhood indicators of segregation, health, and criminal justice.

**Outcome measurement studies:** Researchers working with a large state university system hold data on students enrolled during the past 10 years, broken down by branch campus, program of study, and time to completion. The project links student data to federally held data on income, veteran status, and residence to help the state track important aggregate outcomes of students who attended or graduated from the university system. As part of the project, the researcher produces consumer report cards that include average earnings for graduates by campus and program of study, intended to help students and families make informed choices about which university program to select.

**Needs assessments and descriptive studies:** A researcher has authorization to access state or local SNAP enrollment data. The project links SNAP data with the American Community Survey to understand the characteristics and geographic distribution of the population that is eligible, but not participating in SNAP.

**Multi-generation studies:** A researcher has access to contemporary data on school enrollment and high school graduation as well as data from an early 1990s randomized controlled trial studying an education intervention for low-income youth and young adults. The project links the PI held intervention data to Census 2000 and 2010 data to find children of study participants, then links to PI held school enrollment and graduation data. The researcher studies the educational attainment of the original intervention study participants and their children, facilitating future research on causal mechanisms that contribute to educational and other forms of social mobility. Data on postsecondary enrollment and graduation also may be available through the National Student Clearinghouse.

For examples of research conducted within the [Census Bureau Linkage Infrastructure](#), visit the [Center for Administrative Records Research and Applications \(CARRA\) Working Paper site](#), including:

- [Do Doubled-up Families Minimize Household-level Tax Burden?](#)
- [The EITC over the business cycle: Who benefits?](#)

- [The Effect of Low-Income Housing on Neighborhood Mobility: Evidence from Linked Micro-Data](#)
- [Measuring the Effects of the Tipped Minimum Wage Using W-2 Data](#)
- [STEM Training and Early Career Outcomes of Female and Male Graduate Students: Evidence from UMETRICS Data Linked to the 2010 Census](#)

## Appendix B. Detailed List and Description of Census Bureau Research Data Holdings

### Census Bureau Holdings of Research Data Files (Current as of 7/19/16)

*NOTE: Data access varies by source and requires approval by data owners.*

#### LIST:

##### Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Person data:
      - Form 1040 Returns
      - Information Returns
    - Business data:
      - Form SS-4 Application for Employer Identification Number
      - Schedule K-1 (Form 1065/1120-S), Partner's/Shareholders Share of Income, Deductions, Credits
      - Business Master File Entity information
      - Forms 941, 941PR, 941SS, 943, 943PR, 944, 944-SP, 944-PR, 944-SS
      - Form 1040, 1040 Schedules C, C/EZ, SE, E; Form 1040-SS, Form 1040-PR
      - Forms 1120, 1120F, 1120L, 1120-PC, 1120-RIC, 1120-REIT, 990-R (formerly 990), 990-RZ (formerly 990-EZ), 990-PF, 1120-C (formerly 990-C), 6765, 851, 1096, 990-N
- Social Security Administration
  - NUMIDENT
  - SSA Administrative Records linked to Current Population Survey [MEF, MBR, PHUS, SSR, NDDSS/831, OASDI]
  - SSA Administrative Records linked to Survey of Income and Program Participation [MEF, MBR, PHUS, SSR, NDDSS/831, OASDI]
  - Master Beneficiary Record
  - Supplemental Security Income Record
  - Death Master File
- Housing and Urban Development
  - Public and Indian Housing Information Center
  - Tenant Rental Assistance Certification Center
  - Computerized Homes Underwriting Management System
- Health and Human Services
  - Center for Medicare and Medicaid Services
    - Medicare Enrollment Database
    - Medicaid Statistical Information System
    - Medicaid Analytic Extract
  - Indian Health Service
    - IHS Patient Registration File

- Administration for Children and Families
  - Temporary Assistance to Needy Families
  - Children’s Bureau/Child Care Development Fund
- National Center for Health Statistics
  - National Death Index linked to Current Population Survey
- Office of Personnel Management
  - Central Personnel Data File
- Selective Service System
  - Registration File
- United States Postal Service
  - National Change of Address
- Department of Commerce
  - United States Patent and Trademark Office – Patent Applications
- Small Business Administration
  - General Small Business Loans7(a)
  - CDC/504 Loan Guarantee Program
  - Disaster Loan Data
- Department of Veterans Affairs
  - Veterans Data

