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REPORT

FINAL REPORT

National Beneficiary Survey-General Waves Round 5 (Volume 3 of 3): User's Guide for Restricted and Public Use Files

August 17, 2017

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ACRONYMS

ADL	Activities of Daily Living
AIC	Akaike's Information Criterion
CAPI	Computer-assisted personal interviewing
CATI	Computer-assisted telephone interviewing
CDR	Continuing Disability Review
CHAID	Chi-Squared Automatic Interaction Detector
CR	Cost Reimbursement Provider Payment Program
IADL	Instrumental Activities of Daily Living
ICD-9	International Classification of Diseases–9th revision
ICPSR	Inter-University Consortium for Political and Social Research
IWP	Individual Work Plan
MIE	Medical Improvement Expected
MSA	Metropolitan Statistical Area
NAICS	North American Industry Classification System
NBS	National Beneficiary Survey
PMSA	Primary Metropolitan Statistical Area
PSU	Primary Sampling Units
RBS	Representative Beneficiary Sample
SAS	Statistical software, formerly Statistical Analysis System (SAS is a registered trademark of SAS Institute, Inc., Cary, NC)
SGA	Substantial Gainful Activity
SOC	Standard Occupational Classification
SPSS	Statistical Package for the Social Sciences (SPSS is a registered trademark of SPSS, Inc., Chicago, IL)

SSA	Social Security Administration
SSDI	Social Security Disability Insurance (Title II of the Social Security Act)
SSI	Supplemental Security Income (Title XVI of the Social Security Act)
SSU	Secondary Sampling Units
STATA	Statistical software (STATA is a registered trademark of StataCorp LP, College Station, TX.)
SVRA	State Vocational Rehabilitation Agency (also called SVRA or VR)
SWS	Successful Worker Sample
TRS	Telecommunications Relay Service
TTW	Ticket to Work

NBS DATA DOCUMENTATION REPORTS

The following publically available reports are available from SSA on their website (https://www.ssa.gov/disabilityresearch/nbs_round_5.htm#general):

- **User's Guide for Restricted- and Public-Use Data Files** (current report). This report provides users with information about the restricted-use and public-use data files, including construction of the files; weight specification and variance estimation; masking procedures employed in the creation of the Public-Use File; and a detailed overview of the questionnaire design, sampling, and NBS–General Waves data collection. The report provides information covered in the Editing, Coding, Imputation and Weighting Report and the Cleaning and Identificaiton of Data Problems Report (described below) —including, procedures for data editing, coding of open-ended responses, and variable construction—as well as a description of the imputation and weighting procedures and development of standard errors for the survey. In addition, this report contains an appendix addressing total survey error and the NBS.
- **NBS Public-Use File codebook** (Bush et al. 2017). This codebook provides extensive documentation for each variable in the file, including variable name, label, position, variable type and format, question universe, question text, number of cases eligible to receive each item, constructed variable specifications, and user notes for variables on the public-use file. The codebook also includes frequency distributions and means as appropriate.
- **NBS–General Waves Questionnaire** (Barrett et al. 2016). This document contains all items on Round 5 of the NBS–General Waves and includes documentation of skip patterns, question universe specifications, text fills, interviewer directives, and checks for consistency and range.
- **Editing, Coding, Imputation, and Weighting Report** (Grau et al. 2017). In this report, we summarize the editing, coding, imputation, and weighting procedures as well as the development of standard errors for Round 5 of the NBS–General Waves. It includes an overview of the variable naming, coding, and construction conventions used in the data files and accompanying codebooks; describes how the sampling weights were computed to the final post-stratified analysis weights for the representative beneficiary sample; outlines the procedures used to impute missing responses; and discusses procedures that should be used to estimate sampling variances for the NBS.
- **Cleaning and Identification of Data Problems Report** (Skidmore et al. 2017). This report describes the data processing procedures performed for Round 5 of the NBS–General Waves. It outlines the data coding and cleaning procedures and describes data problems, their origins, and the corrections implemented to create the final data file. The report describes data issues by sections of the interview and concludes with a summary of types of problems encountered and general recommendations.
- **NBS Nonresponse Bias Analysis** (Grau et al. 2017). The purpose of this report was to determine whether the nonresponse adjustments applied to the sampling weights of Round 5 of the NBS-General Waves appropriately accounted for differences between respondents and nonrespondents or whether the potential for nonresponse bias still existed.

The following restricted use report is available from SSA through a formal data sharing agreement:

- **NBS Restricted-Access Codebook** (Bush et al. 2017). In this codebook, we provide extensive documentation for each variable in the file, including variable name, label, position, variable type and format, question universe, question text, number of cases eligible to receive each item, constructed variable specifications, and user notes for variables on the restricted-access file. The codebook also includes frequency distributions and means as appropriate.

I. INTRODUCTION

As part of the National Beneficiary Survey–General Waves (NBS–General Waves) project, Mathematica Policy Research conducted the first of three rounds of data collection in 2015, with two additional rounds to be administered in 2017 and 2019. Sponsored by the Social Security Administration's (SSA) Office of Retirement and Disability Policy, the survey collected data from a national sample of SSA disability beneficiaries. Mathematica collected data by using computer-assisted telephone interviewing (CATI). We used computer-assisted personal interviewing (CAPI) for follow-ups of CATI nonrespondents and for those who preferred or needed an in-person interview to accommodate their disabilities.

The prior rounds of the NBS—conducted by SSA in 2004, 2005, 2006, and 2010[1]—took an important first step toward understanding the work interest and experiences of Supplemental Security Income (SSI) recipients and Social Security Disability Insurance (SSDI) beneficiaries. These surveys helped glean information about beneficiary impairments; health; living arrangements; family structure; occupation before disability; and use of non-SSA programs (for example, the Supplemental Nutrition Assistance Program, or SNAP). The prior NBS rounds also evaluated the Ticket to Work and Self-Sufficiency (TTW) program. The NBS–General Waves no longer includes a focus on TTW. Instead, through the survey, we seek to uncover important information about the factors that promote beneficiary self-sufficiency and, conversely, the factors that impede beneficiary efforts to maintain employment.

In the discussion that follows, we provide detailed information about the NBS-General Waves to assist users of the NBS Round 5 Public- and Restricted-Use Data files. In the remaining sections of Chapter I, we provide an overview of the NBS-General Waves, including the objectives of the study. In Chapter II, we describe the NBS sample design while in Chapter III, we provide a summary of the questionnaire design. In Chapter IV, we document the NBS data collection effort, including the locating and calling protocols. We devote Chapter V to discussions of variable construction and editing, the coding of verbatim and open-ended responses, and the masking procedures used to create the Public-Use Data File. In Chapter VI, we explain the process for computing and adjusting the sampling weights and provide details of the calculation of the weights, while in Chapter VII we describe the procedures used to impute missing responses for selected questions. Finally, in Chapter VIII, we discuss the use of the NBS data files, including weight specification and variance estimation.

A. Overview of the National Beneficiary Survey

1. Survey objectives

The NBS–General Waves collects important beneficiary data that are not available from SSA administrative data or other sources, including information about their disabilities, interest in work, use of services, and employment. The survey addresses five major questions:

[1] In this report, we refer to the NBS rounds conducted in 2004, 2005, 2006, 2010, and 2015 as Round 1, Round 2, Round 3, Round 4, and Round 5, respectively. We refer to the planned 2017 and 2019 rounds as Round 6 and Round 7, respectively.

1. What are the work-related goals and activities of SSI and SSDI beneficiaries, particularly as they relate to long-term employment?
2. What are the short-term and long-term employment outcomes for SSI and SSDI beneficiaries who work?
3. What supports help SSA beneficiaries with disabilities find and keep jobs and what barriers to work do they encounter?
4. What are the characteristics and experiences of beneficiaries who work?
5. What health-related factors, job-related factors, and personal circumstances hinder or promote employment and self-sufficiency?

SSA will combine data from the NBS–General Waves with SSA administrative data to provide critical information on access to jobs and employment outcomes for beneficiaries. As a result, SSA and external researchers who are interested in disability and employment issues may use the survey data for policymaking and program planning efforts.

2. Round 5 survey overview

The NBS was designed and implemented to maximize both response and data quality. In Table I.1, we describe the most significant sources of potential error identified at the outset of the NBS and describe the ways we attempted to minimize the impact of each. We have included a more detailed discussion of our approach to minimizing total survey error in Appendix A.

Table I.1. Sources of error, description, and methods to minimize impact

Source of error	Description	Method to minimize impact
Sampling	Error that results when characteristics of the selected sample deviates from the characteristics of the population.	Select a large sample size; select primary sampling units with probability proportional to size, basing the measure of size for each PSU on the counts of beneficiaries in the study population; use stratified sampling by age categories to create units within each stratum as similar as possible.
Specification	An error that results when the concept intended to be measured by the question is not the same as the concept the respondent ascribes to the question.	Cognitive interviewing during survey development[a] and pretesting; use of proxy if sample member unable to respond due to cognitive disability
Unit Nonresponse	An error that occurs when a selected sample member is unwilling or unable to participate (failure to interview). This can result in increased variance and potential for bias in estimates if nonresponders have different characteristics than responders.	Interviewer training; intensive locating, including field locating; in-person data collection; refusal conversion; incentives; nonresponse adjustment to weights
Item Nonresponse	An error that results when items are left blank or the respondent reports that he or she does not know the answer or refuses to provide an answer (failure to obtain and record data for all items). This can result in increased variance and potential bias in estimates if nonresponders have different characteristics than responders.	Use of probes; allowing for variations in reporting units; assurance of confidentiality; assistance during interview; use of proxy if sample member unable to respond due to cognitive disability; imputation on key variables
Measurement	An error that occurs as a result of the respondent or interviewer providing incorrect information (either intentionally or unintentionally). This may result from inherent differences in interview mode.	Same instrument used in both interview modes; use of probes; adaptive equipment; interviewer training, validation of field interviews; assistance during interview; use of proxy if sample member unable to respond due to cognitive disability
Data Processing	An error in data entry, coding, weighting, or analyses.	Coder training; monitoring and quality control checks of coders; quality assurance review of all weighting and imputation procedures

[a]Conducted during survey development phase under a separate contract held by Westat.

We did not expect item nonresponse to be a large source of error because the survey contained few obviously sensitive items. In fact, item nonresponse was greater than 5 percent only for select items asking for wages and household income. Unit nonresponse was the greater concern given the population; thus, we designed the survey to be executed as a dual-mode survey. Mathematica made all initial attempts to interview beneficiaries using CATI. If a sample member could not participate in the survey because of an intellectual disability, even with help from a friend or family member, Mathematica sought a proxy respondent. To promote response among Hispanic populations, we translated the questionnaire into Spanish. For languages other than English or Spanish, interpreters, if available in the sample person's home, conducted the interviews. We made a number of additional accommodations for those with hearing or speech impairments, including using a telecommunications relay service (TRS) and amplifiers.

If Mathematica could not locate and contact a sample member by telephone, we deployed a field locator to make contact in person. Once located, the field locator attempted to facilitate an interview with the sample member via CATI, using a staff cell phone to call into the data collection center (or the sample member's own phone, if preferred). If a sample member could not complete the interview by telephone in this manner due to his or her disability, trained field staff conducted the interview in person using CAPI. To reduce measurement error, the survey instrument was identical in each mode.

We began Round 5 CATI data collection for the NBS in February 2015. In June 2015, Mathematica began in-person locating and CAPI, which continued concurrent with CATI interviewing through October 2015. The NBS–General Waves Round 5 sample comprised 7,682 cases. In total, Mathematica completed 4,062 interviews (including 40 partially completed interviews). We deemed an additional 297 beneficiaries as ineligible for the survey. [2] Mathematica completed 3,649 interviews by CATI and 413 by CAPI. [3] We completed proxy interviews for 771 sample members (19 percent of all completed interviews). Additionally, we completed 104 interviews (2.6 percent of the total completed interviews) in Spanish. The weighted response rate for the representative beneficiary sample was 62.6 percent. More information about sample selection and sampling weights is available in Grau et al. (2017).

B. NBS Restricted-Use and Public-Use Data Files

To protect the anonymity of NBS respondents while still providing accurate and detailed data, we present the NBS-General Waves data in two formats: a Restricted-Use Data File, which is available only to users approved by SSA and for use on specific research projects, and a Public-Use Data File, which SSA plans to release for the public's use in various statistical analyses. These two files present the same survey results, but offer differing degrees of accessibility to confidential information. For both data files, we have removed any information that could directly or indirectly identify a respondent, including respondents' names, Social Security numbers, and addresses. Because of its more widespread availability, the Public-Use Data File has undergone extensive masking and includes fewer available variables than the Restricted-Use Data File. Even with variables masked, however, the Public-Use Data File offers a wide variety of pertinent variables and topics for the general public's use. A full discussion of the masking procedures employed to create the Public-Use Data File appears in Chapter V. In Appendix B, we provide a list of the variables available in both the Restricted-Use Data File and the Public-Use Data File.

[2] We marked as ineligible any beneficiaries who died between the sample selection and the start of data collection, based on information obtained from informants, SSA, or LexisNexis\Accurint prior to the start of data collection. During the data collection period, we marked as ineligible beneficiaries found to be incarcerated or no longer living in the continental United States or who reported that they had not received benefits in the past five years at the time of the interview. Approximately 4 percent of sample members were ineligible for the survey in Round 5, compared to 6 percent in the prior round of the NBS.

[3] Of the 3,649 cases completed by CATI, 932 were facilitated by a field locator at the sample person's home.

The Public-Use Data File is available to researchers through SSA's website https://www.ssa.gov/disabilityresearch/publicusefiles.html#tag2. Researchers must contact SSA to obtain permission to use the Restricted-Use Data File.

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II. SAMPLE DESIGN

A. Overview of the design

The initial NBS—General Waves survey design—called for three national cross-sectional surveys of SSI and SSDI beneficiaries (hereafter referred to as the Representative Beneficiary Sample or RBS)—one each in 2014 (Round 5), 2016 (Round 6), and 2018 (Round 7). The NBS also called for cross-sectional surveys, in the same years, of beneficiaries whose benefits were suspended or terminated due to work (with a subset followed longitudinally across rounds). However, due to difficulties in identifying beneficiaries experiencing benefit suspense in SSA's administrative data, we subsequently revised the design to focus on beneficiaries with successful work attempts, hereafter referred to as the successful worker sample (SWS). We define successful workers as beneficiaries who had documented earnings above substantial gainful activity for three consecutive months.

We delayed the start of Round 5 NBS--General Waves by one year to allow time to redesign the successful worker portion of the survey and sample. We excluded the SWS from the Round 5 survey; in its place we conducted semi-structured interviews with 91 successful workers. In Round 5 of the NBS—General Waves, we conducted the first cross-sectional survey for the RBS. The design of the RBS was nearly identical to that used in prior rounds, except for the stratification of the primary sampling units (PSUs). [4] We will include the SWS in Rounds 6 and 7 of the NBS, concurrently with the RBS. In the sixth and seventh rounds, we will draw the SWS and RBS independently, from separate frames, although the SWS frame will be a subset of the RBS frame. In Table II.1, we show sample size assumptions for all rounds, apportioned into the strata we describe later in this chapter.

For the RBS Round 5 survey, as in prior rounds, we stratified the beneficiaries for the RBS by four age-based strata within the PSUs: (1) 18- to 29-year-olds, (2) 30- to 39-year-olds, (3) 40- to 49-year-olds, and (4) 50-year-olds and older. We oversampled the beneficiaries in the first cohorts (18- to 49-year-olds) to ensure there were a sufficient number of persons seeking work. The target number of completed interviews for Round 5 was 1,111 beneficiaries in each of the three younger age groups. For those 50 years and older, the target number of completed interviews was 667 beneficiaries. We summarize the actual sample sizes and number of completed interviews in Table II.2 for the Round 5 of the NBS.[5]

[4] We included two samples in the Round 4 sample design, one for all beneficiaries (the RBS) and one for the participants of SSA's Ticket to Work (TTW) program (the Ticket Participant sample). To accommodate the rollout of the TTW program, we sampled the primary sampling units (PSUs) within strata defined by the three phases of the rollout. We did not draw the NBS—General Waves within strata, except those defined by the two certainty PSUs.

[5] Because we did not conduct an SWS in Round 5, the NBS and RBS are equivalent. For subsequent rounds, both the RBS and the SWS will comprise the NBS.

Table II.1. NBS-General Waves proposed sample sizes and target completes – all rounds

Sampling strata	Sample size	Target completed interviews
Round 5		
Representative beneficiary sample	5,000	4,000
18 to 29 years old	1,389	1,111
30 to 39	1,389	1,111
40 to 49	1,389	1,111
50 to FRA	833	667
Total sample size	5,000	4,000
Round 6		
Representative beneficiary sample	5,000	4,000
18 to 29 years old	1,389	1,111
30 to 39	1,389	1,111
40 to 49	1,389	1,111
50 to FRA	833	667
Successful worker sample	5,625	4,500
SSI and concurrent	2,813	2,250
SSDI	2,812	2,250
Total sample size	11,075	8,500
Round 7		
Representative beneficiary sample	5,000	4,000
18 to 29 years old	1,389	1,111
30 to 39	1,389	1,111
40 to 49	1,389	1,111
50 to FRA	833	667
Cross-sectional successful worker sample*	3,750	3,000
SSI and concurrent	1,875	1,500
SSDI	1,875	1,500
Longitudinal successful worker sample*	2,812	2,250
Total sample size	11,562	9,250

* These are estimates that could change prior to next survey administration.

Table II.2. NBS–General Waves Round 5 actual sample sizes, target completes, and completes

Sampling strata	Sample size	Target completed interviews	Actual Completed Interviews
Representative beneficiary sample	7,682	4,000	4,062
18- to 29-year-olds	2,268	1,111	1,149
30- to 39-year-olds	2,126	1,111	1,097
40- to 49-year-olds	2,076	1,111	1,104
50-year-olds or older	1,212	667	712

Source: NBS–General Waves Round 5

B. Target population

SSI and SSDI beneficiaries between the ages of 18 and full retirement age (FRA) comprised the RBS target population. It included beneficiaries, from all 50 states and the District of Columbia, who were in active pay status as of June 2014.[6] The beneficiary target population included approximately 13.8 million persons; approximately 2.2 million beneficiaries were in the sampled PSUs and secondary sampling units (SSUs).[7]

C. Primary sampling unit formation and selection

We needed PSUs for both surveys that we conducted in the prior NBS rounds (a sample of all beneficiaries, and a sample of participants in the Ticket to Work program), and for both the RBS and SWS in the NBS—General Waves. We constructed them in 2003 prior to the first round using county-level beneficiary counts from data that were available at the time. Based on the design report for the Ticket to Work evaluation (Bethel and Stapleton 2002), the design for the RBS called for 60 to 100 PSUs to be formed from counties or groups of counties. In the design report, we recommended that in the geographically largest PSUs, SSUs be formed according to ZIP codes and a sample of these SSUs be selected.

Construction of the PSUs began with county-level counts of beneficiaries in four age strata (18 to 29 years, 30 to 39 years, 40 to 49 years, and 50 years and older) and a composite size measure (Folsom et al. 1987). The composite size measure incorporates the count of beneficiaries and the desired sampling rate of beneficiaries in each age stratum and permits equal probability of selection of beneficiaries within each age stratum across PSUs and an approximate workload in each PSU. To form the PSUs, we used a score based on latitude and longitude to order counties equal within each state by geography. An eligible PSU needed a composite size measure above a specific level to ensure that adequate counts of beneficiaries existed in each of the four age-based sampling strata. We evaluated the PSUs based on geographic size (square miles), topography (lakes, rivers, and mountain ranges), and transportation access among counties in a PSU (roadways in mountainous areas and bridges around the Great Lakes).

In total, we formed 1,330 PSUs with 48 percent (639 PSUs) having a single county and 84 percent (1,113 PSUs) having three or fewer counties. Of the 1,330 PSUs, just 30 (2.3 percent) included 10 or more counties; mostly rural areas in the western U.S. Because the geographical distribution of beneficiaries changed little between 2003 and 2011, we used these same 1,330 PSUs for the NBS—General Waves.

We conducted a new sample selection of PSUs from the set of 1,330, using a composite measure of size calculated from the most recent counts of beneficiaries in the four age strata. We classified two PSUs as certainty selections (Los Angeles County and Cook County[8]). These counties were certainty selections based on the selection frequencies for the PSUs computed

[6] We excluded beneficiaries in the Trust Territories and Puerto Rico from the survey target population.

[7] The target population excludes beneficiaries living in Puerto Rico or other outlying territories; we limited the target population to the 50 states and the District of Columbia. The count of beneficiaries living in the sampled PSUs and SSUs excludes those in the certainty PSUs that were not in selected SSUs.

[8] Los Angeles County includes the city of Los Angeles; Cook County includes the city of Chicago.

using the composite size measure. We allocated the Los Angeles County PSU twice the sample size allocated to the other PSUs because we assigned it two selections due to its population size relative to the other PSUs. To complete the sample of 80 PSUs, we selected 77 PSUs with probability proportional to the composite size measure. We controlled the selection of PSUs using the following implicit stratification variables: U. S. Census division, the component states that comprised each Census division, and a beneficiary weighted score (from 0 to 9) based on the 2003 Urban Influence Code (Area Resource File 2003).

In view of the size of Los Angeles and Cook County (in terms of beneficiary population and geographic area), we formed SSUs by using counts of beneficiaries in each stratum for five-digit ZIP codes and the composite size measure. SSUs consisted of one or more ZIP code areas such that the aggregate composite size measure exceeded the criterion value. We formed 62 SSUs in the Los Angeles PSU, and we selected 4 with probability proportional to the composite size measure. In the Chicago PSU, we formed 44 SSUs and selected 2 with probability proportional to the composite size measure. In total, we selected SSA beneficiaries from 83 distinct locations (77 PSUs and 6 SSUs) across the 50 states and the District of Columbia. We selected PSUs and SSUs once for Round 5 sampling activities. We will also use the same PSUs and SSUs for all subsequent rounds.

D. Strata definitions and sample sizes

We designed the sample to be statistically and operationally efficient and to provide adequate sample sizes for the planned analyses. To ensure a sufficient number of persons seeking work, we classified the population of SSI and SSDI beneficiaries into sampling strata based on age, with persons in the younger age categories selected at higher rates than those in the oldest age category. We made the age groups—18 to 29 years, 30 to 39 years, 40 to 49 years, and 50 years and older—the sampling strata. We planned the target number of completed interviews for Round 5 to be 1,111 beneficiaries in each of the three younger age groups (18 to 29 years, 30 to 39 years, and 40 to 49 years), and 667 in the oldest age group (50 years and older).

For fielding purposes in the RBS, we selected a larger sample than needed (called the augmented sample) to ensure that an adequate sample pool would be available if we found that the response and eligibility rates during data collection differed from our initial assumptions. Within each stratum, we selected an equal probability sample of beneficiaries by using a sequential selection algorithm with the sampling frame sorted by disability diagnosis, beneficiary title, race and ethnicity, gender, and ZIP code to form the augmented sample. These sorting factors ensured an approximate proportional allocation of the sample across levels of these factors and therefore enhanced the face validity of the sample across these factors.

For the augmented sample, we selected approximately 4,444 beneficiaries in each of the three younger age groups (18 to 29 years, 30 to 39 years, and 40 to 49 years) and 2,667 beneficiaries in the oldest cohort, enough to allow for approximately 1,111 completed interviews in the younger groups and 667 in the oldest cohort. We completely excluded from the sample

frame any beneficiaries who were deceased as of June 30, 2014.[9] The size of the augmented sample in the RBS, 15,999, was sufficient to ensure approximately 4,000 target completes.

We randomly partitioned the larger augmented sample into subsamples (called waves) to allow for the controlled release of the sample throughout the data collection effort. We created 14 waves for each stratum and PSU. During the data collection period, we monitored the sample results and determined whether, and in which strata and PSUs, we needed additional waves of sampled cases. Round 5 required four releases, of which the first was the largest. After the first release, the number we needed in subsequent releases in each PSU depended on the number of completed interviews we observed from the cases worked in the earlier releases. For all strata and PSUs, the number of cases we released was far smaller than the number available in the augmented sample.

[9] We assigned the status "ineligible" to any beneficiaries who were found to be deceased, incarcerated, no longer living in the continental United States, or reported had not received benefits in the past five years at the time of the interview, during the data collection period. The proportion of cases found to be ineligible at data collection was small enough that the impact on yield rates was small, and is somewhat smaller than the ineligibility rates from the fourth round of the NBS.

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III. QUESTIONNAIRE DESIGN

The NBS collects data on a wide range of topics—including, employment, disability, experience with SSA programs, employment services used in the past year, health and functional status, health insurance, income and other assistance, and sociodemographic information. Under a separate contract, Westat developed and initially pretested the survey items. Mathematica subsequently made revisions to the survey items to prepare the instrument for CATI/CAPI programming and made minor wording changes in response to pretesting results. Minor revisions were made in Round 5 of the NBS–General Waves to accommodate changes in reference periods and changes in federal programs. In addition, questions specific to TTW were deleted (Sections F and H). The survey instrument is available from SSA (https://www.ssa.gov/disabilityresearch/nbs.html).

To promote responses among Hispanic populations, Mathematica translated the questionnaire into Spanish. Certified bilingual interviewers administered the Spanish interviews. If a Spanish speaker was more familiar with a word or term in English than in Spanish, we provided the term in both languages—allowing interviewers to reinforce the question by using the second language as a probe, if necessary.[10] We treated measurements in a similar way. Questions that mentioned a particular weight also mentioned the kilogram equivalent.[11] We did not conduct interviewers in languages other than English and Spanish unless someone in the home, such as an adult child or other family member, could interpret the questions for the sample member.

A. Summary of modules

We divided the questionnaire into the following 11 sections, labeled A through M:[12]

- Section A—Introduction and Screener
- Section B—Disability and Current Work Status
- Section C—Current Employment
- Section D—Jobs/Other Jobs During 2014
- Section E—Awareness of SSA Work Incentive Programs
- Section G—Employment-Related Services and Supports Used in 2014
- Section I—Health and Functional Status
- Section J—Health Insurance

[10] For example, on Item L-5: Did {you/NAME} receive any food stamps last month? Spanish: Recibió {usted/NAME} food stamps o cupones de alimentos el mes pasado?

[11] For example, on Item Jb-10: {Do you/Does NAME} have any difficulty lifting and carrying something as heavy as 10 pounds, such as a full bag of groceries? Spanish: Tiene {usted/NAME} cualquier dificultad en levantar y cargar algo que pesa hasta unas 10 libras {4½ kilos}, tal como una bolsa llena con compras del mercado?

[12] We deleted Sections F and H from Round 5 of the NBS–General Waves survey, as they were focused on the TTW program.

- Section K—Income and Other Assistance
- Section L—Sociodemographic Information
- Section M—Closing Information and Observations

Descriptions of each section follow.

1. Section A—Screener

In this section, the interviewer confirms that the correct sample person has been contacted and verifies that the sample person is still eligible for the survey. In addition, the screener allows interviewers to do the following:

- **Identify any barriers to participation** and, if needed, identify a proxy respondent. We offer the sample member every opportunity to complete the interview himself or herself; a proxy responds only if necessary.
- **Identify the need for an interpreter** for a respondent who speaks a language other than English or Spanish.
- **Administer a cognitive assessment** to ensure that the respondent is capable of completing a complex survey.

We present three statements in the screener: (1) a brief description of what it means that the survey is confidential, (2) what it means that the survey is voluntary, and (3) an overview of the study topics. Then we ask respondents to reiterate the concepts in their own words. If a respondent cannot restate a concept, the question is read a second time. If the respondent still cannot restate a concept, we ask if someone else (such as a friend, parent, caseworker, or payee) can answer questions about the respondent's health, daily activities, and jobs. We then pursue an interview with the proxy respondent, if available. To minimize bias in reporting, we do not ask the proxy respondent to provide subjective assessments on behalf of the sample person with respect to, for example, satisfaction with jobs or programs. The constructed variable C_Rtype indicates whether the sample person or a proxy completed most of the interview.

2. Section B—Disability and current work status

In this section, we collect information on the beneficiary's limiting physical or mental conditions and current employment status. If a beneficiary is not currently employed, we explore the reasons for not working. We also ask questions to determine the job characteristics that are important to beneficiaries and collect information about work-related goals and expectations.

3. Section C—Current employment

In this section, we collect detailed information about the beneficiary's current job. Respondents address the type of work performed, type of employer, hours worked, benefits offered, and wages earned. We also ask about work-related accommodations—those received as well as those needed but not received. We solicit information about job satisfaction in other questions.

4. Section D—Jobs/other jobs during 2014

In this section, we collect information about employment during the 2014 calendar year, including type of employer; hours worked; wages earned; and the reasons for leaving employment, if applicable. In other questions, we ask whether beneficiaries worked or earned less than they could have (and, if so, why) and collect information about their experiences with adjustments to social security benefits due to work.

5. Section E—Awareness of SSA work incentive programs

In this section, we ask questions to assess whether the beneficiary is aware of or is participating in SSA work incentive programs and services.

6. Section G—Employment-related services and supports used in 2014

In this section, we ask beneficiaries about their use of employment-related services in calendar year 2014, including types of services received, types of providers used, length of service receipt, payment for the services, and reasons for and satisfaction with services. We also ask about sources of information about services and the nature of any services needed but not received.

7. Section I—Health and Functional Status

In this section, we ask about the beneficiary's health status and daily functioning, including the need for special equipment or assistive devices. We ask for information about general health status (via the SF-8™[13] scale), difficulties with activities of daily living (ADLs) and instrumental activities of daily living (IADLs), functional limitations, substance abuse or dependence, and treatment for mental health conditions.

8. Section J—Health insurance

In this section, we collect information about the beneficiary's sources of health insurance, both at the time of interview and during calendar year 2014.

9. Section K—Income and other assistance

In this section, we ask about sources of income, including income received from earnings, social security, workers' compensation, and other government programs and sources.

10. Section L—Sociodemographic information

In this section, we collects basic demographic information about the beneficiary, such as race, ethnicity, education, parental education, marital status, living arrangements, and household income.

[13] SF-8™ is a trademark of QualityMetric, Inc.

11. Section M—Closing information and observations

In this section, we collect address information for the sample person so we can mail the $20 incentive check. The interviewer also records the reasons that a proxy or other assistance was required, if appropriate, and documents special circumstances.

B. Instrument pathing and preloaded data

CATI and CAPI respondents received the same questionnaire. Round 5 of the NBS–General Waves required 45 minutes to administer on average. The interview length ranged from 14 minutes to 180 minutes, excluding TRS interviews.

Interviewers asked all respondents questions from Sections A, B, E, G, I, J, K, L, and M. Only respondents who reported that they were currently working answered the questions in Section C. Similarly, only respondents who reported working in 2014 answered the questions in Section D. We considered partial interviews completed if responses were provided through Section G of the interview. Table III.1 provides a summary description of the main questionnaire pathing.

Table III.1. NBS–General Waves instrument sections

Section	Title of section	Respondents receiving the section
A	Screener	All respondents
B	Disability and Current Work Status	All respondents
C	Current Employment	Respondents who answer (B24 = YES) Question B24: Are you currently working at a job or business for pay or profit?
D	Jobs/Other Jobs During 2014	Respondents who answer (B30 = YES) Question B30: Did you work at a job or business for pay or profit any time in 2014?
E	Awareness of SSA Work Incentive Programs	All respondents
G	Employment-Related Services and Supports Used in 2014	All respondents
I	Health and Functional Status	All respondents
J	Health Insurance	All respondents
K	Income and Other Assistance	All respondents
L	Sociodemographic Information	All respondents
M	Closing Information and Observations	All respondents

Source: NBS–General Waves Round 5

The NBS–General Waves instrument, which Mathematica programmed in Blaise, is complex and involves several integrated skips within and across sections. The use of preloaded SSA administrative data and allowances for proxy participation introduces further complexities into the questionnaire pathing. Preloaded data on respondents' disability benefits status (SSI, SSDI, or both) and age at which respondents first received SSI benefits determine pathing for certain survey items. Other administrative variables serve as fills for particular items to provide respondents with names of local programs or to prompt recognition of program participation. Table III.2 provides a complete list and description of the preloaded variables.

Table III.2. Survey preloads

Variable	Definition	Purpose
Bstatus	SSA benefit type (SSI only, SSDI only, or SSI and SSDI) received by sample member	Used to determine pathing for awareness of SSA work incentive items. Only respondents who received SSDI benefits were asked Items E3 through E13. Only respondents who received SSI were asked Items E15 and E17.
DOB	Sample member date of birth	Reported date of birth (or age) matched with administrative data to verify that the correct person was contacted in the screener portion of the survey.
SSIage	Age at which sample member first received SSI benefits	Used to determine pathing at Items E11 and E12. Only respondents who received SSI before age 22 (and were 25-years-old or younger) were asked these items.
StateMed	State name for Medicaid, based on state of residence reported at time of survey	Used at Item J2 to identify, by name, the Medicaid program in the respondent's state.
VRname	State name for State Vocational Rehabilitation Agency, based on state of residence reported at time of survey	Used at Items B29 and to identify, by name, the State Vocational Rehabilitation Agency in the respondent's state.

Source: NBS–General Waves Round 5

Finally, given that proxies are needed when the sample member's disability precludes participation, we programmed the instrument to fill in the proper pronoun or name in the question text after the interviewer indicated that the survey respondent would be either a sample member or a proxy. In addition, the instrument was programmed to skip attitudinal and opinion items for proxy respondents to minimize bias in reporting. (See Table III.3 for a complete list of items not asked of proxy respondents.) As mentioned previously, interviewers completed 771 proxy interviews.

Table III.3. Items skipped for proxy respondents

Survey Item	Question text
B29_3a	You said that one of the reasons you did not accept a job you were offered was because it did not pay enough. What is the lowest wage or salary you would have accepted for this job?
B29_3b	If you did get a job offer that matched your current needs and abilities, what is the lowest wage or salary you would be willing to accept for such a job?
B29_8a	You said that one of the reasons you are unable to find a job is that the jobs that are available do not pay enough. What is the lowest wage or salary you would accept for a job that matched your current needs and abilities?
B29_8b	If you did get a job offer that matched your needs and abilities, what is the lowest wage or salary you would be willing to accept for such a job?
B29_12a	If you did get a job offer that matched your current needs and abilities, what is the lowest wage or salary you would be willing to accept for such a job?
C18	Taking all things into account, how satisfied are you with your {main/current} job? Would you say very satisfied, somewhat satisfied, not very satisfied, or not at all satisfied?
C39a–C39m	Again, thinking about your {main/current} job, how much do you agree with each of the following statements? Would you say you strongly agree, agree, disagree, or strongly disagree?
C39a	The pay is good.
C39b	The benefits are good.
C39c	The {job security is good/work is steady}.
C39d	You have a chance for promotion.
C39e	You have a chance to develop abilities.
C39f	You have recognition or respect from others.
C39g	You can work on your own in your job if you want to.
C39h	You can work with others in a group or team if you want to.
C39i	Your work is interesting or enjoyable.
C39j	Your work gives you a feeling of accomplishment or contribution.
C39k	Your supervisor is supportive.
C39l	Your co-workers are friendly and supportive.
C39m	You plan to stay at this job for the next five years.

Source: NBS–General Waves Round 5

C. Comparisons with other questionnaires and surveys

The NBS contains a number of questions that are found on other survey instruments. In Table III.4, we list the names of the studies from which NBS questions have been drawn, their sponsors (where relevant), and the NBS question number. In some instances, several studies asked the same question, in which case we list all studies.

Table III.4. National beneficiary question sources

Study/source	Sponsor	Question numbers
A National Study of Health and Activity (NSHA)	Social Security Administration (SSA)	B18, B19, B25a-k, B47a-d, C6, C8, C9, C11, C20a-i, C33a-f, D14, D16-D19, I19, I20, I23, I24, I31, I32, J1, J2, J4-J6, K7, K8a-h
Employment Intervention Demonstration Program (EIDP)	Center for Mental Health Services, Substance Abuse and Mental Health Services Administration (SAMHSA)	B47a-k
State Partnership Initiative Participant Employment Data Form	SSA	C20a-i
Project Network Baseline Survey	SSA	K7, K8a-h
Evaluation of the Effects of the 1996 Welfare Reform Legislation on Children with Disabilities	SSA	E3-10, E12, E13, E15-E19, E20a-d
1996 Survey of Income and Program Participation (SIPP) Wave 5 Functional Limitations and Disability Adult Topical Module	Demographic Survey Division, U.S. Census Bureau	I22, I25, I26, I30, I34-I39, I41, I43, I45, I46, I48-I50, 152-158, I60-I61
American Community Survey	Demographic Survey Division, U.S. Census Bureau	I17b, I21, I29, I33, I47, I51, I59
Office of Management and Budget (OMB) Standards for Maintaining, Collecting and Presenting Federal Data on Race and Ethnicity		L1-L2

Source: NBS - General Waves, Round 5

D. Special design considerations

The NBS survey population represented a wide range of disabilities with varying degrees of severity; in addition, some sample members had several disabling conditions. While the survey could not be designed to overcome all possible challenges, the instrumentation procedures attempted to address three broad categories of common challenges: communication, stamina, and cognitive barriers. Communication challenges include both hearing and speech impairments. Stamina challenges include physical and mental fatigue. Cognitive challenges include, but are not limited to, emotional disturbance, difficulty processing questions and responses, lack of complete or specific knowledge, and confusion about the purpose of the interview (Mitchell et al. 2004).

The NBS featured several techniques designed to overcome the above challenges. The interviews could be conducted via Telecommunications Relay Service (TRS) or amplifiers so that persons with severe hearing or speech impairments could be interviewed by telephone. In addition, to maximize survey participation, in-person interviewers could use the services of sign language translators and made a range of other accommodations when interviewing persons with hearing impairments in their home.

The survey instrument included structured probes that both allowed questions to be rephrased and permitted concepts to be defined in a standard manner in the event that respondents required clarification or additional information. In addition, to minimize item

nonresponse, the survey instrument included follow-up questions for continuous variables. For example, if a respondent could not provide an exact amount, a "don't know" response was followed with a modified version of the question that offered response categories. The upper and lower bounds of each category were based on ranges specified by analysts. In general, we attempted to word survey questions simply, clearly, and briefly as well as in an unbiased manner so that respondents could readily understand key terms and concepts. Given the intent of the questions, we made response categories appropriate, mutually exclusive, and reasonably exhaustive.

In the study introduction, we notified all respondents that, if they began to tire during the interview, the interviewer could stop and resume the interview later. We trained interviewers to check with respondents about their level of fatigue during the interview. If they sensed that a respondent was tiring, they repeated this and asked the respondent if he or she was okay to continue. We set up the instrument so that we could break off the interview at any time and schedule a call-back time. In Round 5, interviewers broke off some 1,244 interviews after they began (about 16 percent of the total sample) (that is, after the interviewers screened and administered the cognitive items and the respondent was in the body of the questionnaire). Of these, interviewers completed 567 cases (46 percent), and did not complete 677 cases (54 percent).

E. Changes made to survey instrument at Round 5

Mathematica made minor modifications to the Round 4 NBS instrument for administration in Round 5 of the NBS–General Waves, including (1) changing reference periods from 2009 to 2014, (2) updating items to reflect changes in SSA programs or policies, (3) improving question wording and adding response categories, and (4) incorporating six disability items from the American Community Survey (ACS). We also deleted items from Round 4 that were no longer applicable in Round 5, including those related to TTW or because of administrative data availability, programs that no longer exist, or items of limited analytic value.

1. Changes to the reference period

We updated year references for questions and response categories. For example, in Section D (Jobs/Other Jobs in 2014), we changed the reference year from 2009 to 2014. Similarly, in Section G (Employment-Related Services and Supports in 2014), we changed the reference year from 2009 to 2014. Further, on items asking about the year in which services were last received, we changed the response options from "in 2010," "in 2009," or "before 2009" to "in 2015," "in 2014," or "before 2014," respectively. The change in the reference period also necessitated changes to the upper bound of soft and hard edit checks for certain numeric items. For example, in Section C (Current Employment), we changed the upper bound for the year in which the respondent started his or her current job from 2010 to 2015 because Round 5 was fielded in that year.

2. Changes to reflect changes in SSA programs or policies

In some instances, programs referenced in the Round 4 NBS instrument—primarily in Section E (Awareness of SSA Work Incentive Program)—no longer operate or operate under a different name. We deleted or updated survey items as appropriate. Before fielding the survey,

we also updated items to reflect the 2015 dollar amounts for some SSA work support provisions (that is, trial work period, student earned-income exclusion, and so on).

3. Changes to question wording and response categories

For a few items, we revised the question wording slightly or added a response category. These changes were based on (1) a review of the prior Round 4 NBS data and (2) the analytic goals of Round 5 of the NBS–General Waves. For example, item B29 asks respondents about activities they performed to look for work. We added a response category about contacting a previous employer, as this was a frequently cited verbatim response in the prior NBS. In addition, for the same item, based on verbatim responses in the Round 4 NBS, we added "by email" as a contact method for reaching employers.

4. Inclusion of disability items from the ACS

We included the six disability questions currently in use on the ACS in Round 5 of the NBS–General Waves. In cases where new items overlapped with previously existing questions, we deleted the prior items and replaced them with the ACS question. Inclusion of these items will permit greater comparability to other national surveys. In Table III.5, we show which questions were replaced and the wording of the new ACS questions.