#### State Programs

- Unemployment Insurance
  - 50 states, DC, Puerto Rico
- Supplemental Nutritional Assistance Program
  - CO, IL, HI, KY, MD, NJ, NY, OR, TX, VA
- Special Supplemental Nutritional Assistance Program for Women, Infants, and Children
  - CO, NV
- Temporary Assistance to Needy Families
  - IL, KY, MD, NJ, NY, WI
- Child Care Subsidy
  - WI
- Low Income Home Energy Assistance Program
  - CO
- Alaska Permanent Fund Dividend

#### Other Governmental Programs

- Puerto Rico Tax Data
- Homeless Management Information System
  - Houston, TX; Los Angeles, CA

### Third Party

- Corelogic – Deeds, Property Taxes, Multiple Listing Service, Foreclosures, Automated Valuation Model
- Experian – Credit Bureau Header Data
- Infogroup – Household Member Data
- Melissa – Household Member Data
- Targus/Neustar – Household Member and Telephone Data
- VSGI – Household Member and Telephone Data
- DAR Partners – Household Member and Telephone Data
- RealtyTrac – Real Estate Data
- REIS Commercial Real Estate Information – Commercial-to-Residential Zoning Changes
- MDR – Education Information
- National Exchange Carrier Association – Company Code Assignment
- United Way 211 Data
- Institute for Research on Innovation and Science/Innovation Measurement Initiative – University Employee Data
- Public Schools Data
  - San Francisco, CA; Garden Grove, CA

## DETAILS:

### Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Form 1040 Returns

Years available: Tax years 1969, 1974, 1979, 1984, 1989, 1994, 1995, 1998-2015

Frequency of updates: periodic through 2014, monthly from 2015

Description: Individual Income Tax Returns provide data for individuals who file a 1040 tax return. These data include all returns received by the IRS and include the mailing address on the return (generally as of around April 15, 2010), the name and Taxpayer Identification Number (TIN) for the primary filer, and the name and TIN for any spouse and/or up to four dependents on the form. This delivery includes all returns, whether filed on paper or electronically. In addition, the subset of 1040 forms that were filed electronically (ELF) have been periodically obtained as a separate extract. These separate ELF deliveries provide information on up to twenty dependents (whereas the main 1040 delivery includes information only on the first four dependents).

### Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Information Returns

Years available: Tax years 1996-2004 (1099-R), 2003-2015

Frequency of updates: periodic through 2014, monthly from 2015

Description: Information Returns 1099 include name, address, and TIN for individuals as reported to the IRS by financial institutions and employers on the various Information Returns. IRS shares data from forms W-2, 1098, 1099-S, SA-1099, 1099-G, 1099-DIV, 1099-INT, 1099-MISC, and 1099-R. Each year, a separate delivery of the W-2s and 1099-Rs provides limited income variables.

### Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Form SS-4 Application for Employer Identification Number

Years available: 2004-2016 (current)

Frequency of updates: Biweekly, transaction file

Description: The SS-4 form is used to apply for an employer identification number (EIN). An EIN is a nine-digit number (for example, 12-3456789) assigned to employers, sole proprietors, corporations, partnerships, estates, trusts, certain individuals, and other entities for tax filing and reporting purposes. It includes information such as the name of the business (legal and trade), the address (physical and mail), type of entity, reason for application, the name of the individual making the request. The file is a transaction-level file.

## Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Schedule K-1 (Form 1065/1120-S), Partner's/Shareholders Share of Income, Deductions, Credits

Years available: 2007-2016 (current)

Frequency of updates: Monthly, transaction file

Description: Pass through entities (partnerships, LLC, S-Corps) file a copy of Schedule K-1 with the IRS to report the share of the partnership/shareholder income, deductions, credits, etc. It includes information such as EIN, Business Name and address, Partner/shareholder SSN, partner/shareholder name and address, partner/shareholder share of profit, loss, and capital, share of current year income, deductions, credits. The file is a transaction-level file.

## Federal Departments and Agencies

- Treasury
  - Internal Revenue Service
    - Business Master File Entity information
    - Forms 941, 941PR, 941SS, 943, 943PR, 944, 944-SP, 944-PR, 944-SS
    - Form 1040, 1040 Schedules C, C/EZ, SE, E; Form 1040-SS, Form 1040-PR
    - Forms 1120, 1120F, 1120L, 1120-PC, 1120-RIC, 1120-REIT, 990-R (formerly 990), 990-RZ (formerly 990-EZ), 990-PF, 1120-C (formerly 990-C), 6765, 851, 1096, 990-N

Years available: (current)

Frequency of updates: Flow basis, transaction file

Description: Forms filed by businesses to the Internal Revenue Service (IRS). All are transaction-level files.

## Federal Departments and Agencies

- Social Security Administration
  - NUMIDENT

Years available: cumulative file built from updates received since original delivery in 1998

Frequency of updates: quarterly

Description: The SSA "Numerical Identification System" (NUMIDENT) contains all transactions ever recorded against each SSN, for every SSN ever issued since 1936. Transactions can include a birth, death, or change to relevant demographic information such as name. Each new entry represents an addition or change to the information for a given SSN. The file contains information such as name, date of birth, gender, race, place of birth, citizenship status and date of death. Researchers at Census use a processed version of the Numident referred to as the



Census Numident. The Census Numident is created from the SSA Numident transactions by creating a “one best-data record” per SSN.

Federal Departments and Agencies

- Social Security Administration
  - SSA Administrative Records linked to Current Population Survey

Years available: CPS ASEC 1973, 1991, 1994, 1996-2015

Frequency of updates: irregular

Description: Administrative data from SSA programs are matched to Current Population Survey (CPS) respondents, including all SSA program data collected prior to and following the CPS data collection. Matched programs include Earnings Record and Self-Employment Income System (also known as the Master Earnings File (MEF) (System Number 60-0059) – this file contains Federal Tax Information (FTI) maintained by SSA, both summary and detailed parts); Master Beneficiary Record (MBR) (System Number 60-0090) – to include data from the Payment History Update System (PHUS); Supplemental Security Income Record and Special Veterans Benefits (SSR) (System Number 60-0103); National Disability Determination Services (NDDSS) File/Form 831 (System Number 60-0044); Old Age, and Survivor Disability Insurance (OASDI) data; and Master Files of Social Security Number (SSN) Holders and SSN Applications (also known as the NUMIDENT) (System Number 60-0058).

Federal Departments and Agencies

- Social Security Administration
  - SSA Administrative Records linked to Survey of Income and Program Participation

Years available: SIPP panels from 1984, 1990-1996, 2001-2008, 2015 (Wave 2) and field tests for the redesigned SIPP

Frequency of updates: annual

Description: Administrative data from SSA programs are matched to Survey of Income and Program Participation (SIPP) respondents, including all SSA program data collected prior to and following the SIPP data collection. Matched programs include Earnings Record and Self-Employment Income System (also known as the Master Earnings File (MEF) (System Number 60-0059) – this file contains Federal Tax Information (FTI) maintained by SSA, both summary and detailed parts); Master Beneficiary Record (MBR) (System Number 60-0090) – to include data from the Payment History Update System (PHUS); Supplemental Security Income Record and Special Veterans Benefits (SSR) (System Number 60-0103); National Disability Determination Services (NDDSS)/Form 831 File (System Number 60-0044); Old Age, and Survivor Disability Insurance (OASDI) data; and Master Files of Social Security Number (SSN) Holders and SSN Applications (also known as the NUMIDENT) (System Number 60-0058).

Federal Departments and Agencies

- Social Security Administration
  - Master Beneficiary Record

Years available: 2016 (pending)

Frequency of updates:

Description: Master Beneficiary Record (MBR), includes the Detailed Earnings Record (DER) and the summary earnings data.

Federal Departments and Agencies

- Social Security Administration
  - Supplemental Security Income Record and Special Veterans Benefits

Years available: 2016 (pending)

Frequency of updates:

Description: Supplemental Security Income Record and Special Veterans Benefits (SSR)

Federal Departments and Agencies

- Social Security Administration
  - Death Master File

Years available: 2000–2016 (current)

Frequency of updates: Monthly

Description: Death Master File (DMF) provides person-level death information created from SSA payment records. Access is very restricted.