Table III.5. NBS questions replaced with ACS questions

NBS Round 4 question	ACS replacement question for the NBS–General Waves
I17b. {Do you/Does NAME} have any difficulty seeing words and letters in ordinary newsprint even when wearing {your/his/her} glasses or contact lenses?	Are you blind or do you have serious difficulty seeing, even when wearing glasses?
I21. {Do you/Does NAME} have any difficulty hearing normal conversation even if using a hearing aid if {you/he/she} usually wear{s} one?	Are you deaf or do you have serious difficulty hearing?
I29. {Do you/Does NAME} have any difficulty walking without assistance for a quarter of a mile or about 3 city blocks?	Do you have serious difficulty walking or climbing stairs?
I33. {Do you/Does NAME} have any difficulty climbing up 10 steps without resting?	
I47. {Do you/Does NAME} have any difficulty getting around outside {your/his/her} home, for example to shop or visit a doctor's office?	Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?
I51. {Do you/Does NAME} have any difficulty bathing or dressing?	Do you have difficulty dressing or bathing?
I59. {Do you/Does NAME} have a lot of trouble concentrating long enough to finish everyday tasks?	Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?

5. Removal of TTW-related items

We deleted the TTW sections for participants (Section H) and nonparticipants (Section F). We also deleted screening items in Section E (Awareness of SSA Work Incentive Programs) that determined TTW participation and routing to Section H or F. Further, in Section G (Employment-Related Services and Supports Used in 2014) we deleted items that pertained to

TTW or State Vocational Rehabilitation Agency (SVRA) services. In earlier rounds of the NBS, these items were specific to TTW participants.

6. Items deleted because of administrative data availability

In Section E (Awareness of SSA Work Incentive Programs), we asked respondents if they had heard about various SSA programs and, if so, whether they had used a program. To streamline the instrument, we deleted items about program use and retained the awareness items. Data on program use are available through administrative records. Removing such items from the survey reduced respondent burden. This change also will help avoid inconsistencies between survey and administrative data.

7. Programs that no longer exist and items of limited analytic value

We deleted the questions in Section E (Awareness of SSA Work Incentive Programs) about the work incentive seminar events, as it no longer exists. We also deleted questions pertaining to payments made by respondents for particular employment supports (queried in Section C) because of the limited analytic value of these questions. During Round 4, few respondents indicated that they used such supports; therefore, data about out-of-pocket costs are unlikely to be reliable.

IV. DATA COLLECTION

We executed the NBS-General Waves as a dual-mode survey. Initial attempts to interview respondents used computer-assisted telephone interviewing (CATI). If Mathematica could not locate and contact a sample member by telephone, we deployed a field locator to make contact in person. Once located, the field locator attempted to facilitate an interview with the sample member via CATI, using a Mathematica-provided cell phone to call into the data collection center (or the sample member's own phone, if preferred). If a sample member could not complete the interview by telephone in this manner due to his or her disability, or requested an in-person interview, trained field staff conducted the interview in person using computer-assisted personal interviewing (CAPI). In many cases, CAPI interviewers administered the survey to newly located sample members out of convenience rather than necessity.[14] To reduce measurement error, the survey instrument was identical in each mode.

If a sample member was not able to participate in the survey because of his or her disability, Mathematica sought a proxy respondent. If no proxy was available and an in-person interview was not possible, we classified the final status of the case as a nonresponse.

CATI data collection began in February 2015.[15] In-person locating and interviewing of telephone nonrespondents and beneficiaries who requested an in-person interview began in June 2015 and continued, concurrent with CATI interviewing, through October 2015. In total, Mathematica completed 4,062 cases (including 40 partially completed interviews).[16] We deemed an additional 297 beneficiaries as ineligible for the survey. [17] Mathematica completed 3,649 interviews by CATI and 413 interviews by CAPI. [18]

A. Data collection procedures

1. Advance contacts

To increase respondent trust and rapport before the start of data collection, Mathematica sent all sample members with a valid address an advance letter and a trifold NBS brochure. Printed on SSA letterhead and signed by an SSA official, the advance letter identified SSA as the sponsor of the survey and Mathematica as the survey contractor; explained the purpose of the

[14] Only 18 sample members requested an in-person interview (about .5 percent of total cases worked in the field) and we sent five cases to the field due to a hearing/speech impairment, cognitive impairment or physical impairment.

[15] We began interviewing approximately eight months after the sample was selected.

[16] We considered partial interviews completed if responses were provided through Section G of the interview.

[17] We marked as ineligible any beneficiaries who died between the sample selection and the start of data collection, based on information obtained from informants, SSA, or LexisNexis\Accurint prior to the start of data collection. Any beneficiaries we found to be incarcerated or no longer living in the continental United States or who reported that they had not received benefits in the past five years at the time of the interview were marked as ineligible during the data collection period. Approximately 4 percent of sample members were ineligible for the survey in Round 5, compared to 6 percent in the prior round of the NBS.

[18] Of the 3,649 cases completed by CATI, field locators facilitated 807 cases at sample persons' homes.

survey' offered assurances of confidentiality; described the voluntary nature of participation; and included a toll-free number and an e-mail address for respondents so that they could contact Mathematica with questions or to complete the interview at their convenience. To encourage participation and show appreciation for respondents' participation, Mathematica offered a post-paid incentive payment of $20 to respondents who completed the survey.[19]

In an effort to help establish the NBS's legitimacy, SSA posted information about the survey on the agency's website and circulated information about the survey to SSA field offices and the SSA teleservice (800) center. We sent the field offices and the SSA teleservice (800) center the names of telephone and in-person locators and field interviewers involved in the NBS so that these individuals could be identified as legitimate contacts. If, upon receipt of the advance letter, disability beneficiaries contacted their local field office or called the SSA teleservice number with questions about the survey or its legitimacy, SSA staff could then assure beneficiaries of the study's legitimacy and encourage them to participate.

2. Interviewer training

CATI interviewers participated in 14 hours of training over three days; CAPI interviewers participated in 24 hours of training over three days. The training provided interviewers with the study's background and purpose, a question-by-question review of the instrument, contact protocols, refusal avoidance strategies, and a series of practice interviews. In addition, sensitivity training emphasized the importance of demonstrating patience, professionalism, and unconditional positive regard for respondents, regardless of impairments. Trainers stressed that the greatest barriers that people with disabilities face are often others' prejudgments and erroneous images of them. We taught interviewers how to use positive rather than patronizing language and encouraged them to focus on the individual first and the disability last.

To overcome stamina challenges, we trained interviewers to be aware of behaviors that might indicate that a respondent was too fatigued to continue the interview. If a respondent seemed tired, agitated, or distracted, for example, we encouraged interviewers to ask whether the respondent needed to take a break and schedule another time to continue the interview or to set appointments for times when the respondent was most alert. To ensure that interviewers could address cognitive challenges, the training focused on neutral, nondirected probing methods (repeating the question, repeating response categories, asking for more information, stressing generality, stressing subjectivity, and zeroing in) and using active listening skills and patience. We instructed interviewers to provide neutral feedback and encouragement and to help keep the respondent free of distractions, to say the respondent's name often, and to avoid an exaggerated inflection or tone of voice.

[19] In Round 5, we conducted an incentive experiment to examine the impact of a differential incentive on response rates. We randomly assigned sample members to one of three groups. We offered the "early differential" group $30 if they responded within the first 21 days of data collection. Thereafter, we offered $20. We offered the "late differential" group $30 if they responded within a prescribed 21-day period prior to the start of our field effort. Prior to and after this time period, we offered $20. We offered the "standard" group $20 throughout the data collection period. The results indicate a slightly higher response rate among those in the two differential groups as compared to those in the standard group, 55 percent versus 52 percent.

As part of training interviewers on administering the cognitive assessment, we played nine prerecorded mock screenings during the first day of training. We asked interviewers to listen to the mock interviews and independently code the outcome. We compared interviewers' ratings to an expert assessment and scored them as "correct" or "incorrect," On the final day of training, after having discussed the screening process in greater detail and role playing several example interviews, we replayed the same mock interviews and asked interviewers to code the outcome to assess whether scores changed. The number of interviewers coding eight or more of the nine screening interviews correct improved markedly (79 percent versus 48 percent) after this exercise. Those who scored three or more screenings incorrectly, received additional one-on-one training on administration of the screener.

3. Locating

SSA provided sample members' contact information drawn from administrative records. Before the mailing of the advance materials, Mathematica verified or updated all addresses using a commercially available database. Over the course of Round 5 data collection, 63 percent of cases required in-house locating; this was consistent with the results of the Round 4 administration in 2010. Mathematica used a variety of techniques for locating updated information, including database searches, calling relatives and friends, receiving updated contact information from SSA, and making in-person visits for field locating. Through these efforts, Mathematica eventually located approximately 84 percent of the sample for interviewing or determining ineligibility. Of the located sample, 63 percent completed the interview.

4. CATI data collection

CATI data collection began in February 2015. In total, Mathematica completed 3,649 cases by telephone; of these, a field locator facilitated approximately 22 percent (n=807). Mathematica achieved approximately 45 percent of total completes before the start of in-person locating and CAPI data collection (June 2015). On average, the telephone survey took 45 minutes to administer, with the interview length ranging from 14 minutes to 3 hours. As part of Mathematica's rigorous quality control procedures, at least 10 percent of each interviewers calls were monitored, in real-time, for quality assurance. Interviewers were given immediate feedback on their performance and, if necessary, additional training was provided.

Assistive technologies. Several technologies were available to assist with telephone interviewing of sample persons who were deaf or hard of hearing, including telephone amplifying volume controls, and telephone or video TRS. The average length of a TRS interview was considerably longer than that of a non–TRS interview. For Round 5 of the NBS, the average time to complete a TRS interview was 88 minutes. The shortest TRS interview lasted about 45 minutes; the longest was 2.5 hours. We completed a total of 21 interviews via TRS.

5. In-field locating and CAPI data collection

In-person survey administration can maximize the number of responses among persons with disabilities by facilitating interviews of persons with hearing and speech limitations who are unable to participate by telephone, permitting persons with cognitive challenges to benefit from in-person assistance, and improving the locating rate through in-field searching (Mitchell et al. 2004). To control costs, Mathematica first attempted to contact and interview sample persons via telephone and, if needed, conducted in-field locating to find and contact sample members for an

interview. In most cases, field locators facilitated interviews by providing a cell phone that the sample member used to call into the data collection center so that we could conduct the interview by telephone. However, we trained some field locators to conduct the interview in person (using CAPI) if a beneficiary requested an in-person interview or required an in-person interview to accommodate a disability.

Mathematica referred cases to in-field locating if we could not find a telephone number or if we could not contact the sample member by telephone, or if the sample member resisted telephone attempts (including refusals and other noncontacts). We sent all of these cases to central office locating first. Central office locating staff verified or updated, if needed, sample members' telephone numbers and addresses and compiled a list of previous addresses before assigning cases to field interviewers. Once central office locating staff had exhausted their resources, they sent cases to the field for in-person locating. In Figure IV.1, we provide a summary of the survey administration process.

We sent a total of 3,644 cases, or approximately 47 percent of the total sample, to in-person locators[20]. Of these, we completed a total of 1220 cases (33 percent); 573 cases (16 percent) were completed by CATI with field locator assistance, 413 cases (11 percent) were completed by CAPI, and the remaining 234 cases (6 percent) were completed by CATI after having been assigned to the field.[21]

Of the cases that we sent to the field, approximately 74 percent were assigned to field interviewers because they could not be located or lacked a telephone number; another 17 percent were assigned to field staff because they were difficult to contact by telephone or evaded our contact efforts. We sent the remaining 9 percent of the cases to the field because the sample member initially refused a CATI interview. Less than one percent of the cases that we sent to the field represented sample members requesting an in-person interview.

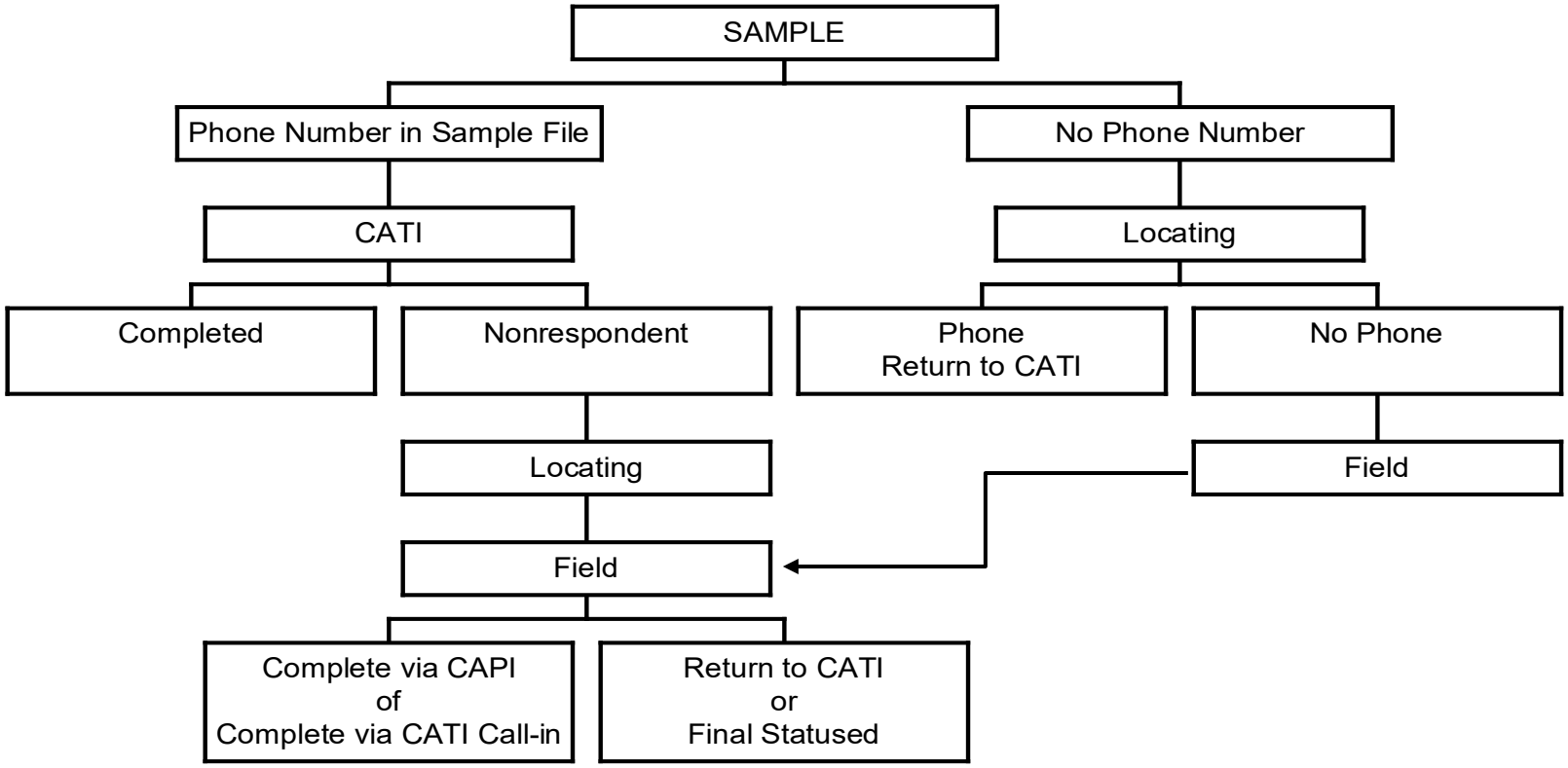
To ensure collection of the highest-quality CAPI data, Mathematica put in place several Quality Assurance (QA) procedures. First, we reviewed early CAPI data for the frequency of item nonresponse and other data problems. Using such information, we provided feedback and additional instruction to interviewers as needed. Second, we checked interview length for patterns of especially long or short interviews; such interviews might indicate data forgery or other problems. Finally, we randomly selected 10 percent of each interviewer's cases and verified them by either telephone or mail. During verification, we asked respondents about the length of the interview, whether the interviewer used a laptop, and the types of questions asked. In addition, we re-asked some questions to ensure that the answers matched those recorded during the interview.

[20] An additional 420 cases were identified for the field but unable to be assigned because a field locator was not available.

[21] These are cases in which a respondent called in to complete the interview on their own without a field locator or field interviewer present. These respondents might have called in as a result of receiving various reminder or locating letters, or other communications from the field locators.

FIGURE IV.1

NATIONAL BENEFICIARY SURVEY - SAMPLE ADMINISTRATION



6. Assisted interviews and proxy respondents

To increase opportunities for self-response, we permitted assisted interviews, which differed from proxy interviews in that beneficiaries answered most questions themselves. The assistant, typically a family member, provided encouragement, interpretation, and verified answers as needed. Assisted interviews minimized item nonresponse, improved response accuracy, and overcame some limiting conditions (such as difficulties with hearing) and language barriers. In all, we conducted 179 interviews (approximately 4 percent of all completes) during Round 5.

As a last resort, we relied on proxy respondents to complete the survey on behalf of respondents who could not complete the survey themselves (even with assistance) either by telephone or in-person. This included sample persons with severe communication impairments, those with severe physical disabilities that precluded participation (in any mode), and those with mental impairments that might have compromised data quality. We strongly preferred reliance on a beneficiary rather than on a proxy when possible because sample members generally provide more complete and accurate information than do proxy respondents. However, allowing the use of proxies when necessary minimized the risk of nonresponse bias that would have resulted from the exclusion of individuals with severe physical or cognitive impairments.

To identify the need for proxy respondents, we administered a mini-cognitive test designed expressly for the NBS.[22] The test provided interviewers with a tool for determining when to seek a proxy rather than leaving the decision to interviewer discretion or a gatekeeper. The test, which included three questions at the start of the interview, combined the ability to understand the survey topics with elements of informed consent. First, we gave a general description of the survey topics to be covered (their health, daily activities, and any jobs they might have) and asked the respondent to state the topics in his or her own words. Second, we described the voluntary nature of the survey and asked respondents to state, in their own words, what that description meant to them. Third, we described the confidential nature of the respondents' answers and asked them to state what that description meant. If respondents were unable to restate accurately any description after two attempts, we asked if someone else could answer questions on their behalf.

In some cases, a knowledgeable informant expressed that a proxy would be necessary before we could administer the cognitive screener to the sample person. In these cases, we relied on several guidelines to determine whether a proxy was indeed warranted. These guidelines included using proxies only when the sample member's physical or mental condition precluded self-response, selecting the most knowledgeable proxy, and ensuring that the proxy answered on behalf of the sampled respondent rather than offering his or her own opinions. We trained interviewers to overcome gatekeepers' objections, and to give sample members the opportunity to speak for themselves whenever possible.

[22] Westat designed the test as part of the design of the Ticket-to-Work evaluation; Mathematica modified it after pretesting.

In Round 5, we completed proxy interviews with 771 sample members (19 percent of all completed interviews). Of the completed proxy interviews, approximately 60 percent needed a proxy because the caregiver deemed the sample member unable to respond due to an intellectual disability; 32 percent needed a proxy because the sample member failed the cognitive assessment; and the remaining 8 percent needed a proxy because they were unable to complete the interview, as they did not understand the questions or the question-response sequence after passing the cognitive assessment. There were an additional 136 cases in which sample members could not participate in the interview and proxies could not be identified to complete it on their behalf. Of these cases, 112 (82 percent) were situations in which a gatekeeper reported an intellectual disability and could not serve as a proxy. The remaining 24 (18 percent) were cases in which sample members could not participate because they were unable to successfully complete the cognitive screener and could not identify a proxy to complete the interview.

B. Case disposition summaries

We completed a total of 4,062 interviews. We determined 297 beneficiaries to be ineligible for the survey. Ineligible cases included sample persons who were deceased, no longer living in the continental United States, who were incarcerated, or who were denied benefits since the time of sample selection or who had never received SSA benefits. In Table IV.1, we summarize the final case disposition for all released cases in the sample by sampling strata.

Table IV.1. Summary case disposition by sample type and sampling strata

		Complete			Ineligible			Refused			Unlocated			Nonrespondents		
	Total sample	Count	Un-weighted percent	Weighted percent	Count	Un-weighted percent	weighted percent	Count	Un-weighted percent	Weighted percent	Count	Un-weighted percent	Weighted percent	Count	Un-weighted percent	Weighted percent
AGE 18-29	2,268	1,149	50.7	52.8	91	4.0	3.7	321	14.2	14.0	448	19.8	18.4	259	11.4	11.1
AGE 30-39	2,126	1,097	51.6	53.9	71	3.3	3.2	327	15.4	14.7	364	17.1	16.0	267	12.6	12.2
AGE 40-49	2,076	1,104	53.2	55.0	82	3.9	4.0	335	16.1	15.6	297	14.3	13.8	258	12.4	11.7
AGE 50+	1,212	712	58.7	61.4	53	4.4	4.1	220	18.2	17.2	127	10.5	9.9	100	8.3	7.9
Total beneficiary sample	7,682	4,062	52.9	58.6	297	3.9	4.0	1,203	15.7	16.3	1,236	16.1	12.1	884	11.5	9.1

Source: NBS-General Waves Round 5

Note: The number of completed cases includes 40 partially completed interviews.

V. VARIABLE CONSTRUCTION AND EDITING

The NBS data files contain several types of variables: unedited and edited questionnaire variables, imputed variables and imputation flags, coded verbatim responses, variables masked for the Public Use File, constructed variables derived from questionnaire variables, weights, survey administration variables, and SSA administrative data.[23] In this chapter, we provide an overview of the types of variables in both the Restricted Access and Public Use data files and variable naming conventions as well as additional details on coded items and select constructed variables.

A. Editing of questionnaire variables

Questionnaire variables are survey items collected directly from the respondent. On the NBS data files, we distinguish these variables by a two-part name with the first part of the variable name representing the section of the questionnaire where the question originates and the second part of the variable name representing the numerical question from the questionnaire (for example, question F11 comes from Section F of the questionnaire and is question 11). Variables on the data file are also preceded by an R5_ to identify them as Round 5 variables

We thoroughly reviewed the NBS data for discrepancies that might have resulted from programming or interviewer errors. We performed the necessary editing to resolve any inconsistencies in skip patterns and to review and resolve some outlier values by recoding either to an appropriate valid value or a value of missing (.D = don't know). For key variables, we imputed these responses and other missing values. In consultation with SSA and research analysts, we took the general approach of editing only those cases where there appeared to be an obvious data entry or respondent error. As a result, while we devoted substantial time to a meticulous review of individual responses, some suspect values remain in the file. The "National Beneficiary Survey – General Waves: Round 5 Data Cleaning and Identification of Data Problems Report" (Skidmore et al. 2017) provides more information on data problems and the completeness of the survey data set.

B. Imputation of missing values

A case may be missing data for a particular item because of a logical skip (the respondent was ineligible for the item), the respondent refused the item or responded "don't know," an interviewer or programming error resulted in a loss of data, or the case was a partial complete and is missing data for some items. Data for cases completed up through G61 were included on the file as partial completes. All subsequent items for these cases were coded as .P. In Table V.1, we summarize missing value codes and their description. For selected variables in the file, we imputed missing data due to "don't know" or refused responses and those missing because the case was partially completed (.D, .R, and .P).

[23] In general, unedited variables are those which contain the original response to a single questionnaire item.

Table V.1. Missing values and description

Value	Description
L	Logical skip: Respondent not eligible to receive the item
D	Don't know: Respondent did not know how to answer the item
R	Refused: Respondent refused to respond to the item
P	Partial complete: Data are missing due to partial interview

Source: NBS-General Waves, Round 5

We selected variables for imputation based on their level of missing data and their analytic importance. Imputed variables include those related to race and ethnicity, disability status, current employment, health, income, and personal and household characteristics. In Chapter VII, we provide a complete list of variables selected for imputation and the specific imputation procedures used for each item. Imputed variables share the same name as the original variable but end in an _i. The original nonimputed variables are retained on the Restricted Access File, along with imputation flags indicating that a case was imputed and a description of the method of imputation (Table V.2). Imputation flag variables share the same name as the original variable and end in _iflag (for example, BMI_cat_i is the imputed version of the constructed variable C_BMI. BMI_cat_iflag, which indicates which cases were imputed and the method used for that imputation).

Table V.2. Imputation flag values and description

Imputation flag value	Description
0	No change
1	Logical imputation
2	Administrative data
3	Hot-deck imputation
4	Imputed by distributional assumptions
5	Imputed by descriptive statistic
6	Constructed from imputed variables
L	Logical skip

Source: NBS-General Waves, Round 5

C. Coding of verbatim responses

The NBS questionnaire includes several questions designed to elicit open-ended responses. To make it easier to analyze the data connected with these responses, we grouped the responses and assigned them numeric codes when possible. The methodology used to code each variable depended upon the variable's content. Three types of questions did not have designated response categories; rather, we recorded these questions verbatim:

1. **Open-ended questions** have no response options specified. For example, Item G61 asks, "Why {were you/was NAME} unable to get these services?" For such items, interviewers recorded the verbatim response. Using common responses, we developed categories and reviewed them with analysts. Coders then attempted to code the verbatim response into an

established category. If the response did not fit into one of the categories, coders coded it as "other."

2. **Other/specify** is a response option for questions with a finite number of possible answers that may not necessarily capture all possible responses. For example, "Did you do anything else to look for work in the last four weeks that I didn't mention?" For such questions, respondents are asked to specify an answer to the question "anything else?" or "anyone else?"
3. **Field-coded responses** are answers interviewers code into a predefined response category without reading the categories aloud to the respondent. If none of the response options seems to apply, interviewers select an "other/specify" category and type in the response.

As part of data processing and based on an initial review of data, we examined verbatim responses in an attempt to uncover dominant themes for each question. We developed a list of categories and decision rules for coding verbatim responses to open-ended items. We also added supplemental response categories to some field-coded or "other/specify" items in order to facilitate coding if a sufficient number of such responses could not be back-coded into pre-existing categories. (In Appendix D, we list all open-ended items assigned additional categories during the coding process.) Thus, we categorized verbatim responses for quantitative analyses by coding responses that clustered together (for open-ended and "other/specify" responses) or by back-coding responses into existing response options if appropriate (for field-coded and "other/specify" items). We applied categories developed during prior rounds of the NBS. In some cases, we added to the questionnaire categories developed in earlier rounds in order to minimize back-coding.

If the need for changes to the coding scheme became apparent during coding (for example, the addition of categories or clarification of coding decisions), we discussed and documented new decision rules. We sorted verbatim responses alphabetically by item for coders. The responses then lent themselves to filtering by coding status so that new decision rules could be easily applied to previously coded cases. When it was impossible to code a response, when a response was invalid, or when a response could not be coded into a given category, we assigned a two-digit supplemental code to the response (see Table V.3). The data files do not include the verbatim responses. Skidmore et al. (2017) provide full details on back-coding procedures.

Table V.3. Supplemental codes for other/specify coding

Code	Label	Description
94	Invalid response	Indicates that response should not be counted as an "other" response and should be deleted
95	Refused	Used only if verbatim response indicates respondent refused to answer question
96	Duplicate response	Indicates that verbatim response already has been selected in a "code all that apply" item
98	Don't know	Used only if verbatim indicates that respondent does not know answer
99	Not codeable	Indicates that a code cannot be assigned based on verbatim response

Source: NBS-General Waves, Round 5.

1. Health condition coding

In section B of the questionnaire, we asked each respondent to cite the primary and secondary physical or mental conditions that limit the type or amount of work or daily activities that he or she performs. Respondents could report main conditions in one of four questions: B2 (primary reason limited), B6 (primary reason eligible for benefits), B12 (primary reason formerly eligible for benefits if not currently eligible), and B15 (primary reason limited when first receiving disability benefits). The majority of respondents (87 percent) reported a primary limiting condition in Item B2. The main purpose of the other questions (B6, B12, and B15) was to collect information on a health condition from people who reported no limiting conditions in Item B2. For example, if respondents reported no limiting conditions, they were asked if they were currently receiving social security benefits. If they answered "yes," they were asked about the main reason that made them eligible for benefits (Item B6). If respondents said that they were not currently receiving benefits, we asked whether they had received disability benefits in the last five years. If they answered "yes," we asked for the condition that made them eligible for social security benefits (Item B12) or the reason that first made them eligible if they no longer had that condition (Item B15). If respondents said that they had not received disability benefits in the last five years, we screened them out of the survey and coded them as ineligible. We assigned a value for the three health condition constructs to each response for Items B2, B6, B12, and B15. Although respondents were asked to cite one "main" condition in question B2, B6, B12, or B15, many listed more than one. We maintained the additional responses under the primary condition variable and coded in the order in which they were recorded.

For each item on a main condition, we asked respondents to list any other, or secondary, conditions. For example, in Item B4, we asked respondents who had reported a main condition in Item B2 to list other conditions that limited the type or amount of work or daily activities that they could perform. In Item B8, we asked respondents who had reported the main reason for their eligibility for disability benefits in Item B6 to list other conditions that made them eligible. For respondents who reported that they were not currently receiving benefits but who reported a main condition in Item B12 (the condition that made them eligible to receive disability benefits in the last five years), we asked in Item B14 for other reasons that made them eligible for benefits. Of those who reported that their current main condition was not the condition that made them eligible for benefits, we asked them what the main reason was for their initial limitation. We also asked them if any other conditions limited them when they started receiving benefits (Item B17).

We coded respondents' verbatim responses by using the International Classification of Diseases, 9th revision, Clinical Modification (ICD-9-CM) five-digit coding scheme.[24] The ICD-9 is a classification of morbidity and mortality information developed in 1950 to index hospital records by disease for data storage and retrieval. The ICD-9 was available in hard copy for each coder. The coders, many of whom had medical coding experience, attended an eight-hour training session before coding and were instructed to code to the highest level of specificity possible. We coded responses that were not specific enough for a five-digit code to four digits

[24] Although the ICD-10 was available at the time of coding, we used ICD-9 to be consistent with how we coded in previous rounds. More information on comparing ICD-9 codes to ICD-10 codes is available at http://www.qualityindicators.ahrq.gov/resources/Toolkits.aspx.

(subcategory) or three digits (category codes). Responses not specific enough for even three- or four-digit ICD-9 codes were coded either as a physical problem (not specified) or to broader categories representing disease groups. (See Table V.4 for a list of the broad categorical and supplementary codes.) When respondents provided several distinct conditions, we coded all conditions (for instance, three distinct conditions would be recorded and coded as B2_1, B2_2, and B2_3).

We used several approaches to ensure that responses were coded according to protocol. First, we performed an initial quality assurance check, per coder, for the first several cases that were coded. In addition, during coding, we randomly selected 10 percent of responses for review. In total, a supervisor reviewed approximately 16 percent of all coded responses, including cases that coders flagged for review because they were unable or did not know how to code them. Approximately 2 percent of all cases required recoding. Further, in the course of the quality assurance check, we developed additional decision rules to clarify and document the coding protocol. We discussed the decisions with coders and posted the decisions to ensure consistent and accurate coding throughout the coding process. Finally, as for other open-ended items, when we added decision rules, we reviewed previously coded responses and re-coded them if necessary.

Following ICD-9 coding, we grouped a series of constructed variables reported in Items B1 and B2 into four classes of broad disease groups. In addition to the body system classifications represented in Table V.4, we formed primary diagnosis groups with separate categories for HIV/AIDS, schizophrenia, major affective disorders, mental retardation, visual impairments, hearing impairments, and speech disorders (see Table V.5 for codes). Additional constructs collapsed the categories into four broad groups for the Public Use File (see Table V.6 for codes). We also created a set of separate constructs summarized responses provided in Items B6, B12, and B15 (C_REASBECELIGICD9, C_REASBECELIGDIAGGRP, C_REASBECELIGCOLDIAGGRP, and C_REASBECELIGBODYGROUP). The constructs clarified the eligibility of sample members who indicated in Items B1 and B2 that they did not have a disabling condition.

Table V.4. Body system diagnosis groups (C_MAINCONBODYGROUP_1-_9, C_SECCONBODYGROUP_1-_9, C_REASBECELIGBODYGROUP)

Code	Label	Description of ICD-9 codes	Corresponding ICD-9 codes
00	Other	Other and unspecified infectious and parasitic disease; alcohol dependence syndrome and drug dependence; learning disorders and developmental speech or language disorders; complications of medical care, not elsewhere classified	136.0-136.9, 303.00-304.90, 315.00-315.39, 999.0-999.9
01	Infectious and parasitic diseases	Borne by a bacterium or parasite and viruses that can be passed from one human to another or from an animal/insect to a human, including tuberculosis, HIV, other viral diseases, and venereal diseases (excluding other and unspecified infectious and parasitic diseases)	001.0-135, 137.0-139.8
02	Neoplasms	New abnormal growth of tissue, i.e., tumors and cancer, including malignant neoplasms, carcinoma in situ, and neoplasm of uncertain behavior	140.0–239.9
03	Endocrine/nutritional disorders	Thyroid disorders, diabetes, abnormal growth disorders, nutritional disorders, and other metabolic and immunity disorders	240.0–279.9
04	Blood/blood-forming	Diseases of blood cells and spleen	280.0–289.9
05	Mental disorders	Psychoses, neurotic and personality disorders, and other non-psychotic mental disorders, including mental retardation (excluding alcohol and drug dependence and learning, developmental, speech, or language disorders)	290.0–302.9, 305.00-314.9, 315.4-319
06	Diseases of nervous system	Disorders of brain, spinal cord, central nervous system, peripheral nervous system, and senses including paralytic syndromes, and disorders of eye and ear	320.0-389.9
07	Diseases of circulatory system	Heart disease, disorders of circulation, and diseases of arteries, veins, and capillaries	390-459.9
08	Diseases of respiratory system	Disorders of the nasal, sinus, upper respiratory tract, and lungs including chronic obstructive pulmonary disease	460-519.9
09	Diseases of digestive system	Diseases of the oral cavity, stomach, esophagus, and duodenum	520.0-579.9
10	Diseases of genitourinary system	Diseases of the kidneys, urinary system, genital organs, and breasts	580.0-629.9
11	Complications of pregnancy, child birth, and the puerperium	Complications related to pregnancy or delivery, and complications of the puerperium	630-677
12	Diseases of skin/ subcutaneous tissue	Infections of the skin, inflammatory conditions, and other skin diseases	680.0-709.9
13	Diseases of musculoskeletal system	Muscle, bone, and joint problems, including arthropathies, dorsopathies, rheumatism, osteopathies, and acquired musculoskeletal deformities	710.0-739.9
14	Congenital anomalies	Problems arising from abnormal fetal development, including birth defects and genetic abnormalities	740.0-759.9
15	Conditions in the perinatal period	Conditions that have origin in birth period even if disorder emerges later	760.0-779.9

Table V.4 (*continued*)

Code	Label	Description of ICD-9 codes	Corresponding ICD-9 codes
16	Symptoms, signs, and ill-defined conditions	Ill-defined conditions and symptoms; used when no more specific diagnosis can be made	780.01-799.9
17	Injury and poisoning	Problems that result from accidents and injuries including fractures, brain injury, and burns (excluding complications of medical care not elsewhere classified)	800.00–998.9
18	Physical problem, NEC	The condition is physical, but no more specific code can be assigned.	No ICD-9 codes
95	Refused	Verbatim indicates respondent refused to answer the question.	No ICD-9 codes
96	Duplicate condition reported	The condition has already been coded for the respondent.	No ICD-9 codes
97	No condition reported	The verbatim does not contain or symptom to condition to code.	No ICD-9 codes
98	Don’t know	The respondent reports that he/she does not know the condition.	No ICD-9 codes
99	Uncodeable	A code cannot be assigned based on the verbatim response.	No ICD-9 codes

Source: NBS-General Waves, Round 5

Table V.5. Primary diagnosis groups (C_MAINCONDIAGGRP_1-_9, C_SECCONDIAGGRP_1-_9, C_REASBECELIGDIAGGRP)

Code	Label	Description of ICD-9 Codes	Corresponding ICD-9 Codes
00	Other	Other and unspecified infectious and parasitic disease; alcohol dependence syndrome and drug dependence; learning disorders and developmental speech or language disorders; complications of pregnancy, childbirth and the puerperium; conditions in the perinatal period; symptoms, signs and ill-defined conditions; complications of medical care, not elsewhere classified; physical problems not elsewhere classified.	136.0-136.9, 303.00-304.93, 315.00-315.39, 630-677, 760.0–779.9, 780.01-784.2, 784.60-799.99, 999.0-999.9, 11,15, 16, 18
01	Infectious and parasitic Diseases	Borne by a bacterium or parasite and viruses that can be passed from one human to another or from an animal/insect to a human, including tuberculosis, other viral diseases, and venereal diseases (excluding HIV and other and unspecified infectious and parasitic diseases)	001.0-041.9, 045.00-135, 137.0-139.8, 01
02	HIV/AIDS	HIV infection	042
03	Neoplasms	New abnormal growth of tissue, i.e., tumors and cancer, including malignant neoplasms, carcinoma in situ, and neoplasm of uncertain behavior	140.0–239.9, 02
04	Endocrine/nutritional disorders	Thyroid disorders, diabetes, abnormal growth disorders, nutritional disorders, and other metabolic and immunity disorders	240.0–279.9, 03
05	Blood/ blood-forming diseases	Diseases of blood cells and spleen	280.0–289.9, 04
06	Schizophrenia/ psychoses	Schizophrenic disorders	295.00-295.95
07	Major affective disorders	Affective psychoses including major depression and bipolar disorder	296.00-296.99
08	Other mental disorders	Organic psychotic conditions, paranoid states, neurotic disorders, personality disorders, and other non-psychotic mental disorders (excluding alcohol and drug dependence and learning /developmental speech or language disorders, schizophrenia, and major affective disorders)	290.0–294.9, 297.0-302.9, 305.00-314.9, 315.4-316, 05
09	Mental retardation	Mild mental retardation and other specified and unspecified mental retardation	317-319
10	Visual impairment	Disorders of the eye and adnexa	360.00-379.99
11	Hearing impairment	Disorders of the ear and mastoid process	380.00-389.9
12	Speech impairment	Asphasia, voice disturbance, other speech disturbance	784.3-784.5
13	Other diseases of nervous system	Disorders of brain, spinal cord, central nervous system, peripheral nervous system, and senses, including paralytic syndromes, excluding disorders of eye and disorders of ear	320.0-359.9, 06
14	Diseases of circulatory system	Heart disease, disorders of circulation, and diseases of arteries, veins, and capillaries	390-459.9, 07
15	Diseases of respiratory system	Disorders of the nasal, sinus, upper respiratory tract, and lungs including chronic obstructive pulmonary disease	460-519.9, 08
16	Diseases of digestive system	Diseases of the oral cavity, stomach, esophagus, and duodenum	520.0-579.9, 09
17	Diseases of genitourinary system	Diseases of the kidneys, urinary system, genital organs, and breasts	580.0-629.9, 10
18	Diseases of skin/ subcutaneous tissue	Infections of the skin, inflammatory conditions, and other skin diseases	680.0-709.9, 12

Table V.5 (*continued*)

Code	Label	Description of ICD-9 Codes	Corresponding ICD-9 Codes
19	Diseases of musculoskeletal system	Muscle, bone, and joint problems including arthropathies, dorsopathies, rheumatism, osteopathies, and acquired musculoskeletal deformities	710.0-739.9, 13
20	Congenital anomalies	Problems arising from abnormal fetal development, including birth defects and genetic abnormalities	740.0-759.9, 14
21	Injury and poisoning	Problems that result from accidents and injuries including fractures, brain injury, and burns (excluding complications of medical care not elsewhere classified)	800.00–998.9, 17
95	Refused	Verbatim indicates respondent refused to answer the question.	No ICD-9 codes
96	Duplicate condition reported	The condition has already been coded for the respondent.	No ICD-9 codes
97	No condition reported	The verbatim does not contain symptom or condition to code.	No ICD-9 codes
98	Don’t know	The respondent reports that he/she does not know the condition.	No ICD-9 codes
99	Uncodeable	A code cannot be assigned based on the verbatim response.	No ICD-9 codes

Source: NBS-General Waves, Round 5

Table V.6. Primary diagnosis codes collapsed (C_MAINCONCOLDIAGGRP_1-_9, C_SECCONCOLDIAGGRP_1-_9, C_REASBECELIGDIAGGRP)

Code	Label	Description of ICD-9 codes	ICD-9 and two-digit codes
00	Other	Infectious and parasitic diseases; neoplasms; endocrine/nutritional disorders; blood/blood-forming diseases; alcohol dependence syndrome and drug dependence; learning disorders and developmental speech or language disorders; disorders of nervous system; disorders of circulatory system; diseases of respiratory system; diseases of digestive system; diseases of genitourinary system; complications of pregnancy, childbirth and the puerperium; diseases of skin/subcutaneous tissue; conditions in the perinatal period; congenital anomalies; symptoms, signs and ill-defined conditions; injury and poisoning; physical problems not elsewhere classified	001.0-139.8, 01, 140.0–239.9, 02, 240.0–279.9, 03, 280.0–289.9, 04 ,303.00-304.93, 315.00-315.39, 320.0-359.9, 06, 390-459.9, 07 460-519.9, 08, 520.0-579.9, 09, 580.0-629.9, 10, 630-677, 11, 680.0-709.9, 12, 740.0-759.9, 14, 760.0–779.9, 15 780.01-784.2, 784.6-799.99, 16, 800.00–999.9, 17, 18
01	Mental illness	Organic psychotic conditions, paranoid states, other non-organic psychoses, psychoses with origin specific to childhood, neurotic disorders, personality disorders, and other non-psychotic mental disorders (excluding alcohol dependence syndrome and drug dependence; learning disorders and developmental speech or language disorders; and mental retardation)	290.0-316, 05
02	Mental retardation	Mild mental retardation and other specified and unspecified mental retardation	317-319
03	Muscular/ skeletal	Muscle, bone, and joint problems including arthropathies, dorsopathies, rheumatism, osteopathies, and acquired musculoskeletal deformities	710.0-739.9, 13
04	Sensory disorders	Visual, hearing, and speech disorders	360.00-389.9, 784.3-784.5
95	Refused	Verbatim indicates respondent refused to answer the question.	No ICD-9 codes
96	Duplicate condition reported	The condition has already been coded for the respondent.	No ICD-9 codes
97	No condition reported	The verbatim does not contain symptom or condition to code.	No ICD-9 codes
98	Don’t know	The respondent reports that he/she does not know the condition.	No ICD-9 codes
99	Uncodeable	A code cannot be assigned based on the verbatim response.	No ICD-9 codes

Source: NBS-General Waves, Round 5

2. Industry and occupation

In section C of the questionnaire we collected information about a sample member’s current employment, and; in section D of the questionnaire we collected information about a sample member’s employment in 2014. For each job, we asked respondents to report their occupation (Items C2 and D4) and the type of business or industry (Items C3 and D5) in which they were employed. To maintain comparability with earlier rounds, we used the Bureau of Labor

Statistics's 2000 Standard Occupational Classification (SOC) to code verbatim responses to these items.[25] The SOC classifies all occupations in the economy, including private, public, and military occupations, in which work is performed for pay or profit. We classified occupations on the basis of work performed, skills, education, training, and credentials. We assigned the sample member's occupation one occupation code. The first two digits of the SOC codes classify the occupation to a major group and the third digit to a minor group. For the NBS-General Waves, we assigned three-digit SOC codes to describe the major group that the occupation belonged to and the minor groups within that classification (using the 23 major groups and 96 minor groups). We list the three-digit minor groups classified within major groups in Appendix B.