Federal Departments and Agencies

- Housing and Urban Development
  - Public and Indian Housing Information Center

Years available: 1999-2016

Frequency of updates: annual

Description: The Public and Indian Housing Information Center (PIC) dataset is an annual extract from HUD's administrative system that manages financial controls over Indian Housing, Housing Choice Voucher, and Public Housing programs. Indian Housing ensures that safe, decent and affordable housing is available to Native American families and creates economic opportunities for Tribes and Indian housing residents. Housing Choice Vouchers allow very low-income families to choose and lease or purchase safe, decent, and affordable privately-owned rental housing. Public housing provides decent and safe rental housing for eligible low-income families, the elderly, and persons with disabilities. The PIC file contains information on all members of each household with a participant in a covered program. Variables include age, race, sex, household relationships, rent, and household income.

Federal Departments and Agencies

- Housing and Urban Development
  - Tenant Rental Assistance Certification Center

Years available: 1999-2016

Frequency of updates: annual

Description: The Tenant Rental Assistance Certification Systems (TRACS) dataset is an annual extract from HUD's administrative system that manages financial controls over assisted housing programs. TRACS files contain information about a number of programs collectively referred to as privately-owned, subsidized housing. The TRACS file contain information on all members of each household with a participant in a covered program. Variables include age, race, sex, household relationships, rent, and household income. TRACS recipients generally include the low-income population, the elderly, and persons with disabilities.

Federal Departments and Agencies

- Housing and Urban Development
  - Computerized Homes Underwriting Management System

Years available: 2000-2010

Frequency of updates: irregular

Description: The Federal Housing Administration (FHA) provides mortgage insurance on loans made by FHA-approved lenders throughout the United States. The Computerized Homes Underwriting Management System (CHUMS) is a database of potential borrowers' personal financial and employment-related information used to determine eligibility for FHA insured financing. Each record in the file represents an approved Federal Housing Administration loan application for purchasing a house, and as such includes information about borrowers and co-borrowers. The file contains information on all loans insured by FHA.

The CHUMS file delivered to Census contains a subset of the variables available in the FHA CHUMS file. Every observation in the Census version of the CHUMS file has an endorsement date, and all observations in the file were accepted/approved for an FHA loan. This does not mean that every endorsed loan was necessarily utilized by the potential borrower. All records in the CHUMS dataset have case numbers which are borrower-, property-, and loan-specific. There are some instances of duplicate case numbers for situations where a loan was refinanced or altered in some way, but the original loan was not closed out in the CHUMS file.

Federal Departments and Agencies

- Health and Human Services
  - Center for Medicare and Medicaid Services
    - Medicare Enrollment Database

Years available: 1999-2015

Frequency of updates: annual

Description: The Medicare Enrollment Database (EDB) is the Centers for Medicare & Medicaid Services' database of record for Medicare Beneficiary enrollment information. It is the authoritative source for Medicare beneficiary information and entitlement. The EDB has information on all Medicare beneficiaries, including Social Security Retirement and Disability

insurance Beneficiaries, End Stage Renal Disease (ESRD) beneficiaries, and Railroad Retirement Board (RRB) beneficiaries. Each record on the file represents one beneficiary. The Census Bureau receives a subset of all variables in the EDB, including eligibility dates and statuses, residence change dates, and basic demographic information.

#### Federal Departments and Agencies

- Health and Human Services
  - Center for Medicare and Medicaid Services
    - Medicaid Statistical Information System

Years available: 2000-2011, 2012 (partial), 2013 (partial), 2014 (partial)

Frequency of updates: quarterly

Description: The Medicaid Statistical Information System (MSIS) is the Centers for Medicare & Medicaid Services' database of record for Medicaid eligible persons. The MSIS data (enrollment and claims data) are reported to CMS on a quarterly basis. The enrollment data identify Medicaid and CHIP enrollees in each month of that quarter and whose enrollment in a prior period should be revised (due to a correction or retroactive enrollment). The fee-for-service (FFS) claims data identify who received what service from which provider at what cost. The FFS claims data are submitted based on the quarter in which the claim was adjudicated, not when the service was performed. The managed care encounter records (also known as encounter claims) identify who received what service under which managed care organization and from which provider. The encounter records are submitted based on the quarter in which the encounter was processed, not when the service was performed. The MSIS data are challenging to use for research because the data represent a mixture of time periods. The Census Bureau receives a subset of all variables in the MSIS, including eligibility dates and statuses, and basic demographic information.

#### Federal Departments and Agencies

- Health and Human Services
  - Center for Medicare and Medicaid Services
    - Medicaid Analytic Extract

Years available: 2002-2005

Frequency of updates: irregular

Description: The Medicaid Analytic Extract (MAX) is the Centers for Medicare & Medicaid Services' database of Medicaid. The enrollment information in MAX identifies monthly enrollment after the retroactive/correction records have been applied and after certain state-specific data elements are transformed into a consistent, national format. The claims in MAX identify the services rendered and the cost of those services after the adjustments have been applied. The enrollment pertains to people enrolled in the given calendar year (CY), and claims pertain to the services rendered in that same time period, thereby making a consistent—and more meaningful—time period for analyses of enrollment, service utilization, and expenditures. The Personal Summary File contains one record for every individual enrolled for at least one day during the year. The file contains demographic data (e.g. date of birth, gender, race), basis

of eligibility, maintenance assistance status, monthly enrollment status, and a utilization summary. A small number of the records in the file are limited records for individuals who were assumed to be eligible, had a paid claim and then were ultimately determined to be ineligible. The Other Therapy File contains claim records for a variety of Medicaid services, including physician services, lab/X-ray, clinic services, home health, hospice and premium payments. Outpatient hospital institutional claims are also included in this file. As appropriate for the service utilization, the claims include diagnosis codes, procedure codes and date of service. The MAX OT file contains 2 diagnosis codes and 1 procedure code. The Inpatient File contains complete stay records for enrollees who used inpatient services including diagnoses, procedures, discharge status, length of stay, and payment amount. The MAX Inpatient File contains 10 diagnostic fields and 7 procedure fields. The Prescription Drug File contains final action, paid drug claims. Since 1996, the dispensed drug has been identified by an NDC. Drugs or supplies identified by HCPCS (CMS Health Care Common Procedure Codes) or any state-specific codes, are included in the MAX Other Therapy (OT) file. The Prescription Drug file does not contain any diagnosis nor procedure codes. With the implementation of the Medicare Part D Prescription Drug Program in 2006, drugs dispensed for the Medicare-Medicaid dually eligible which are part of the Part D formulary, will be found in the Medicare Part D Event file. This means that nearly all drugs for dually eligible population will be found only in the Medicare PDE file. The Long Term Care File contains claims for institutional long term care services provided by Nursing Facilities, Intermediate Care Facilities (ICFs), and independent psychiatric facilities. Fields include facility type, dates of service, and discharge status. The MAX LT file contains 5 diagnosis codes and no procedure codes.

#### Federal Departments and Agencies

- Health and Human Services
  - Indian Health Service
    - IHS Patient Registration File

Years available: 1999-2016

Frequency of updates: annual

Description: The IHS Patient Registration File contains information on American Indians or Alaska Natives (AIAN) who participate in the IHS System. Spouses and children of AIANs that are not in this race group are eligible to receive these services as well.

#### Federal Departments and Agencies

- Health and Human Services
  - Administration for Children and Families
    - Temporary Assistance to Needy Families

Years available: 2000, 2002-2014

Frequency of updates: irregular

Description: The Temporary Assistance for Needy Families (TANF) program is designed to help needy families achieve self-sufficiency. States receive block grants to design and operate

programs that accomplish one of the purposes of the TANF program. The four purposes of the TANF program are to: Provide assistance to needy families so that children can be cared for in their own homes; Reduce the dependency of needy parents by promoting job preparation, work and marriage; Prevent and reduce the incidence of out-of-wedlock pregnancies; and Encourage the formation and maintenance of two-parent families.

Temporary Assistance for Needy Families (TANF) files include national level data for adults and children who participate or receive benefits through states' TANF programs. These files include SSN, date of birth, sex, race, Hispanic origin, and basic geographic information (state, county, and zip code). No address data.