To maintain comparability with earlier rounds, we coded verbatim responses to the industry items according to the 2002 North American Industry Classification System (NAICS).[26] The NAICS is an industry classification system that groups establishments into categories on the basis of activities in which those establishments are primarily engaged. It uses a hierarchical coding system to classify all economic activity is classified into 20 industry sectors. For the NBS-General Waves, we coded NAICS industries to three digits with the first two numbers specifying the industry sector and the third specifying the subsector. (Appendix C lists the broad industry sectors.) Most Federal surveys use both the SOC and NAICS coding schemes, thus providing uniformity and comparability across data sources. Although both classification systems allow coding to high levels of specificity, SSA and the analysts decided based on research needs to limit coding to three digits.

Mathematica developed supplemental codes for responses to questions about occupation and industry that could not be coded to a three-digit SOC or NAICS code (Table V.7). As we did in the health condition coding, we performed an initial quality assurance check, per coder, for the first several cases coded and, during coding, randomly selected 10 percent of responses for review. In total, a supervisor reviewed approximately 20 percent of all coded responses, including cases that coders flagged for review because they were unable or did not know how to code them. Approximately 2 percent of all cases required recoding.

Table V.7. Supplemental codes for occupation and industry coding

Code	Label	Description
94	Sheltered workshop	Code used if occupation is in sheltered workshop and a specific occupation cannot be coded from verbatim. All industry responses for sheltered workshop are coded as 624.
95	Refused	The respondent refuses to give his/her occupation or type of business.
97	No occupation or industry reported	No valid occupation or industry is reported in the verbatim.
98	Don't know	The respondent reports that he/she does not know the occupation or industry
99	Uncodeable	A code cannot be assigned based on verbatim response.

Source: NBS-General Waves, Round 5

[25] See *Standard Occupational Classification Manual, 2000*, or http://www.bls.gov/soc , for more information.

[26] See North American Industry Classification System, 2002, or http://www.naics.com/info.htm for more information.

The data file does not include the verbatim responses provided in C2 and C3. The coded responses to C2 for each listed job are in the constructed variables C_MainCurJobSOC, C_CurJob2SOC-C_CurJob3SOC. The coded responses to C4 are in C_MainCurJobNAICS, C_CurJob2NAICS-C_CurJob3NAICS.

D. Constructed variables

To simplify the data file and assist the user, the NBS-General Waves data file required the creation of more than 300 constructed variables. We created constructed variables by combining information from two or more other sources of data to create one variable. The data file codebooks include the algorithms and specifications used to create the constructed variables.

Constructed variables are positioned to appear at the end of the section of variables from which they were created. All constructed variables begin with "C_" succeeded by a brief description of what the variable measures. (For example, "C_TotCurWkHours" measures the total weekly hours the respondent currently worked at all of the jobs he or she listed.)

For the NBS-General Waves, the constructed variables fall into several categories as described below. In Appendix G, we list the constructed variable names and their descriptions.

1. Survey administration

The first type of constructed variable includes survey administration and respondent descriptor variables. Included in this set of constructed variables are C_Rtype (indicating whether the interview was completed by the sample member or a proxy respondent), C_IntMode (CAPI or CATI interview), C_Resptype (indicating whether the interview was completed by the sample member only, the sample member with help, or a proxy only), and C_Intage (age at interview). In some cases, constructs were based on sampling variables, for example C_Cohort (sampling cohort). We positioned these constructs at the beginning of the file, prior to the questionnaire sections.

2. Logical zero

To reduce the number of legitimate missing responses originating from survey skip patterns, we constructed logical zero constructs for variables that assess the amount of income the sample member received from a variety of sources in the month prior to interview (based on K3, K7a-K7h, K12, and K15). These constructs included the amount earned from jobs last month (C_LstMnthPay), the amount received from private disability insurance (C_AmtPrivDis), worker's compensation (C_AmtWorkComp), veteran's benefits (C_AmtVetBen), public assistance (C_AmtPubAssis), unemployment (C_AmtUnemply), private pension (C_AmtPrivPen), SNAP benefits (C_AmtFoodStamp), other government programs (C_AmtOthGov), other sources on a regular basis (C_AmtOthReg), and from other sources on a nonregular basis (C_AmtOthNonReg). For example, if the respondent reported he or she did not receive private disability insurance last month (question K6a), the follow-up question asking how much private disability insurance was received (question K7a) was skipped. During data processing, such .L (logical skip) responses were recoded to $0. Thus, if the sample member reported not receiving private disability insurance the previous month, then the value of C_AmtPrivDis was "$0." We identified logical zero constructed variables in the codebook user notes.

3. Duration and amount standardization

Throughout the NBS questionnaire, respondents had the option of reporting contacts with providers, income, and expenditures in the unit of their choosing—for instance, daily, weekly, or monthly. We designed the NBS questionnaire with the expectation that allowing respondents to select the time frame (ideally, the time frame with which they were most comfortable) would improve data quality. In these situations, the amount and the unit reported by the respondent existed as two distinct variables in the survey data. For example, question C12amt asked for the amount paid on a job and C12hop, how often the amount was paid. To aid the user, we constructed variables to standardize the time frame and produced a single variable (for example, C_MainJobHrPay) in one unit. In Sections C and D, we created both hourly pay (C_MainCurJobHrPay, C_MainJobHrPay2014) and monthly pay variables (C_MainCurJobMnthPay, C_MainCurJobMnthPayTH, C_MainJobMnthPay2014, C_MainJobMnthPayTH2014). We standardized the unit of time for reporting a respondent's current job to SSA to a week (C_MainCurJobRepSSA). We standardized household income, as reported in L23Aamt and L23Ahop, to an annual unit (C_HhInc2014). We also standardized reporting units by creating variables in Section G referencing duration of visits with provider (C_DurProvVisit) and number of contacts with provider (C_NumProvCont). The NBS codebook provides the specifications used to create the variables in the construct specification notes for each variable.

4. Pathing combinations

We created other constructs to combine or summarize survey responses when answers could be provided in more than one place. For example, respondents could report current Medicare coverage at J1 when explicitly probed for this type of insurance and at J9 ("What kinds of health insurance coverage do you have?") if they reported having no current insurance at J1-J5. In this case, we created a construct that checked both J1 and J9 to determine if the respondent indicated Medicare coverage at either item (C_CurMedicare). This type of construct was created for all health insurance variables in Section J. We created similar constructs for the age at which the sample member first became limited (C_DisAge and C_AdultChildOnset), ever worked for pay (C_EvrWorked), and worked when limited (C_WrkdWhenLim).. The constructed variable code included in the codebooks provides the original questionnaire variables used to create each constructed variable.

Finally, we created several constructed variables in Section G to summarize information across providers. To facilitate the reporting of services received, respondents listed the names of places where they received various types of services (employment, job training, medical services, mental health services, and schooling). For each provider mentioned, respondents were then asked whether they received services from this provider in 2014. To consolidate the information, we created constructs to flag whether each type of service was ever received (C_EvrUseEmploy, C_EvrUsedServ) and which services were received in 2014 across providers (C_PhyTh2014-C_JobCch2014). In addition, we created constructs to flag whether services were ever received from particular types of providers (for example, C_EvrUseSVR) and whether respondents used those providers in 2014 (for example, C_UseSVR2014). We discuss the provider constructs created in Section G in more detail below.

5. Scales

We constructed variables to summarize items that were part of a pre-existing scale, including a total SF-8TM physical and mental score (C_PCS8TOT, C_MCS8TOT), a score on the CAGE alcohol scale (C_CAGEAlcohol), and a drug dependence indicator (C_DrugDep). We created a body mass index (C_BMI) construct based on height and weight.

6. Other

We created additional constructs to simplify the analysis of income data (by creating a poverty-level construct), impairments (by creating a series of variables to identify the number of ADL, IADL, physical, emotional, other impairment types), and job information (by collapsing information across jobs).

E. SSA administrative data

Mathematica received administrative data from SSA for the purposes of selecting the sample; contacting, locating, and verifying sample members; and to fill information or drive instrument pathing in the survey instrument. Neither the Restricted Use nor the Public Use Files include personally identifying information received from SSA (for example, Social Security number, name, address, telephone number). Key items that were used for the creation of sampling strata and those that were used to dictate pathing in the instrument are included. These variables begin with "OrgSampInfo" to indicate that they are original sample file variables.

Given that the questionnaire did not ask respondents for the SSA benefit amount received last month, we retrieved such information from SSA administrative variables and incorporated it into the monthly income variables (C_AmtOthReg, C_TotGovCashBen). We appended to the Public Use File additional administrative variables from the SSA records to enable more comprehensive data analysis. The data retain their original names and are included at the end of the file. All administrative variables begin with "N_" succeeded by a brief description of what the variable measures.

F. Public use variables

We edited some data to ensure the confidentiality of survey respondents for the Public Use File. File editing excluded variables containing information that could potentially be used either directly or indirectly to identify a sample member; we then constructed new variables to mask extreme or rare values and populations. Using SSA's Disclosure Review Board guidelines, we developed encryption and masking algorithms to maximize the analytic value of the data while maintaining acceptable confidentiality for program participants. We then created variables for the Public Use File to mask identifying questionnaire data. Such constructs end with a PUB and replace the original survey item in the Public Use File. These variables are also included on the Restricted Use File.

1. Variable exclusion

To minimize the likelihood of indirect identification of a sample member, we deleted variables that could identify residents of smaller geographic areas or sample members with rare attributes (outliers). We paid particular attention to variables associated with fewer than 100 sample members distinguished by a given characteristic (small cell sizes). We also simplified the

file by dropping variables with little analytic value, including survey administration variables, source variables with corresponding imputed versions, imputation flags, source variables summarized in a constructed variable. In addition, we dropped data elements with quality problems that would reduce the elements' analytic value. We also dropped SSA administrative data appended to the Restricted Use File; in their place, we masked certain key administrative variables and added them to the file as new constructs. In Appendix H, we list all variables dropped or replaced and the reason for the exclusion; in Appendix B, we list all variables included on and dropped from the Public Use File.

2. Masking and constructing new variables

We assessed the remaining variables for their confidentiality disclosure risk. When survey questions identified relatively rare populations, we constructed a new variable to combine small groups into larger groups. For many variables that posed a potential risk, constructed variables summarizing the information already existed on the file. When constructed variables did not exist, Mathematica prepared masking algorithms that maximized their analytic value while maintaining acceptable confidentiality for the program participants. Masking algorithms included top and bottom coding of continuous variables, rounding, collapsing continuous variables into categories, and combining responses for categorical variables. We assigned these Public Use File constructs the same variable name as the source variable and ended the constructs with PUB to indicate their creation for the Public-Use Data File. In Appendix I, we provide a complete list of all variables edited for confidentiality with a brief description of the re-code. We also included descriptions of the specific re-codes and construct specifications for each variable in the codebook.

G. Additional details on selected constructed variables

1. Jobs held in 2014

In Section C (Current Employment), we collected job-related information for each job held at the time of interview. In Section D (Jobs/Other Jobs in 2014), we collected information for any other jobs held in 2014 not already reported in Section C. Data for each job are represented on the Restricted Use data file with an _n indicating which job the data are in reference to (for example, D6mth_1 indicating month started first job held in 2014, D6mth_2 indicating month started second job held in 2014, and so on). In both sections, respondents were asked to report first on their main job, that is, the job at which they worked the most hours, and then to subsequently report on other jobs held. To reduce respondent burden, we did not ask respondents to report on any jobs held during 2014 that had previously been mentioned in section C as current employment. Rather, during data processing for all current jobs also held during 2014 (Table V.8), we copied employment data from Section C to Section D. We coded items in Section D with no equivalent in Section C (D8mth, D8yr, and D23) as .L (logical skip).

Table V.8. Job variables in Sections C and D

Variable in C	Variable in D	Variable description
C2	D4	Occupation
C3	D5	Industry
C4mth, C4yr	D6mth, D6yr	Start month and year of job
No equivalent item	D8mth, D8yr	Stop month and year of job
C6	D14	Self-employed status
C7	D15	Sheltered workshop status
C8	D16	Hours usually worked per week
C9	D17	Weeks usually worked per year
C10	D18	Paid by the hour
C11	D19	Hourly pay
C12amt, C12hop	D20amt, D20hop	Amount of pre-tax pay
C13amt, C13hop	D21amt, D21hop	Amount of post-tax pay
No equivalent item	D23_1 through D23_22	Reasons for stopping work

Source: NBS-General Waves, Round 5

a. Including current jobs held in 2014 in Section D

Jobs mentioned in Section C were defined as held in 2014 if C4yr (year started current job) was earlier than or equal to 2014 and the job held in 2014 was held for longer than one month. We copied each applicable job from Section C into the first blank job slot in Section D (for example, copied into D6mth_2 if D6mth_1 already contained data and into D6mth_3 if both D6mth_1 and D6mth_2 already contained data). The variables C_job_from_SecC_1 through C_job_from_SecC_4 are included on the Restricted Use File to indicate which jobs from Section C (by job number) were copied into specific Section D job slots.

b. Determining main job held in 2014

In addition to copying job data from Section C to Section D, we had to determine which job held in 2014 was the main job. Before including the jobs from Section C, we stored the main job held in 2014 as job 1. Because it was possible that a job reported in Section C was the respondent's main job in 2014, we compared hours worked in 2014 on each job with the first job mentioned in Section D once the jobs from Section C were incorporated. We considered as the main 2014 job the job with the greatest number of hours per year (numbers of hours per week multiplied by number of weeks per year).[27] The variable Main_Job_grid_num identifies the job number of the main job held in 2014 after this analysis.

[27] If hours per year could not be calculated because of missing data on either number of hours per week or number of weeks per year, we coded it as missing. If hours per year were missing for all 2014 Section C jobs, we counted job 1 in Section D as the main job in 2014. If no jobs were listed in Section D and hours per year were missing for all 2014 jobs in Section C, we counted the first job listed in Section C that was a 2014 job as the main job in 2014. If hours per year were missing for job 1 in Section D, we counted the Section C job with most hours per year as the main 2014 job. If there was no 2014 job from Section C or hours per year were missing for all Section C 2014 jobs, we counted job 1 in Section D as the main 2014 job. If hours per year were missing for all 2014 Section C jobs and from job 1 in Section D, we counted job 1 in Section D as the main job in 2014.

We used the main 2014 job to create a series of variables ending with _m to represent each job- specific item listed in Table V.8 for the main job held in 2014 (for example D6mth_m and D6yr_m). It is important to note that, in creating the variables ending with _m, we did not delete from the job_1-job_5 variables any information related to the main job. For example, for a case in Section D listing three jobs (after copying relevant jobs from Section C) where the second job is determined to be the main job, both D8_m and D8_2 provide information related to hours worked on this job. Therefore, _m jobs should not be counted as additional jobs. The Public Use File includes only the main job variables (_m) for jobs held in 2014.

For purposes of the constructed variables created in this section, we created separate constructs for each job mentioned (job 1, job 2, and so on). We created additional constructs for the main job (C_MainJob2014SOC, C_MainJob2014NAICS, C_MainJobHrPay2014, C_MainJobMnthPay2014, C_MainJobMnthPayTH2014, and C_MnthsMain2014Job) as identified by the variable Main_Job_grid_num. As stated above, information in the main job constructs is replicated in one of the other job slots on the Restricted Use File and does not represent an additional job.

2. Service providers

In section G, we asked respondents to discuss employment-related services and supports they received in 2014. To aid in the recall of such services, we first asked respondents if they had ever received employment services, job training, medical services, or counseling to improve their ability to work or live independently. For each service type, respondents could list up to eight providers or places where they received services (at G2, G11, G16, G20). We then collected provider type for each provider mentioned. To minimize respondent burden by avoiding the need to ask provider type again if a provider was listed under two or more services, interviewers could indicate that a provider had already been mentioned, thus skipping the provider type follow-up questions. Once they listed providers, respondents were asked when they last received services from each provider. We then asked follow-up questions regarding specific services received, number of visits, duration of visits, cost of services, and usefulness of services received in 2014 for each provider from whom services were received in 2014.

We stored data for each specific provider mentioned in a grid using the convention _n (1-34) to indicate data associated with each provider. We stored providers mentioned under G2 (employment services received) in slots _1-_10, providers mentioned under G11 (job training) in slots _11-_18, providers mentioned under G16 (medical services) in slots _19-_26, and providers mentioned under G20 (therapy or counseling) in slots _27-_34. We maintained this convention throughout the section so that data associated with the second provider listed under G2 (_2) are always found in the _2 variables (for example G33_2) and data associated with the second provider listed under G11 (_12) are found in the _12 variables (for example G33_12).

To simplify Section G for purposes of analyses, we created a series of constructed variables. We first assigned each provider a code (C_ProvType2014_1-_34) indicating the type of provider delivering services (see the NBS codebook for detailed construct specifications). We also created constructs to identify services received from each provider (for example, C_PhyTh2014_1-_34, C_OccTh2014_1-_34, and so on), the duration of the visit with each provider (C_DurProvVisit_1-C_DurProvVisit_34), the number of contacts with each provider (C_NumProvCont_1-C_NumProvCont_34), and the usefulness of services received from each

provider (C_ProvUse2014_1-C_ProvUse2014_34). We then created variables to classify providers by type so that we could develop a list of providers and services received by provider type. For example, if the first provider mentioned by the respondent was an SVRA, we considered such provider the first SVRA provider (C_Provtype2014_01_1), with _01 indicating provider type 1 (SVRA) and _1 indicating first provider of this type mentioned. If the second provider was a mental health provider, we considered the provider the first mental health provider (C_Provtype2014_03_1). If the third provider was another SVRA, we considered the provider the second SVRA provider (C_Provtype2014_01_2). We then linked these variables to data pertaining to specific services received, payment of services, and duration and usefulness of visits mentioned above (for example, C_Phyth2014_01_1 indicating that physical therapy was received by the first SVRA provider). In Table V.9, we list the classification of provider types.

Table V.9. Numeric values associated with provider types

Provider type	Description
1	SVRA
2	Welfare agency
3	Mental health agency
4	Other state agency
5	Private business
6	Other non-state agency
7	School
8	Unemployment office
9	Unknown employment/training
10	Clinic/hospital/physician
11	Rehabilitation treatment center
12	Other medical/mental health provider
13	Unknown medical/mental health provider

Source: NBS, General Waves Round 5

We created additional constructs that summarized provider types across services, for example, C_EvrUseSVR (indicating that the sample member ever used an SVRA) and C_UseSVR2014 (indicating that an SVRA was used in 2014), as well as specific services received across providers, for example, C_PHYTH2014 (received physical therapy in 2014), C_OCCTHER2014 (received occupational therapy in 2014), and so on.

The Public Use File does not provide source variables and intermediary constructs related to the data collection grid (_1-_34). Given small cell sizes, we combined welfare agency (type = 2), other nonstate agency (type = 6), and unemployment office providers (type = 8) with provider type other state agency (type = 4). We dropped provider type = 9 (unknown employment provider) and type = 13 (unknown medical provider). For the Public-Use Data File, we dropped second and third providers for many provider types because of small cell sizes.

VI. SAMPLING WEIGHTS

We determined the final analysis weights for the representative beneficiary sample (RBS) via a four-step process:

1. Calculate the initial probability weights
2. Adjust the weights for two phases of nonresponse (location and cooperation)
3. Trim the weights to reduce the variance
4. Conduct post-stratification

In Section A, we summarize the procedures used to compute and adjust the sampling weights. In Section B, we describe the procedures for computing the weights for the RBS in more detail.

A. Computing and Adjusting the Sampling Weights: A Summary

The sampling weights for any survey are computed from the inverse selection probability that incorporates the stages of sampling in the survey. We selected the RBS in two stages by (1) selecting primary sampling units (PSUs) and (2) selecting the individuals within the PSUs from a current database of beneficiaries.[28] For the first four rounds, we selected PSUs only once (in 2003, prior to the first round). By using data from SSA on the counts of eligible beneficiaries in each county, we formed 1,330 PSUs, each of which consisted of one or more counties. The first-stage sampling units in Round 5 of the NBS–General Waves were selected from the same list of PSUs.[29] The PSUs selected in this round will be the first-stage sampling units for all subsequent rounds. We selected 79 of these PSUs, with 2 PSUs—Los Angeles County, California, and Cook County, Illinois—acting as certainty PSUs because of their large size.[30] The Los Angeles PSU received a double allocation because it deserved two selections based on its size relative to other PSUs. The sample of all SSA beneficiaries was selected from among beneficiaries residing in these 79 PSUs. The Los Angeles County and Cook County PSUs had a much larger number of beneficiaries than other counties. Therefore, we partitioned them into a large number of secondary sampling units (SSUs) based on beneficiary zip codes.[31] From these SSUs, we

[28] In two primary sampling units (PSUs), we used an intermediate stage for sampling of secondary sampling units (SSUs). For the sake of simplicity, these SSUs are generally equivalent to PSUs in this description.

[29] Because the geographical distribution of beneficiaries changed little between 2003 and 2014, we kept the same set of 1,330 PSUs that were created for the first four rounds. Although the set of PSUs from which to sample did not change from the first four rounds to the fifth round of the NBS, we selected a new set of sampled PSUs in round 5 using a measure of size for each PSU based on the most current counts of beneficiaries.

[30] Los Angeles County includes the city of Los Angeles; Cook County includes the city of Chicago.

[31] We used the same process for creating and selecting SSUs as we did for the PSUs. Furthermore, we used the same list of SSUs in this round of the current NBS as those created in 2003 for the prior NBS rounds. But we selected a new set of SSUs for the sample by using a measure of size for each SSU that was based on the most current counts of beneficiaries.

selected four SSUs from the Los Angeles County PSU and two from the Cook County PSU.[32] Beneficiaries were selected from the PSUs or SSUs by using age-defined sampling strata. In total, we selected SSA beneficiaries from 83 locations (77 PSUs and 6 SSUs) from across the 50 states and the District of Columbia. In the remainder of this document, we refer to this set of 83 locations as PSUs.

We sampled beneficiaries in the selected PSUs who were in active pay status as of June 30, 2014.[33] We used four age-based strata in each PSU. In particular, we stratified beneficiaries into the following age groups: (1) 18- to 29-year-olds, (2) 30- to 39-year-olds, (3) 40- to 49-year-olds, and (4) 50-year-olds and older. Because we used a composite size measure to select the PSUs, we could achieve equal probability samples in the age strata and nearly equal workload in each PSU for the RBS.[34]

For the initial beneficiary sample, we selected more individuals than we expected to need in order to account for differential response and eligibility rates in both the PSUs and the sampling strata. We randomly partitioned this augmented sample into subsamples (called "waves") and used some of the waves to form the actual final sample (that is, the sample released for data collection). We released an initial set of waves and then monitored data collection to identify which PSUs and strata required additional sample members. After we released sample members in the initial waves, we were able to limit the number of additional sample members (in subsequently released waves) to those PSUs and strata that required them. Thus, we achieved sample sizes close to our targets while using the smallest number of beneficiaries. Controlling the release of the sample also allowed us to control the balance between data collection costs and response rates. We computed the initial sampling weights based on the inverse of the selection probability for the augmented sample. Given that we released only a subset of the augmented sample, we then adjusted the initial sampling weights for the actual sample size. The release-adjusted weights were post-stratified to population totals that were obtained from SSA.[35] In this report, these release-adjusted sampling weights are referred to as the base weights.

We then needed to adjust the base weights for nonresponse. A commonly used method for computing weight adjustments is to form classes of sample members with similar characteristics and then use the inverse of the class response rate as the adjustment factor in that class. The adjusted weight is the product of the base weight and the adjustment factor. One would form the

[32] It was possible for a beneficiary to reside in one of the selected PSUs (Los Angeles County or Cook County) and not be selected because the beneficiary did not reside in one of the selected SSUs.

[33] We included beneficiaries with selected nonpayment status codes only if the denial variable was blank. Beneficiaries who were found to be deceased, incarcerated, no longer living in the continental United States, or who reported that they had not received benefits in the past five years at the time of the interview, were marked as ineligible during the data collection period. The proportion of cases marked as ineligible during data collection (4 percent) was lower than the ineligibility rates obtained in the prior NBS rounds (6 percent in Round 4, 6.4 percent in Round 3, 5.6 percent in Round 2, and 5.1 percent in Round 1). The impact on yield rates was negligible.

[34] The composite size measure was computed from the sum of the products of the sampling fraction for a stratum and the estimated count of beneficiaries in that stratum and PSU (Folsom et al. 1987).

[35] The totals were obtained from a frame file provided by SSA that contained basic demographics for all SSI and SSDI beneficiaries.

"weighting classes" to ensure that there would be sufficient counts in each class to make the adjustment more stable (that is, to ensure smaller variance). The natural extension to the weighting class procedure is to perform logistic regression with the weighting class definitions used as covariates, provided that each level of the model covariates has a sufficient number of sample members to ensure a stable adjustment. The inverse of the propensity score is then the adjustment factor. The logistic regression approach also has the ability to include both continuous and categorical variables; standard statistical tests are available to evaluate the selection of variables for the model. For the nonresponse weight adjustments (at both the location and cooperation stages), we used logistic models to estimate the propensity for a sample member to respond. The adjusted weight for each sample case is the product of the base weight and the adjustment factor.

We calculated the adjustment factor in two stages: (1) by estimating a propensity score for locating a sample member and (2) by estimating a propensity score for response among these located sample members. In our experience with the NBS, factors associated with the inability to locate a person tend to differ from factors associated with cooperation. The unlocated person generally does not deliberately avoid or otherwise refuse to cooperate. For instance, that person may have chosen not to list his or her phone number or may frequently move from one address to another, but there is no evidence to suggest that once located he or she would show a specific unwillingness to cooperate with the survey. Located nonrespondents, on the other hand, may deliberately avoid the interviewer or express displeasure or hostility toward surveys in general or toward SSA in particular.

To develop the logistic propensity models for this round, we used as covariates information from the SSA data files as well as geographic information (such as urban or rural region). We obtained much of the geographic information from the Area Health Resource File (AHRF 2014), a file with county-level information on population, health, and economic-related matters for every county in the United States. By using a liberal level of statistical significance (0.3) in forward and backward stepwise logistic regression models, we made an initial attempt to reduce the pool of covariates and interactions. We used a higher significance level because each model's purpose was to improve the estimation of the propensity score, not to identify statistically significant factors related to response. In addition, the information sometimes reflected proxy variables for some underlying variable that was both unknown and unmeasured. We excluded from the pool any covariate or interaction that was clearly unrelated to locating the respondent or to response propensity. Given that the stepwise logistic regression analysis does not fully account for the complex survey design, we developed the final weighted models by using SUDAAN software, which accounts appropriately for the complex sample design.

The next step called for the careful evaluation of a series of models by comparing the following measures of predictive ability and goodness of fit: the R-squared statistic, Akaike's Information Criterion (AIC)[36], the percentage of concordant and discordant pairs, and the

[36] Akaike's Information Criterion is defined as AIC = $-2LogL + 2(k + s)$, where $LogL$ is the log likelihood of the binomial distribution using the parameters from the given model, k is the total number of response levels minus 1, and s is the number of explanatory effects (Akaike 1974). AIC is a relative number and has no meaning on its own. For a given model, smaller values of AIC are preferable to larger values.

Hosmer-Lemeshow Goodness-of-Fit Test. Model-fitting also involved reviewing the statistical significance of the coefficients of the covariates in the model and avoiding any unusually large adjustment factors. In addition, we manipulated the set of variables to avoid data warnings in SUDAAN.[37] We then used the specific covariate values for each located person to estimate the propensity score, from which the adjustment factor was determined by taking the inverse. When computing the adjustment factors, we reviewed their distribution to identify and address any adjustment factors that were outliers (very large or very small relative to other adjustment factors). The location-adjusted weight is the product of the released-adjusted probability weight and the location adjustment. The nonresponse-adjusted weight is the product of the location-adjusted weight and the inverse of the cooperation propensity score, calculated in the same manner as the location propensity score.

Once we made the adjustments, we assessed the distribution of the adjusted weights for unusually high values, which could make the survey estimates less precise. We used the design effect attributed to the variation in the sampling weights as a statistical measure to determine both the necessity and amount of trimming. The design effect attributed to weighting is a measure of the potential loss in precision caused by the variation in the sampling weights relative to a sample of the same size with equal weights. We also wanted to minimize the extent of trimming to avoid the potential for bias in the survey estimates. For the RBS, we checked the design effect attributable to unequal weighting within the age-related sampling strata and determined that no further trimming of the adjusted weights was required. The maximum design effect among all age strata in the RBS was 1.08.

The final step is a series of post-stratification adjustments through which the weights sum to known totals obtained from SSA on various dimensions—specifically, gender, age grouping, program title,[38] and five categories of annual earnings from the Disability Control Files (DCF) of 2013 and 2014.[39] After post-stratification, we checked the survey weights again to determine whether more trimming was needed. In this round, trimming was not needed after post-stratification in the RBS. In a nonresponse bias analysis (Grau et al. 2017) we found that the nonresponse adjustment to the weights alleviated all known systematic differences between respondents and nonrespondents in the beneficiary sample.

[37] SUDAAN data warnings usually included one or more of the following: (1) an indication of a response cell with a zero count; (2) one or more parameters approaching infinity, which may not be readily observable with the parameter estimates themselves; and (3) degrees of freedom for overall contrast that were less than the maximum number of estimable parameters. We tried to avoid all of these warnings, although avoidance of the first two was of highest priority. The warnings usually were caused by a response cell with a count that was too small, which required dropping covariates or collapsing categories in covariates.

[38] Disability payments were made in the form of SSI or SSDI or both.

[39] This was an attempt to address small negative bias in annual earnings, which was observed in past rounds. The 2013 data was used because of a lag in identifying earnings in the 2014 data, which did not have complete information on the amount of earnings that beneficiaries received in that year.

Quality Assurance

To ensure that the methods used to compute the weights at each step were sound, a senior statistician conducted a final quality assurance check of the weights from the representative beneficiary cross-sectional samples. For the sake of objectivity, we chose a statistician who was not directly involved in the project.

B. Details of Calculation of Weights

1. Base Weights

We computed the initial sampling weights by using the inverse of the probability of selection. For the RBS, we selected samples independently in each of four age strata in each PSU. We determined the number of sample members selected in each stratum and PSU for the augmented sample by independently allocating four times the target sample size across the 83 PSUs for each stratum,[40] thereby ensuring the availability of ample reserve sample units in case response or eligibility rates were lower than expected. The augmented sample size for the three younger age strata (18- to 29-year-olds, 30- to 39-year-olds, and 40- to 49-year-olds) was 4,444 sample members (roughly four times the target sample size of 1,111). For beneficiaries age 50 and older, the augmented sample size was 2,667 (again, about four times the target sample size of 667). By using the composite size measure already described, we calculated the initial weights for the full augmented sample of 15,999 sample members by taking the inverse of the global sampling rate (Fj) for each stratum. In Table VI.1, we provide the global sampling rates and initial weights, as well as the sizes of the population, augmented sample, and released sample.

Table VI.1. Study population (as of June 30, 2014), Initial augmented sample sizes, and initial weights by sampling strata in the national beneficiary survey

Sampling Strata (ages as of June 30, 2015)	Study Population	Augmented Sample Size	Global Sampling Rate (*Fj*)	Initial Sample Weights	Released Sample
Beneficiaries age 18 to 29	1,415,739	4,444	0.003139	318.57	2,268
Beneficiaries age 30 to 39	1,453,588	4,444	0.003057	327.09	2,126
Beneficiaries age 40 to 49	2,373,419	4,444	0.001872	534.07	2,076
Beneficiaries age 50 to FRA	8,566,947	2,867	0.000335	2,988.1	1,212
Total	**13,809,693**	**15,999**			**7,682**

Source: Study population counts are from SSA administrative CERs and DBADs files. SSA determined the number of complete interviews based upon recommendations from Mathematica.

FRA = full retirement age.

As described previously, we randomly partitioned the full sample into subsamples called "waves" that mirrored the characteristics of the full sample. The waves were formed in each of

[40] We selected an augmented sample that was four times as large as needed in order to allow for both an adequate supplemental sample in all PSUs and sampling strata within the PSUs and to account for expected variation in the response and eligibility rates across PSUs and sampling strata.

the four sampling strata in the 83 PSUs (a total of 332 combinations of PSUs and sampling strata). At the start of data collection, we assigned a preliminary sample to the data collection effort and then assigned additional waves as needed, based on experience with eligibility and response rates. Within the 332 combinations of PSUs and sampling strata, we adjusted the initial weights to account for the number of waves released to data collection. The final sample size for the RBS totaled 7,682 beneficiaries, as shown in Table VI.1.

2. Response Rates and Nonresponse Adjustments to the Weights

As in virtually all surveys, we had to adjust the sampling weights to compensate for sample members who could not be located or who, once located, refused to respond. First, we fitted weighted logistic regression models where the binary response was whether the sample member could be located. Using variables obtained from SSA databases, we selected, through stepwise regression, a pool of covariates from which to construct a final location model. The pool included both main effects and interactions. From the pool of covariates, we used various measures of goodness of fit and predictive ability to compare candidate models while avoiding large adjustments. We repeated the process for interviewed respondents among the located sample members and fitted another weighted logistic regression model. The two levels in the binary response for this cooperation model were respondent or nonrespondent. For the RBS, a sample member was classified as a cooperating respondent if the sample member or the person responding for the sample member completed the interview (that is, an eligible respondent) or if the sample member was deemed ineligible after sample selection (an ineligible respondent). Ineligible sample members included persons who were never SSA beneficiaries, were in the military at the time of the survey, were incarcerated, had moved outside the United States, or were deceased at the time of the survey. After adjusting the sampling weight by taking the product of the base weight, the location adjustment, and the cooperation adjustment, we checked the distribution of the adjusted weights within each age category and trimmed the weights to remove outliers from the distribution, reallocating the trimmed portion of the outlier weights to other weights within the same age category.

Based on the above procedures, the main factors or attributes affecting our ability to locate and interview a sample member included (1) the sample member's personal characteristics (race, ethnicity, gender, and age); (2) the identity of the payee with respect to the beneficiary; (3) whether the beneficiary and the applicant for benefits lived in the same location; (4) how many phone numbers or addresses were in the SSA files for the beneficiary; (5) the living situation of the beneficiary; and (6) geographic characteristics, including attributes of the county where the beneficiary lived. The following sections detail the steps involved in calculating response rates and adjusting weights for nonresponse.

a. Coding of Survey Dispositions

The Mathematica Survey Management System maintained the status of each sample member during the survey, with a final status code assigned after the completion of all locating and interviewing efforts on a given sample member or at the conclusion of data collection. For the nonresponse adjustments, we classified the final status codes into four categories:

1. Eligible respondents

2. Ineligible respondents (sample members ineligible after sample selection, including deceased sample members, sample members in the military or incarcerated, sample members living outside the United States, and other ineligibles)
3. Located nonrespondents (including active or passive refusals and language barrier situations)
4. Unlocated sample members (sample members who could not be located through either central office tracing procedures or in-field searches)

This classification of the final status code allowed us to measure the location rate among all sample members, the cooperation rate among located sample members, and the overall response rate.

b. Response Rates

The 62.6 percent response rate for the RBS (Table VI.2) is the weighted[41] count of sample members who completed an interview or were deemed ineligible divided by the weighted sample count of all sample members.[42] It can be approximated by taking the product of the weighted location rate and the weighted cooperation rate among located sample members.[43]

The weighted location rate is the ratio of the weighted sample count for located sample members to the weighted count of all sample members, which was 88 percent (Table VI.2). The weighted cooperation rate (that is, the weighted cooperation rate among located sample members) of 71 percent (Table VI.2) is the weighted count of sample members who completed an interview or were deemed ineligible divided by the weighted sample count of all located sample members. Weighted cooperation rates reflect the rate at which completed interviews are obtained from repeated contact efforts among located persons.

[41] This response rate is calculating using the base weight, also referred to as the release-adjusted sampling weight.

[42] The response rate is calculated as the weighted count of sample members who completed an interview or were deemed ineligible divided by the weighted sample count of all sample members: (number of completed interviews + number of partially completed interviews + number of ineligibles)/(number of cases in the sample). The response rate is essentially equivalent to the American Association of Public Opinion Research (AAPOR) standard response rate calculation, assuming that all nonrespondents have unknown eligibility status: RR_{AAPOR} = number of completed interviews/(number of cases in the sample - estimated number of ineligible cases). Ineligible cases are included in the numerator and denominator for two reasons: (1) the cases classified as ineligible are part of the original sampling frame (and hence the study population) and we obtained complete information for fully classifying these cases (that is, their responses to the eligibility questions in the questionnaire are complete) such that we may classify them as respondents; and (2) incorporation of the ineligibles into the numerator and denominator of the response rate is essentially equivalent to the definition of a more conventional response rate, assuming that all nonrespondents have unknown eligibility status.

[43] This product is not exactly equal to the weighted response rate, since the location rate is calculated using the base weight, and the cooperation rate among located cases is calculated using the location-adjusted base weight.