#### Federal Departments and Agencies

- Health and Human Services
  - Administration for Children and Families
    - Children's Bureau/Child Care Development Fund

Years available: 2004-2011

Frequency of updates: irregular

Description: Child Care Development Fund (CCDF) data include records from the ACF-801 dataset maintained by the Department of Health and Human Services. The ACF-801 data includes program participation about families that received assistance from CCDF and related child care programs.

#### Federal Departments and Agencies

- Health and Human Services
  - National Center for Health Statistics
    - National Death Index linked to Current Population Survey

Years available: 1973-2011

Frequency of updates: none planned

Description: The National Center for Health Statistics (NCHS) produces the National Death Index (NDI), a centralized database of death record information on file in state vital statistics offices. Information on date of death and cause of death are merged to the Current Population Survey (CPS).

#### Federal Departments and Agencies

- Office of Personnel Management
  - Central Personnel Data File

Years available: 1990-2015 (second quarter)

Frequency of updates: quarterly

Description: The Office of Personnel Management's Central Personnel Data File is an automated information system containing individual records for most Federal civilian

employees. The system's principal objective is to provide a readily accessible primary data source for meeting the workforce information needs of the Office of Personnel Management (OPM), other central management agencies, the Congress, the White House, and the public. From data submitted by the agencies, OPM creates a status file and a dynamics file. The status file contains an individual record of the status of each active employee as of the end of the reporting period, usually the end of the fiscal quarters of March, June, September, and December. The dynamics file contains a record of all personnel actions occurring during a particular reporting period, usually the January-March, April-June, July-September, and October-December fiscal quarters. The Census Bureau receives four files from the program on a basis: the Dynamics File, the Status File, the Personnel Office Identifier File (employee address and contact information), and the Standard Code Table File (data definitions for the other files). The files are currently used to update employee information in the Longitudinal Employer-Household Dynamics program. Access is very restricted.

#### Federal Departments and Agencies

- Selective Service System
  - Registration File

Years available: 1999-2016

Frequency of updates: annual

Description: The SSS Registration File contains address and date of birth information on males, ages 18 to 25, who register with Selective Services for the purpose of creating a database which would be used in the event of a draft.

#### Federal Departments and Agencies

- United States Postal Service
  - National Change of Address

Years available: 2010-2016 (current)

Frequency of updates: monthly

Description: The National Change of Address (NCOA) file is maintained by the U.S. Postal Service and includes name, address, and move information such as the move date, the original address, and the new address.

#### Federal Departments and Agencies

- Department of Commerce
  - United States Patent and Trademark Office

Years available: 1893-2014

Frequency of updates:

Description: United States Patent and Trademark Office (USPTO) patent applications and their status. Access is very restricted.

#### Federal Departments and Agencies

- Small Business Administration
  - General Small Business Loans7(a)

Years available: 1991-2009

Frequency of updates: None planned, single file delivery

Description: This is the Small Business Administration's (SBA) most common loan program, which includes financial help for businesses with special requirements. Includes information such as EIN, SSN, business name, street address, and loan amount.

#### Federal Departments and Agencies

- Small Business Administration
  - CDC/504 Loan Guarantee Program

Years available: 1991-2009

Frequency of updates: None planned, single file delivery

Description: Small Business Administration's (SBA) CDC/504 Loan Program provides growing businesses with long-term, fixed-rate financing for major fixed assets, such as land and buildings. Includes information such as EIN, SSN, business name, street address, and loan amount.

#### Federal Departments and Agencies

- Small Business Administration
  - Disaster Loan Data

Years available: 1991-2009

Frequency of updates: Single file delivery

Description: Small Business Administration's (SBA) Disaster Loan program provides businesses, of any size and located in a declared disaster area, with long-term, low-interest loans to repair or replace damaged property. Includes information such as EIN, SSN, business name, street address, and loan amount.

#### Federal Departments and Agencies

- Department of Veterans Affairs
  - Veterans data

Years available: 2013

Frequency of updates: irregular

Description: File from the Department of Veterans Affairs (VA) of veterans; includes year of birth and sex information.