Table VI.2. Weighted location, cooperation, and response rates for representative beneficiary sample, by selected characteristics

	Sample	Located Sample		Response Among Located Sample		Overall Respondents
	Count	Count	Location Rate	Count	Cooperation Rate	Response Rate
All	**7,682**	**6,446**	**87.9**	**4,359**	**71.0**	**62.6**
SSI Only, SSDI Only, or Both SSI and SSDI						
SSI only	3,196	2,603	85.6	1,749	69.1	59.2
SSDI only	3,034	2,611	89.3	1,748	71.2	63.8
Both SSI and SSDI	1,452	1,232	87.4	862	73.8	64.6
Constructed Disability Status						
Deaf	83	68	76.9	44	49.3	37.6
Cognitive disability	1,542	1,297	86.5	867	67.1	58.1
Mental illness	2,896	2,363	85.3	1,574	70.4	60.1
Physical disability	2,987	2,584	89.8	1,798	72.8	65.5
Unknown	174	134	86.6	76	57.6	50.0
Beneficiary's Age (four categories)						
18 to 29	2,268	1,820	81.6	1,240	69.0	56.5
30 to 39	2,126	1,762	84.0	1,168	67.8	57.1
40 to 49	2,076	1,779	86.3	1,186	68.2	59.0
50 and older	1,212	1,085	90.1	765	72.6	65.5
Sex						
Male	4,083	3,395	86.7	2247	69.5	60.4
Female	3,599	3,051	89.2	2112	72.5	64.8
Ethnicity (Hispanic or not)						
Hispanic	380	310	88.2	213	73.3	64.7
Non-Hispanic	5,904	5,003	88.2	4,146	70.9	62.6
Race						
White	3,906	3,320	88.5	2,225	70.7	62.8
Black	1,645	1,376	87.3	949	71.5	62.5
Hispanic	380	310	88.2	213	73.3	64.7
Unknown	1,649	1,349	86.2	910	70.9	61.3
Asian American, Pacific Island American,	77	70	92.4	46	68.1	62.7
American Indian, or Alaska Native	25	21	92.6	16	71.6	67.6
Living Situation						
Living alone	4,057	3,347	86.6	2,278	70.7	61.3
Living with others	330	286	86.9	204	75.8	66.3
Living with parents	125	93	78.6	52	59.9	48.6
In institution or unknown	52	48	93.0	30	58.6	55.1
Did the Applicant for Benefits Live in the Same ZIP Code as the Beneficiary?						
No	852	669	80.5	428	63.7	51.1
Yes	5,095	4,315	88.1	2,990	72.9	64.3
No information	1,735	1,462	89.4	941	69.2	62.0

TABLE VI.2 (*continued*)

	Sample	Located Sample		Response Among Located Sample		Overall Respondents
	Count	Count	Location Rate	Count	Cooperation Rate	Response Rate
Identity of the Payee with Respect to the Beneficiary						
Beneficiary received payments directly	330	270	83.6	187	71.1	59.2
Payee is a family member	2,319	1,951	86.9	1,334	70.2	61.0
Payee is an institution	365	303	84.6	180	63.7	54.3
Other	4,668	3,922	88.5	2,658	71.5	63.4
Count of Phone Numbers in File						
Only one phone number in file	660	580	89.7	396	66.2	59.4
Two phone numbers in file	1,142	975	91.0	658	72.1	65.9
Three phone numbers in file	1,516	1,318	90.3	911	71.8	64.8
Four phone numbers in file	1,497	1,271	89.4	881	73.1	65.4
Five phone numbers in file	1,185	971	86.2	667	72.4	62.4
Six or more phone numbers on file	1,674	1,326	82.4	841	67.6	55.8
Count of Addresses in File						
One address in file	780	719	94.9	508	73.9	70.2
Two addresses in file	1,411	1,243	92.0	872	71.3	65.5
Three addresses in file	1,596	1,355	89.1	935	71.9	64.3
Four addresses in file	1,510	1,253	86.4	824	69.5	60.1
Five or more addresses in file	2,382	1,876	83.5	1,220	70.3	58.9
Census Region						
Midwest	1,581	1,389	91.8	966	75.8	69.7
Northeast	1,490	1,258	88.6	814	67.2	59.6
South	3,127	2,583	86.9	1,820	72.2	62.8
West	1,484	1,216	85.3	759	66.3	56.7
Census Division						
East North Central	1,082	950	92.1	657	76.6	70.7
East South Central	719	597	88.6	436	72.1	63.9
Middle Atlantic	1,091	932	89.4	596	66.2	59.3
Mountain	454	366	87.0	258	75.4	65.9
New England	399	326	86.2	218	70.1	60.6
Pacific	1,030	850	84.5	501	61.7	52.3
South Atlantic	1,479	1,222	87.5	840	72.3	63.4
West North Central	499	439	91.0	309	73.6	67.2
West South Central	929	764	84.5	544	72.2	61.1
Metropolitan Status of County						
Metropolitan areas with population of 1 million or more	3,621	3,070	87.7	1,963	66.1	58.1
Metropolitan areas with population of 250,000 to 999,999	2,048	1,700	87.1	1,173	74.3	64.9
Metropolitan areas with population of fewer than 250,000	915	763	89.4	549	72.9	65.2
Nonmetropolitan areas adjacent to large metropolitan areas	252	220	88.9	162	79.5	71.1

TABLE VI.2 (*continued*)

	Sample	Located Sample		Response Among Located Sample		Overall Respondents
	Count	Count	Location Rate	Count	Cooperation Rate	Response Rate
Nonmetropolitan areas adjacent to medium or small metropolitan areas	604	490	88.0	362	77.2	68.0
Nonmetropolitan areas not adjacent to metropolitan areas	242	203	90.4	150	76.7	69.4
County with Low Education						
Yes	938	770	85.2	490	68.7	58.6
No	6,744	5,676	88.3	3,869	71.3	63.1
County with Housing Stress						
Yes	3,094	2,563	85.4	1,616	65.8	66.3
No	4,588	3,883	89.4	2,743	73.9	64.5
Population Loss County						
Yes	395	335	89.3	221	72.1	64.5
No	7,287	6,111	87.9	4,138	70.9	62.5
Retirement Destination County						
Yes	1,139	963	88.8	665	72.4	64.5
No	6,543	5,483	87.8	3,694	70.7	62.2
Service-Dependent Economy County						
Yes	3,207	2,683	86.8	1,742	66.5	57.7
No	4,475	3,763	88.7	2,617	73.9	65.8
Nonspecialized-Dependent Economy County						
Yes	2,013	1,707	89.7	1,176	74.2	66.8
No	5,669	4,739	87.3	3,183	69.8	61.1
Government-Dependent Economy County						
Yes	865	718	87.0	481	69.0	60.2
No	6,817	5,728	88.1	3,878	71.2	62.9
County Racial/Ethnic Profile						
County with at least 90% non-Hispanic white population	758	657	91.6	453	74.7	68.6
County with plurality or majority Hispanic population	685	569	85.2	358	66.3	56.4
County with majority but fewer than 90% non-Hispanic white population	3,468	2,920	88.4	2,002	72.9	64.6
County with a racially/ethnically mixed population, no majority group	2,561	2,134	87.2	1,438	68.5	59.8
County with plurality or majority non-Hispanic black population	210	166	82.6	108	67.6	55.9
DCF Earnings Category[a]						
Beneficiary with monthly DCF earnings above SGA[b] for three consecutive months in 2013 or 2014	101	85	83.1	49	59.8	50.6
Beneficiary with annual DCF earnings above $7,000 in 2013 or 2014	185	155	90.8	96	67.0	61.0
Beneficiary with annual DCF earnings above $2,000 in 2013 or 2014	289	248	89.1	158	70.6	63.3

TABLE VI.2 (*continued*)

	Sample	Located Sample		Response Among Located Sample		Overall Respondents
	Count	Count	Location Rate	Count	Cooperation Rate	Response Rate
Beneficiary with annual DCF earnings above $0 in 2013 or 2014	342	297	90.5	195	71.9	65.6
Beneficiary with no annual DCF earnings in 2013 or 2014	6,765	5,661	87.8	3,861	71.1	62.4

Source: NBS–General Waves Round 5.

[a]The DCF earnings categories are subdivided sequentially. In other words, the second category excludes those who were in the first category; the third excludes those that are in the first or second category, and so on.

[b]Non-blind substantial gainful activity, or $1,070 in 2014 and $1,040 in 2013.

We use the weighted rates because (1) the sampling rates (therefore, the sampling weights) vary substantially across the sampling strata (as seen in Table VI.1) and (2) the weighted rates better reflect the potential for nonresponse bias. The weighted rates represent the percentage of the full survey population for which we were able to obtain information sufficient for use in the data analysis or in determining ineligibility for the analysis.

c. Factors Related to Location and Response

In addition to overall response rate information, Table VI.2 provides information for factors that were considered for use in the location and cooperation models. The table displays the unweighted counts of all sample members, counts of located sample members, and counts of sample members who completed an interview or who were deemed ineligible. We also include in the table the weighted location rate, the weighted cooperation rate among located sample members, and the weighted overall response rate for these factors, which helped inform the decision about the final set of variables to be used in the nonresponse adjustment models.

d. Propensity Models for Weight Adjustments

Using the main effects already described as well as selected interactions, we developed response propensity models to determine the nonresponse adjustments. To identify candidate interactions from the main effects for the modeling, we first ran a chi-squared automatic interaction detector (CHAID) analysis in SPSS to find possible significant interactions.[44] The CHAID procedure iteratively segments a data set into mutually exclusive subgroups that share similar characteristics based on their effects on nominal or ordinal dependent variables. It automatically checks all variables in the data set and creates a hierarchy showing all statistically significant subgroups. The algorithm identifies splits in the population, which are as different as possible based on a chi-squared statistic. The forward stepwise procedure finds the most diverse subgroupings and then splits each subgroup further into more diverse sub-subgroups. Sample size limitations are set to avoid cells with small counts. The procedure stops when splits are no longer significant; that is, a group is homogeneous with respect to variables not yet used or the cells contain too few cases. The CHAID procedure produces a tree that identifies the set of variables and interactions among the variables that are associated with the ability to locate a sample member (and a located sample member's propensity either to respond to or to be deemed ineligible for the NBS). We first ran CHAID with all covariates and then reran it a few times with the top variable in the tree removed to ensure the retention of all potentially important interactions for additional consideration. We further reduced the resulting pool of covariates by evaluating tabulations of all the main effects and the interactions identified by CHAID. At a particular level of a given covariate or interaction, if all respondents were either located or unlocated (for the location models), complete or not complete (for the cooperation models), or the total number of sample members at that level was fewer than 20, the levels were collapsed if

[44] CHAID is normally attributed to Kass (1980) and Biggs et al. (1991). Its application in SPSS is described in Magidson (1993).

collapsing was possible. If collapsing was not possible, then we excluded the covariate or interaction from the pool.[45]

To further refine the candidate variables and interaction terms, we processed all of the resulting candidate main effects and the interactions identified by CHAID using forward and backward stepwise regression (using the STEPWISE option of the SAS LOGISTIC procedure with weights normalized to the sample size).[46] After identifying a smaller pool of main effects and interactions for potential inclusion in the final model, we carefully evaluated a set of models to determine the final model. Given that the SAS logistic regression procedure does not incorporate the sampling design, we relied on the logistic regression procedure in SUDAAN to make the final selection of covariates.

For selecting variables or interactions in the stepwise procedures, we included variables or interactions with a statistical significance level (alpha level) of 0.30 or lower (instead of the commonly used 0.05).[47] Once we determined the candidate list of main effects and interactions, we used a thorough model-fitting process to determine a parsimonious model with few very small propensities. (In Section A of this chapter, we described the model selection criteria.) In Table VI.3, we summarize the variables used in the model as main effects and interactions for locating a sample member. In Table VI.4, we summarize the variables used in the model for cooperation among located sample members.

Table VI.3. Location logistic propensity model: representative beneficiary sample

Factors in Location Model
Main Effects
MOVE (CATEGORIZED COUNT OF ADDRESSES IN SSA FILES)
PHONE (CATEGORIZED COUNT OF PHONE NUMBERS IN SSA FILES)
GENDER (MALE OR FEMALE)
AGECAT (AGE CATEGORY)
PDZIPSAME (WHETHER APPLICANT FOR BENEFITS LIVES IN SAME ZIP CODE AS BENEFICIARY)
CNTYNONSP (NONSPECIALIZED-DEPENDENT ECONOMY COUNTY)
Two-Factor Interactions
PHONE*CNTYRACE

[45] Deafness historically has been shown to be an important indicator both of locating a sample member and determining whether the sample member completed the interview. For that reason, deafness remained in the covariate pool even though the number of deaf cases was sometimes as few as 18.

[46] SUDAAN offers no automated stepwise procedures; the stepwise procedures described here were performed by using SAS.

[47] As stated, we used a higher significance level because the model's purpose was to improve the estimation of the propensity score rather than to identify statistically significant factors related to response. In addition, the information sometimes reflected proxy variables for some underlying variable that was both unknown and unmeasured.

Table VI.4. Cooperation logistic propensity model: representative beneficiary sample

Factors in Cooperation Model
Main Effects
AGECAT (AGE CATEGORY)
RACE
DISABILITY
METRO (METROPOLITAN STATUS OF COUNTY)
GENDER (SEX)
PDZIPSAME (WHETHER APPLICANT FOR BENEFITS LIVES IN SAME ZIP CODE AS BENEFICIARY)
PHONE (CATEGORIZED COUNT OF PHONE NUMBERS IN SSA FILES)
CNTYSVC (SERVICE-DEPENDENT ECONOMY COUNTY)
CNTYGOV (GOVERNMENT-DEPENDENT ECONOMY COUNTY)
CNTYLOWEDUC (LOW-EDUCATION COUNTY)
CNTYPERSPOV (COUNTY WITH PERSISTENT HIGH LEVELS OF POVERTY)
CNTYHSTRESS (COUNTY WITH HIGH LEVELS OF HOUSING THAT WAS OF POOR QUALITY, CROWDED, AND/OR EXPENSIVE RELATIVE TO INCOME LEVELS)
Two-Factor Interactions
PDZIPSAME*CNTYHSTRESS
PDZIPSAME*CNTYPERSPOV
PDZIPSAME*CNTYSVC
CNTYHSTRESS*METRO
CNTYHSTRESS*PHONE
CNTYSVC*PHONE

The R-squared is 0.029 (0.055 when rescaled to have a maximum of 1) for the location model and 0.042 (0.0607 when rescaled) for the cooperation model.[48] These values are similar to those observed for other response propensity modeling efforts that use logistic regression with design-based sampling weights. For the location model, 61 percent of pairs are concordant, 36.9 percent of pairs are discordant,[49] and the p-value for the chi-square statistic from the Hosmer-Lemeshow (H-L) Goodness-of-Fit Test is 0.128.[50] These values indicate a reasonably good fit of the model to the data. The location adjustment from the model, calculated as the inverse of the

[48] The Generalized Coefficient of Determination (Cox and Snell 1989) is a measure of the adequacy of the model, in which higher numbers indicate a greater difference between the likelihood of the model in question and the null model. The Max Rescaled R-Square scales this value to have a maximum of 1.

[49] A pair of observations is concordant if a responding subject has a higher predicted value than a nonresponding subject, discordant if not, and tied if both members of the pair are respondents, nonrespondents, or have the same predicted values. It is desirable to have as many concordant pairs and as few discordant pairs as possible (Agresti 1996).

[50] The Hosmer-Lemeshow Goodness-of-Fit Test is a test for goodness of fit of logistic regression models. Unlike the Pearson and deviance goodness-of-fit tests, it may be used to test goodness of fit even when some covariates are continuous (Hosmer and Lemeshow 1989).

location propensity score, ranged from 1.00 to 1.72. For the cooperation model, 56.9 percent of pairs are concordant and 42.4 percent of pairs are discordant. The p-value for the chi-squared statistic for the H-L goodness-of-fit test is 0.678 for the model. The cooperation adjustment from the model, which is calculated as the inverse of the cooperation propensity score, ranged from 1.04 to 4.09. The overall nonresponse adjustment (the product of the location adjustment and the cooperation adjustment) ranged from 1.07 to 4.87.[51]

Among the variables used in the location and cooperation models shown in Tables VI.3 and VI.4, the number of levels used in the models is often fewer than the number of levels in Table VI.2; the levels collapsed for the models are described following the tables. The factors used in the location model included the following:

- **MOVE.** Count of addresses in SSA files. There are five levels: (1) one address in file, (2) two addresses in file, (3) three addresses in file, (4) four addresses in file, (5) five or more addresses in file or no information.
- **PHONE.** Count of phone numbers in SSA files. There are three levels: (1) one to three phone numbers in file, (2) four or more phone numbers in file, or (3) no information.
- **GENDER.** Beneficiary's sex. There are two levels: (1) male and (2) female.
- **PDZIPSAME.** Whether the beneficiary and the applicant for benefits lived in the same ZIP code. There are two levels: (1) beneficiary and applicant lived in different ZIP codes and (2) beneficiary and applicant lived in same ZIP codes or the information is unknown.
- **AGECAT.** Beneficiary's age category. There are four levels: (1) age 18 to 29, (2) age 30 to 39, (3) age 40 to 49, (4) age 50 or older.
- **CNTYNONSP.** Nonspecialized-dependent county. There are two levels: (1) the county's economy is not dependent upon farming, mining, manufacturing, government, or services; and (2) the county's economy is dependent upon farming, mining, manufacturing, government, or services, or there is no information.

The model also included various interactions among these variables for locating sample members. In Table VI.3, we provide the main effects using the variable names listed above as well as interactions. In Appendix D, we provide an expanded form of Table VI.3 showing the levels of interactions shown in Table VI.3 along with parameter estimates and their standard errors. The factors used in the cooperation model included the following:

- **AGECAT.** Beneficiary's age category. There are three levels: (1) age 30 to 39, (4) age 40 to 49, (3) age 18 to 29 or age 50 or older.
- **RACE.** Race of beneficiary. There are two levels: (1) non–Hispanic white and (2) not non–Hispanic white or not known to be non–Hispanic white.
- **DISABILITY.** Beneficiary's disability. There are four levels: (1) cognitive disability, (2) mental illness, (3) physical disability (not deafness), (4) deafness or disability unknown.

[51] Recognizing that the Akaike's Information Criterion is a relative number and has no meaning on its own, we do not provide values for it here.

- **METRO.** Metropolitan status of beneficiary's county of residence. There are six levels: (1) beneficiary lived in metropolitan area with population of 1 million or more; (2) beneficiary lived in metropolitan area with population between 250,000 and 1 million; (3) beneficiary lived in metropolitan area with population fewer than 250,000; (4) beneficiary lived in nonmetropolitan area adjacent to a metropolitan area of 1 million or more; (5) beneficiary lived in nonmetropolitan area adjacent to a metropolitan area of fewer than 1 million; and (6) beneficiary lived in nonmetropolitan area not adjacent to metropolitan area.
- **GENDER.** Beneficiary's sex. There are two levels: (1) male and (2) female.
- **PDZIPSAME.** Whether the beneficiary and the applicant for benefits lived in the same zip code. There are three levels: (1) beneficiary and applicant lived in same zip code, (2) beneficiary and applicant lived in different zip codes, and (3) information unknown.
- **PHONE.** Count of phone numbers in SSA files. There are three levels: (1) one phone number in file, (2) between two and six phone numbers in file, and (3) more than six phone numbers in file or there is no information.
- **CNTYSVC.** County with service-dependent economy. There are two levels: (1) a county with 45 percent or more of average annual labor and proprietors' earnings derived from services (Standard Industrial Classification categories of retail trade; finance, insurance, and real estate; and services) during 1998–2000; and (2) a county without this attribute.
- **CNTYGOV.** County with government-dependent economy. There are two levels: (1) a county where 15 percent or more of average annual labor and proprietors' earnings were derived from federal and state government during 1998–2000, and (2) a county without this attribute.
- **CNTYLOWEDUC.** County with low education. There are two levels: (1) a county where 25 percent or more of residents age 25 through 64 had neither a high school diploma nor a general equivalency diploma (GED) in 2000 and (2) a county without this attribute.
- **CNTYPERSPOV.** County with persistent high levels of poverty. There are two levels: (1) a county where 20 percent or more of residents were poor as measured by each of the last four censuses (1970, 1980, 1990 and 2000); and (2) a county without this attribute.
- **CNTYHSTRESS.** County with high levels of housing that was of poor quality, crowded, or expensive relative to income levels. There are two levels: (1) a county where 30 percent or more of households had one or more adverse housing conditions in 2000 (lacked complete plumbing, lacked complete kitchen, paid 30 percent or more of income for owner costs or rent, or had more than 1 person per room); and (2) a county without this attribute.

Once again, we included various interactions among these variables in the model for the cooperation of sample members. In Table VI.4, we provide the main effects using the variable names as well as interactions. In Appendix D, we provide an expanded form of Table VI.4, with the levels of the interactions shown in Table VI.4 along with parameter estimates and their standard errors.

After we applied adjustments to the sampling weights, we reviewed the distribution of weights to determine the need for further trimming of the weights. We concluded that no

additional trimming was needed and that the maximum design effect attributable to unequal weighting was 1.08, which was observed with the youngest age-group stratum.

3. Post-Stratification

Post-stratification is the procedure that aligns the weighted sums of the response-adjusted weights to known totals external to the survey. The process offers face validity for reporting population counts and has some statistical benefits. For the RBS, we post-stratified to the marginal population totals for four variables obtained from SSA. In particular, the totals were the total number of SSI and SSDI beneficiaries by age (four categories); gender; recipient status (SSI only, SSDI only, and both); and DCF earnings (four categories derived from DCF earnings in 2013 and 2014). We conducted no trimming after post-stratification.

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VII. IMPUTATIONS

The data collection instruments for the NBS—General Waves were administered with computer-assisted interviewing technology. The technology allows the use of automated routing to move the respondent to the applicable questions and performs checks of the entered data for consistency and reasonableness. In addition, it does not permit a question to be left blank; therefore, the interviewer may not proceed until an appropriate response has been entered. ("Don't know" and "refused" are included as response options and used as necessary). These processes substantially reduce the extent of item nonresponse for a complex survey, although some item nonresponse will persist—for example, when a question was mistakenly not asked and when "don't know" or "refused" were recorded as responses.

For the NBS—General Waves, we used primarily two methods of imputation to compensate for item nonresponse: (1) deductive (or logical) imputation and (2) unweighted hot-deck imputation. However, for some variables, the data were insufficient to use either method; thus, we needed to employ other methods, such as random draws of imputed values from distributions given by the nonmissing data. Selection of the methods was based on (1) the type of variable (dichotomous, categorical, or continuous); (2) the amount of missing data; and (3) the availability of data for the imputations. For some variables, imputations were processed using a combination of methods.

Deductive imputation is based on a review of the data related to the imputed variable. It assigns a value that may be deduced from other data or for which there is a high degree of certainty that the value is correct.

Hot-deck imputation involves the classification of sample members into mutually exclusive and exhaustive imputation classes (or imputation cells) of respondents who are assumed to be similar relative to the key population variables (such as age, disability status, and SSI recipient status). For each sample member with a missing value (a recipient), a sample member with complete data (a donor) is chosen within the same imputation class to provide a value. Ideally, the imputation class should contain sufficient sample members to avoid the selection of a single donor for several sample members with missing data.

The hot-deck procedure is computationally efficient. A simulation study by the National Center for Education Statistics (U.S. Department of Education 2001) showed that a hot-deck procedure fared well in comparison to more sophisticated imputation procedures, including multiple imputation, Bayesian bootstrap imputation, and ratio imputation. The U.S. Department of Education (USDE) study evaluated imputation methods in terms of bias of the mean, median, and quartile, as well as variance estimates, coverage probability, confidence interval width, and average imputation error.

Although the variance of estimates was a key item used to evaluate methods by the USDE study, we made no attempt in this study to estimate the component of variance attributable to imputation, even though such a component is always positive. Users should be aware that variance estimates that use imputed data will be underestimates, with the amount of bias in the variance estimate directly related to the amount of "missingness" in the variable of interest. For

most of the variables requiring imputation, the extent of missingness was low; thus, the component of variance would be very small in most cases.

For the NBS—General Waves, the hot-deck imputation procedure used an unweighted selection process to select a donor, with selections made within imputation classes that were defined by key related variables for each application. In addition to the variables defining the imputation classes, we included a sorting variable that sorted the recipient and all donors within the imputation class together by levels of the variable. Using the sorted data within the imputation class, we randomly selected as the donor with equal probability a case immediately preceding or following a sample member with missing data. Therefore, the hot-deck procedure was unweighted and sequential, with a random component. We allowed with-replacement selection of a donor for each recipient. In other words, a sample member could have been a donor for more than one recipient. Given that the extent of missing values was very low for most variables, we used only a few donors more than once.[52]

Where appropriate, we made imputed values consistent with pre-existing nonmissing variables by excluding donors with potentially inconsistent imputed values. After processing each imputation, we used a variety of quality control procedures to evaluate the imputed values. If the initial imputed value was beyond an acceptable range or inconsistent with other data for that case, we repeated the imputation until the imputed value was in range and consistent with other reported data.

The factors used to form the cells for each imputed variable needed to be appropriate for the population, the data collected, and the purpose of the NBS—General Waves. In addition, the imputation classes needed to possess a sufficient count of donors for each sample member with missing data. We used a variety of methods to form the imputation classes: bivariate cross-tabulations, stepwise regressions, and multivariate procedures such as CHAID.[53] To develop the imputation classes, we used information from both the interview and SSA administrative data files. The classing and sorting variables were closely related to the variable to be imputed (the response variable). The sorting variables were either less closely related to the response variable than were the classing variables or were forms of the classing variables with finer levels. As an example of the latter situation, we sometimes used four age categories as imputation classes: (1) 18- to 29-year-olds, (2) 30- to 39-year-olds, (3) 40- to 49-year-olds, and (4) those who were 50 years old or older. We could then use the actual age as a sorting variable to ensure that donors and recipients were as close together in age as possible.

In the case of missing values in the variables used to define imputation classes, we applied two strategies: (1) matching recipients to donors who were also missing the value for the covariate or (2) employing separate hot decks, depending upon the availability of the variables defining the imputation classes. In the first instance, we treated the level defined as the missing value as a separate level. In other words, if a recipient was missing a value for a variable defining

[52] Household income, which was used to determine the federal poverty threshold indicator, was the exception. About 17 percent of respondents gave no household income information at all and about 18 percent gave only general categories of income. Detailed levels of missingness are given for all imputed variables later in this chapter.

[53] Chi-Squared Automatic Interaction Detection software is attributed to Kass (1980) and Biggs et al. (1991). Its application in SPSS is described in Magidson (1993).

an imputation class, the donor also was missing the value for that variable. We used the first strategy if a large number of donors and recipients were missing the covariate in question. In the second instance, we used a variable for a given recipient to define the imputation class for that recipient only if there was no missing value for that variable. The variables used to define an imputation class for each recipient depended upon what values were not missing among those variables.

The hot-deck software automatically identified situations in which the imputation class contained only recipients and no donors. In such cases, we collapsed imputation classes and once again performed the imputation with the collapsed classes. The strategy for collapsing classes required a ranking of the variables used to define the imputation class with regard to each variable's relationship to the variable requiring imputation. If several covariates aided in imputing a given variable, the covariates less closely related to the variable requiring imputation were more likely than the important covariates in the imputation to have levels that we had to collapse. In addition, variables with a large number of levels also were more likely to have levels that we had to collapse. In general, if more than a very small number of imputation classes required collapsing, we dropped one or more variables from the definition of the imputation class and reran the imputation procedure.

Some variables were constructed from two or more variables. For some of the constructed variables, it was more efficient to impute the component variables and then impose the recoding of the constructed variable on these imputed values, rather than imputing the constructed variable directly. In the tables that follow in this chapter, we do not show the component variables because they were not included in the final data set.

For some imputed variables in the data set, the number of missing responses does not match the number of imputed responses. Often, the variables correspond to questions that follow a filter question. For example, Item I29 asks if the respondent has serious difficulty walking or climbing stairs. If the response is "yes," the follow-up question (Item I30) asks if the respondent is able to walk without assistance at all. To be asked the follow-up question, the respondent must have answered "yes" to the screener question. If the respondent answered "no," the follow-up question was coded a legitimate missing (.), which was not imputed. However, if the respondent refused to answer the screener question, the follow-up question was also coded a legitimate missing. If the screener variable was then imputed to be "yes," the response to the follow-up question was imputed, causing the count of the actual number of imputed responses to be greater than the number of missing or invalid responses.

A. NBS Imputations of Specific Variables

In the tables below, we present information on how imputation was applied to selected variables in the NBS—General Waves, including the imputed variable names, a brief description of each variable, the methods of imputation, total number of missing responses, number of respondents eligible for the question, and percentage of imputed responses. We recorded this information in the final file with an imputation flag, identified by the suffix "iflag," which has the following levels: (.) legitimate missing, (0) self-reported data, (1) logical imputation, (2) administrative data, (3) hot-deck imputed, (4) imputation using the distribution of a variable related to the variable being imputed, (5) imputation based on specialized procedures specific to

Section K, and (6) constructed from other variables with imputed values. The distinction between "logical imputation" and "constructed from other variables with imputed values" is somewhat opaque. In general, if we made a logical assignment for variables corresponding directly to items from the questionnaire, we set the flag to 1. For variables constructed from these variables (constructed variables are prefixed with a "C_"), we set the flag to 6. In this instance, we imputed one or more of the component variables in the constructed variable. All variables that include imputed values are identified with the suffix "_i."

Below, we summarize the imputations that we conducted and provide details for some of the imputation types for each section of the questionnaire.

1. Section L: Race and Ethnicity

Two items in the questionnaire, item L1 and item L2, gathered information on respondents' race and ethnicity. The imputations associated with these variables are summarized in Table VII.1. In particular, L1_i corresponds to the question asking whether the respondent is Hispanic or not; C_Race_i corresponds to the question asking about the respondent's race.

Table VII.1. Race and ethnicity imputations

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
L1_i	Hispanic/Latino ethnic origins	2 imputations from SSA's administrative data, 75 imputations from hot deck	77	4,062	1.90
C_Race_i	Race	78 imputations from SSA's administrative data, 168 imputations from hot deck	246	4,062	6.06

Source: NBS–General Waves Round 5.

Note: The "number missing" is a count of item nonrespondents, and the "number eligible" includes both item respondents and item nonrespondents. The "percentage imputed" is the "number missing" divided by the "number eligible", and is unweighted.

In the above table, respondents who did not indicate in the questionnaire whether they were Hispanic were classified as such if the SSA administrative data so indicated. We also looked at the name of the respondent and compared it to a list of Hispanic names provided by the North American Association of Central Cancer Registries (NAACCR 2003), though in this round no respondents were classified as Hispanic using this method who hadn't already been classified as such using questionnaire or administrative data. For respondents who still had missing data, we imputed the Hispanic indicator by using a hot deck with imputation classes defined by the zip code of each sample member, with race as a sorting variable. Not surprisingly, the imputation classes based on zip code commonly required collapsing to ensure that an imputation class had a sufficient number of donors for the recipients in that class. An automated process in SAS performed the needed check. However, to ensure that the zip code imputation classes being collapsed were as similar as possible, we manipulated the software so that the county of the donor zip code and county of the recipient zip code had a similar racial and ethnic composition according to data from the Area Health Resource File (2014–2015), a file with demographic, health, and economic-related data for every county in the United States.

Respondents could choose from five race categories—(1) white, (2) black/African American, (3) Asian, (4) native Hawaiian or other Pacific Islander, and (5) Alaska native or American Indian—and could select more than one of the categories to identify themselves (as prescribed by the Office of Management and Budget). The final race variable on which imputation was applied included six categories, with a separate category for respondents who reported multiple races. Although the SSA administrative data did not have a category for multiple races, respondents with race information in the SSA files were categorized according to four of the five categories above (native Hawaiian or other Pacific Islanders were included with respondents who reported being Asian). Respondents who did not answer the race question but did have race information in the SSA files were categorized into one of the four categories. This would have resulted in the misclassification of respondents—with SSA administrative data—who did not answer the race question in the survey but who would have identified themselves as multiple race or native Hawaiian or other Pacific Islander. However, we assumed that the number of such respondents would be small and that their misclassification would not be a major problem. As with the Hispanic indicator, for respondents who still had missing data, we imputed race by using a hot deck with imputation classes that were defined by the zip code of each sample member, with ethnicity (Hispanic or not) as a sorting variable.

2. Section B: Disability Status Variables and Work Indicator

Questions about disability status and work were limited to individuals who indicated in Item B1 that they have a "physical or mental condition limiting the kind or amount of work or other daily activities that [they] can do." If the respondent did not answer Item B1, then we imputed Item B1. In this round, there were 11 such cases, 6 of which were imputed as a "1."

In Table VII.2, we describe five imputed variables that pertain to the sample member's disability status and an indicator of whether the respondent was currently working. The imputed variables include three that collapse and recode primary diagnosis codes from the ICD-9 in three ways: (1) C_MainConBodyGroup_i, which corresponds to the collapsing in Table II.2; (2) C_MainConDiagGrp_i; and (3) C_MainConColDiagGrp_i. Additional variables for disability status include age when the disability was first diagnosed (C_DisAge_i) and an indicator of childhood or adult onset of the disability (C_AdultChildOnset_i), variables which were assigned to all survey respondents (not just those with a value of B1 = 1). We also imputed a fourth variable with collapsed primary diagnosis codes, with levels further collapsed from C_MainConDiagGrp_i. Table VII.2 does not include this variable (C_MainConImput_i) because it was not released to the final file but was used in subsequent imputations as a classing variable. Table VII.2 also omits the imputed version of Item B1 (B1_i), as this variable is a supporting variable that was also not released to the final file. All missing values for C_AdultChildOnset_i were "logically assigned" by using the imputed values from C_DisAge_i, the variable for age of onset. In addition, Section B contains a question asking whether the respondent was currently working (Item B24_i), which is a gate question for all of Section C's variables for work status.

Table VII.2. Disability Status Imputations

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
C_MainConDiagGrp_i	Primary diagnosis group	41 hot deck[a]	41	3,583	1.14
C_MainConColDiagGrp_i	Main condition diagnosis group collapsed	41 constructed from imputed variables[a]	41	3,583	1.14
C_MainConBodyGroup_i	Main condition body group	2 hot deck, 39 constructed from imputed variables[a]	41	3,583	1.14
C_DisAge_i	Age at onset of disability	165 hot deck	165	4,062	4.06
C_AdultChildOnset_i	Adult/child onset of disability	10 constructed from imputed variables	10	4,062	0.25
B24_i	Currently working	3 hot deck	3	4,062	0.07

Source: NBS–General Waves Round 5.

Note: The "number missing" and "number eligible" counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The "number missing" is a count of item nonrespondents, and the "number eligible" includes both item respondents and item nonrespondents. The "percentage imputed" is the "number missing" divided by the "number eligible", and is unweighted.

[a]Imputations for diagnosis group variables excluded five cases coded as "don't know" or "refused" in Item B1, which were imputed in Item B1_i as not having a condition that limited the kind or amount of work or other daily activity that the respondent could do.

To define imputation classes, all of the variables in Section B used an indicator to specify whether the onset of the disability occurred in childhood or adulthood and to specify age and gender. We also used one of the collapsed condition code variables, C_MainConImput_i, as a classing variable for disability age and the work indicator. We used additional classing variables specific to the variable being imputed.

3. Section C: Current Jobs Variables

Several survey questions asked respondents about current employment. Section C asked such questions only of respondents who indicated in Item B24 that they were currently working. If the respondent did not answer Item B24, then we imputed Item B24. In this round, there were 2 such cases, both of which were imputed as a "not working." As identified in Table VII.3, the questions asked about the following:

- Salary (C_MainCurJobHrPay_i, C_MainCurJobMnthPay_i, and C_TotCurJobMnthPay_i)
- Usual hours worked at the job or jobs (C8_1_i, C_TotCurWkHrs_i, and C_TotCurHrMnth_i)
- Number of places the respondent was employed (C1_i)
- Job description for the place of main employment (C2_1_1d_i)

Table VII.3. Current Jobs Imputations

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
C1_i	Count of current jobs	1 logical, 2 hot deck	3	445	0.67
C2_1_1d_i	Main current job SOC code to one digit	1 hot deck[a]	1	445	0.22
C8_1_i	Hours per week usually worked at current main job	19 hot deck,[b] 2 imputed by distributional assumptions	21	445	4.72
C_TotCurWkHrs_i	Total weekly hours at all current jobs	19 hot deck,[c] 5 constructed from imputed variables	24	445	5.39
C_TotCurHrMnth_i	Total hours per month at all current jobs	24 constructed from imputed variables	24	445	5.39
C_MainCurJobHrPay_i	Hourly pay at current main job	1 logical, 69 constructed from imputed variables	70	445	15.73
C_MainCurJobMnthPay_i	Monthly pay at current main job	12 logical, 4 imputed by distributional assumptions, 65 constructed from imputed variables	81	445	18.20
C_TotCurMnthPay_i	Total monthly salary all current jobs	15 logical, 65 hot deck, 7 constructed from imputed variables	87	445	19.55

Source: NBS–General Waves Round 5.

Note: The “number missing” and “number eligible” counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The “number missing” is a count of item nonrespondents, and the “number eligible” includes both item respondents and item nonrespondents. The “percentage imputed” is the “number missing” divided by the “number eligible”, and is unweighted.

[a]Imputations for current job variables excluded two cases coded as “don’t know” or “refused” in Item B24, which were imputed as currently not working in Item B24_i. Imputations for current job variables include another case coded as “don’t know or “refused” in Item B24 that was imputed as currently working in item B24_i.

[b]Imputations for current job variables excluded two cases coded as “don’t know” or “refused” in Item B24, which were imputed as currently not working in Item B24_i. Imputations for current job variables include another case coded as “don’t know or “refused” in Item B24 that was imputed as currently working in Item B24_i.

[c]If C8_1_i was imputed by hot deck and the respondent had only one job, the flag indicated that C_TotCurWkHrs_i was imputed by hot deck, even though the variable was not processed in the hot-deck program.

We imputed values for other variables by using the distribution of a variable related to the variable at hand. For example, if the take-home monthly pay of the respondent’s current main job was not missing but the gross monthly pay (C_MainCurJobMnthPay_i) for the job was missing, we used the relationship between gross monthly and take-home monthly pay among respondents missing neither variable to determine the appropriate value for gross monthly pay. In particular, a random draw was selected from the observed distribution of relative taxes, where “relative tax” is defined as the proportion of a respondent’s pay devoted to taxes. We then used the randomly drawn relative tax to determine an imputed gross monthly pay for four cases with missing data for C_MainCurJobMnthPay_i. As noted in Table VII.3, we applied hot-deck imputations to only four of the jobs variables: (1) C1_i, (2) C2_1_1d_i, (3) C8_1_i, and (4)

C_TotCurMnthPay_i. For these variables, we used the level of education as a classing variable as well as additional classing and sorting variables specific to each variable, including a condition code variable for all but C_TotCurMnthPay_i.

Some of the variables in the above table had missing values that were not directly imputed. Rather, constituent variables not included in the table had missing values that were imputed and then combined to form the variables in the table. For example, we constructed C_TotCurWkHrs_i from the number of hours per week usually worked at the current main job plus the number of hours for each of the respondent's other jobs. In most cases, the respondent worked one job, so we set C_TotCurWkHrs_i equal to C8_1_i. However, if the respondent worked more than one job and the number of hours in secondary jobs was imputed, we constructed C_TotCurWkHrs_i from imputed variables.

4. Section I: Health Status Variables

Section I of the NBS—General Waves accounted for 57 health status variables in which imputations were applied. Tables VII.4 and VII.5 identify the 57 imputed variables and the methods of imputation used for each variable. The items cover a range of topics, from the respondent's general health to specific questions on instrumental activities of daily living (IADLs), activities of daily living (ADLs), and other health and coping indicators. A series of questions pertaining to the respondent's use of illicit drugs and alcohol is also included in Section I.

The following is an example of a logical assignment in Section I: If respondents did not answer whether they were blind or experienced difficulty seeing even when wearing glasses or contact lenses (Item I17b), but indicated that they required special devices to see because they had difficulty seeing (Item I19), then we logically assigned "yes" to Item I17b_i.

As in previous sections, "constructed from imputed variables" refers to the fact that we imputed the constituent variables of each constructed variable. The only classing variable common to all imputations was the code variable for the collapsed condition. We also used age and gender in most imputations. The other classing and sorting variables were specific to the variable being imputed.

Table VII.4. Health status imputations, questionnaire variables

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
I1_i	Health during the past four weeks	12 hot deck	10	4,062	0.30
I9_i	Current health	25 hot deck	25	4,062	0.62
I17b_i	Blind or difficulty seeing, even with glasses	1 logical, 29 hot deck	30	4,062	0.73
I19_i	Uses special equipment because of difficulty seeing	24 logical, 6 hot deck	30	789	3.80
I21_i	Deaf or difficulty hearing	2 logical, 26 hot deck	28	4,062	0.69
I22_i	Able to hear normal conversation at all	22 logical, 17 hot deck	39	500	7.80
I23_i	Uses special equipment because of difficulty hearing	22 logical, 3 hot deck	25	500	5.00
I25_i	Difficulty having speech understood	3 logical, 30 hot deck	33	4,062	0.81
I26_i	Able to have speech understood at all	22 logical, 13 hot deck	35	1,185	2.95
I27_i	Uses special equipment because of difficulty speaking	22 logical, 5 hot deck	27	1,185	2.28
I29_i	Difficulty walking or climbing stairs without assistance	2 logical, 24 hot deck	26	4,062	0.64
I30_i	Able to walk without assistance at all	13 logical, 19 hot deck	32	2,155	1.48
I31_i	Uses special equipment because of difficulty walking	13 logical, 12 hot deck	25	2,155	1.16
I34_i	Able to climb stairs at all	13 logical, 20 hot deck	33	2,155	1.53
I35_i	Difficulty lifting and carrying 10 pounds	3 logical, 32 hot deck	35	4,062	0.86
I36_i	Able to lift or carry 10 pounds at all	16 logical, 49 hot deck	65	1,911	3.40
I37_i	Difficulty using hands or fingers	1 logical, 24 hot deck	25	4,062	0.61
I38_i	Able to use hands or fingers at all	17 logical, 19 hot deck	36	1,107	3.25
I39_i	Difficulty reaching over head	2 logical, 40 hot deck	42	4,062	1.03
I40_i	Able to reach over head at all	27 logical, 17 hot deck	44	1,165	3.78
I41_i	Difficulty standing	48 hot deck	48	4,062	1.18

TABLE VII.4 (*continued*)

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
I42_i	Able to stand at all	23 logical, 22 hot deck	45	2,476	1.82
I43_i	Difficulty stooping	1 logical, 44 hot deck	45	4,062	1.11
I44_i	Able to stoop at all	19 logical, 40 hot deck	59	2,398	2.46
I45_i	Difficulty getting around inside home	27 hot deck	27	4,062	0.66
I46_i	Needs help to get around inside home	23 logical, 14 hot deck	37	683	5.42
I47_i	Difficulty doing errands alone	7 logical, 38 hot deck	45	4,062	1.11
I48_i	Needs help to get around outside home	19 logical, 33 hot deck	52	2,312	2.25
I49_i	Difficulty getting into/out of bed	1 logical, 36 hot deck	37	4,062	0.91
I50_i	Needs help getting into/out of bed	25 logical, 18 hot deck	43	1,137	3.78
I51_i	Difficulty bathing or dressing	6 logical, 40 hot deck	46	4,062	1.13
I52_i	Needs help bathing or dressing	31 logical, 13 hot deck	44	1,121	3.93
I53_i	Difficulty shopping	15 logical, 41 hot deck	56	4,062	1.38
I54_i	Needs help shopping	27 logical, 20 hot deck	47	1,501	3.13
I55_i	Difficulty preparing own meals	6 logical, 33 hot deck	39	4,062	0.96
I56_i	Needs help to prepare meals	18 logical, 25 hot deck	43	1,594	2.70
I57_i	Difficulty eating	1 logical, 29 hot deck	30	4,062	0.73
I58_i	Needs help to eat	26 logical, 2 hot deck	28	562	4.98
I59_i	Trouble concentrating or remembering	51 hot deck	51	4,062	1.26
I60_i	Trouble coping with stress	76 hot deck	76	4,062	1.87
I61_i	Trouble getting along with people	66 hot deck	66	4,062	1.62
CageScore_Indicator_i	CAGE Alcohol Score	36 constructed from imputed variables	36	4,062	0.89
I72_i	Uses drugs in larger amounts than prescribed	48 hot deck	48	4,062	1.18

Source: NBS–General Waves Round 5.

Note: The “number missing” and “number eligible” counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The “number missing” is a count of item nonrespondents, and the “number eligible” includes both item respondents and item nonrespondents. The “percentage imputed” is the “number missing” divided by the “number eligible”, and is unweighted.

Table VII.5. Health status imputations, constructed variables

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
C_EquipFuncLim_I	Uses equipment/device for functional/sensory limitation	20 constructed from imputed variables	20	4,062	0.49
C_NumSenLim_i	Number of sensory limitations	55 constructed from imputed variables	55	4,062	1.35
C_NumSevSenLim_i	Number of severe sensory limitations	47 constructed from imputed variables	47	4,062	1.16
C_NumPhyLim_i	Number of physical functional limitations	102 constructed from imputed variables	102	4,062	2.51
C_NumSevPhyLim_i	Number of severe physical functional limitations	141 constructed from imputed variables	141	4,062	3.47
C_NumEmotLim_i	Number of emotional/social limitations	133 constructed from imputed variables	133	4,062	3.27
C_NumADLs_i	Number of impaired ADL	65 constructed from imputed variables	65	4,062	1.60
C_NumADLAssist_i	Number of ADL requiring assistance	55 constructed from imputed variables	55	4,062	1.35
C_NumIADLs_i	Number of IADL difficulties	73 constructed from imputed variables	73	4,062	1.80
C_NumIADLAssist_i	Number of IADL requiring assistance	71 constructed from imputed variables	71	4,062	1.75
C_PCS8TOT_i	Physical summary score	193 constructed from imputed variables	193	4,062	4.75
C_MCS8TOT_i	Mental summary score	193 constructed from imputed variables	193	4,062	4.75
C_DrugDep_i	Drug dependence	48 constructed from imputed variables	48	4,062	1.18

Source: NBS–General Waves Round 5.

Note: The “number missing” and “number eligible” counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The “number missing” is a count of item nonrespondents, and the “number eligible” includes both item respondents and item nonrespondents. The “percentage imputed” is the “number missing” divided by the “number eligible”, and is unweighted.

5. Section K: Sources of Income Other Than Employment

The imputed variables in Section K are constructed variables that pertain to nonemployment-based income and include workers’ compensation, private disability claims, unemployment, and other sources of regular income, as described in Table VII.6

Table VII.6. Imputations on sources of income other than employment

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
C_AmtPrivDis_i	Amount received from private disability last month	107 logical, 17 imputed by descriptive statistics using specialized procedures	124	4,062	3.05
C_AmtWorkComp_i	Amount received from workers' compensation last month	50 logical, 2 imputed by descriptive statistics using specialized procedures	52	4,062	1.28
C_AmtVetBen_i	Amount received from veterans' benefits last month	43 logical, 16 imputed by descriptive statistics using specialized procedures	59	4,062	1.45
C_AmtPubAssis_i	Amount received from public assistance last month	58 logical, 14 imputed by descriptive statistics using specialized procedures	72	4,062	1.77
C_AmtUnemply_i	Amount received from unemployment benefits last month	43 logical, 2 imputed by descriptive statistics using specialized procedures	45	4,062	1.11
C_AmtPrivPen_i	Amount received from private pension last month	55 logical, 9 imputed by descriptive statistics using specialized procedures	64	4,062	1.57
C_AmtOthReg_i	Amount received from other regular sources last month	49 logical, 9 imputed by descriptive statistics using specialized procedures	58	4,062	1.43

Source: NBS–General Waves Round 5.

Note: The "number missing" and "number eligible" counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The "number missing" is a count of item nonrespondents, and the "number eligible" includes both item respondents and item nonrespondents. The "percentage imputed" is the "number missing" divided by the "number eligible", and is unweighted.

Items in Section K first asked respondents if they received money from a specific source and then asked for the specific amount received from that source. If a respondent could not provide a specific value, he or she answered a series of questions about whether the amount was above or below specific values. Respondents also had the option of providing a range of values, in which the options depended upon responses to a series of questions. After we classified the response according to a range of values provided by the respondent, we assigned the respondent the median of the specific values provided by others who gave responses within the same range. If a respondent could not say whether the actual value was above or below a specific threshold, we first imputed the range (using random assignment), then assigned the median of the values provided by respondents who listed specific values within that range. If the respondent did not know if he or she received funds from a source, we used hot-deck imputation to determine whether such was the case and then proceeded as above.

The logical assignments in Section K derive from imputed values in the constituent questions. For example, Item K6 in the questionnaire asks whether the respondent received income from a variety of sources, and Item K7 asks the amount from each source for which a "yes" response was given. The first source listed (Item K6a) is private disability insurance. If the respondent was imputed not to have received private disability insurance (K6a_i), then the constructed variable C_AmtPrivDis_i (based on Item K7) was logically assigned "no." Otherwise, if any income was derived from private disability insurance but an imputation was required at some point in the sequence (either everything or just the individual's income was imputed), then the imputation flag indicated imputation by "special procedures."

For variables requiring hot-deck imputation, the classing variables were the same for all variables: an indicator of whether the respondent was a recipient of SSI, SSDI, or both; living situation; and education. Table VII.6 lists none of the variables requiring hot-deck imputation because they were just component variables for the delivered variables listed in the table.

6. Section L: Personal and Household Characteristics

We discussed race and ethnicity, derived from items L1 and L2 in the questionnaire, in Section 1 of this chapter. Other imputed variables that are personal and household characteristics also come from Section L. The questions from which the imputed variables were derived ask about education (L3_i), marital status (L8_i), cohabitation status (C_Cohab_i), number of children in household (C_NumChildHH_i), household size (C_Hhsize_i), and weight and height, which were used to derive body mass index (C_BMI_cat_i). Most of these variables were imputed early in imputation processing and were used in the imputation of variables imputed later in processing. Household income questions are also asked in Section L, which, in combination with C_Hhsize_i and C_NumChildHH_i, we use to derive the federal poverty level variable.

The imputation of poverty level required the imputation of annual income and household size. The annual income question was another case that required a specific value. If the respondent could not provide a specific value, he or she was asked if annual income fell within certain ranges. Some respondents provided a specific value, some provided a range of values, and some refused to provide any information. Although annual income was a key variable used in the imputation of poverty level, it was not included in Table VII.7 because it was not released in the final file. All missing values in C_FedPovertyLevel_cat1[54] were derived from the imputed annual incomes; hence, all missing values are "constructed from imputed variables." In Table VII.7, we identify the imputed variables in Section L.

Logical assignments in Section L are based on related variables also in Section L. For example, a logical assignment for L11_i (living situation of beneficiary) would occur if the respondent did not answer Item L11 but indicated in Item L16 (number of adults in household) that only one adult lived in the household and indicated in Item L17 (number in household under 18 years old) the number of children living in the household. In this case, the value for L11_i

[54] The name of this variable reflects the fact that the final variable was a categorical (as opposed to a continuous) measure of poverty level.

would be logically assigned to 1 (lives alone) or 2 (lives with parent, spouse, or children), depending upon the response to Item L17.

The only classing variable common to all imputations for the variables listed in Table VII.7 was the collapsed condition code variable. Other classing and sorting variables were specific to the variable being imputed.

Table VII.7. Imputations of Personal and Household Characteristics

Variable Name	Description	Imputation Method	Number Missing	Number Eligible	Percentage Imputed
C_BMI_cat_i	Body mass index categories	1 logical, 190 hot deck	191	4,062	4.70
L3_i	Highest year/grade completed in school	99 hot deck	99	4,062	2.44
L8_i	Marital status	51 hot deck	51	4,062	1.26
L11_i	Living arrangements	4 logical, 51 hot deck	55	4,062	1.35
C_NumChildHH_i	Number of children living in household	1 logical, 28 hot deck, 16 constructed from imputed variables	45	4,062	1.10
C_HHsize_i	Household size	64 hot deck, 11 constructed from imputed variables	75	4,062	1.85
C_Cohab_i	Cohabitation status	2 logical, 49 hot deck	51	4,062	1.26
C_FedPovertyLevel_cat	2014 Federal poverty level	1,476 constructed from imputed variables	1,476	4,062	36.34

Source: NBS–General Waves Round 5.

Note: The “number missing” and “number eligible” counts exclude those who skipped out of the relevant question(s) based upon computer skip patterns. The “number missing” is a count of item nonrespondents, and the “number eligible” includes both item respondents and item nonrespondents. The “percentage imputed” is the “number missing” divided by the “number eligible”, and is unweighted.

VIII. USING THE NBS RESTRICTED AND PUBLIC USE FILES

A. File Content and Technical Specifications

The NBS-General Waves Round 5 Restricted Use File contains 4,062 records and 2,802 variables. Variables on the data file are preceded by an R5 to identify them as Round 5 variables. Variables are positioned on the file in the following order:

Survey administration variables. These variables are related to survey administration, including respondent type identifiers and other variables associated with conduct of the survey.

Sampling variables and weights. These variables include administrative variables used for sampling purposes and administrative data that provide additional descriptive information about the sample.

Variables from Sections A through M of the NBS questionnaire. These variables are ordered within each section by related questionnaire item number. Constructed variables created from source variables within a section are ordered at the end of each section.

SSA administrative data. These variables include a select set of data from SSA administrative records to enhance analyses of Ticket to Work participants.

The Restricted Use File is available in a SAS "sas7bdat" format database. The Restricted Use File has the following technical specifications:

- Data set name: R5NBSRAF
- Number of observations: 4,062
- Number of variables: 2,802
- Date last created: July 20, 2017

The Public Use File has the following technical specifications:

- Data set name: R5NBSPUF
- Number of observations: 4,062
- Number of variables: 538
- Date last created: July 13, 2017

B. Choosing a Sample and Weight Variable

As discussed in Chapter II, weights were created for the the National Representative Beneficiary Sample to allow estimates of the national beneficiary population. The weights should be used when performing any analysis. Due to the design of the NBS and the variation of weights within sampling strata, the use of unweighted rather than weighted data in the analysis will provide incorrect results. The weight variable is named R5_WTR5_BEN. The weights account for the sampling method, data collection method, and the survey's target population.

C. Estimating Sampling Variance for NBS

The sampling variance of an estimate derived from survey data for a statistic (such as a total, a mean or proportion, or a regression coefficient) is a measure of the random variation among estimates of the same statistic computed over repeated implementation of the same sample design with the same sample size on the same population. The sampling variance is a function of the population characteristics, the form of the statistic, and the nature of the sampling design. The two general forms of statistics are linear combinations of the survey data (for example, a total) and nonlinear combinations. The latter include the ratio of two estimates (for example, a mean or proportion in which both the numerator and denominator are estimated) and more complex combinations, such as regression coefficients. For linear estimates with simple sample designs (such as a stratified or unstratified simple random sample) or complex designs (such as stratified multistage designs), explicit equations are available to compute the sampling variance. For the more common nonlinear estimates with simple or complex sample designs, explicit equations generally are not available, and various approximations or computational algorithms provide an essentially unbiased estimate of the sampling variance.

The NBS—General Waves sample design involves stratification and unequal probabilities of selection. Variance estimates calculated from NBS—General Waves data must incorporate the sample design features to obtain the correct estimate. Most procedures in standard statistical packages, such as SAS, STATA, and SPSS, are not appropriate for analyzing data from complex survey designs, such as the NBS—General Waves design. These procedures assume independent, identically distributed observations or simple random sampling with replacement. Although the simple random sample variance may approximate the true sampling variance for some surveys, it likely underestimates substantially the sampling variance with a design as complex as that used for the NBS—General Waves. Complex sample designs have led to the development of a variety of software options that require the user to identify essential design variables such as strata, clusters, and weights.[55]

The most appropriate sampling variance estimators for complex sample designs such as the NBS—General Waves are the procedures based on the Taylor series linearization of the nonlinear estimator that use explicit sampling variance equations and procedures based on forming pseudo-replications[56] of the sample. The Taylor series linearization procedure is based on a classic statistical method in which a nonlinear statistic may be approximated by a linear combination of the components within the statistic. The accuracy of the approximation depends upon the sample size and the complexity of the statistic. For most commonly used nonlinear statistics (such as ratios, means, proportions, and regression coefficients), the linearized form has

[55] A web site that reviews software for variance estimation from complex surveys, created with the encouragement of the Section on Survey Research Methods of the American Statistical Association, is available at http://www.fas.harvard.edu/~stats/survey-soft/survey-soft.html. The site lists software packages available for personal computers and provides direct links to the home pages of the packages. The site also contains articles and links to articles that provide general information about variance estimation as well as links to articles that compare features of the software packages.

[56] Pseudo-replications of a specific survey sample, as opposed to true replications of the sampling design, involve the selection of several independent subsamples from the original sample data with the same sampling design. The subsamples may be random (as in a bootstrap) or restricted (as in balanced repeated replication).

been developed and has good statistical properties. Once a linearized form of an estimate is developed, the explicit equations for linear estimates may be used to estimate the sampling variance. The sampling variance may be estimated by using many features of the sampling design (for example, finite population corrections, stratification, multiple stages of selection, and unequal selection rates within strata). This is the basic variance estimation procedure used in all SUDAAN procedures as well as in the survey procedures in SAS, STATA, and other software packages that accommodate simple and complex sampling designs. To calculate the variance, sample design information (such as stratum, analysis weight, and so on) is needed for each sample unit.

Currently, several survey data analysis software packages use the Taylor series linearization procedure and explicit sampling variance equations. Therefore, we developed the variance estimation specifications needed for the Taylor series linearization (PseudoStrata and PseudoPSU). Appendix E provides example code for the procedure with SAS and the survey data analysis software SUDAAN.[57] Details about SAS syntax are available from the SAS Institute (2015). Details about SUDAAN syntax are available from RTI International (Research Triangle Institute 2014).

D. Codebook

To aid the user, Mathematica developed a codebook for the Restricted Use File: "The National Beneficiary Survey--General Waves: Round 5 Restricted Use File Codebook" (Bush et al. 2017). Both codebooks can be obtained from SSA. The Public Use File codebook will be available on SSA's website (https://www.ssa.gov/disabilityresearch/publicusefiles.html).

The codebooks provide extensive documentation for each variable on the file including variable name, label, position, variable type and format, question universe, question text, number of cases eligible to receive each item, constructed variable specifications, and user notes. The codebooks include frequency distributions and means as appropriate.

[57] The example code provided in Appendix E is for simple descriptive statistics using the procedures DESCRIPT in SUDAAN and SURVEYMEANS in SAS. Other procedures in SAS (SURVEYREG, SURVEYFREQ, and SURVEYLOGISTIC) and in SUDAAN (CROSSTAB, REGRESS, LOGISTIC, MULTILOG, LOGLINK, and SURVIVAL) are available for complex analyses. Given that SUDAAN was created specifically for survey data, the range of analyses that may be performed with these data in SUDAAN is much wider than that in SAS.

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APPENDIX A

TOTAL SURVEY ERROR AND THE NATIONAL BENEFICIARY SURVEY—GENERAL WAVES

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I. INTRODUCTION

Total Survey Error (TSE) is a framework for systematically considering the accumulation of error across different phases of the survey process, including survey design, administration, data processing, and data analysis (Biemer 2010). At each phase, errors in coverage, specification, nonresponse, measurement, and data processing can negatively impact data quality and increase the bias and variance of population estimates, resulting in questionable findings. We designed the National Beneficiary Survey—General Waves data collection to minimize the size of these errors within the cost constraints of the survey. In doing so, we identified the sources of error most likely to affect estimates for this population and survey and focused on design features that would mitigate these errors, keeping in mind that tradeoffs often occur in the process of error reduction. For example, increasing efforts to persuade reluctant sample members can result in larger measurement error and increase bias in estimates.

We focus this discussion on nonsampling error, which is not related to sampling or coverage error (error that occurs when the sampling frame does not represent the target population). In Table 1, we provide a brief description of the different types of nonsampling error, as described by Biemer (2010). We did not discuss errors related to sampling because we assume this type of error is minimal in the NBS.

Table 1. Sources of error

Sources of error	Description
Specification	Error that results when the concept intended to be measured by the question is not the same as the concept the respondent ascribes to the question.
Unit nonresponse	Error that occurs when the selected sample member is unwilling or unable to participate (failure to interview). Can result in increased variance and potential for bias in estimates if nonresponders have different characteristics than responders.
Item nonresponse	Error that results when items are left blank or the respondent reports that he or she does not know the answer or refuses to provide an answer (failure to obtain and record data for all items). Can result in increased variance and potential bias in estimates if nonresponders have different characteristics than responders.
Measurement error	Errors that occur as a result of the respondent or interviewer providing incorrect information (either intentionally or unintentionally). May result from inherent differences in interview mode.
Data processing errors	Errors in data entry, coding, weighting, and/or analyses.

In the case of the NBS, we made efforts to reduce errors stemming from all of these sources, but placed particular importance on reducing unit nonresponse and measurement error. We did this largely because persons with disabilities, particularly those receiving SSI, are often hard to reach and interview. Additionally, sample members had a wide range of disabilities, including physical and cognitive impairments. We were keenly aware of the need to design the survey in a way that would minimize errors in reporting. For example, a respondent with a cognitive impairment may inaccurately report information because he or she is unable to remember specific dates, times, or the amount of money received from different sources, thus introducing the potential for measurement error. Similarly, an individual with a physical limitation that

causes fatigue may become tired during the survey effort and misreport information. Alternatively, someone answering the survey on behalf of the sample person may provide different responses than the individual would have given. Thus, we designed the survey with accessibility in mind and weighed the cost and benefits of approaches to foster inclusion and adequate representation of this population. We paid special attention to the instrument design, reducing barriers to survey response, and interviewing procedures. In Table 2, we summarize the key sources of error identified on the NBS, our procedures for mitigating each error, and our assessment of its relative impact on data quality. We follow with a detailed discussion of each source of error and the efforts taken to minimize impact on the survey data.

Table 2. Key sources of error and relative impact on data quality

Potential source of error	Mitigation	Assessment of relative impact on NBS data quality and priority[58]
Unit nonresponse	Assurances of confidentiality $20 incentive Dual mode Early initiation of prepay Intensive locating effort before and during field period Refusal avoidance Use of proxy and accommodations Computed adjusted weights	Medium
Item nonresponse	Assurances of confidentiality Offering ranges rather than mandating a numeric response Allowing interviewer to assist with arithmetic Include definitions and probes	Low
Specification error	Cognitive testing of items and pretesting Interviewing debriefing and revisions between rounds Use of validated questions	Low
Measurement error	**Respondent based** Instrument design Use of assistant or proxy Interviewer encouragement and check-ins Use of hard and soft edits Assurances of confidentiality **Interviewer based** Interviewer recruitment, hiring, and training Intensive interviewer monitoring (CATI) Interviewer debriefing and re-training, as necessary **Instrument related** Cognitive testing and pretesting Early frequency review Instrument testing Instrument identical in each mode **Environment related** Reduction of noise distractions Working with respondent availability	Medium

[58] We based prioritization on the extent to which we were able to mitigate each potential source of error prior to the initiation of data collection. We could typically observe sources of error having a low impact on data quality and were able to remedy the situation. We believe these sources of error have had minimal effects on data quality. We also believe medium impact items may have had some impact on data quality, despite the mitigation strategies employed. In some cases, these sources of error are difficult to identify proactively.

II. SOURCES OF ERROR

A. Unit nonresponse

Unit nonresponse occurs when a sample member does not participate in the survey. This may occur because the sample member does not want to participate (refuses), has an impairment that precludes participation, or simply cannot be located. When unit nonresponse is high, there is potential for bias if responders have different characteristics than nonresponders. For example, if unit nonresponse is high among individuals with more severe disabilities, the results about employment may be biased.

Minimizing unit nonresponse on the NBS

- The NBS was designed as a dual-mode survey to provide varied opportunities to find, contact, and interview beneficiaries. Mathematica made all initial attempts by telephone using Computer-Assisted Interviewing (CATI). If we could not locate and contact a sample person by telephone, a field locator was deployed to make contact in person. Once located, the field locator attempted to facilitate an interview with the sample person via CATI, using a staff cell phone to call into the data collection center. If a sample member could not complete the interview by telephone in this manner due to his or her disability, trained field staff conducted the interview in person using Computer-Assisted Personal Interviewing (CAPI). Using field locators and interviewers only as a follow-up for nonresponders offered significant cost savings and provided a balance between cost and maximizing response.
- Interviewers were trained extensively in refusal avoidance techniques. This included reviewing frequently asked questions as well as role-playing refusal avoidance. During CATI interviewing, monitors provided interviewers with real-time feedback and suggestions related to refusal avoidance. In addition, field managers maintained regular contact with field locators and interviewers and provided recommendations for gaining the sample members' cooperation. In our refusal conversion effort, we mailed refusal conversion letters to sample members who declined being interviewed.
- We conducted extensive locating efforts in advance of and throughout the data collection period. This included LexisNexis/Accurint searches prior to and during the data collection period, reverse directory look-ups, and intensive case-by-case efforts by in-house locating staff. If a telephone number could still not be located, we sent the case to a field interviewer for in-person locating. On average, we spent an hour of effort on cases that required locating. Using these means, we successfully located approximately 84 percent of the sample.
- An advance letter mailed to all sample members prior to data collection promised a $20 monetary incentive to help reduce nonresponse. Prior to assigning cases to the field, we sent sample members a $5 prepay incentive. We offered the remaining $15 when the survey was completed. In each correspondence, we assured sample persons that their individual responses would be kept confidential. We reiterated this at the start of the interview and as needed throughout.
- We included an experiment at Round 5 to examine the impact of offering a differential incentive on response rates. We randomly assigned sample members to one of three groups.

We offered the "early differential" group $30 if they responded within the first 21 days of data collection. Thereafter, we offered them $20. We offered the "late differential" group $30 if they responded within a prescribed 21-day period prior to the start of our field effort. Prior to and after this time period, we offered $20. We offered the "standard" group $20 throughout the data collection period. According to the results, the two differential groups responded at a slightly higher rate than did the individuals in the standard group, 55 percent versus 52 percent.

- We attempted to reduce barriers to participation in the survey by providing options to conduct the survey using Telecommunications Relay Service (TRS) or interviewing the sample individual in person.
- If a sample member could not respond to the survey due to a severe cognitive impairment, we permitted an assisted or proxy interview. We determined the need for such an interview using an innovative cognitive screener administered to all sample members prior to the start of the survey.[59]
- We computed adjusted weights for two phases of nonresponse (location and completion). In our experience with the NBS, factors associated with the inability to locate a person tend to differ from factors associated with cooperation. The unlocated person generally does not deliberately avoid or otherwise refuse to cooperate. For instance, that person may have chosen not to list his or her phone number or may frequently move from one address to another, even though there is no evidence to suggest that, once located, he or she would show a specific unwillingness to cooperate with the survey. Located nonrespondents, on the other hand, may deliberately avoid the interviewer or express displeasure or hostility toward surveys in general, or SSA in particular. Thus we calculated the adjustment factor in two stages: (1) by estimating a propensity score for locating a sample member and (2) by estimating a propensity score for response among these located sample members. We have made available a full discussion of the impact of nonresponse bias and adequacy of the nonresponse adjustments in the National Beneficiary Survey Round 5: Nonresponse Bias Analysis (Grau et al. 2017).

B. Item nonresponse

Item nonresponse occurs when a respondent indicates that he or she does not know the answer to a question or refuses to provide an answer to the question. High levels of nonresponse on a particular survey item can result in increased variance of the estimate for that item and, when nonresponse is sufficiently high, the end user can render the survey item useless.

Item nonresponse occurs for a myriad of reasons including, but not limited to, a true lack of knowledge, lack of desire to answer items perceived as "too personal," inability to comprehend the question, inability to recall specific information, difficulty providing responses within the prescribed response categories, or disinterest in the survey item.

[59] At the beginning of the survey, we asked sample members three questions focused on the topics of the survey and the concepts of confidentiality and voluntary participation. We then asked them to restate the information, in their own words. If the sample member fails to accurately restate the information for one or more items, we obtained a proxy.

Approaches to minimizing item nonresponse on the NBS

- Although few items in the NBS were sensitive, items were included that asked respondents to report on alcohol and drug use and on earnings. To alleviate concerns about sharing sensitive information with SSA or other external parties, we assured respondents at the beginning of the interview that all the information they provided would be kept confidential, and interviewers reiterated this as necessary during the interview.
- If respondents refused to answer, or responded "don't know" to questions about earnings, we probed with a follow-up question asking respondents to identify in which range their income fell.
- Within the survey instrument, we made probes and definitions available to the interviewer to read, as necessary. For example, sample members are often unclear about whether they have Medicare or Medicaid insurance and may require additional information to help them answer the question.
- We allowed sample members to receive assistance with survey questions if they lacked the information necessary to answer the question. For example, a sample member may not know what month and year he or she started a particular program. If a knowledgeable person was available at the interview, we allowed the sample member to ask the person for help answering the item.
- We administered the NBS data collection instruments with computer-assisted interviewing (CAI) technology, which allowed the use of automated routing to move to the applicable questions and perform checks of the entered data for consistency and reasonableness during the interview. In addition, because CAI does not permit a question to be left blank, the interviewer could not proceed until an appropriate response was entered. (We included "don't know" and "refused" as response options and used as necessary.) These processes substantially reduced the extent of item nonresponse for this survey, although some nonresponse persisted when, for example, the interviewer recorded a "don't know" or "refused" as a response. For key items that we identified in advance as critical to analyses, we imputed missing data primarily using two methods of imputation to compensate for item nonresponse: deductive (or logical) imputation and unweighted hot-deck imputation.

We would like to note that we did not ask proxy respondents certain subjective questions that pertained to satisfaction with services and what respondents knew and did not know about specific programs. We did this to minimize bias resulting from measurement error because proxies would not be able to report accurately on such items. However, doing so resulted in higher nonresponse for these items. Additionally, it is possible that more impaired respondents (those who required a proxy) would have systematically reported more or less satisfaction with or knowledge of services than those who responded to these items. We are not certain if this bias occurred and, if so, in what direction.

C. Specification error

Specification error occurs when the intended concept of a question is not what the respondent actually considers when formulating a response. This can result in data that lack internal validity; that is, we did not measure what was intended to be measured.

Approaches to minimizing specification error on the NBS

- Developers of the initial NBS included cognitive and pretest testing to determine how respondents interpreted key questions before responding.[60] We made modifications to the questionnaire based on these initial findings. We made additional modifications prior to Round 5 of the General Waves to accommodate changes in reference periods and in federal programs. In addition, we deleted questions specific to Ticket to Work.
- Whenever possible, we used existing and well-validated items making minor modifications as needed to suit the population and topic. We took many questions from SSA surveys or from other federal agency-conducted surveys. We obtained others, such as the SF-8™ scale, with licensing agreements.
- In the early stages of NBS interviewing, both CATI and CAPI interviewers participated in a series of debriefings designed to provide the research team with more information about what was working well with the survey and whether there were still items that were difficult or confusing for the respondent to answer. Based on these discussions, we added probes and definitions to clarify questions, if needed.
- We translated the NBS into Spanish and trained and certified bilingual interviewers to administer the instrument to minimize language comprehension problems for Spanish-speaking respondents. In 41 cases, the potential respondent could not complete the language in either English or Spanish. Because there were so few cases, we did not attempt to conduct interviews with these respondents. Bias may result from excluding these sample members; however, we believe error resulting from this source is negligible, given the low occurrence.

D. Measurement error

Measurement error occurs when the response provided differs from the real value. Such error can be the result of characteristics or actions of the respondent or interviewer or characteristics of the survey instrument or the environment. In this section, we discuss each source (respondent, interviewer, instrumentation, and environment) and follow with a description of efforts taken to minimize their impact in the NBS.

1. Respondent-based measurement error

Respondents may contribute to TSE by providing, knowingly or unknowingly, inaccurate responses to survey questions. This can occur for many reasons, including challenges associated with recall, a desire to please the interviewer, or a lack of interest in the survey. Our particular focus with this survey was on reducing respondent-based measurement error because many NBS sample members had mental and physical impairments that could make processing of information and providing a response difficult. Such impairments included brain injuries, intellectual disabilities, autism, psychiatric disorders, and hearing and speech impairments. Our challenge was to collect detailed, accurate information during a lengthy interview from individuals with a variety of health conditions and impairments. We identified several barriers to successful interviewing, including cognitive and stamina issues, and identified methods to overcome them.

[60] Westat conducted cognitive testing under a separate contract.

Approaches to minimizing respondent-based measurement error on the NBS

- An important component of offsetting cognitive and stamina barriers was careful attention to instrument design, including the use of structured probes, simplifying questionnaire wording, and adding suggested stopping points. We also conducted specialized interviewer training designed to sensitize interviewers to common challenges associated with telephone interviews of persons with disabilities. In addition, as mentioned above, we trained interviewers to identify and use appropriate accommodations such as TRS and amplifiers to minimize challenges associated with interviewing persons with speech or hearing impairments.
- When necessary, we allowed respondents to receive assistance from someone knowledgeable (such as a parent or other family member) for items that were particularly challenging, such as providing names of services received, amount of earnings, insurance type, and so on. For some items, we allowed the interviewer to assist the respondent with mathematical calculations. For example, we allowed the interviewer to sum values the respondent provided to generate the single monetary amount to enter as the response.
- If a respondent's cognitive barrier was such that we had reason to doubt his or her ability to comprehend the nature of the survey, we sought a proxy respondent. We determined this through the administration of a cognitive screener (administered to all respondents) or through information gathered by a knowledgeable gatekeeper. We wish to note that the cognitive screener we used for the NBS has not been formally validated against another comparable measure. Thus, although the purpose of the screener was to standardize interview assessments of respondents' cognitive abilities, we do not know how many false positives (screening people out who could have completed the survey) and false negatives (screening people who may not have understood the survey question) we obtained. We do not know the extent to which this may have contributed to measurement error. Bias may have been introduced by proxies who provided information that was not as accurate as what the sample person could have provided on his or her own. Conversely, a sample member may have provided erroneous answers if they participated when he or she did not comprehend the questions.
- Respondents, particularly those with severe health impairments, may become fatigued or disinterested during the survey. As a result, they may not fully process each question, but rather simply provide the same response to a series of like items, regardless of the accuracy of their responses. We trained interviewers to recognize the signs and to "check in" with the respondent to see if a rest break was needed or to encourage participation to complete the survey, if nearing the end of the survey. We also trained interviewers to set call-back appointments for times in which the respondent would be most alert, and to break the interview into segments, rather than completing it in one session, when necessary.
- We included items in the NBS that asked respondents about events that had occurred in the prior year. We employed several techniques to aid respondent recall, including pre-filling state agency names dates, state Medicaid names, and names of providers from which the respondent received services. In addition, we assured respondents that their best estimates were fine when they were asked to provide earnings or income information and we allowed them to report in whatever unit was easiest for them (for example, hourly, weekly, biweekly, monthly, or annual income).

- We incorporated hard and soft edits into the survey instrument to identify potential errors in respondent reporting as well as potential error in interviewer data entry. If a respondent reported discrepant information or an out-of-range value, a soft or hard edit would appear, instructing the interviewer to further question the respondent to gather the current information (or to note an exception explaining the reported information).
- Finally, to reduce beneficiaries' concerns that we will share individual responses with SSA or others beyond the project team, we sent an advance letter to all sample persons assuring beneficiaries that their individual responses would be kept confidential. Interviewers reiterated this at the start of the interview and as needed throughout.

2. Interviewer-based measurement error

Interviewers can also negatively impact data quality. Simple examples of this are when an interviewer does not read an optional probe that could be useful to the respondent, and when no probe is available and the interviewer decides to explain, in his or her own words, the meaning of the question. In both instances, the respondent's ability to answer accurately is jeopardized because, in the former case, there is a lack of clarifying information and, in the latter case, a respondent could potentially give the wrong information. Only through careful interviewer recruitment, hiring, training, supervision, monitoring, and feedback can interviewer error be minimized.

Approaches to minimizing interviewer-based measurement error on the NBS

In a first step towards reducing interview-based error, we recruited and hired high-quality interviewers. The vast majority of CATI and CAPI interviewers had experience interviewing on previous rounds of the NBS or had worked on other disability-related projects at Mathematica. We selected interviewers on the basis of their performance on comparable studies, expertise in locating and gaining cooperation from sample members, demonstrated reliability, skills in communication and accurate reading and recording, and an aptitude for the administrative and reporting requirements of survey work. We made certain that all interviewers went through criminal background checks and received security clearance from SSA.

- Interviewer training was intensive and thorough. When first hired, Mathematica provides interviewers with an eight-hour training in the best practices of standardized interviewing. In addition to basic interviewing techniques, interviewers practice how to engage respondents by stating the purpose and the importance of the survey and by stressing confidentiality. Interviewers also develop the skills needed to collect accurate and complete data: reaching the correct respondent and recording answers carefully and completely. Training also covers recording the results of each contact attempt into the CATI system and using this information effectively in a subsequent contact attempt. In addition, Mathematica provided telephone interviewers with a two-day training, and in-person interviewers received a three-day, project-specific training. In training, we covered the following: a general project overview, a description of data collection and the sample, sensitivity awareness related to interviewing persons with a disability, frequently asked questions and refusal avoidance, conducting assisted and proxy interviews, probing for medical condition, probing for occupation, and a question-by-question walkthrough of the instrument. We provided in-person locators and interviewers with additional training on field-related activities, such

locating and tablet management. We also required interviewers were required to pass a certification process before they were qualified to conduct interviews.

- During data collection, the Survey Operations Center supervisors and members of the research team continuously monitored the telephone interviewers. They monitored a minimum of 10 percent of all calls each telephone interviewer made by listening to live and recorded interviews, and viewing CATI screen movement. They recorded information about communication with the sample member or proxy (verbal clarity, ease of dialogue), data entry accuracy, and any problems that they observed or heard, and provided feedback to interviewers immediately at the end of the interview.
- We did not monitor in-person field interviewers live. Because in-field monitoring is costly (involving sending a second interviewer on visits or special equipment), we instead required all interviewers be certified before interviewing began and validated a minimum of 10 percent of each interviewer's completed cases. During the certification process, we required interviewers to practice several mock interviews with a trainer (including activities that should occur before and after interviewing, per the interviewing protocol). Once judged proficient by an interviewing supervisor, the supervisor deemed the interviewer certified. Validation of interviews involved contacting randomly selected respondents (by mail and phone) and asking questions about the length of the interview, the types of questions asked, and whether a computer was used. If a respondent reported information that raised concerns; for example, interview took 10 minutes or no computer was used, the interviewer's field manager contacted the interviewer for an explanation. Field managers followed up on 10 percent of cases and found no interviews to be fraudulent.

3. Instrument-related measurement error

A poorly designed instrument can increase measurement error. Questions lacking clarity, confusing instructions, and terms that are easily misunderstood can result in respondents reporting erroneous information or interviewers providing unclear instructions. Further, because NBS was administered via both CATI and CAPI, programming errors and mode effects could have contributed to overall survey error.

Approaches to minimizing instrument-related measurement error on the NBS

- As mentioned previously, in prior rounds, we put the survey through extensive cognitive testing and pretesting prior to fielding. Pretesting allowed a full review of the interviewing process, including the introduction, screening respondents, and conducting the full interview.
- Mode of data collection, telephone versus in person, may result in differences in the quality of data collected. To minimize mode effects for this survey, the questionnaire was identical in each mode. Because both modalities involved an interviewer and few items were sensitive, we expected mode effects to be minimal.
- We conducted intensive testing of both the CATI and CAPI instruments prior to the start of data collection to minimize errors associated with programming. In Round 5 testing, we focused on changes made to the instrument since the previous data collection round. We gave testers testing scenarios and asked them to note issues regarding skip patterns, prefill

information, question wording, and answer options. Once testing was completed, programmers made modifications and we conducted a final review.

- We conducted a frequency review of the first 200 completed cases, which focused on identifying both potential skip-pattern and data-entry issues. We addressed problems through programming changes or interviewer retraining. We conducted additional frequency reviews throughout the data collection period.

4. Environment-related measurement error

In some cases, the environment may impact the respondent's ability to be attentive and provide accurate responses or the interviewer's ability to conduct the interview in a smooth, coherent fashion. For example, a respondent holding a crying baby during the interview will likely distract both the respondent and the interviewer and can make questions difficult to hear, process, and answer. The result could be high levels of item nonresponse or the provision of erroneous information by the respondent.

Approaches to minimizing environmental-related measurement error on the NBS

- We trained interviewers to assess the environment before and during the interview to determine whether a noise distraction such as other individuals in the area or a television was interfering with the interview process. If the interviewer determined that such a distraction existed, interviewers made every attempt to change the environment through polite suggestions, such as relocating to another available space or asking if the distraction could be minimized for the duration of the interview.
- We also trained interviewers to conduct the interview at a convenient time for the sample member and to suggest a call-back if respondents did not want to participate when called or needed to stop the interview before finishing.
- Ensuring respondents' privacy during the interview was essential to gathering accurate answers. We trained interviewers to be aware of cues that the respondent was concerned that others could hear their responses. If such instances occurred, interviewers suggested changing the conditions of the interview, such as relocating to a different part of the house or turning away from an area.

5. Data processing error

Errors in data processing can occur as a result of errors in data entry, coding, or weighting or analysis activities.

Approaches to minimizing data processing errors on the NBS

- We incorporated a number of hard and soft edits into the CAI program to minimize data entry errors during the interview. For example, if the interviewer entered a date in the future, a hard edit appeared that prompted him or her to correct the mistake. If a respondent reported a large discrepancy between pre- and post-tax pay, a soft edit appeared prompting the interviewer to confirm what he or she had entered.
- Several questions in the NBS required coding of verbatim response, including items about disabling conditions, occupation and industry, and items allowing an "other" response. To

ensure consistent coding of verbatim responses, we conducted a comprehensive coder training. Research staff or an operations supervisor reviewed a minimum of 10 percent of all coded items. Coders referred all questions to a supervisor and then logged coding decisions for future reference. Details of the coding procedures can be found in the National Beneficiary Survey Round 5: Editing, Coding, Imputation, and Weighting Procedures (Grau et al. 2017).

- Although developers programmed (in Blaise) the questionnaire to delete all responses that go off-path if an interviewer backs up and changes a response, we wanted to ensure that all such data were cleared from the instrument. Consequently, we conducted an intensive review of the survey data, including running several edit checks to identify consistency or skip-pattern problems. We edited improbable or out-of-range responses and imputed missing data on key items. If we identified systematic errors, we revised items in subsequent rounds.
- As part of a quality-assurance process, a senior statistician reviewed code used to create participant, beneficiary, and combined weights, as well as imputation code, . In some cases, the review resulted in revising the code and recreating weights or imputed values, while others required further explanation by the project statistician.

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III. THE IMPACT OF TSE ON DATA QUALITY FOR THE NBS

The cumulative impact of TSE is difficult to measure. To evaluate the impact of TSE on NBS estimates, we examined various indicators of data quality where we reasonably could, namely for the purposes of assessing the impact of unit nonresponse, item nonresponse, and measurement error.

A. Unit nonresponse

Because we obtained fewer than the targeted number of completes in most sampling strata at Round 5 and achieved lower-than-expected response rates, we were particularly concerned about unit nonresponse error and bias. We conducted a nonresponse bias analysis at the conclusion of data collection, using all 7,682 sample cases, to determine if there were systematic differences between respondents and nonrespondents that could result in nonresponse bias (Grau et al. 2017). In sum, our analysis indicates that differences did exist between responders and nonresponders among variables that were not controlled for in the sample design. However, the nonresponse adjustments to the weights alleviated all known differences observed in the beneficiary sample. Some estimates from respondents using nonresponse-adjusted weights differed from the values in the sampling frame, but these mirrored differences that existed between the sampling frame and the entire sample using the initial sampling weights.

B. Item nonresponse

As we expected, item nonresponse was not substantial. It was less than 5 percent for all items, with the exception of those asking for wages and household income. (Household income was the highest with 35 percent missing data.) We imputed missing data for key items that had been identified in advance as critical to analyses.

C. Measurement error

We have little ability to evaluate the impact of measurement error on the NBS. The best test would be to compare survey responses to an external data source such as SSA administrative data. However, few items are available for this type of analysis (namely insurance type and participation in SSA programs).