## State Programs

- Unemployment Insurance
  - 50 states, DC, Puerto Rico

Years available: 1990-2014

Frequency of updates: quarterly

Description: States voluntarily submit quarterly data (UI Wage Records and QCEW reports) for the Local Employment Dynamics program. Each quarter, employers that have employees in covered employment are required to submit a wage detail report electronically to their state; reports must be received on or before the last day of the month following the end of the calendar quarter. Employers with an active employer account must submit a wage detail report even when no covered wages were paid. Employers must report the following data for each employee by reporting unit: Employee name, Social Security number, Gross wages, and Paid hours worked. Access varies by state and is, for a majority of states, very restricted.

## State Programs

- Supplemental Nutritional Assistance Program
  - CO, IL, HI, KY, MD, NJ, NY, OR, TX, VA

States/Years available: CO 2012-2013, IL 2004-2005, 7/2008-2015, HI 2013-2015, KY 2014-2015, MD 1999-2002 and 2009-2015, NJ 2009-2015, NY 2007-2012, OR 2009-2014, TX 2008-2009, VA 2009-2013.

Frequency of updates: irregular

Description: SNAP offers nutrition assistance to millions of eligible, low-income individuals and families and provides economic benefits to communities. SNAP is the largest program in the domestic hunger safety net. SNAP benefits can be used to purchase food at grocery stores, convenience stores, and some farmers' markets and co-op food programs. SNAP benefits are given to you each month on a plastic card called an EBT (electronic benefits transfer) card, which works like a debit card. Paper coupons are no longer used. SNAP is a nutrition program. It is not a welfare cash assistance program (which is called TAFDC). You do not have to be receiving TAFDC to get SNAP — these are separate programs. SNAP is a federal entitlement program. This means anyone who is eligible will receive benefits. You will not be taking away benefits from someone else if you apply.

## State Programs

- Special Supplemental Nutritional Assistance Program for Women, Infants, and Children
  - CO, NV

States/Years available: CO 10/2011-8/2015, NV 2006-2014

Frequency of updates: irregular

Description: The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) provides food, nutrition education, breastfeeding support, and referrals to health care

and social services to nutritionally at-risk, low-income pregnant women; new mothers; infants; and children through age 4.

#### State Programs

- Temporary Assistance to Needy Families
  - IL, KY, MD, NJ, NY, WI

States/Years available: IL 2009-2015, KY 2014-2015, MD 2009-11/2015, NJ 2009-2015, NY 2007-2012, WI 2008-2009, 2014

Frequency of updates: irregular

Description: The Temporary Assistance for Needy Families (TANF) program is designed to help needy families achieve self-sufficiency. States receive block grants to design and operate programs that accomplish one of the purposes of the TANF program. The four purposes of the TANF program are to: Provide assistance to needy families so that children can be cared for in their own homes; Reduce the dependency of needy parents by promoting job preparation, work and marriage; Prevent and reduce the incidence of out-of-wedlock pregnancies; and Encourage the formation and maintenance of two-parent families.

Temporary Assistance for Needy Families (TANF) files include person-month level data for adults and children in a state participating in TANF. These files include SSN, date of birth, sex, race, Hispanic origin, and basic geographic information (state, county, and zip code).

#### State Programs

- Child Care Subsidy
  - WI

States/Years available: WI 2008-2009

Frequency of updates: irregular

Description: Child Care Subsidy (CCS) data include information for families that received assistance from CCDF and related child care programs. State data provide person-month program participation details.

#### State Programs

- Low Income Home Energy Assistance Program
  - CO

States/Years available: CO 2009-2014

Frequency of updates: irregular

Description: Low-income Home Energy Assistance Program (LIHEAP) is a federally funded program that assists eligible low-income households with their heating and cooling energy costs, and, if the state chooses, to weatherize homes.

#### State Programs

- Alaska Permanent Fund Dividend

Years available: 2015

Frequency of updates:

Description: The Alaska Permanent Fund is a benefit provided to year-round, permanent residents of Alaska.

#### Other Governmental Programs

- Puerto Rico Tax data

Years available: Tax years 2008-2010

Frequency of updates:

Description: Data from the Puerto Rico tax system, which is separate from the Internal Revenue Service.