In the prior round of the NBS (Round 4), we conducted an experiment to compare data collected via CATI and CAPI as a means to assess the impact of interview mode on quality.[61] Evidence from this study suggests that mode of interview had a modest impact on data quality for this population.

However, in this round of the NBS, we completed far fewer interviews using CAPI—only 10 percent compared to 22 percent in the prior round. To minimize CAPI, once we located a sample member in person, he or she called into the survey operation center and completed the

[61] Mathematica, in a separate contract with the National Institute on Disability and Rehabilitation Research, now known as the National Institute on Disability, Independent Living, and Rehabilitation Research, funded this experiment.

interview by telephone. We believe we reduced mode effects by minimizing face-to-face data collection.

APPENDIX B

AVAILABILITY OF NBS VARIABLES ON THE RESTRICTED AND PUBLIC USE DATA FILES

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Table B.1 Availability of NBS variables on the restricted and public use data files

Variable Name	Variable Label	Restricted Access	Public Use
R5_PIN	PIN	X	
R5_Caseid_pub	Caseid (Public)	X	X
R5_FINAL	Final Status Code	X	
R5_LASTDATE	Interview Date	X	
R5_C_INTDAY	Day of Interview	X	
R5_C_INTMNTH	Month of Interview	X	
R5_C_INTYEAR	Year of Interview	X	
R5_C_Rtype	SM or Proxy Interview	X	X
R5_C_Resptype	Assistance Required by SM or Proxy	X	X
R5_PROXY_FLAG	Proxy Flag	X	
R5_C_INTMODE	Interview Mode	X	
R5_INTERVIEWLANGUAGE	Interview Language	X	
R5_C_INTAGE	Age at Interview	X	
R5_c_IntAge_Pub	Age at Interview (Public)	X	X
R5_ORGSAMPINFO_DOB	Sample Date of Birth	X	
R5_ORGSAMPINFO_SDATE	Date Sample Frame Pulled	X	
R5_ORGSAMPINFO_SSIAGE	Sample Age First Recieved SSI Benefits	X	
R5_ORGSAMPINFO_PSU	Sample PSU	X	
R5_ORGSAMPINFO_RELEASE	Sample Release Number	X	
R5_ORGSAMPINFO_BSTATUS	Sample Benefit Type	X	X
R5_ORGSAMPINFO_AGE	Sample Age	X	
R5_ORGSAMPINFO_PRIMDIAGT16	PRIMARY DIAGNOSIS-T16	X	
R5_ORGSAMPINFO_PRIMDIAGT2	PRIMARY DIAGNOSIS-T2	X	
R5_ORGSAMPINFO_SECDIAGT16	SECONDARY DIAGNOSIS-T16	X	
R5_ORGSAMPINFO_SECDIAGT2	SECONDARY DIAGNOSIS-T2	X	
R5_ORGSAMPINFO_Hispanic	Sample Hispanic or Non-Hispanic	X	X
R5_ORGSAMPINFO_RACE	Sample Race	X	
R5_ORGSAMPINFO_SEX	Sample Sex	X	X
R5_C_COHORT	Beneficiary Age Cohort	X	
R5_a_strata	Analytical Strata	X	X
R5_A_PSU	Analytical PSU	X	
R5_a_psu_pub	Analytical PSU scrambled (Public)	X	X
R5_WTR5_BEN	r5 beneficiary weight	X	X
R5_A68	Reported Month of Birth	X	
R5_A68A	Reported Day of Birth	X	
R5_A68B	Reported Year of Birth	X	
R5_A69	Reported Age	X	
R5_A73	Respondent and Interview Type	X	
R5_A74	Resp Lists Topics of Survey (First Time)	X	
R5_A76	Resp Lists Topics of Survey (Second Time)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_A77	Resp Understands Voluntary (First Time)	X	
R5_A77A	Resp Understands Voluntary (Second Time)	X	
R5_A78	Resp Understands Confidential (First Time)	X	
R5_A78A	Resp Understands Confidential (Second Time)	X	
R5_A86	New Proxy Lists Topics of Survey (First Time)	X	
R5_A88	New Proxy Lists Topics of Survey (Second Time)	X	
R5_A89	New Proxy Understands Voluntary (First Time)	X	
R5_A89A	New Proxy Understands Voluntary (Second Time)	X	
R5_A90	New Proxy Understands Confidential (First Time)	X	
R5_A90A	New Proxy Understands Confidential (Second Time)	X	
R5_A92	Proxy Failed Cognitive Test	X	
R5_B1	Limited b/c of Phys/Mental Condition	X	X
R5_B3	Limited by Other Phys/Mental Conditions	X	X
R5_B5	Currently receiving benefits	X	
R5_B7	Eligible for Other Reasons	X	
R5_B9	Recvd Benefits In Last 5 Yrs	X	
R5_B11	Still Have Conditions That Made Elig	X	
R5_B13	Previously Eligible for Other Reasons	X	
R5_B16	Limited by Other Conds When First Recvd Benefits	X	
R5_B18_AGE	Age First Became Limited	X	
R5_B18_YEAR	Year First Became Limited	X	
R5_B19	Limited Before 18	X	
R5_B22	Working For Pay When First Limited	X	
R5_B23	Job When First Limited Required Comp Use	X	
R5_B23_2	Access Internet	X	X
R5_B23_3	Used Computer to Access Information	X	X
R5_B24	Currently Working	X	
R5_b24_i	Currently Working, Imputed	X	X
R5_B24_IFLAG	Currently Working, Imputation Flag	X	
R5_B25_A	Not Working b/c Phys/Mental Condition	X	X
R5_B25_B	Not Working b/c Can't Find Job Qualified For	X	X
R5_B25_C	Not Working b/c Transportation Problem	X	X
R5_B25_D	Not Working b/c Caring for Someone	X	X
R5_B25_F	Not Working b/c Can't Find Job Want	X	X
R5_B29_F1	Contact a former employer in person, by mail or email, or by phone	X	X
R5_B25_G	Not working b/c Finishing School	X	X
R5_B25_H	Not working b/c Workplaces Not Accessible	X	X
R5_B25_I	Not Working b/c Lose Benefits	X	X
R5_B25_J	Not Working b/c Discouraging	X	X
R5_B25_L	Not Working b/c Others Don't Think Can Work	X	X
R5_B25_M	Not working b/c Employers Won't Give Chance	X	X
R5_B25_N	Not Working b/c Can't find a job/job market is bad	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_B25_O	Not Working b/c Lack skills	X	X
R5_B25_P	Not Working b/c no Special Equipment or Devices	X	X
R5_B25_Q	Not Working b/c no Personal Assistance	X	X
R5_B26	Other Reasons Not Currently Working	X	X
R5_B28	Looked for Work in Last 4 Weeks	X	X
R5_B28A	Looking for Part or Full Time Work	X	X
R5_B28B	Hours per Week Would Like to Work	X	
R5_B29_A	Contacted Unemploy Office to Look For Work	X	X
R5_B29_B	Contacted Friends/Rels to Look For Work	X	X
R5_B29_C	Looked at Ads to Look For Work	X	X
R5_B29_D	Contacted State VR to Look For Work	X	X
R5_B29_E	Contacted Indep Living Center to Look For Work	X	X
R5_B29_F	Contacted Employ Agency to Look For Work	X	X
R5_B29_G	Contacted Employers to Look For Work	X	X
R5_B29_H	Did Something Else to Look For Work	X	X
R5_B29_1A	Received Any Job Offers within the Past 4 Weeks	X	X
R5_B29_1B	Turned Down Job Offered within Past 4 weeks	X	
R5_B29_2_A	Declined Job Offer b/c No Special Equipment or Devices	X	
R5_B29_2_B	Declined Job Offer b/c No Personal Assistance	X	
R5_B29_2_C	Declined Job Offer b/c No Help Caring for Others	X	
R5_B29_2_D	Declined Job Offer b/c No Reliable Transportation	X	
R5_B29_2_E	Declined Job Offer b/c No Flexible Schedule	X	
R5_B29_2_F	Declined Job Offer b/c Job Did Not Pay Enough	X	
R5_B29_2_G	Declined Job Offer b/c No Health Insurance Benefits	X	
R5_B29_2_H	Declined Job Offer b/c Would Have Lost Benefits (SS, Medicaid, etc.)	X	
R5_B29_2_I	Declined Job Offer for Other Reason	X	
R5_B29_3A	Lowest Wage/Salary Needed to Accept Job Declined	X	
R5_B29_3AHOP	How Often Paid for Job Declined	X	
R5_B29_3B	Lowest Wage/Salary Needed to Accept Job if Offered	X	
R5_B29_3BHOP	How Often Paid for Job if Offered	X	
R5_B29_4A	Hours per Week Expect to Work for Job Declined	X	
R5_B29_4B	Expect to Work Full or Part Time at Job Declined	X	
R5_B29_5	Contacted Someone to Find out How Benefits Affected if Took Job Declined	X	
R5_B29_6_1	Worried About Losing Private Disability Insurance if Took Job Declined	X	
R5_B29_6_2	Worried About Losing Workers' Compensation if Took Job Declined	X	
R5_B29_6_3	Worried About Losing Veterans' Benefits if Took Job Declined	X	
R5_B29_6_4	Worried About Losing Medicare if Took Job Declined	X	
R5_B29_6_5	Worried About Losing Medicaid if Took Job Declined	X	
R5_B29_6_6	Worried About Losing SSA Disability Benefits if Took Job Declined	X	
R5_B29_6_7	Worried About Losing Public Assistance if Took Job Declined	X	
R5_B29_6_8	Worried About Losing Food Stamps if Took Job Declined	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_B29_6_9	Worried About Losing Personal Assistance Services if Took Job Declined	X	
R5_B29_6_10	Worried About Losing Unemployment Benefits if Took Job Declined	X	
R5_B29_6_11	Worried About Losing Other State Disability Benefits if Took Job Declined	X	
R5_B29_6_12	Worried About Losing Other Government Programs if Took Job Declined	X	
R5_B29_6_13	Worried About Losing Other Benefits if Took Job Declined	X	
R5_B29_6_14	Worried About Losing Health Insurance (unspecified type) if Took Job Declined	X	
R5_B29_7_A	Unable to Find Job b/c no Special Equipment or Devices	X	X
R5_B29_7_B	Unable to Find Job b/c no Personal Assistance	X	X
R5_B29_7_C	Unable to Find Job b/c no Help Caring for Others	X	X
R5_B29_7_D	Unable to Find Job b/c no Reliable Transportation	X	X
R5_B29_7_E	Unable to Find Job b/c Jobs Do Not Have Flexible Schedule	X	X
R5_B29_7_F	Unable to Find Job b/c no Jobs Qualified for	X	X
R5_B29_7_G	Unable to Find Job b/c Jobs Do Not Pay Enough	X	X
R5_B29_7_H	Unable to Find Job b/c Employers Won't Give Chance to Show Can Work	X	X
R5_B29_7_I	Unable to Find Job b/c no Health Insurance Benefits	X	X
R5_B29_7_J	Unable to Find Job b/c Would Lose Benefits	X	X
R5_B29_7_K	Unable to Find Job for Other Reason	X	X
R5_B29_8A	Lowest Wage/Salary Needed to Accept Job if Found One	X	
R5_B29_8AHOP	How Often Paid if Found Job	X	
R5_B29_8B	Lowest Wage/Salary Needed to Accept Job if Found and Offered	X	
R5_B29_8BHOP	How Often Paid if Job Found and Offered	X	
R5_B29_8C	Hours per Week Expect to Work at Job if Found and Offered	X	
R5_B29_8D	Expect to Work Full or Part Time at Job Found and Offered	X	
R5_B29_9	Contacted Someone to Find out How Benefits Affected if Found Job	X	
R5_B29_10_1	Worried About Losing Private Disability Insurance if Found Job	X	
R5_B29_10_2	Worried About Losing Workers' Compensation if Found Job	X	
R5_B29_10_3	Worried About Losing Veterans' Benefits if Found Job	X	
R5_B29_10_4	Worried About Losing Medicare if Found Job	X	
R5_B29_10_5	Worried About Losing Medicaid if Found Job	X	
R5_B29_10_6	Worried About Losing SSA Disability Benefits if Found Job	X	
R5_B29_10_7	Worried About Losing Public Assistance if Found Job	X	
R5_B29_10_8	Worried About Losing Food Stamps if Found Job	X	
R5_B29_10_9	Worried About Losing Personal Assistance Services if Found Job	X	
R5_B29_10_10	Worried About Losing Unemployment Benefits if Found Job	X	
R5_B29_10_11	Worried About Losing Other State Disability Benefits if Found Job	X	
R5_B29_10_12	Worried About Losing Other Government Programs if Found Job	X	
R5_B29_10_13	Worried About Losing Other Benefits if Found Job	X	
R5_B29_10_14	Worried About Losing Health Insurance (unspecified type)if Found Job	X	
R5_B29_11A	Contacted Someone to Find out How Benefits Affected if Looked for Work	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_B29_11B_1	Worried About Losing Private Disability Insurance if Looked for Work	X	
R5_B29_11B_2	Worried About Losing Workers' Compensation if Looked for Work	X	
R5_B29_11B_3	Worried About Losing Veterans' Benefits if Looked for Work	X	
R5_B29_11B_4	Worried About Losing Medicare if Looked for Work	X	
R5_B29_11B_5	Worried About Losing Medicaid if Looked for Work	X	
R5_B29_11B_6	Worried About Losing SSA Disability Benefits if Looked for Work	X	
R5_B29_11B_7	Worried About Losing Public Assistance or Welfare if Looked for Work	X	
R5_B29_11B_8	Worried About Losing Food Stamps if Looked for Work	X	
R5_B29_11B_9	Worried About Losing Personal Assistance Services if Looked for Work	X	
R5_B29_11B_10	Worried About Losing Unemployment Benefits if Looked for Work	X	
R5_B29_11B_11	Worried About Losing Other State Disability Benefits if Looked for Work	X	
R5_B29_11B_12	Worried About Losing Other Government Programs if Looked for Work	X	
R5_B29_11B_13	Worried About Losing Other Benefits if Looked for Work	X	
R5_B29_11B_14	Worried About Losing Health Insurance (unspecified type) if Looked for Work	X	
R5_B29_12A	Lowest Wage/Salary Needed to Accept Job if Looked for Work	X	
R5_B29_12AHOP	How Often Paid if Looked for Work	X	
R5_B29_12B	Hours per Week Expect to Work at Job if Looked for Work	X	
R5_B29_12C	Expect to Work Full or Part Time if Looked for Work	X	
R5_B30	Worked in 2014	X	X
R5_B30_B	Worked For Pay Since Receiving Disability Benefits	X	X
R5_B36	Ever Worked	X	
R5_B37	Goals Include Working	X	X
R5_B37A	Goals Include Stop Receiving Benefits	X	X
R5_B38	Ever Discuss Work Goals	X	X
R5_B39	Who Discuss Work Goals w/ Most	X	X
R5_B40	Person Discuss Goals w/ Most Thinks Work Should be Goal	X	X
R5_B41	Discuss Work Goals With Someone Else	X	X
R5_B42	Who Else Discuss Work Goals w/ (Second Person)	X	X
R5_B43	Second Person Discuss Goals w/ Thinks Work Should Be Goal	X	X
R5_B44	Discuss Work Goals With Anyone Else	X	X
R5_B45	Who Else Discuss Work Goals w/ (Third Person)	X	X
R5_B46	Third Person Discuss Goals w/ Thinks Work Should Be Goal	X	X
R5_B47_A	See Working for Pay Next Year	X	X
R5_B47_B	See Working to Stop Benefits	X	X
R5_B47_C	See Working for Pay Next Five Years	X	X
R5_B47_D	See Working to Stop Benefits Next Five Years	X	X
R5_C_MAINCONICD9_1	Main Condition ICD-9 (Code 1)	X	
R5_C_MAINCONICD9_2	Main Condition ICD-9 (Code 2)	X	
R5_C_MAINCONICD9_3	Main Condition ICD-9 (Code 3)	X	
R5_C_MAINCONICD9_4	Main Condition ICD-9 (Code 4)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_MAINCONICD9_5	Main Condition ICD-9 (Code 5)	X	
R5_C_MAINCONICD9_6	Main Condition ICD-9 (Code 6)	X	
R5_C_MAINCONICD9_7	Main Condition ICD-9 (Code 7)	X	
R5_C_MAINCONICD9_8	Main Condition ICD-9 (Code 8)	X	
R5_C_MAINCONICD9_9	Main Condition ICD-9 (Code 9)	X	
R5_C_MAINCONICD9_10	Main Condition ICD-9 (Code 10)	X	
R5_C_MAINCONICD9_11	Main Condition ICD-9 (Code11)	X	
R5_C_MAINCONDIAGGRP_1	Main Condition Diagnosis Group (Code 1)	X	
R5_C_MAINCONDIAGGRP_IFLAG	Main Condition Diagnosis Group (Code 1), Imputation Flag	X	
R5_C_MAINCONDIAGGRP_I	Main Condition Diagnosis Group (Code 1), Imputed	X	
R5_C_MAINCONDIAGGRP_2	Main Condition Diagnosis Group (Code 2)	X	
R5_C_MAINCONDIAGGRP_3	Main Condition Diagnosis Group (Code 3)	X	
R5_C_MAINCONDIAGGRP_4	Main Condition Diagnosis Group (Code 4)	X	
R5_C_MAINCONDIAGGRP_5	Main Condition Diagnosis Group (Code 5)	X	
R5_C_MAINCONDIAGGRP_6	Main Condition Diagnosis Group (Code 6)	X	
R5_C_MAINCONDIAGGRP_7	Main Condition Diagnosis Group (Code 7)	X	
R5_C_MAINCONDIAGGRP_8	Main Condition Diagnosis Group (Code 8)	X	
R5_C_MAINCONDIAGGRP_9	Main Condition Diagnosis Group (Code 9)	X	
R5_C_MAINCONDIAGGRP_10	Main Condition Diagnosis Group (Code 10)	X	
R5_C_MAINCONDIAGGRP_11	Main Condition Diagnosis Group (Code 11)	X	
R5_C_MAINCONCOLDIAGGRP_1	Main Condition Diagnosis Group Collapsed (Code 1)	X	
R5_C_MAINCONCOLDIAGGRP_I	Main Condition Diagnosis Group Collapsed (Code 1), Imputed	X	
R5_C_MAINCONCOLDIAGGRP_I_PUB	Main Condition Diagnosis Group Collapsed (Code 1), Imputed (Public)	X	X
R5_C_MAINCONCOLDIAGGRP_IFLAG	Main Condition Diagnosis Group Collapsed (Code 1), Imputation Flag	X	
R5_C_MAINCONCOLDIAGGRP_2	Main Condition Diagnosis Group Collapsed (Code 2)	X	
R5_C_MAINCONCOLDIAGGRP_3	Main Condition Diagnosis Group Collapsed (Code 3)	X	
R5_C_MAINCONCOLDIAGGRP_4	Main Condition Diagnosis Group Collapsed (Code 4)	X	
R5_C_MAINCONCOLDIAGGRP_5	Main Condition Diagnosis Group Collapsed (Code 5)	X	
R5_C_MAINCONCOLDIAGGRP_6	Main Condition Diagnosis Group Collapsed (Code 6)	X	
R5_C_MAINCONCOLDIAGGRP_7	Main Condition Diagnosis Group Collapsed (Code 7)	X	
R5_C_MAINCONCOLDIAGGRP_8	Main Condition Diagnosis Group Collapsed (Code 8)	X	
R5_C_MAINCONCOLDIAGGRP_9	Main Condition Diagnosis Group Collapsed (Code 9)	X	
R5_C_MAINCONCOLDIAGGRP_10	Main Condition Diagnosis Group Collapsed (Code 10)	X	
R5_C_MAINCONCOLDIAGGRP_11	Main Condition Diagnosis Group Collapsed (Code 11)	X	
R5_C_MAINCONBODYGROUP_1	Main Condition Body Group (Code 1)	X	
R5_C_MAINCONBODYGROUP_IFLAG	Main Condition Body Group (Code 1), Imputation Flag	X	
R5_C_MAINCONBODYGROUP_I	Main Condition Body Group (Code 1), Imputed	X	
R5_C_MAINCONBODYGROUP_2	Main Condition Body Group (Code 2)	X	
R5_C_MAINCONBODYGROUP_3	Main Condition Body Group (Code 3)	X	
R5_C_MAINCONBODYGROUP_4	Main Condition Body Group (Code 4)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_MAINCONBODYGROUP_5	Main Condition Body Group (Code 5)	X	
R5_C_MAINCONBODYGROUP_6	Main Condition Body Group (Code 6)	X	
R5_C_MAINCONBODYGROUP_7	Main Condition Body Group (Code 7)	X	
R5_C_MAINCONBODYGROUP_8	Main Condition Body Group (Code 8)	X	
R5_C_MAINCONBODYGROUP_9	Main Condition Body Group (Code 9)	X	
R5_C_MAINCONBODYGROUP_10	Main Condition Body Group (Code 10)	X	
R5_C_MAINCONBODYGROUP_11	Main Condition Body Group (Code 11)	X	
R5_C_SECCONICD9_1	Secondary Condition ICD-9 (Code 1)	X	
R5_C_SECCONICD9_2	Secondary Condition ICD-9 (Code 2)	X	
R5_C_SECCONICD9_3	Secondary Condition ICD-9 (Code 3)	X	
R5_C_SECCONICD9_4	Secondary Condition ICD-9 (Code 4)	X	
R5_C_SECCONICD9_5	Secondary Condition ICD-9 (Code 5)	X	
R5_C_SECCONICD9_6	Secondary Condition ICD-9 (Code 6)	X	
R5_C_SECCONICD9_7	Secondary Condition ICD-9 (Code 7)	X	
R5_C_SECCONICD9_8	Secondary Condition ICD-9 (Code 8)	X	
R5_C_SECCONICD9_9	Secondary Condition ICD-9 (Code 9)	X	
R5_C_SECCONICD9_10	Secondary Condition ICD-9 (Code 10)	X	
R5_C_SECCONICD9_11	Secondary Condition ICD-9 (Code 11)	X	
R5_C_SECCONICD9_12	Secondary Condition ICD-9 (Code 12)	X	
R5_C_SECCONDIAGGRP_1	Secondary Condition Primary Diagnosis Group (Code 1)	X	
R5_C_SECCONDIAGGRP_2	Secondary Condition Diagnosis Group (Code 2)	X	
R5_C_SECCONDIAGGRP_3	Secondary Condition Diagnosis Group (Code 3)	X	
R5_C_SECCONDIAGGRP_4	Secondary Condition Diagnosis Group (Code 4)	X	
R5_C_SECCONDIAGGRP_5	Secondary Condition Diagnosis Group (Code 5)	X	
R5_C_SECCONDIAGGRP_6	Secondary Condition Diagnosis Group (Code 6)	X	
R5_C_SECCONDIAGGRP_7	Secondary Condition Diagnosis Group (Code 7)	X	
R5_C_SECCONDIAGGRP_8	Secondary Condition Diagnosis Group (Code 8)	X	
R5_C_SECCONDIAGGRP_9	Secondary Condition Diagnosis Group (Code 9)	X	
R5_C_SECCONDIAGGRP_10	Secondary Condition Diagnosis Group (Code 10)	X	
R5_C_SECCONDIAGGRP_11	Secondary Condition Diagnosis Group (Code 11)	X	
R5_C_SECCONDIAGGRP_12	Secondary Condition Diagnosis Group (Code 12)	X	
R5_C_SECCONCOLDIAGGRP_1	Secondary Condition Primary Diagnosis Group Collapsed (Code 1)	X	
R5_C_SECCONCOLDIAGGRP_2	Secondary Condition Diagnosis Group Collapsed (Code 2)	X	
R5_C_SECCONCOLDIAGGRP_3	Secondary Condition Diagnosis Group Collapsed (Code 3)	X	
R5_C_SECCONCOLDIAGGRP_4	Secondary Condition Diagnosis Group Collapsed (Code 4)	X	
R5_C_SECCONCOLDIAGGRP_5	Secondary Condition Diagnosis Group Collapsed (Code 5)	X	
R5_C_SECCONCOLDIAGGRP_6	Secondary Condition Diagnosis Group Collapsed (Code 6)	X	
R5_C_SECCONCOLDIAGGRP_7	Secondary Condition Diagnosis Group Collapsed (Code 7)	X	
R5_C_SECCONCOLDIAGGRP_8	Secondary Condition Diagnosis Group Collapsed (Code 8)	X	
R5_C_SECCONCOLDIAGGRP_9	Secondary Condition Diagnosis Group Collapsed (Code 9)	X	
R5_C_SECCONCOLDIAGGRP_10	Secondary Condition Diagnosis Group Collapsed (Code 10)	X	
R5_C_SECCONCOLDIAGGRP_11	Secondary Condition Diagnosis Group Collapsed (Code 11)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_SECCONBODYGROUP_1	Secondary Condition Body Group (Code 1)	X	
R5_C_SECCONBODYGROUP_2	Secondary Condition Body Group (Code 2)	X	
R5_C_SECCONBODYGROUP_3	Secondary Condition Body Group (Code 3)	X	
R5_C_SECCONBODYGROUP_4	Secondary Condition Body Group (Code 4)	X	
R5_C_SECCONBODYGROUP_5	Secondary Condition Body Group (Code 5)	X	
R5_C_SECCONBODYGROUP_6	Secondary Condition Body Group (Code 6)	X	
R5_C_SECCONBODYGROUP_7	Secondary Condition Body Group (Code 7)	X	
R5_C_SECCONBODYGROUP_8	Secondary Condition Body Group (Code 8)	X	
R5_C_SECCONBODYGROUP_9	Secondary Condition Body Group (Code 9)	X	
R5_C_SECCONBODYGROUP_10	Secondary Condition Body Group (Code 10)	X	
R5_C_SECCONBODYGROUP_11	Secondary Condition Body Group (Code 11)	X	
R5_C_REASBECELIGICD9	Reason Became Eligible ICD-9 (Code 1)	X	
R5_C_REASBECELIGDIAGGRP	Reason Became Eligible Diagnosis Group (Code 1)	X	
R5_C_REASBECELIGCOLDIAGGRP	Reason Became Eligible Diagnosis Group Collapsed (Code 1)	X	
R5_C_REASBECELIGBODYGROUP	Reason Became Eligible Body Group (Code 1)	X	
R5_C_DISAGE	Age at Onset of Disability	X	
R5_C_DISAGE_I	Age at Onset of Disability, Imputed	X	
R5_C_DISAGE_IFLAG	Age at Onset of Disability, Imputation Flag	X	
R5_C_ADULTCHILD_ONSET	Adult/Child Onset of Disability	X	
R5_c_adultchild_onset_i	Adult/Child Onset of Disability, Imputed	X	X
R5_C_ADULTCHILD_ONSET_IFLAG	Adult/Child Onset of Disability, Imputation Flag	X	
R5_C_WrkdWhenLim	Worked for Pay When First Limited	X	X
R5_C_EvrWorked	Ever Worked for Pay	X	X
R5_C_HRPAYNEEDED	Hourly Pay Needed to Enter Workforce	X	
R5_C_HRPAYNEED_LOOKING	Hourly Pay Needed to Enter Workforce for Beneficiaries Looking for Work	X	
R5_C_HRPAYNEED_NOTLOOKING	Hourly Pay Needed to Enter Workforce for Beneficiaries not Looking for Work	X	
R5_C1	Number Current Jobs	X	
R5_C1_I	Number Current Jobs, Imputed	X	
R5_C1_IFLAG	Number Current Jobs, Imputation Flag	X	
R5_C4MTH_1	Month Started Current Job (Job 1)	X	
R5_C4YR_1	Year Started Current Job (Job 1)	X	
R5_C5A_1	Notified SSA Working (Job 1)	X	X
R5_C5B_1	Notified SSA Working-Weeks or Months (Job 1)	X	
R5_C5BWEEK_1	Number Weeks Before Notified SSA (Job 1)	X	
R5_C5BMONTH_1	Number Months Before Notified SSA (Job 1)	X	
R5_C6_1	Self-employed at Current Job (Job 1)	X	
R5_C7_1	Current Job Part of Sheltered Workshop (Job 1)	X	X
R5_C8_1	Hours per Week Usually Work at Current Job (Job 1)	X	
R5_C8_1_I	Hours per Week Usually Work at Current Job (Job 1), Imputed	X	
R5_C8_1_IFLAG	Hours per Week Usually Work at Current Job (Job 1), Imputation Flag	X	
R5_C9_1	Weeks per Year Usually Work at Current Job (Job 1)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C10_1	Paid by Hour at Current Job (Job 1)	X	X
R5_C11_1	Regular Hourly Pay at Current Job (Job 1)	X	
R5_C12AMT_1	Amount Paid Before Taxes at Current Job (Job 1)	X	
R5_C12HOP_1	How often Paid at Current Job (Job 1)	X	
R5_C13AMT_1	Amount Take Home Pay at Current Job (Job 1)	X	
R5_C13HOP_1	How often Paid at Current Job (Job 1)	X	
R5_C16_1	Recvd Promotion in Past 12 Months	X	
R5_C18_1	Satisfaction With Current/Main Job	X	X
R5_C20A_1	Employer Offers Health Insurance	X	X
R5_C20B_1	Employer Offers Dental	X	X
R5_C20C_1	Employer Offers Sick Days	X	X
R5_C20D_1	Employer Offers Paid Vacation	X	X
R5_C20E_1	Employer Offers Childcare	X	
R5_C20F_1	Employer Offers Transportation	X	
R5_C20G_1	Employer Offers Long-Term Dis	X	
R5_C20H_1	Employer Offers Pension	X	X
R5_C20I_1	Employer Offers Flex Health Spending	X	
R5_C4MTH_2	Month Started Current Job (Job 2)	X	
R5_C4YR_2	Year Started Current Job (Job 2)	X	
R5_C5A_2	Notified SSA Working (Job 2)	X	
R5_C5B_2	Notified SSA Working-Weeks or Months (Job 2)	X	
R5_C5BWEEK_2	Number Weeks Before Notified SSA (Job 2)	X	
R5_C5BMONTH_2	Number Months Before Notified SSA (Job 2)	X	
R5_C6_2	Self-employed at Current Job (Job 2)	X	
R5_C7_2	Current Job Part of Sheltered Workshop (Job 2)	X	
R5_C8_2	Hours per Week Usually Work at Current Job (Job 2)	X	
R5_C9_2	Weeks per Year Usually Work at Current Job (Job 2)	X	
R5_C10_2	Paid by Hour at Current Job (Job 2)	X	
R5_C11_2	Regular Hourly Pay at Current Job (Job 2)	X	
R5_C12AMT_2	Amount Paid Before Taxes at Current Job (Job 2)	X	
R5_C12HOP_2	How often Paid at Current Job (Job 2)	X	
R5_C13AMT_2	Amount Take Home Pay at Current Job (Job 2)	X	
R5_C13HOP_2	How often Paid at Current Job (Job 2)	X	
R5_C4MTH_3	Month Started Current Job (Job 3)	X	
R5_C4YR_3	Year Started Current Job (Job 3)	X	
R5_C5A_3	Notified SSA Working (Job 3)	X	
R5_C5B_3	Notified SSA Working-Weeks or Months (Job 3)	X	
R5_C5BWEEK_3	Number Weeks Before Notified SSA (Job 3)	X	
R5_C5BMONTH_3	Number Months Before Notified SSA (Job 3)	X	
R5_C6_3	Self-employed at Current Job (Job 3)	X	
R5_C7_3	Current Job Part of Sheltered Workshop (Job 3)	X	
R5_C8_3	Hours per Week Usually Work at Current Job (Job 3)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C9_3	Weeks per Year Usually Work at Current Job (Job 3)	X	
R5_C10_3	Paid by Hour at Current Job (Job 3)	X	
R5_C11_3	Regular Hourly Pay at Current Job (Job 3)	X	
R5_C12AMT_3	Amount Paid Before Taxes at Current Job (Job 3)	X	
R5_C12HOP_3	How often Paid at Current Job (Job 3)	X	
R5_C13AMT_3	Amount Take Home Pay at Current Job (Job 3)	X	
R5_C13HOP_3	How often Paid at Current Job (Job 3)	X	
R5_C22	Use Special Work Equip to Work	X	X
R5_C23_1	Uses Brace to Help Work	X	
R5_C23_2	Uses Cane/Crutches/Walker to Help Work	X	
R5_C23_3	Uses Wheelchair to Help Work	X	
R5_C23_4	Uses Modified Comp Hardware to Help Work	X	
R5_C23_5	Uses Modified Comp Software to Help Work	X	
R5_C23_6	Uses Other Equip to Help Work	X	
R5_C23_7	Uses Hearing Aids to Help Work	X	
R5_C23_8	Uses Glasses to Help Work	X	
R5_C23_9	Uses Special Chair/Back Support	X	
R5_C23_10	Uses Special Shoes/Support Stockings	X	
R5_C24_1	SP Paid for Special Work Equip	X	
R5_C24_2	Family Paid for Special Work Equipment	X	
R5_C24_3	Health Insurance Paid for Special Work Equipment	X	
R5_C24_4	Medicare Paid for Special Work Equipment	X	
R5_C24_5	Medicaid Paid for Special Work Equipment	X	
R5_C24_6	Employer Paid for Special Work Equipment	X	
R5_C24_7	State VR Paid for Special Work Equipment	X	
R5_C24_8	Non Profit Paid for Special Work Equipment	X	
R5_C24_9	Worker's Comp Paid for Special Work Equipment	X	
R5_C24_10	Disability Insur Paid for Special Work Equipment	X	
R5_C24_11	Other Paid for Special Work Equipment	X	
R5_C25	Family Pays Cost of Special Work Equipment	X	
R5_C27	Personal Assist Services Used to Work	X	X
R5_C28_1	Use Job Coach to Work	X	
R5_C28_2	Use Sign Lang Interp to Work	X	
R5_C28_3	Use Reader to Work	X	
R5_C28_4	Use Personal Care Attend to Work	X	
R5_C28_5	Use Other to Work	X	
R5_C29_1	SP Paid for Personal Assistance	X	
R5_C29_2	Family Pays for Personal Assistance	X	
R5_C29_3	Health Insur Pays for Personal Assistance	X	
R5_C29_4	Medicare Pays for Personal Assistance	X	
R5_C29_5	Medicaid Pays for Personal Assistance	X	
R5_C29_6	Employer Pays for Personal Assistance	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C29_7	State VR Pays for Personal Assistance	X	
R5_C29_8	Non-Profit Pays for Personal Assistance	X	
R5_C29_9	Worker's Comp Pays for Personal Assistance	X	
R5_C29_10	Disability Insur Pays for Personal Assistance	X	
R5_C29_11	Other Pays for Personal Assistance	X	
R5_C30	Family Pays Personal Assistance Costs	X	
R5_C33_A	Employer Provided Special Equipment	X	
R5_C33_B	Employer Made Changes to Schedule	X	
R5_C33_C	Employer Made Changes to Tasks	X	
R5_C33_D	Employer Made Changes to Environment	X	
R5_C33_E	Employer Arranged for Co-Workers to Assist	X	
R5_C33_F	Employer Made Other changes	X	
R5_C34	Changes Need But Not Made	X	
R5_C35_A	Need Special Equipment at Current Workplace	X	
R5_C35_B	Need Changes to Work Schedule at Current Workplace	X	
R5_C35_C	Need Changes to Tasks at Current Workplace	X	
R5_C35_D	Need Changes to Environment at Current Workplace	X	
R5_C35_E	Need Co-Workers to Assist at Current Workplace	X	
R5_C35_F	Need Other Changes at Current Workplace	X	
R5_C37	Asked for Changes	X	
R5_C39_A	Pay Good at Current/Main Job	X	X
R5_C39_B	Benefits Good at Current/Main Job	X	X
R5_C39_C	Job security Good at Current/Main Job	X	X
R5_C39_D	Chance for Promotion at Current/Main Job	X	X
R5_C39_E	Chance to Dev Abilities at Current/Main Job	X	X
R5_C39_F	Have Recognition at Current/Main Job	X	X
R5_C39_G	Can Work on Own at Current/Main Job	X	X
R5_C39_H	Can Work with Others at Current/Main Job	X	X
R5_C39_I	Work Interesting at Current/Main Job	X	X
R5_C39_J	Have Feeling of Accomp at Current/Main Job	X	X
R5_C39_K	Supervisor Supportive at Current/Main Job	X	X
R5_C39_L	Co-workers Friendly at Current/Main Job	X	X
R5_C39_M	Plan to stay for 5 or more yrs at Current/Main Job	X	X
R5_C39A2	Work Fewer Hours at Current Job than Could	X	X
R5_C39B_A	Work Fewer Hours at Current Job b/c Caring for Others	X	X
R5_C39B_B	Work Fewer Hours at Current Job b/c in School/Training	X	X
R5_C39B_C	Work Fewer Hours at Current Job b/c Want to Keep Medicare/MediCaid	X	X
R5_C39B_D	Work Fewer Hours at Current Job b/c Want to keep cash benefits	X	X
R5_C39B_E	Work Fewer Hours at Current Job b/c Don t Want to Work More	X	X
R5_C39B_F	Work Fewer Hours at Current Job b/c Other	X	X
R5_C39b_g	Work Fewer Hours at Current Job b/c of Poor Health	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C39_1	Disability Related Benefits Reduced or Ended b/c Currently Working	X	X
R5_C39_2_1	Private Disability Insurance Reduced or Ended b/c Currently Working	X	
R5_C39_2_2	Workers' Compensation Reduced or Ended b/c Currently Working	X	
R5_C39_2_3	Veterans' Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_2_4	Medicare Reduced or Ended b/c Currently Working	X	
R5_C39_2_5	Medicaid Reduced or Ended b/c Currently Working	X	
R5_C39_2_6	SSA Disability Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_2_7	Public Assistance or Welfare Reduced or Ended b/c Currently Working	X	
R5_C39_2_8	Food Stamps Reduced or Ended b/c Currently Working	X	
R5_C39_2_9	Personal Assistance Services Reduced or Ended b/c Currently Working	X	
R5_C39_2_10	Unemployment Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_2_11	Other State Disability Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_2_12	Other Government Programs Reduced or Ended b/c Currently Working	X	
R5_C39_2_13	Other Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_2_14	Health Insurance Benefits Reduced or Ended b/c Currently Working	X	
R5_C39_3_A	Could Earn or Work More if Had Help Caring for Others	X	X
R5_C39_3_B	Could Earn or Work More if Had Help with Personal Care	X	X
R5_C39_3_C	Could Earn or Work More if Had Reliable Transportation	X	X
R5_C39_3_D	Could Earn or Work More if Had Job Skills	X	X
R5_C39_3_E	Could Earn or Work More if Had Flexible Work Schedule	X	X
R5_C39_3_F	Could Earn or Work More if Had Help Finding Better Job	X	X
R5_C39_3_G	Could Earn or Work More if Had Special Equipment or Medical Devices	X	X
R5_C39_3_H	Could Earn or Work More if had Other	X	X
R5_C39_4	Changes Made to Benefits b/c of Current Job	X	X
R5_C39_4A	SSA Paid Wrong Benefit Amount b/c of Current Job	X	X
R5_C39_5	Asked to Re-Pay Benefits b/c Overpaid	X	X
R5_C39_6	Asked to Re-Pay Benefits b/c Working	X	X
R5_C_MAINCURJOBSOC	Current Occupation, SOC Code (Job 1)	X	
R5_C_MainCurJobSOC_PUB	Current Occupation, SOC Code (Public)	X	X
R5_C2_1_1D_I	C_MainCurJobSOC, Imputed to One Digit	X	
R5_C2_1_1D_IFLAG	C_MainCurJobSOC, Imputation Flag	X	
R5_C_MAINCURJOBNAICS	Current Industry, NAICS Code (Job 1)	X	
R5_C_MainCurJobNAICS_PUB	Current Industry, Main Job, NAICS Code (Public)	X	X