#### Other Governmental Programs

- Homelessness Management Information System
  - Houston, TX; Los Angeles, CA

Locality/Years available: Houston 2004-2016; Los Angeles 2004-2014

Frequency of updates: annual

Description: The Homelessness Management Information System (HMIS) program supports grantees in the implementation and operation of a Homeless Management Information System, a local information technology system used to collect client-level data and data on the provision of housing and services to homeless individuals and families and persons at risk of homelessness. Each grantee is responsible for selecting an HMIS software solution that complies with the Department of Housing and Urban Development's (HUD) data collection, management, and reporting standards.

#### Third Party

- Corelogic

Years available: 2006-2010, 2014

Frequency of updates: irregular

Description: Corelogic contains property records, tax assessments, property characteristics and parcel maps from tax assessors and county recorders offices across the nation. For 2013, a sample of Corelogic's tax and deeds files were obtained with data from their Multiple Listing Services, foreclosures, and automated valuation model files.

Third Party

- Experian

Years available: 2010-2011

Frequency of updates: irregular

Description: The Experian In-Source (INS) file contains current address, name, race, Hispanic origin, age, and sex data from credit bureau header information. The Experian End-Dated Records (EDR) file is a historical file that contains the same variables as Experian INS.

Third Party

- Infogroup

Years available: 2010-2011

Frequency of updates: irregular

Description: The InfoUSA file contains current and historical address, name, race, Hispanic origin, age, and sex data from sources such as property taxes, voter registration rolls, and telephone book white pages.

Third Party

- Melissa

Years available: 2010-2011

Frequency of updates: irregular

Description: The Melissa Data Base Source (Melissa) file contains address, name, and age information from credit header records, utility bills, cellular phone records, and the U.S. Postal Service.

Third Party

- Targus/Neustar

Years available: 2010-2015(March) (2010-2011 for Address File)

Frequency of updates: irregular

Description: The Targus Federal Consumer file contains address, telephone, name, race, Hispanic origin, age, and sex data. The Targus Pure Wireless file contains name, age, sex, and some address and telephone data. The Targus National Address File (NAF) contains addresses.

Third Party

- VSGI

Years available: 2010-2016 (March)

Frequency of updates: irregular

Description: The VSGI Name and Address Resource Consumer (NAR) file contains current address, name, date of birth, race, Hispanic origin, sex and telephone number information from magazine/periodical change of address information, utility records, and other sources. The VSGI TrackerPlus (TRK) file is a historical file that contains the same variables as VSGI NAR.

Third Party

- DAR Partners

Years available: 2015

Frequency of updates:

Description: DAR Partners data include information on household members' age and sex, address, telephone numbers, and email addresses.

Third Party

- RealtyTrac

Years available: 2005-2011

Frequency of updates:

Description: RealtyTrac provides foreclosure information, including lot size and address.

Third Party

- REIS Commercial Real Estate Information

Years available: 2014

Frequency of updates:

Description: Commercial Real Estate Information (REIS) provides information on commercial-to-residential zoning changes.

Third Party

- MDR – Education

Years available: 2011-2016

Frequency of updates:

Description: Market Data Retrieval (MDR), a division of Dun & Bradstreet, provides information on characteristics of educational organizations, including number of students, curriculum, financial data, and personnel information.

Third Party

- National Exchange Carrier Association – Company Code Assignment

Years available: 2013-2015

Frequency of updates:

Description: The National Exchange Carrier Association (NECA) Company Code Assignment (CCA) data include characteristics of exchange carriers and telecommunications companies.

Third Party

- United Way 211

Locality/Years available: Greater Cleveland, OH 2011-2015

Frequency of updates:

Description: United Way's 211 program is a referral and information helpline and website that connects people to health and human services.

Third Party

- Institute for Research on Innovation and Science/Innovation Measurement Initiative – University Employee Data

Years available: 2006-2016

Frequency of updates: semi-annually

Description: The Institute for Research on Innovation and Science (IRIS)/Innovation Measurement Initiative (IMI) provides data on university employees, grants, funding, and expenditures.

Third Party

- Public Schools Data
  - San Francisco, CA; Garden Grove, CA

Locality/Years available: San Francisco, CA 2003-2014, 2016; Garden Grove, CA 2008-2015

Frequency of updates:

Description: Public schools data vary by school district, but typically include information on the schools and school district, teachers, and students.