R5_C_CURJOB2SOC	Current Occupation, SOC Code (Job 2)	X	
R5_C_CURJOB2NAICS	Current Industry, NAICS Code (Job 2)	X	
R5_C_CURJOB3SOC	Current Occupation, SOC Code (Job 3)	X	
R5_C_CURJOB3NAICS	Current Industry, NAICS Code (Job 3)	X	
R5_C_MAINCURJOBHRPAY	Hourly Pay Current Main Job (Pre-tax)	X	
R5_C_MAINCURJOBHRPAY_I	Hourly Pay Current Main Job (Pre-tax), Imputed	X	
R5_C_MAINCURJOBHRPAY_IFLAG	Hourly Pay Current Main Job (Pre-tax), Imputation Flag	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_MAINCURJOBMNTHPAY	Monthly Pay Current Main Job (Pre-tax)	X	
R5_C_MAINCURJOBMNTHPAY_I	Monthly Pay Current Main Job (Pre-tax), Imputed	X	
R5_C_MAINCURJOBMNTHPAY_IFLAG	Monthly Pay Current Main Job (Pre-tax), Imputation Flag	X	
R5_C_MAINCURJOBMNTHPAYTH	Monthly Pay Current Main Job (Take Home)	X	
R5_C_MAINCURJOBREPSSA	Weeks to Report Current Main Job to SSA	X	
R5_C_MainCurJobRepSSA_PUB	Weeks to Report Current Main Job to SSA (Public)	X	X
R5_C_MNTHSMAINCURJOB	Months at Current Main Job	X	
R5_C_MnthsMainCurJob_PUB	Months at Current Main Job (Public)	X	X
R5_C_CURJOB2HRPAY	Hourly Pay Current Job 2 (Pre-tax)	X	
R5_C_CURJOB2MNTHPAY	Monthly Pay Current Job 2 (Pre-tax)	X	
R5_C_CURJOB2MNTHPAYTH	Monthly Pay Current Job 2 (Take Home)	X	
R5_C_CURJOB2REPSSA	Weeks to Report Current Job 2 to SSA	X	
R5_C_MNTHSCURJOB2	Months at Current Job 2	X	
R5_C_CURJOB3HRPAY	Hourly Pay Current Job 3 (Pre-tax)	X	
R5_C_CURJOB3MNTHPAY	Monthly Pay Current Job 3 (Pre-tax)	X	
R5_C_CURJOB3MNTHPAYTH	Monthly Pay Current Job 3 (Take Home)	X	
R5_C_CURJOB3REPSSA	Weeks to Report Current Job 3 to SSA	X	
R5_C_MNTHSCURJOB3	Months at Current Job 3	X	
R5_C_TOTCURMNTHPAY	Total Monthly Salary all Current Jobs	X	
R5_C_TOTCURMNTHPAY_I	Total Monthly Salary all Current Jobs, Imputed	X	
R5_C_TotCurMnthPay_i_PUB	Total Monthly Salary all Current Jobs (Public)	X	X
R5_C_TOTCURMNTHPAY_IFLAG	Total Monthly Salary all Current Jobs, Imputation Flag	X	
R5_C_TOTCURMNTHPAY_HIGH	Flag for High Total Monthly Pay	X	
R5_C_TOTCURMNTHPAY_LOW	Flag for Low Total Monthly Pay	X	
R5_C_TOTCURWKHRS	Total Weekly Hours all Current Jobs	X	
R5_C_TOTCURWKHRS_I	Total Weekly Hours all Current Jobs, Imputed	X	
R5_C_TotCurWkHrs_i_PUB	Total Weekly Hours all Current Jobs, Imputed (Public)	X	X
R5_C_TOTCURWKHRS_IFLAG	Total Weekly Hours all Current Jobs, Imputation Flag	X	
R5_C_TotGovCashBen_PUB	Total Government Cash Benefits Recvd (Public)	X	X
R5_C_TOTCURHRMNTH	Total Hours per Month all Current Jobs	X	
R5_C_TOTCURHRMNTH_I	Total Hours per Month all Current Jobs, Imputed	X	
R5_C_TotCurHrMnth_i_PUB	Total Hours per Month all Current Jobs, Imputed (Public)	X	X
R5_C_TOTCURHRMNTH_IFLAG	Total Hours per Month all Current Jobs, Imputation Flag	X	
R5_D1	Worked in 2014	X	X
R5_D3	Number Jobs in 2014	X	
R5_D6MTH_1	Month Started 2014 Job (Job 1)	X	
R5_D6YR_1	Year Started 2014 Job (Job 1)	X	
R5_d6yr_m_PUB	Year Started 2014 Job (Main Job), Public Use	X	X
R5_D8MTH_1	Month Stopped 2014 Job (Job 1)	X	
R5_D8YR_1	Year Stopped 2014 Job (Job 1)	X	
R5_D8yr_m_PUB	Year Stopped 2014 Job (Main Job), Public Use	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_D14_1	Self-Employed at 2014 Job (Job 1)	X	
R5_D15_1	2014 Job Part of Sheltered Workshop (Job 1)	X	
R5_D15_m_PUB	2014 Job Part of Sheltered Workshop (Main Job), Public Use	X	X
R5_D16_1	Hours Usually Worked per Week at 2014 Job (Job 1)	X	
R5_D16_m_PUB	Hours Usually Worked per Week at 2014 Job (Main Job), Public Use	X	X
R5_D17_1	Weeks Usually Worked at 2014 Job (Job 1)	X	
R5_D17_m_PUB	Weeks Usually Worked at 2014 Job (Main Job), Public Use	X	X
R5_D18_1	Paid by the Hour in 2014 (Job 1)	X	
R5_D18_m_PUB	Paid by the Hour in 2014 (Main Job), Public Use	X	X
R5_D19_1	Hourly Pay in 2014 (Job 1)	X	
R5_D20AMT_1	Amount Paid Before Taxes in 2014 (Job 1)	X	
R5_D20HOP_1	How Often Paid in 2014 (Job 1)	X	
R5_D21AMT_1	Amount of Take Home Pay in 2014 (Job 1)	X	
R5_D21HOP_1	How Often Paid in 2014 (Job 1)	X	
R5_D23_1_1	Stopped Working b/c Layoff (Job 1)	X	
R5_D23_2_1	Stopped Working b/c Fired (Job 1)	X	
R5_D23_3_1	Stopped Working b/c Retired (Job 1)	X	
R5_D23_4_1	Stopped Working b/c Job Ended (Job 1)	X	
R5_D23_5_1	Stopped Working b/c Didn't Like Sup (Job 1)	X	
R5_D23_6_1	Stopped Working b/c Didn't Like Duties (Job 1)	X	
R5_D23_7_1	Stopped Working b/c Didn't Like Earnings (Job 1)	X	
R5_D23_8_1	Stopped Working b/c Didn't Like Benefits (Job 1)	X	
R5_D23_9_1	Stopped Working b/c Didn't Like Advan Op (Job 1)	X	
R5_D23_10_1	Stopped Working b/c Didn't Like Location (Job 1)	X	
R5_D23_11_1	Stopped Working b/c Didn't Get Accomod (Job 1)	X	
R5_D23_12_1	Stopped Working b/c Transportation (Job 1)	X	
R5_D23_13_1	Stopped Working b/c Went to School (Job 1)	X	
R5_D23_14_1	Stopped Working b/c Child Care Resp (Job 1)	X	
R5_D23_15_1	Stopped Working b/c Family /Personal (Job 1)	X	
R5_D23_16_1	Stopped Working b/c Disability Worse (Job 1)	X	
R5_D23_17_1	Stopped Working b/c Became Disabled (Job 1)	X	
R5_D23_18_1	Stopped Working b/c Other (Job 1)	X	
R5_D23_19_1	Stopped Working b/c Moved to Another Area (Job 1)	X	
R5_D23_20_1	Stopped Working b/c Found Another Job (Job 1)	X	
R5_D23_21_1	Stopped Working b/c Loss of Benefits (Job 1)	X	
R5_D23_22_1	Stopped Working b/c Work Schedule (Job 1)	X	
R5_D6MTH_2	Month Started 2014 Job (Job 2)	X	
R5_D6YR_2	Year Started 2014 Job (Job 2)	X	
R5_D8MTH_2	Month Stopped 2014 Job (Job 2)	X	
R5_D8YR_2	Year Stopped 2014 Job (Job 2)	X	
R5_D14_2	Self-Employed at 2014 Job (Job 2)	X	
R5_D15_2	2014 Job Part of Sheltered Workshop (Job 2)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_D16_2	Hours Usually Worked per Week at 2014 Job (Job 2)	X	
R5_D17_2	Weeks Usually Worked at 2014 Job (Job 2)	X	
R5_D18_2	Paid by the Hour in 2014 (Job 2)	X	
R5_D19_2	Hourly Pay in 2014 (Job 2)	X	
R5_D20AMT_2	Amount Paid Before Taxes in 2014 (Job 2)	X	
R5_D20HOP_2	How Often Paid in 2014 (Job 2)	X	
R5_D21AMT_2	Amount of Take Home Pay in 2014 (Job 2)	X	
R5_D21HOP_2	How Often Paid in 2014 (Job 2)	X	
R5_D23_1_2	Stopped Working b/c Layoff (Job 2)	X	
R5_D23_2_2	Stopped Working b/c Fired (Job 2)	X	
R5_D23_3_2	Stopped Working b/c Retired (Job 2)	X	
R5_D23_4_2	Stopped Working b/c Job Ended (Job 2)	X	
R5_D23_5_2	Stopped Working b/c Didn't Like Sup (Job 2)	X	
R5_D23_6_2	Stopped Working b/c Didn't Like Duties (Job 2)	X	
R5_D23_7_2	Stopped Working b/c Didn't Like Earnings (Job 2)	X	
R5_D23_8_2	Stopped Working b/c Didn't Like Benefits (Job 2)	X	
R5_D23_9_2	Stopped Working b/c Didn't Like Advanc Op (Job 2)	X	
R5_D23_10_2	Stopped Working b/c Didn't Like Location (Job 2)	X	
R5_D23_11_2	Stopped Working b/c Didn't Get Accomod (Job 2)	X	
R5_D23_12_2	Stopped Working b/c Transportation (Job 2)	X	
R5_D23_13_2	Stopped Working b/c Went to School (Job 2)	X	
R5_D23_14_2	Stopped Working b/c Child Care Resp (Job 2)	X	
R5_D23_15_2	Stopped Working b/c Family /Personal (Job 2)	X	
R5_D23_16_2	Stopped Working b/c Disability Worse (Job 2)	X	
R5_D23_17_2	Stopped Working b/c Became Disabled (Job 2)	X	
R5_D23_18_2	Stopped Working b/c Other (Job 2)	X	
R5_D23_19_2	Stopped Working b/c Moved to Another Area (Job 2)	X	
R5_D23_20_2	Stopped Working b/c Found Another Job (Job 2)	X	
R5_D23_21_2	Stopped Working b/c Loss of Benefits (Job 2)	X	
R5_D23_22_2	Stopped Working b/c Work Schedule (Job 2)	X	
R5_D6MTH_3	Month Started 2014 Job (Job 3)	X	
R5_D6YR_3	Year Started 2014 Job (Job 3)	X	
R5_D8MTH_3	Month Stopped 2014 Job (Job 3)	X	
R5_D8YR_3	Year Stopped 2014 Job (Job 3)	X	
R5_D14_3	Self-Employed at 2014 Job (Job 3)	X	
R5_D15_3	2014 Job Part of Sheltered Workshop (Job 3)	X	
R5_D16_3	Hours Usually Worked per Week at 2014 Job (Job 3)	X	
R5_D17_3	Weeks Usually Worked at 2014 Job (Job 3)	X	
R5_D18_3	Paid by the Hour in 2014 (Job 3)	X	
R5_D19_3	Hourly Pay in 2014 (Job 3)	X	
R5_D20AMT_3	Amount Paid Before Taxes in 2014 (Job 3)	X	
R5_D20HOP_3	How Often Paid in 2014 (Job 3)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_D21AMT_3	Amount of Take Home Pay in 2014 (Job 3)	X	
R5_D21HOP_3	How Often Paid in 2014 (Job 3)	X	
R5_D23_1_3	Stopped Working b/c Layoff (Job 3)	X	
R5_D23_2_3	Stopped Working b/c Fired (Job 3)	X	
R5_D23_3_3	Stopped Working b/c Retired (Job 3)	X	
R5_D23_4_3	Stopped Working b/c Job Ended (Job 3)	X	
R5_D23_5_3	Stopped Working b/c Didn't Like Sup (Job 3)	X	
R5_D23_6_3	Stopped Working b/c Didn't Like Duties (Job 3)	X	
R5_D23_7_3	Stopped Working b/c Didn't Like Earnings (Job 3)	X	
R5_D23_8_3	Stopped Working b/c Didn't Like Benefits (Job 3)	X	
R5_D23_9_3	Stopped Working b/c Didn't Like Advanc Op (Job 3)	X	
R5_D23_10_3	Stopped Working b/c Didn't Like Location (Job 3)	X	
R5_D23_11_3	Stopped Working b/c Didn't Get Accomod (Job 3)	X	
R5_D23_12_3	Stopped Working b/c Transportation (Job 3)	X	
R5_D23_13_3	Stopped Working b/c Went to School (Job 3)	X	
R5_D23_14_3	Stopped Working b/c Child Care Resp (Job 3)	X	
R5_D23_15_3	Stopped Working b/c Family /Personal (Job 3)	X	
R5_D23_16_3	Stopped Working b/c Disability Worse (Job 3)	X	
R5_D23_17_3	Stopped Working b/c Became Disabled (Job 3)	X	
R5_D23_18_3	Stopped Working b/c Other (Job 3)	X	
R5_D23_19_3	Stopped Working b/c Moved to Another Area (Job 3)	X	
R5_D23_20_3	Stopped Working b/c Found Another Job (Job 3)	X	
R5_D23_21_3	Stopped Working b/c Loss of Benefits (Job 3)	X	
R5_D23_22_3	Stopped Working b/c Work Schedule (Job 3)	X	
R5_D6MTH_4	Month Started 2014 Job (Job 4)	X	
R5_D6YR_4	Year Started 2014 Job (Job 4)	X	
R5_D8MTH_4	Month Stopped 2014 Job (Job 4)	X	
R5_D8YR_4	Year Stopped 2014 Job (Job 4)	X	
R5_D14_4	Self-Employed at 2014 Job (Job 4)	X	
R5_D15_4	2014 Job Part of Sheltered Workshop (Job 4)	X	
R5_D16_4	Hours Usually Worked per Week at 2014 Job (Job 4)	X	
R5_D17_4	Weeks Usually Worked at 2014 Job (Job 4)	X	
R5_D18_4	Paid by the Hour in 2014 (Job 4)	X	
R5_D19_4	Hourly Pay in 2014 (Job 4)	X	
R5_D20AMT_4	Amount Paid Before Taxes in 2014 (Job 4)	X	
R5_D20HOP_4	How Often Paid in 2014 (Job 4)	X	
R5_D21AMT_4	Amount of Take Home Pay in 2014 (Job 4)	X	
R5_D21HOP_4	How Often Paid in 2014 (Job 4)	X	
R5_D23_1_4	Stopped Working b/c Layoff (Job 4)	X	
R5_D23_2_4	Stopped Working b/c Fired (Job 4)	X	
R5_D23_3_4	Stopped Working b/c Retired (Job 4)	X	
R5_D23_4_4	Stopped Working b/c Job Ended (Job 4)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_D23_5_4	Stopped Working b/c Didn't Like Sup (Job 4)	X	
R5_D23_6_4	Stopped Working b/c Didn't Like Duties (Job 4)	X	
R5_D23_7_4	Stopped Working b/c Didn't Like Earnings (Job 4)	X	
R5_D23_8_4	Stopped Working b/c Didn't Like Benefits (Job 4)	X	
R5_D23_9_4	Stopped Working b/c Didn't Like Advanc Op (Job 4)	X	
R5_D23_10_4	Stopped Working b/c Didn't Like Location (Job 4)	X	
R5_D23_11_4	Stopped Working b/c Didn't Get Accomod (Job 4)	X	
R5_D23_12_4	Stopped Working b/c Transportation (Job 4)	X	
R5_D23_13_4	Stopped Working b/c Went to School (Job 4)	X	
R5_D23_14_4	Stopped Working b/c Child Care Resp (Job 4)	X	
R5_D23_15_4	Stopped Working b/c Family /Personal (Job 4)	X	
R5_D23_16_4	Stopped Working b/c Disability Worse (Job 4)	X	
R5_D23_17_4	Stopped Working b/c Became Disabled (Job 4)	X	
R5_D23_18_4	Stopped Working b/c Other (Job 4)	X	
R5_D23_19_4	Stopped Working b/c Moved to Another Area (Job 4)	X	
R5_D23_20_4	Stopped Working b/c Found Another Job (Job 4)	X	
R5_D23_21_4	Stopped Working b/c Loss of Benefits (Job 4)	X	
R5_D23_22_4	Stopped Working b/c Work Schedule (Job 4)	X	
R5_D25	Worked Fewer Hours in 2014	X	X
R5_D25_A	Worked Fewer Hours in 2014 b/c Caring For Someone	X	X
R5_D25_B	Worked Fewer Hours in 2014 b/c in School	X	X
R5_D25_C	Worked Fewer Hours in 2014 b/c Want to Keep Medicare	X	X
R5_D25_D	Worked Fewer Hours in 2014 b/c Want to Keep Benefits	X	X
R5_D25_E	Worked Fewer Hours in 2014 b/c Didn't Want to Work More	X	X
R5_D25_F	Worked Fewer Hours in 2014 for Other Reason	X	X
R5_D25_g	Worked Fewer Hours in 2014 b/c Had Medical Probs/Complications	X	X
R5_D25_1	Disability Related Benefits Reduced or Ended b/c Working in 2014	X	X
R5_D25_2_1	Private Disability Insurance Reduced or Ended b/c Working in 2014	X	
R5_D25_2_2	Workers' Compensation Reduced or Ended b/c Working in 2014	X	
R5_D25_2_3	Veterans Benefits Reduced or Ended b/c Working in 2014	X	
R5_D25_2_4	Medicare Reduced or Ended b/c Working in 2014	X	
R5_D25_2_5	Medicaid Reduced or Ended b/c Working in 2014	X	
R5_D25_2_6	SSA Disability Benefits Reduced or Ended b/c Working in 2014	X	
R5_D25_2_7	Public Assistance or Welfare Reduced or Ended b/c Working in 2014	X	
R5_D25_2_8	Food Stamps Reduced or Ended b/c Working in 2014	X	
R5_D25_2_9	Personal Assistance Services Reduced or Ended b/c Working in 2014	X	
R5_D25_2_11	Other State Disability Benefits Reduced or Ended b/c Working in 2014	X	
R5_D25_2_12	Other Government Programs Reduced or Ended b/c Working in 2014	X	
R5_D25_2_13	Other Benefits Reduced or Ended b/c Working in 2014	X	
R5_D26_A	Could Have Worked More in 2014 if Had Help Caring for Others	X	X
R5_D26_B	Could Have Worked More in 2014 if Had Help w/ Personal Care	X	X
R5_D26_C	Could Have Worked More in 2014 if Had Transportation	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_D26_D	Could Have Worked More in 2014 if Had Job Skills	X	X
R5_D26_E	Could Have Worked More in 2014 if Had Flex Schedule	X	X
R5_D26_F	Could Have Worked More in 2014 if Had Help Getting Job	X	X
R5_D26_G	Could Have Worked More in 2014 if Had Special Equipment	X	X
R5_D26_H	Could Have Worked More in 2014 if Had Other	X	X
R5_D26_i	Could Have Worked More in 2014 if Had Better Health/Treatment	X	X
R5_D26_j	Could Have Worked More in 2014 if Had More Supportive Employer	X	X
R5_D27	Changes made to Benefits in 2014	X	X
R5_D28	Wrong Amount Paid in 2014	X	X
R5_D29	Asked to Repay Benefits in 2014	X	X
R5_D30	Asked to Repay Benefits Because Working in 2014	X	X
R5_MAIN_JOB_GRID_NUM	Job Number of 2014 Main Job	X	
R5_C_JOB_FROM_SECC_1	Current Job Copied to 2014 Job 1	X	
R5_C_JOB_FROM_SECC_2	Current Job Copied to 2014 Job 2	X	
R5_C_JOB_FROM_SECC_3	Current Job Copied to 2014 Job 3	X	
R5_C_JOB_FROM_SECC_4	Current Job Copied to 2014 Job 4	X	
R5_C_TOTJOBCOPIED	Total Number of Jobs Copied from C to D	X	
R5_C_MAINJOB2014SOC	2014 Occupation, SOC Code (Main Job)	X	
R5_C_MainJob2014SOC_PUB	2014 Occupation, SOC Code (Public)	X	X
R5_C_MAINJOB2014NAICS	2014 Industry, NAICS Code (Main Job)	X	
R5_C_MainJob2014NAICS_PUB	2014 Job Industry, NAICS Code (Public)	X	X
R5_C_JOB12014SOC	2014 Occupation, SOC Code (Job 1)	X	
R5_C_JOB12014NAICS	2014 Industry, NAICS Code (Job 1)	X	
R5_C_JOB22014SOC	2014 Occupation, SOC Code (Job 2)	X	
R5_C_JOB22014NAICS	2014 Industry, NAICS Code (Job 2)	X	
R5_C_JOB32014SOC	2014 Occupation, SOC Code (Job 3)	X	
R5_C_JOB32014NAICS	2014 Industry, NAICS Code (Job 3)	X	
R5_C_JOB42014SOC	2014 Occupation, SOC Code (Job 4)	X	
R5_C_JOB42014NAICS	2014 Industry, NAICS Code (Job 4)	X	
R5_C_MAINJOBHRPAY2014	Hourly Pay Main 2014 Job (Pre-tax)	X	
R5_C_MAINJOBMNTHPAY2014	Monthly Pay 2014 Main Job (Pre-tax)	X	
R5_C_MainJobMnthPay2014_PUB	Monthly Pay 2014 Main Job, pre-tax (Public)	X	X
R5_C_MAINJOBMNTHPAYTH2014	Monthly Pay 2014 Main Job (Take Home)	X	
R5_C_MnthsMain2014Job	Months at 2014 Main Job	X	X
R5_C_JOB1HRPAY2014	Hourly Pay 2014 Job 1 (Pre-Tax)	X	
R5_C_JOB1MNTHPAY2014	Monthly Pay 2014 Job 1 (Pre-Tax)	X	
R5_C_JOB1MNTHPAYTH2014	Monthly Pay 2014 Job 1 (Take Home)	X	
R5_C_MNTHSJOB12014	Months at 2014 Job 1	X	
R5_C_JOB2HRPAY2014	Hourly Pay 2014 Job 2 (Pre-Tax)	X	
R5_C_JOB2MNTHPAY2014	Monthly Pay 2014 Job 2 (Pre-Tax)	X	
R5_C_JOB2MNTHPAYTH2014	Monthly Pay 2014 Job 2 (Take Home)	X	
R5_C_MNTHSJOB22014	Months at 2014 Job 2	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_JOB3HRPAY2014	Hourly Pay 2014 Job 3 (Pre-Tax)	X	
R5_C_JOB3MNTHPAY2014	Monthly Pay 2014 Job 3 (Pre-Tax)	X	
R5_C_JOB3MNTHPAYTH2014	Monthly Pay 2014 Job 3 (Take Home)	X	
R5_C_MNTHSJOB32014	Months at 2014 Job 3	X	
R5_C_JOB4HRPAY2014	Hourly Pay 2014 Job 4 (Pre-Tax)	X	
R5_C_JOB4MNTHPAY2014	Monthly Pay 2014 Job 4 (Pre-Tax)	X	
R5_C_JOB4MNTHPAYTH2014	Monthly Pay 2014 Job 4 (Take Home)	X	
R5_C_MNTHSJOB42014	Months at 2014 Job 4	X	
R5_C_TOT2014PAY	Total Annual Pay in 2014 (Pre-Tax)	X	
R5_C_TOT2014PAY_PUB	Total Annual Pay in 2014, pre-tax (Public)	X	X
R5_C_TOTHRS2014	Total Hours Worked in 2014	X	
R5_C_TotHrs2014_PUB	Total Hours Worked in 2014 (Public)	X	X
R5_C_USWKHR2014	Usual Weekly Hours in 2014	X	
R5_C_UsWkHr2014_PUB	Usual Weekly Hours in 2014 (Public)	X	X
R5_E3	Ever Heard of PASS	X	X
R5_E5	Ever Heard of Earned Income Exclusion	X	X
R5_E7	Ever Heard of PESS	X	X
R5_E9	Ever Heard of Continued Medicaid Elig	X	X
R5_E12	Ever Heard of Student Income Exclusion	X	X
R5_E15	Ever Heard of Trial Work Period	X	X
R5_E17	Ever Heard of Extended Period of Elig	X	X
R5_E19	Ever Heard of Impair Related Work Expense	X	X
R5_E20_A	Ever Heard of Expedited Reinstatement	X	X
R5_E20_B	Ever Used Expedited Reinstatement	X	X
R5_E20_C	Ever Heard of BPAOs	X	X
R5_E20_D	Ever Used BPAOs	X	X
R5_E20_E	Ever Heard of PABSS	X	X
R5_E20_F	Ever Used PABSS	X	X
R5_E21	Ever Heard of TTW program	X	X
R5_G1	Recvd Employment Services	X	X
R5_G2_1_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_2_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_3_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_4_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_5_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_6_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_7_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_8_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_9_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G2_10_PROVIDER	Specify Where Recvd Employment Services	X	
R5_G7_1	Provider Employ Services State or Priv Agency (Prov 1)	X	
R5_G9_1	Provider Employ Services, Kind of State Agency (Prov 1)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G7_2	Provider Employ Services State or Priv Agency (Prov 2)	X	
R5_G9_2	Provider Employ Services, Kind of State Agency (Prov 2)	X	
R5_G7_3	Provider Employ Services State or Priv Agency (Prov 3)	X	
R5_G9_3	Provider Employ Services, Kind of State Agency (Prov 3)	X	
R5_G7_4	Provider Employ Services State or Priv Agency (Prov 4)	X	
R5_G9_4	Provider Employ Services, Kind of State Agency (Prov 4)	X	
R5_G7_5	Provider Employ Services State or Priv Agency (Prov 5)	X	
R5_G9_5	Provider Employ Services, Kind of State Agency (Prov 5)	X	
R5_G7_6	Provider Employ Services State or Priv Agency (Prov 6)	X	
R5_G9_6	Provider Employ Services, Kind of State Agency (Prov 6)	X	
R5_G10	Recvd Job Training	X	X
R5_G11_1_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_2_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_3_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_4_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_5_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_6_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_7_PROVIDER	Specify Where Recvd Job Training	X	
R5_G11_8_PROVIDER	Specify Where Recvd Job Training	X	
R5_G12_1	First Provider in G11 Already on List	X	
R5_G12_2	Second Provider in G11 Already on List	X	
R5_G12_3	Third Provider in G11 Already on List	X	
R5_G12_4	Fourth Provider in G11 Already on List	X	
R5_G12_5	Fifth Provider in G11 Already on List	X	
R5_G13_1	Provider Job Training State or Priv Agency (Prov 1)	X	
R5_G13_2	Provider Job Training State or Priv Agency (Prov 2)	X	
R5_G13_3	Provider Job Training State or Priv Agency (Prov 3)	X	
R5_G13_4	Provider Job Training State or Priv Agency (Prov 4)	X	
R5_G13_5	Provider Job Training State or Priv Agency (Prov 5)	X	
R5_G14_1	Provider Job Training, Kind of State Agency (Prov 1)	X	
R5_G14_2	Provider Job Training, Kind of State Agency (Prov 2)	X	
R5_G14_3	Provider Job Training, Kind of State Agency (Prov 3)	X	
R5_G15	Recvd Medical Services	X	X
R5_G16_1_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_2_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_3_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_4_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_5_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_6_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_7_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G16_8_PROVIDER	Specify Place Recvd Medical Services	X	
R5_G17_1	First Provider in G16 Already on List	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G17_2	Second Provider in G16 Already on List	X	
R5_G17_3	Third Provider in G16 Already on List	X	
R5_G17_4	Fourth Provider in G16 Already on List	X	
R5_G17_5	Fifth Provider in G16 Already on List	X	
R5_G17_6	Sixth Provider in G16 Already on List	X	
R5_G17_7	Seventh Provider in G16 Already on List	X	
R5_G17_8	Eighth Provider in G16 Already on List	X	
R5_G18_1	Provider Medical Services, Kind of Place (Prov 1)	X	
R5_G18_2	Provider Medical Services, Kind of Place (Prov 2)	X	
R5_G18_3	Provider Medical Services, Kind of Place (Prov 3)	X	
R5_G18_4	Provider Medical Services, Kind of Place (Prov 4)	X	
R5_G18_5	Provider Medical Services, Kind of Place (Prov 5)	X	
R5_G18_6	Provider Medical Services, Kind of Place (Prov 6)	X	
R5_G18_7	Provider Medical Services, Kind of Place (Prov 7)	X	
R5_G18_8	Provider Medical Services, Kind of Place (Prov 8)	X	
R5_G19	Recvd Mental Health Services	X	X
R5_G20_1_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_2_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_3_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_4_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_5_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_6_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_7_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G20_8_PROVIDER	Specify Place Recvd Mental Health Services	X	
R5_G21_1	First Provider in G20 Already on List	X	
R5_G21_2	Second Provider in G20 Already on List	X	
R5_G21_3	Third Provider in G20 Already on List	X	
R5_G21_4	Fourth Provider in G20 Already on List	X	
R5_G21_5	Fifth Provider in G20 Already on List	X	
R5_G21_6	Sixth Provider in G20 Already on List	X	
R5_G21_7	Seventh Provider in G20 Already on List	X	
R5_G21_8	Eighth Provider in G20 Already on List	X	
R5_G22_1	Provider Mental Health Services, Kind of Place (Prov 1)	X	
R5_G22_2	Provider Mental Health Services, Kind of Place (Prov 2)	X	
R5_G22_3	Provider Mental Health Services, Kind of Place (Prov 3)	X	
R5_G22_4	Provider Mental Health Services, Kind of Place (Prov 4)	X	
R5_G22_5	Provider Mental Health Services, Kind of Place (Prov 5)	X	
R5_G22_6	Provider Mental Health Services, Kind of Place (Prov 6)	X	
R5_G22_7	Provider Mental Health Services, Kind of Place (Prov 7)	X	
R5_G22_8	Provider Mental Health Services, Kind of Place (Prov 8)	X	
R5_G23	Enrolled in School	X	X
R5_G24_1_PROVIDER	Specify Where Enrolled in School	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G24_2_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_3_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_4_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_5_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_6_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_7_PROVIDER	Specify Where Enrolled in School	X	
R5_G24_8_PROVIDER	Specify Where Enrolled in School	X	
R5_G25_1	First Provider in G24 Already on List	X	
R5_G25_2	Second Provider in G24 Already on List	X	
R5_G25_3	Third Provider in G24 Already on List	X	
R5_G25_4	Fourth Provider in G24 Already on List	X	
R5_G25_5	Fifth Provider in G24 Already on List	X	
R5_G26	Currently Enrolled in School	X	X
R5_G27	Working Towards Degree/Cert or Taking Classes	X	
R5_G28	Type of Degree Working Towards	X	
R5_G29	Full or Part-Time Student	X	X
R5_G_DEL_1	Provider 1 Deleted b/c Duplicate	X	
R5_G_DEL_2	Provider 2 Deleted b/c Duplicate	X	
R5_G_DEL_19	Provider 19 Deleted b/c Duplicate	X	
R5_G_DEL_20	Provider 20 Deleted b/c Duplicate	X	
R5_G_DEL_21	Provider 21 Deleted b/c Duplicate	X	
R5_G_DEL_22	Provider 22 Deleted b/c Duplicate	X	
R5_G_DEL_23	Provider 23 Deleted b/c Duplicate	X	
R5_G_DEL_27	Provider 27 Deleted b/c Duplicate	X	
R5_G_DEL_28	Provider 28 Deleted b/c Duplicate	X	
R5_G_DEL_29	Provider 29 Deleted b/c Duplicate	X	
R5_G_DEL_30	Provider 30 Deleted b/c Duplicate	X	
R5_G32PROVIDERNAME_1	Provider 1 after De-dup (G32)	X	
R5_G32PROVIDERNAME_2	Provider 2 after De-dup (G32)	X	
R5_G32PROVIDERNAME_3	Provider 3 after De-dup (G32)	X	
R5_G32PROVIDERNAME_4	Provider 4 after De-dup (G32)	X	
R5_G32PROVIDERNAME_5	Provider 5 after De-dup (G32)	X	
R5_G32PROVIDERNAME_6	Provider 6 after De-dup (G32)	X	
R5_G32PROVIDERNAME_7	Provider 7 after De-dup (G32)	X	
R5_G32PROVIDERNAME_8	Provider 8 after De-dup (G32)	X	
R5_G32PROVIDERNAME_9	Provider 9 after De-dup (G32)	X	
R5_G32PROVIDERNAME_10	Provider 10 after De-dup (G32)	X	
R5_G32PROVIDERNAME_11	Provider 11 after De-dup (G32)	X	
R5_G32PROVIDERNAME_12	Provider 12 after De-dup (G32)	X	
R5_G32PROVIDERNAME_13	Provider 13 after De-dup (G32)	X	
R5_G32PROVIDERNAME_14	Provider 14 after De-dup (G32)	X	
R5_G32PROVIDERNAME_15	Provider 15 after De-dup (G32)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G32PROVIDERNAME_16	Provider 16 after De-dup (G32)	X	
R5_G32PROVIDERNAME_17	Provider 17 after De-dup (G32)	X	
R5_G32PROVIDERNAME_18	Provider 18 after De-dup (G32)	X	
R5_G32PROVIDERNAME_19	Provider 19 after De-dup (G32)	X	
R5_G32PROVIDERNAME_20	Provider 20 after De-dup (G32)	X	
R5_G32PROVIDERNAME_21	Provider 21 after De-dup (G32)	X	
R5_G32PROVIDERNAME_22	Provider 22 after De-dup (G32)	X	
R5_G32PROVIDERNAME_23	Provider 23 after De-dup (G32)	X	
R5_G32PROVIDERNAME_24	Provider 24 after De-dup (G32)	X	
R5_G32PROVIDERNAME_25	Provider 25 after De-dup (G32)	X	
R5_G32PROVIDERNAME_26	Provider 26 after De-dup (G32)	X	
R5_G32PROVIDERNAME_27	Provider 27 after De-dup (G32)	X	
R5_G32PROVIDERNAME_28	Provider 28 after De-dup (G32)	X	
R5_G32PROVIDERNAME_29	Provider 29 after De-dup (G32)	X	
R5_G32PROVIDERNAME_30	Provider 30 after De-dup (G32)	X	
R5_G32PROVIDERNAME_31	Provider 31 after De-dup (G32)	X	
R5_G32PROVIDERNAME_32	Provider 32 after De-dup (G32)	X	
R5_G32PROVIDERNAME_33	Provider 33 after De-dup (G32)	X	
R5_G32PROVIDERNAME_34	Provider 34 after De-dup (G32)	X	
R5_G33_1	Last Recvd Services in 2015, 2014, or Before (Prov 1)	X	
R5_G34_1	When Last Recvd Services (Prov 1)	X	
R5_G35_1	Recvd Services From Provider in 2014 (Prov 1)	X	
R5_G33_2	Last Recvd Services in 2015, 2014, or Before (Prov 2)	X	
R5_G34_2	When Last Recvd Services (Prov 2)	X	
R5_G35_2	Recvd Services From Provider in 2014 (Prov 2)	X	
R5_G33_3	Last Recvd Services in 2015, 2014, or Before (Prov 3)	X	
R5_G35_3	Recvd Services From Provider in 2014 (Prov 3)	X	
R5_G33_4	Last Recvd Services in 2015, 2014, or Before (Prov 4)	X	
R5_G35_4	Recvd Services From Provider in 2014 (Prov 4)	X	
R5_G33_5	Last Recvd Services in 2015, 2014, or Before (Prov 5)	X	
R5_G33_6	Last Recvd Services in 2015, 2014, or Before (Prov 6)	X	
R5_G33_11	Last Recvd Services in 2015, 2014, or Before (Prov 11)	X	
R5_G34_11	When Last Recvd Services (Prov 11)	X	
R5_G35_11	Recvd Services From Provider in 2014 (Prov 11)	X	
R5_G33_12	Last Recvd Services in 2015, 2014, or Before (Prov 12)	X	
R5_G34_12	When Last Recvd Services (Prov 12)	X	
R5_G35_12	Recvd Services From Provider in 2014 (Prov 12)	X	
R5_G33_13	Last Recvd Services in 2015, 2014, or Before (Prov 13)	X	
R5_G35_13	Recvd Services From Provider in 2014 (Prov 13)	X	
R5_G33_14	Last Recvd Services in 2015, 2014, or Before (Prov 14)	X	
R5_G33_15	Last Recvd Services in 2015, 2014, or Before (Prov 15)	X	
R5_G33_19	Last Recvd Services in 2015, 2014, or Before (Prov 19)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G34_19	When Last Recvd Services (Prov 19)	X	
R5_G35_19	Recvd Services From Provider in 2014 (Prov 19)	X	
R5_G33_20	Last Recvd Services in 2015, 2014, or Before (Prov 20)	X	
R5_G34_20	When Last Recvd Services (Prov 20)	X	
R5_G35_20	Recvd Services From Provider in 2014 (Prov 20)	X	
R5_G33_21	Last Recvd Services in 2015, 2014, or Before (Prov 21)	X	
R5_G34_21	When Last Recvd Services (Prov 21)	X	
R5_G35_21	Recvd Services From Provider in 2014 (Prov 21)	X	
R5_G33_22	Last Recvd Services in 2015, 2014, or Before (Prov 22)	X	
R5_G35_22	Recvd Services From Provider in 2014 (Prov 22)	X	
R5_G33_23	Last Recvd Services in 2015, 2014, or Before (Prov 23)	X	
R5_G35_23	Recvd Services From Provider in 2014 (Prov 23)	X	
R5_G33_24	Last Recvd Services in 2015, 2014, or Before (Prov 24)	X	
R5_G35_24	Recvd Services From Provider in 2014 (Prov 24)	X	
R5_G33_25	Last Recvd Services in 2015, 2014, or Before (Prov 25)	X	
R5_G35_25	Recvd Services From Provider in 2014 (Prov 25)	X	
R5_G33_26	Last Recvd Services in 2015, 2014, or Before (Prov 26)	X	
R5_G35_26	Recvd Services From Provider in 2014 (Prov 26)	X	
R5_G33_27	Last Recvd Services in 2015, 2014, or Before (Prov 27)	X	
R5_G34_27	When Last Recvd Services (Prov 27)	X	
R5_G35_27	Recvd Services From Provider in 2014 (Prov 27)	X	
R5_G33_28	Last Recvd Services in 2015, 2014, or Before (Prov 28)	X	
R5_G34_28	When Last Recvd Services (Prov 28)	X	
R5_G35_28	Recvd Services From Provider in 2014 (Prov 28)	X	
R5_G33_29	Last Recvd Services in 2015, 2014, or Before (Prov 29)	X	
R5_G35_29	Recvd Services From Provider in 2014 (Prov 29)	X	
R5_G33_30	Last Recvd Services in 2015, 2014, or Before (Prov 30)	X	
R5_G35_30	Recvd Services From Provider in 2014 (Prov 30)	X	
R5_G33_31	Last Recvd Services in 2015, 2014, or Before (Prov 31)	X	
R5_G35_31	Recvd Services From Provider in 2014 (Prov 31)	X	
R5_G33_32	Last Recvd Services in 2015, 2014, or Before (Prov 32)	X	
R5_G35_32	Recvd Services From Provider in 2014 (Prov 32)	X	
R5_G33_33	Last Recvd Services in 2015, 2014, or Before (Prov 33)	X	
R5_G35_33	Recvd Services From Provider in 2014 (Prov 33)	X	
R5_G33_34	Last Recvd Services in 2015, 2014, or Before (Prov 34)	X	
R5_G35_34	Recvd Services From Provider in 2014 (Prov 34)	X	
R5_G36_A_1	Recvd Physical Therapy in 2014 (Prov 1)	X	
R5_G36_B_1	Recvd Occupational Therapy in 2014 (Prov 1)	X	
R5_G36_C_1	Recvd Speech Therapy in 2014 (Prov 1)	X	
R5_G36_E_1	Recvd Special Equipment in 2014 (Prov 1)	X	
R5_G36_F_1	Recvd Counseling in 2014 (Prov 1)	X	
R5_G36_G_1	Recvd Group Therapy in 2014 (Prov 1)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_D_1	Recvd Medical Procedure in 2014 (Prov 1)	X	
R5_G36_H_1	Recvd Work Assessment in 2014 (Prov 1)	X	
R5_G36_I_1	Recvd Help Finding Job in 2014 (Prov 1)	X	
R5_G36_J_1	Recvd Job Training in 2014 (Prov 1)	X	
R5_G36_K_1	Recvd Advice About Modifying Job in 2014 (Prov 1)	X	
R5_G36_L_1	Recvd On-the-Job-Training in 2014 (Prov 1)	X	
R5_G36_M_1	Recvd Anything Else in 2014 (Prov 1)	X	
R5_G36_N_1	Recvd Scholarship/Grants/Loans in 2014 (Prov 1)	X	
R5_G36_O_1	Recvd Prescription Svcs/Medication in 2014 (Prov 1)	X	
R5_G37_1	Times per Week, Month, or Total Recvd Services in 2014 (Prov 1)	X	
R5_G37_T2014_1	Total Times Recvd Services in 2014 (Prov 1)	X	
R5_G37_TWEEK_1	Times per Week Recvd Services in 2014 (Prov 1)	X	
R5_G37_TMONTH_1	Times per Month Recvd Services in 2014 (Prov 1)	X	
R5_G38_WEEK_1	Number of Weeks Recvd Services in 2014 (Prov 1)	X	
R5_G38_MONTH_1	Number of Months Recvd Services in 2014 (Prov 1)	X	
R5_G39_1	Length of Each Session Minutes, Hours, or Days (Prov 1)	X	
R5_G39_MIN_1	Minutes Session Lasted (Prov 1)	X	
R5_G39_HR_1	Hours Session Lasted (Prov 1)	X	
R5_G39_DAY_1	Days Session Lasted (Prov 1)	X	
R5_G40_1	Usefulness of Services Provided (Prov 1)	X	
R5_G40_1_A_1	Reason Services not useful : had not recvd all (Prov 1)	X	
R5_G40_1_B_1	Reason Services not useful : not recvd enough (prov 1)	X	
R5_G40_1_C_1	Reason Services not useful : did not fit needs (Prov 1)	X	
R5_G40_1_D_1	Reason Services not useful : personal reason (Prov 1)	X	
R5_G40_1_E_1	Reason Services not useful : poor quality (Prov 1)	X	
R5_G40_1_F_1	Reason Services not useful : Other (Prov 1)	X	
R5_G36_A_2	Recvd Physical Therapy in 2014 (Prov 2)	X	
R5_G36_B_2	Recvd Occupational Therapy in 2014 (Prov 2)	X	
R5_G36_C_2	Recvd Speech Therapy in 2014 (Prov 2)	X	
R5_G36_E_2	Recvd Special Equipment in 2014 (Prov 2)	X	
R5_G36_F_2	Recvd Counseling in 2014 (Prov 2)	X	
R5_G36_G_2	Recvd Group Therapy in 2014 (Prov 2)	X	
R5_G36_D_2	Recvd Medical Procedure in 2014 (Prov 2)	X	
R5_G36_H_2	Recvd Work Assessment in 2014 (Prov 2)	X	
R5_G36_I_2	Recvd Help Finding Job in 2014 (Prov 2)	X	
R5_G36_J_2	Recvd Job Training in 2014 (Prov 2)	X	
R5_G36_K_2	Recvd Advice About Modifying Job in 2014 (Prov 2)	X	
R5_G36_L_2	Recvd On-the-Job-Training in 2014 (Prov 2)	X	
R5_G36_M_2	Recvd Anything Else in 2014 (Prov 2)	X	
R5_G36_N_2	Recvd Scholarship/Grants/Loans in 2014 (Prov 2)	X	
R5_G37_2	Times per Week, Month, or Total Recvd Services in 2014 (Prov 2)	X	
R5_G37_T2014_2	Total Times Recvd Services in 2014 (Prov 2)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G37_TWEEK_2	Times per Week Recvd Services in 2014 (Prov 2)	X	
R5_G37_TMONTH_2	Times per Month Recvd Services in 2014 (Prov 2)	X	
R5_G38_WEEK_2	Number of Weeks Recvd Services in 2014 (Prov 2)	X	
R5_G38_MONTH_2	Number of Months Recvd Services in 2014 (Prov 2)	X	
R5_G39_2	Length of Each Session Minutes, Hours, or Days (Prov 2)	X	
R5_G39_MIN_2	Minutes Session Lasted (Prov 2)	X	
R5_G39_HR_2	Hours Session Lasted (Prov 2)	X	
R5_G39_DAY_2	Days Session Lasted (Prov 2)	X	
R5_G40_2	Usefulness of Services Provided (Prov 2)	X	
R5_G40_1_A_2	Reason Services not useful : had not recvd all (Prov 2)	X	
R5_G40_1_B_2	Reason Services not useful : not recvd enough (prov 2)	X	
R5_G40_1_C_2	Reason Services not useful : did not fit needs (Prov 2)	X	
R5_G40_1_D_2	Reason Services not useful : personal reason (Prov 2)	X	
R5_G40_1_E_2	Reason Services not useful : poor quality (Prov 2)	X	
R5_G40_1_F_2	Reason Services not useful : Other (Prov 2)	X	
R5_G36_A_3	Recvd Physical Therapy in 2014 (Prov 3)	X	
R5_G36_B_3	Recvd Occupational Therapy in 2014 (Prov 3)	X	
R5_G36_C_3	Recvd Speech Therapy in 2014 (Prov 3)	X	
R5_G36_E_3	Recvd Special Equipment in 2014 (Prov 3)	X	
R5_G36_F_3	Recvd Counseling in 2014 (Prov 3)	X	
R5_G36_G_3	Recvd Group Therapy in 2014 (Prov 3)	X	
R5_G36_D_3	Recvd Medical Procedure in 2014 (Prov 3)	X	
R5_G36_H_3	Recvd Work Assessment in 2014 (Prov 3)	X	
R5_G36_I_3	Recvd Help Finding Job in 2014 (Prov 3)	X	
R5_G36_J_3	Recvd Job Training in 2014 (Prov 3)	X	
R5_G36_K_3	Recvd Advice About Modifying Job in 2014 (Prov 3)	X	
R5_G36_L_3	Recvd On-the-Job-Training in 2014 (Prov 3)	X	
R5_G36_M_3	Recvd Anything Else in 2014 (Prov 3)	X	
R5_G36_N_3	Recvd Scholarship/Grants/Loans in 2014 (Prov 3)	X	
R5_G37_3	Times per Week, Month, or Total Recvd Services in 2014 (Prov 3)	X	
R5_G37_T2014_3	Total Times Recvd Services in 2014 (Prov 3)	X	
R5_G37_TWEEK_3	Times per Week Recvd Services in 2014 (Prov 3)	X	
R5_G37_TMONTH_3	Times per Month Recvd Services in 2014 (Prov 3)	X	
R5_G38_WEEK_3	Number of Weeks Recvd Services in 2014 (Prov 3)	X	
R5_G38_MONTH_3	Number of Months Recvd Services in 2014 (Prov 3)	X	
R5_G39_3	Length of Each Session Minutes, Hours, or Days (Prov 3)	X	
R5_G39_MIN_3	Minutes Session Lasted (Prov 3)	X	
R5_G39_HR_3	Hours Session Lasted (Prov 3)	X	
R5_G40_3	Usefulness of Services Provided (Prov 3)	X	
R5_G40_1_A_3	Reason Services not useful : had not recvd all (Prov 3)	X	
R5_G40_1_B_3	Reason Services not useful : not recvd enough (prov 3)	X	
R5_G40_1_C_3	Reason Services not useful : did not fit needs (Prov 3)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G40_1_D_3	Reason Services not useful : personal reason (Prov 3)	X	
R5_G40_1_E_3	Reason Services not useful : poor quality (Prov 3)	X	
R5_G40_1_F_3	Reason Services not useful : Other (Prov 3)	X	
R5_G36_A_4	Recvd Physical Therapy in 2014 (Prov 4)	X	
R5_G36_B_4	Recvd Occupational Therapy in 2014 (Prov 4)	X	
R5_G36_C_4	Recvd Speech Therapy in 2014 (Prov 4)	X	
R5_G36_E_4	Recvd Special Equipment in 2014 (Prov 4)	X	
R5_G36_F_4	Recvd Counseling in 2014 (Prov 4)	X	
R5_G36_G_4	Recvd Group Therapy in 2014 (Prov 4)	X	
R5_G36_D_4	Recvd Medical Procedure in 2014 (Prov 4)	X	
R5_G36_H_4	Recvd Work Assessment in 2014 (Prov 4)	X	
R5_G36_I_4	Recvd Help Finding Job in 2014 (Prov 4)	X	
R5_G36_J_4	Recvd Job Training in 2014 (Prov 4)	X	
R5_G36_K_4	Recvd Advice About Modifying Job in 2014 (Prov 4)	X	
R5_G36_L_4	Recvd On-the-Job-Training in 2014 (Prov 4)	X	
R5_G36_M_4	Recvd Anything Else in 2014 (Prov 4)	X	
R5_G36_N_4	Recvd Scholarship/Grants/Loans in 2014 (Prov 4)	X	
R5_G37_4	Times per Week, Month, or Total Recvd Services in 2014 (Prov 4)	X	
R5_G37_T2014_4	Total Times Recvd Services in 2014 (Prov 4)	X	
R5_G39_4	Length of Each Session Minutes, Hours, or Days (Prov 4)	X	
R5_G39_HR_4	Hours Session Lasted (Prov 4)	X	
R5_G40_4	Usefulness of Services Provided (Prov 4)	X	
R5_G36_A_11	Recvd Physical Therapy in 2014 (Prov 11)	X	
R5_G36_B_11	Recvd Occupational Therapy in 2014 (Prov 11)	X	
R5_G36_C_11	Recvd Speech Therapy in 2014 (Prov 11)	X	
R5_G36_E_11	Recvd Special Equipment in 2014 (Prov 11)	X	
R5_G36_F_11	Recvd Counseling in 2014 (Prov 11)	X	
R5_G36_G_11	Recvd Group Therapy in 2014 (Prov 11)	X	
R5_G36_D_11	Recvd Medical Procedure in 2014 (Prov 11)	X	
R5_G36_H_11	Recvd Work Assessment in 2014 (Prov 11)	X	
R5_G36_I_11	Recvd Help Finding Job in 2014 (Prov 11)	X	
R5_G36_J_11	Recvd Job Training in 2014 (Prov 11)	X	
R5_G36_K_11	Recvd Advice About Modifying Job in 2014 (Prov 11)	X	
R5_G36_L_11	Recvd On-the-Job-Training in 2014 (Prov 11)	X	
R5_G36_M_11	Recvd Anything Else in 2014 (Prov 11)	X	
R5_G36_N_11	Recvd Scholarship/Grants/Loans in 2014 (Prov 11)	X	
R5_G37_11	Times per Week, Month, or Total Recvd Services in 2014 (Prov 11)	X	
R5_G37_T2014_11	Total Times Recvd Services in 2014 (Prov 11)	X	
R5_G37_TWEEK_11	Times per Week Recvd Services in 2014 (Prov 11)	X	
R5_G37_TMONTH_11	Times per Month Recvd Services in 2014 (Prov 11)	X	
R5_G38_WEEK_11	Number of Weeks Recvd Services in 2014 (Prov 11)	X	
R5_G38_MONTH_11	Number of Months Recvd Services in 2014 (Prov 11)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G39_11	Length of Each Session Minutes, Hours, or Days (Prov 11)	X	
R5_G39_MIN_11	Minutes Session Lasted (Prov 11)	X	
R5_G39_HR_11	Hours Session Lasted (Prov 11)	X	
R5_G39_DAY_11	Days Session Lasted (Prov 11)	X	
R5_G40_11	Usefulness of Services Provided (Prov 11)	X	
R5_G40_1_A_11	Reason Services not useful : had not recvd all (Prov 11)	X	
R5_G40_1_B_11	Reason Services not useful : not recvd enough (prov 11)	X	
R5_G40_1_C_11	Reason Services not useful : did not fit needs (Prov 11)	X	
R5_G40_1_D_11	Reason Services not useful : personal reason (Prov 11)	X	
R5_G40_1_E_11	Reason Services not useful : poor quality (Prov 11)	X	
R5_G40_1_F_11	Reason Services not useful : Other (Prov 11)	X	
R5_G36_A_12	Recvd Physical Therapy in 2014 (Prov 12)	X	
R5_G36_B_12	Recvd Occupational Therapy in 2014 (Prov 12)	X	
R5_G36_C_12	Recvd Speech Therapy in 2014 (Prov 12)	X	
R5_G36_E_12	Recvd Special Equipment in 2014 (Prov 12)	X	
R5_G36_F_12	Recvd Counseling in 2014 (Prov 12)	X	
R5_G36_G_12	Recvd Group Therapy in 2014 (Prov 12)	X	
R5_G36_D_12	Recvd Medical Procedure in 2014 (Prov 12)	X	
R5_G36_H_12	Recvd Work Assessment in 2014 (Prov 12)	X	
R5_G36_I_12	Recvd Help Finding Job in 2014 (Prov 12)	X	
R5_G36_J_12	Recvd Job Training in 2014 (Prov 12)	X	
R5_G36_K_12	Recvd Advice About Modifying Job in 2014 (Prov 12)	X	
R5_G36_L_12	Recvd On-the-Job-Training in 2014 (Prov 12)	X	
R5_G36_M_12	Recvd Anything Else in 2014 (Prov 12)	X	
R5_G36_N_12	Recvd Scholarship/Grants/Loans in 2014 (Prov 12)	X	
R5_G37_12	Times per Week, Month, or Total Recvd Services in 2014 (Prov 12)	X	
R5_G37_T2014_12	Total Times Recvd Services in 2014 (Prov 12)	X	
R5_G37_TWEEK_12	Times per Week Recvd Services in 2014 (Prov 12)	X	
R5_G37_TMONTH_12	Times per Month Recvd Services in 2014 (Prov 12)	X	
R5_G38_WEEK_12	Number of Weeks Recvd Services in 2014 (Prov 12)	X	
R5_G38_MONTH_12	Number of Months Recvd Services in 2014 (Prov 12)	X	
R5_G39_12	Length of Each Session Minutes, Hours, or Days (Prov 12)	X	
R5_G39_MIN_12	Minutes Session Lasted (Prov 12)	X	
R5_G39_HR_12	Hours Session Lasted (Prov 12)	X	
R5_G39_DAY_12	Days Session Lasted (Prov 12)	X	
R5_G40_12	Usefulness of Services Provided (Prov 12)	X	
R5_G40_1_A_12	Reason Services not useful : had not recvd all (Prov 12)	X	
R5_G40_1_B_12	Reason Services not useful : not recvd enough (prov 12)	X	
R5_G40_1_C_12	Reason Services not useful : did not fit needs (Prov 12)	X	
R5_G40_1_D_12	Reason Services not useful : personal reason (Prov 12)	X	
R5_G40_1_E_12	Reason Services not useful : poor quality (Prov 12)	X	
R5_G40_1_F_12	Reason Services not useful : Other (Prov 12)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_A_13	Recvd Physical Therapy in 2014 (Prov 13)	X	
R5_G36_B_13	Recvd Occupational Therapy in 2014 (Prov 13)	X	
R5_G36_C_13	Recvd Speech Therapy in 2014 (Prov 13)	X	
R5_G36_E_13	Recvd Special Equipment in 2014 (Prov 13)	X	
R5_G36_F_13	Recvd Counseling in 2014 (Prov 13)	X	
R5_G36_G_13	Recvd Group Therapy in 2014 (Prov 13)	X	
R5_G36_D_13	Recvd Medical Procedure in 2014 (Prov 13)	X	
R5_G36_H_13	Recvd Work Assessment in 2014 (Prov 13)	X	
R5_G36_I_13	Recvd Help Finding Job in 2014 (Prov 13)	X	
R5_G36_J_13	Recvd Job Training in 2014 (Prov 13)	X	
R5_G36_K_13	Recvd Advice About Modifying Job in 2014 (Prov 13)	X	
R5_G36_L_13	Recvd On-the-Job-Training in 2014 (Prov 13)	X	
R5_G36_M_13	Recvd Anything Else in 2014 (Prov 13)	X	
R5_G36_N_13	Recvd Scholarship/Grants/Loans in 2014 (Prov 13)	X	
R5_G37_13	Times per Week, Month, or Total Recvd Services in 2014 (Prov 13)	X	
R5_G37_T2014_13	Total Times Recvd Services in 2014 (Prov 13)	X	
R5_G37_TMONTH_13	Times per Month Recvd Services in 2014 (Prov 13)	X	
R5_G38_MONTH_13	Number of Months Recvd Services in 2014 (Prov 13)	X	
R5_G39_13	Length of Each Session Minutes, Hours, or Days (Prov 13)	X	
R5_G39_HR_13	Hours Session Lasted (Prov 13)	X	
R5_G39_DAY_13	Days Session Lasted (Prov 13)	X	
R5_G40_13	Usefulness of Services Provided (Prov 13)	X	
R5_G40_1_A_13	Reason Services not useful : had not recvd all (Prov 13)	X	
R5_G40_1_B_13	Reason Services not useful : not recvd enough (prov 13)	X	
R5_G40_1_C_13	Reason Services not useful : did not fit needs (Prov 13)	X	
R5_G40_1_D_13	Reason Services not useful : personal reason (Prov 13)	X	
R5_G40_1_E_13	Reason Services not useful : poor quality (Prov 13)	X	
R5_G40_1_F_13	Reason Services not useful : Other (Prov 13)	X	
R5_G36_A_19	Recvd Physical Therapy in 2014 (Prov 19)	X	
R5_G36_B_19	Recvd Occupational Therapy in 2014 (Prov 19)	X	
R5_G36_C_19	Recvd Speech Therapy in 2014 (Prov 19)	X	
R5_G36_E_19	Recvd Special Equipment in 2014 (Prov 19)	X	
R5_G36_F_19	Recvd Counseling in 2014 (Prov 19)	X	
R5_G36_G_19	Recvd Group Therapy in 2014 (Prov 19)	X	
R5_G36_D_19	Recvd Medical Procedure in 2014 (Prov 19)	X	
R5_G36_H_19	Recvd Work Assessment in 2014 (Prov 19)	X	
R5_G36_I_19	Recvd Help Finding Job in 2014 (Prov 19)	X	
R5_G36_J_19	Recvd Job Training in 2014 (Prov 19)	X	
R5_G36_K_19	Recvd Advice About Modifying Job in 2014 (Prov 19)	X	
R5_G36_L_19	Recvd On-the-Job-Training in 2014 (Prov 19)	X	
R5_G36_M_19	Recvd Anything Else in 2014 (Prov 19)	X	
R5_G36_N_19	Recvd Scholarship/Grants/Loans in 2014 (Prov 19)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_O_19	Recvd Prescription Svcs/Medication in 2014 (Prov 19)	X	
R5_G37_19	Times per Week, Month, or Total Recvd Services in 2014 (Prov 19)	X	
R5_G37_T2014_19	Total Times Recvd Services in 2014 (Prov 19)	X	
R5_G37_TWEEK_19	Times per Week Recvd Services in 2014 (Prov 19)	X	
R5_G37_TMONTH_19	Times per Month Recvd Services in 2014 (Prov 19)	X	
R5_G38_WEEK_19	Number of Weeks Recvd Services in 2014 (Prov 19)	X	
R5_G38_MONTH_19	Number of Months Recvd Services in 2014 (Prov 19)	X	
R5_G39_19	Length of Each Session Minutes, Hours, or Days (Prov 19)	X	
R5_G39_MIN_19	Minutes Session Lasted (Prov 19)	X	
R5_G39_HR_19	Hours Session Lasted (Prov 19)	X	
R5_G39_DAY_19	Days Session Lasted (Prov 19)	X	
R5_G40_19	Usefulness of Services Provided (Prov 19)	X	
R5_G40_1_A_19	Reason Services not useful : had not recvd all (Prov 19)	X	
R5_G40_1_B_19	Reason Services not useful : not recvd enough (prov 19)	X	
R5_G40_1_C_19	Reason Services not useful : did not fit needs (Prov 19)	X	
R5_G40_1_D_19	Reason Services not useful : personal reason (Prov 19)	X	
R5_G40_1_E_19	Reason Services not useful : poor quality (Prov 19)	X	
R5_G40_1_F_19	Reason Services not useful : Other (Prov 19)	X	
R5_G36_A_20	Recvd Physical Therapy in 2014 (Prov 20)	X	
R5_G36_B_20	Recvd Occupational Therapy in 2014 (Prov 20)	X	
R5_G36_C_20	Recvd Speech Therapy in 2014 (Prov 20)	X	
R5_G36_E_20	Recvd Special Equipment in 2014 (Prov 20)	X	
R5_G36_F_20	Recvd Counseling in 2014 (Prov 20)	X	
R5_G36_G_20	Recvd Group Therapy in 2014 (Prov 20)	X	
R5_G36_D_20	Recvd Medical Procedure in 2014 (Prov 20)	X	
R5_G36_H_20	Recvd Work Assessment in 2014 (Prov 20)	X	
R5_G36_I_20	Recvd Help Finding Job in 2014 (Prov 20)	X	
R5_G36_J_20	Recvd Job Training in 2014 (Prov 20)	X	
R5_G36_K_20	Recvd Advice About Modifying Job in 2014 (Prov 20)	X	
R5_G36_L_20	Recvd On-the-Job-Training in 2014 (Prov 20)	X	
R5_G36_M_20	Recvd Anything Else in 2014 (Prov 20)	X	
R5_G36_N_20	Recvd Scholarship/Grants/Loans in 2014 (Prov 20)	X	
R5_G36_O_20	Recvd Prescription Svcs/Medication in 2014 (Prov 20)	X	
R5_G37_20	Times per Week, Month, or Total Recvd Services in 2014 (Prov 20)	X	
R5_G37_T2014_20	Total Times Recvd Services in 2014 (Prov 20)	X	
R5_G37_TWEEK_20	Times per Week Recvd Services in 2014 (Prov 20)	X	
R5_G37_TMONTH_20	Times per Month Recvd Services in 2014 (Prov 20)	X	
R5_G38_WEEK_20	Number of Weeks Recvd Services in 2014 (Prov 20)	X	
R5_G38_MONTH_20	Number of Months Recvd Services in 2014 (Prov 20)	X	
R5_G39_20	Length of Each Session Minutes, Hours, or Days (Prov 20)	X	
R5_G39_MIN_20	Minutes Session Lasted (Prov 20)	X	
R5_G39_HR_20	Hours Session Lasted (Prov 20)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G39_DAY_20	Days Session Lasted (Prov 20)	X	
R5_G40_20	Usefulness of Services Provided (Prov 20)	X	
R5_G40_1_A_20	Reason Services not useful : had not recvd all(Prov 20)	X	
R5_G40_1_B_20	Reason Services not useful : not recvd enough (prov 20)	X	
R5_G40_1_C_20	Reason Services not useful : did not fit needs (Prov 20)	X	
R5_G40_1_D_20	Reason Services not useful : personal reason (Prov 20)	X	
R5_G40_1_E_20	Reason Services not useful : poor quality (Prov 20)	X	
R5_G40_1_F_20	Reason Services not useful : Other (Prov 20)	X	
R5_G36_A_21	Recvd Physical Therapy in 2014 (Prov 21)	X	
R5_G36_B_21	Recvd Occupational Therapy in 2014 (Prov 21)	X	
R5_G36_C_21	Recvd Speech Therapy in 2014 (Prov 21)	X	
R5_G36_E_21	Recvd Special Equipment in 2014 (Prov 21)	X	
R5_G36_F_21	Recvd Counseling in 2014 (Prov 21)	X	
R5_G36_G_21	Recvd Group Therapy in 2014 (Prov 21)	X	
R5_G36_D_21	Recvd Medical Procedure in 2014 (Prov 21)	X	
R5_G36_H_21	Recvd Work Assessment in 2014 (Prov 21)	X	
R5_G36_I_21	Recvd Help Finding Job in 2014 (Prov 21)	X	
R5_G36_J_21	Recvd Job Training in 2014 (Prov 21)	X	
R5_G36_K_21	Recvd Advice About Modifying Job in 2014 (Prov 21)	X	
R5_G36_L_21	Recvd On-the-Job-Training in 2014 (Prov 21)	X	
R5_G36_M_21	Recvd Anything Else in 2014 (Prov 21)	X	
R5_G36_N_21	Recvd Scholarship/Grants/Loans in 2014 (Prov 21)	X	
R5_G36_O_21	Recvd Prescription Svcs/Medication in 2014 (Prov 21)	X	
R5_G37_21	Times per Week, Month, or Total Recvd Services in 2014 (Prov 21)	X	
R5_G37_T2014_21	Total Times Recvd Services in 2014 (Prov 21)	X	
R5_G37_TWEEK_21	Times per Week Recvd Services in 2014 (Prov 21)	X	
R5_G37_TMONTH_21	Times per Month Recvd Services in 2014 (Prov 21)	X	
R5_G38_WEEK_21	Number of Weeks Recvd Services in 2014 (Prov 21)	X	
R5_G38_MONTH_21	Number of Months Recvd Services in 2014 (Prov 21)	X	
R5_G39_21	Length of Each Session Minutes, Hours, or Days (Prov 21)	X	
R5_G39_MIN_21	Minutes Session Lasted (Prov 21)	X	
R5_G39_HR_21	Hours Session Lasted (Prov 21)	X	
R5_G39_DAY_21	Days Session Lasted (Prov 21)	X	
R5_G40_21	Usefulness of Services Provided (Prov 21)	X	
R5_G40_1_A_21	Reason Services not useful : had not recvd all (Prov 21)	X	
R5_G40_1_B_21	Reason Services not useful : not recvd enough (prov 21)	X	
R5_G40_1_C_21	Reason Services not useful : did not fit needs (Prov 21)	X	
R5_G40_1_D_21	Reason Services not useful : personal reason (Prov 21)	X	
R5_G40_1_E_21	Reason Services not useful : poor quality (Prov 21)	X	
R5_G40_1_F_21	Reason Services not useful : Other (Prov 21)	X	
R5_G36_A_22	Recvd Physical Therapy in 2014 (Prov 22)	X	
R5_G36_B_22	Recvd Occupational Therapy in 2014 (Prov 22)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_C_22	Recvd Speech Therapy in 2014 (Prov 22)	X	
R5_G36_E_22	Recvd Special Equipment in 2014 (Prov 22)	X	
R5_G36_F_22	Recvd Counseling in 2014 (Prov 22)	X	
R5_G36_G_22	Recvd Group Therapy in 2014 (Prov 22)	X	
R5_G36_D_22	Recvd Medical Procedure in 2014 (Prov 22)	X	
R5_G36_H_22	Recvd Work Assessment in 2014 (Prov 22)	X	
R5_G36_I_22	Recvd Help Finding Job in 2014 (Prov 22)	X	
R5_G36_J_22	Recvd Job Training in 2014 (Prov 22)	X	
R5_G36_K_22	Recvd Advice About Modifying Job in 2014 (Prov 22)	X	
R5_G36_L_22	Recvd On-the-Job-Training in 2014 (Prov 22)	X	
R5_G36_M_22	Recvd Anything Else in 2014 (Prov 22)	X	
R5_G36_N_22	Recvd Scholarship/Grants/Loans in 2014 (Prov 22)	X	
R5_G37_22	Times per Week, Month, or Total Recvd Services in 2014 (Prov 22)	X	
R5_G37_T2014_22	Total Times Recvd Services in 2014 (Prov 22)	X	
R5_G37_TWEEK_22	Times per Week Recvd Services in 2014 (Prov 22)	X	
R5_G37_TMONTH_22	Times per Month Recvd Services in 2014 (Prov 22)	X	
R5_G38_WEEK_22	Number of Weeks Recvd Services in 2014 (Prov 22)	X	
R5_G38_MONTH_22	Number of Months Recvd Services in 2014 (Prov 22)	X	
R5_G39_22	Length of Each Session Minutes, Hours, or Days (Prov 22)	X	
R5_G39_MIN_22	Minutes Session Lasted (Prov 22)	X	
R5_G39_HR_22	Hours Session Lasted (Prov 22)	X	
R5_G39_DAY_22	Days Session Lasted (Prov 22)	X	
R5_G40_22	Usefulness of Services Provided (Prov 22)	X	
R5_G40_1_A_22	Reason Services not useful : had not recvd all (Prov 22)	X	
R5_G40_1_B_22	Reason Services not useful : not recvd enough (prov 22)	X	
R5_G40_1_C_22	Reason Services not useful : did not fit needs (Prov 22)	X	
R5_G40_1_D_22	Reason Services not useful : personal reason (Prov 22)	X	
R5_G40_1_E_22	Reason Services not useful : poor quality (Prov 22)	X	
R5_G40_1_F_22	Reason Services not useful : Other (Prov 22)	X	
R5_G36_A_23	Recvd Physical Therapy in 2014 (Prov 23)	X	
R5_G36_B_23	Recvd Occupational Therapy in 2014 (Prov 23)	X	
R5_G36_C_23	Recvd Speech Therapy in 2014 (Prov 23)	X	
R5_G36_E_23	Recvd Special Equipment in 2014 (Prov 23)	X	
R5_G36_F_23	Recvd Counseling in 2014 (Prov 23)	X	
R5_G36_G_23	Recvd Group Therapy in 2014 (Prov 23)	X	
R5_G36_D_23	Recvd Medical Procedure in 2014 (Prov 23)	X	
R5_G36_H_23	Recvd Work Assessment in 2014 (Prov 23)	X	
R5_G36_I_23	Recvd Help Finding Job in 2014 (Prov 23)	X	
R5_G36_J_23	Recvd Job Training in 2014 (Prov 23)	X	
R5_G36_K_23	Recvd Advice About Modifying Job in 2014 (Prov 23)	X	
R5_G36_L_23	Recvd On-the-Job-Training in 2014 (Prov 23)	X	
R5_G36_M_23	Recvd Anything Else in 2014 (Prov 23)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_N_23	Recvd Scholarship/Grants/Loans in 2014 (Prov 23)	X	
R5_G37_23	Times per Week, Month, or Total Recvd Services in 2014 (Prov 23)	X	
R5_G37_T2014_23	Total Times Recvd Services in 2014 (Prov 23)	X	
R5_G37_TWEEK_23	Times per Week Recvd Services in 2014 (Prov 23)	X	
R5_G37_TMONTH_23	Times per Month Recvd Services in 2014 (Prov 23)	X	
R5_G38_WEEK_23	Number of Weeks Recvd Services in 2014 (Prov 23)	X	
R5_G38_MONTH_23	Number of Months Recvd Services in 2014 (Prov 23)	X	
R5_G39_23	Length of Each Session Minutes, Hours, or Days (Prov 23)	X	
R5_G39_MIN_23	Minutes Session Lasted (Prov 23)	X	
R5_G39_HR_23	Hours Session Lasted (Prov 23)	X	
R5_G39_DAY_23	Days Session Lasted (Prov 23)	X	
R5_G40_23	Usefulness of Services Provided (Prov 23)	X	
R5_G40_1_A_23	Reason Services not useful : had not recvd all (Prov 23)	X	
R5_G40_1_B_23	Reason Services not useful : not recvd enough (prov 23)	X	
R5_G40_1_C_23	Reason Services not useful : did not fit needs (Prov 23)	X	
R5_G40_1_D_23	Reason Services not useful : personal reason (Prov 23)	X	
R5_G40_1_E_23	Reason Services not useful : poor quality (Prov 23)	X	
R5_G40_1_F_23	Reason Services not useful : Other (Prov 23)	X	
R5_G36_A_24	Recvd Physical Therapy in 2014 (Prov 24)	X	
R5_G36_B_24	Recvd Occupational Therapy in 2014 (Prov 24)	X	
R5_G36_C_24	Recvd Speech Therapy in 2014 (Prov 24)	X	
R5_G36_E_24	Recvd Special Equipment in 2014 (Prov 24)	X	
R5_G36_F_24	Recvd Counseling in 2014 (Prov 24)	X	
R5_G36_G_24	Recvd Group Therapy in 2014 (Prov 24)	X	
R5_G36_D_24	Recvd Medical Procedure in 2014 (Prov 24)	X	
R5_G36_H_24	Recvd Work Assessment in 2014 (Prov 24)	X	
R5_G36_I_24	Recvd Help Finding Job in 2014 (Prov 24)	X	
R5_G36_J_24	Recvd Job Training in 2014 (Prov 24)	X	
R5_G36_K_24	Recvd Advice About Modifying Job in 2014 (Prov 24)	X	
R5_G36_L_24	Recvd On-the-Job-Training in 2014 (Prov 24)	X	
R5_G36_M_24	Recvd Anything Else in 2014 (Prov 24)	X	
R5_G36_N_24	Recvd Scholarship/Grants/Loans in 2014 (Prov 24)	X	
R5_G37_24	Times per Week, Month, or Total Recvd Services in 2014 (Prov 24)	X	
R5_G37_T2014_24	Total Times Recvd Services in 2014 (Prov 24)	X	
R5_G37_TWEEK_24	Times per Week Recvd Services in 2014 (Prov 24)	X	
R5_G38_WEEK_24	Number of Weeks Recvd Services in 2014 (Prov 24)	X	
R5_G39_24	Length of Each Session Minutes, Hours, or Days (Prov 24)	X	
R5_G39_MIN_24	Minutes Session Lasted (Prov 24)	X	
R5_G39_HR_24	Hours Session Lasted (Prov 24)	X	
R5_G39_DAY_24	Days Session Lasted (Prov 24)	X	
R5_G40_24	Usefulness of Services Provided (Prov 24)	X	
R5_G40_1_A_24	Reason Services not useful : had not recvd all (Prov 24)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G40_1_B_24	Reason Services not useful : not recvd enough (prov 24)	X	
R5_G40_1_C_24	Reason Services not useful : did not fit needs (Prov 24)	X	
R5_G40_1_D_24	Reason Services not useful : personal reason (Prov 24)	X	
R5_G40_1_E_24	Reason Services not useful : poor quality (Prov 24)	X	
R5_G40_1_F_24	Reason Services not useful : Other (Prov 24)	X	
R5_G36_A_25	Recvd Physical Therapy in 2014 (Prov 25)	X	
R5_G36_B_25	Recvd Occupational Therapy in 2014 (Prov 25)	X	
R5_G36_C_25	Recvd Speech Therapy in 2014 (Prov 25)	X	
R5_G36_E_25	Recvd Special Equipment in 2014 (Prov 25)	X	
R5_G36_F_25	Recvd Counseling in 2014 (Prov 25)	X	
R5_G36_G_25	Recvd Group Therapy in 2014 (Prov 25)	X	
R5_G36_D_25	Recvd Medical Procedure in 2014 (Prov 25)	X	
R5_G36_H_25	Recvd Work Assessment in 2014 (Prov 25)	X	
R5_G36_I_25	Recvd Help Finding Job in 2014 (Prov 25)	X	
R5_G36_J_25	Recvd Job Training in 2014 (Prov 25)	X	
R5_G36_K_25	Recvd Advice About Modifying Job in 2014 (Prov 25)	X	
R5_G36_L_25	Recvd On-the-Job-Training in 2014 (Prov 25)	X	
R5_G36_M_25	Recvd Anything Else in 2014 (Prov 25)	X	
R5_G36_N_25	Recvd Scholarship/Grants/Loans in 2014 (Prov 25)	X	
R5_G37_25	Times per Week, Month, or Total Recvd Services in 2014 (Prov 25)	X	
R5_G37_T2014_25	Total Times Recvd Services in 2014 (Prov 25)	X	
R5_G37_TWEEK_25	Times per Week Recvd Services in 2014 (Prov 25)	X	
R5_G38_WEEK_25	Number of Weeks Recvd Services in 2014 (Prov 25)	X	
R5_G38_MONTH_25	Number of Months Recvd Services in 2014 (Prov 25)	X	
R5_G39_25	Length of Each Session Minutes, Hours, or Days (Prov 25)	X	
R5_G39_MIN_25	Minutes Session Lasted (Prov 25)	X	
R5_G39_HR_25	Hours Session Lasted (Prov 25)	X	
R5_G40_25	Usefulness of Services Provided (Prov 25)	X	
R5_G36_A_26	Recvd Physical Therapy in 2014 (Prov 26)	X	
R5_G36_B_26	Recvd Occupational Therapy in 2014 (Prov 26)	X	
R5_G36_C_26	Recvd Speech Therapy in 2014 (Prov 26)	X	
R5_G36_E_26	Recvd Special Equipment in 2014 (Prov 26)	X	
R5_G36_F_26	Recvd Counseling in 2014 (Prov 26)	X	
R5_G36_G_26	Recvd Group Therapy in 2014 (Prov 26)	X	
R5_G36_D_26	Recvd Medical Procedure in 2014 (Prov 26)	X	
R5_G36_H_26	Recvd Work Assessment in 2014 (Prov 26)	X	
R5_G36_I_26	Recvd Help Finding Job in 2014 (Prov 26)	X	
R5_G36_J_26	Recvd Job Training in 2014 (Prov 26)	X	
R5_G36_K_26	Recvd Advice About Modifying Job in 2014 (Prov 26)	X	
R5_G36_L_26	Recvd On-the-Job-Training in 2014 (Prov 26)	X	
R5_G36_M_26	Recvd Anything Else in 2014 (Prov 26)	X	
R5_G36_N_26	Recvd Scholarship/Grants/Loans in 2014 (Prov 26)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G37_26	Times per Week, Month, or Total Recvd Services in 2014 (Prov 26)	X	
R5_G37_T2014_26	Total Times Recvd Services in 2014 (Prov 26)	X	
R5_G37_TWEEK_26	Times per Week Recvd Services in 2014 (Prov 26)	X	
R5_G38_WEEK_26	Number of Weeks Recvd Services in 2014 (Prov 26)	X	
R5_G39_26	Length of Each Session Minutes, Hours, or Days (Prov 26)	X	
R5_G39_MIN_26	Minutes Session Lasted (Prov 26)	X	
R5_G39_HR_26	Hours Session Lasted (Prov 26)	X	
R5_G40_26	Usefulness of Services Provided (Prov 26)	X	
R5_G36_A_27	Recvd Physical Therapy in 2014 (Prov 27)	X	
R5_G36_B_27	Recvd Occupational Therapy in 2014 (Prov 27)	X	
R5_G36_C_27	Recvd Speech Therapy in 2014 (Prov 27)	X	
R5_G36_E_27	Recvd Special Equipment in 2014 (Prov 27)	X	
R5_G36_F_27	Recvd Counseling in 2014 (Prov 27)	X	
R5_G36_G_27	Recvd Group Therapy in 2014 (Prov 27)	X	
R5_G36_D_27	Recvd Medical Procedure in 2014 (Prov 27)	X	
R5_G36_H_27	Recvd Work Assessment in 2014 (Prov 27)	X	
R5_G36_I_27	Recvd Help Finding Job in 2014 (Prov 27)	X	
R5_G36_J_27	Recvd Job Training in 2014 (Prov 27)	X	
R5_G36_K_27	Recvd Advice About Modifying Job in 2014 (Prov 27)	X	
R5_G36_L_27	Recvd On-the-Job-Training in 2014 (Prov 27)	X	
R5_G36_M_27	Recvd Anything Else in 2014 (Prov 27)	X	
R5_G36_N_27	Recvd Scholarship/Grants/Loans in 2014 (Prov 27)	X	
R5_G36_O_27	Recvd Prescription Svcs/Medication in 2014 (Prov 27)	X	
R5_G37_27	Times per Week, Month, or Total Recvd Services in 2014 (Prov 27)	X	
R5_G37_T2014_27	Total Times Recvd Services in 2014 (Prov 27)	X	
R5_G37_TWEEK_27	Times per Week Recvd Services in 2014 (Prov 27)	X	
R5_G37_TMONTH_27	Times per Month Recvd Services in 2014 (Prov 27)	X	
R5_G38_WEEK_27	Number of Weeks Recvd Services in 2014 (Prov 27)	X	
R5_G38_MONTH_27	Number of Months Recvd Services in 2014 (Prov 27)	X	
R5_G39_27	Length of Each Session Minutes, Hours, or Days (Prov 27)	X	
R5_G39_MIN_27	Minutes Session Lasted (Prov 27)	X	
R5_G39_HR_27	Hours Session Lasted (Prov 27)	X	
R5_G39_DAY_27	Days Session Lasted (Prov 27)	X	
R5_G40_27	Usefulness of Services Provided (Prov 27)	X	
R5_G40_1_A_27	Reason Services not useful : had not recvd all (Prov 27)	X	
R5_G40_1_B_27	Reason Services not useful : not recvd enough (prov 27)	X	
R5_G40_1_C_27	Reason Services not useful : did not fit needs (Prov 27)	X	
R5_G40_1_D_27	Reason Services not useful : personal reason (Prov 27)	X	
R5_G40_1_E_27	Reason Services not useful : poor quality (Prov 27)	X	
R5_G40_1_F_27	Reason Services not useful : Other (Prov 27)	X	
R5_G36_A_28	Recvd Physical Therapy in 2014 (Prov 28)	X	
R5_G36_B_28	Recvd Occupational Therapy in 2014 (Prov 28)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_C_28	Recvd Speech Therapy in 2014 (Prov 28)	X	
R5_G36_E_28	Recvd Special Equipment in 2014 (Prov 28)	X	
R5_G36_F_28	Recvd Counseling in 2014 (Prov 28)	X	
R5_G36_G_28	Recvd Group Therapy in 2014 (Prov 28)	X	
R5_G36_D_28	Recvd Medical Procedure in 2014 (Prov 28)	X	
R5_G36_H_28	Recvd Work Assessment in 2014 (Prov 28)	X	
R5_G36_I_28	Recvd Help Finding Job in 2014 (Prov 28)	X	
R5_G36_J_28	Recvd Job Training in 2014 (Prov 28)	X	
R5_G36_K_28	Recvd Advice About Modifying Job in 2014 (Prov 28)	X	
R5_G36_L_28	Recvd On-the-Job-Training in 2014 (Prov 28)	X	
R5_G36_M_28	Recvd Anything Else in 2014 (Prov 28)	X	
R5_G36_N_28	Recvd Scholarship/Grants/Loans in 2014 (Prov 28)	X	
R5_G36_O_28	Recvd Prescription Svcs/Medication in 2014 (Prov 28)	X	
R5_G37_28	Times per Week, Month, or Total Recvd Services in 2014 (Prov 28)	X	
R5_G37_T2014_28	Total Times Recvd Services in 2014 (Prov 28)	X	
R5_G37_TWEEK_28	Times per Week Recvd Services in 2014 (Prov 28)	X	
R5_G37_TMONTH_28	Times per Month Recvd Services in 2014 (Prov 28)	X	
R5_G38_WEEK_28	Number of Weeks Recvd Services in 2014 (Prov 28)	X	
R5_G38_MONTH_28	Number of Months Recvd Services in 2014 (Prov 28)	X	
R5_G39_28	Length of Each Session Minutes, Hours, or Days (Prov 28)	X	
R5_G39_MIN_28	Minutes Session Lasted (Prov 28)	X	
R5_G39_HR_28	Hours Session Lasted (Prov 28)	X	
R5_G39_DAY_28	Days Session Lasted (Prov 28)	X	
R5_G40_28	Usefulness of Services Provided (Prov 28)	X	
R5_G40_1_A_28	Reason Services not useful : had not recvd all(Prov 28)	X	
R5_G40_1_B_28	Reason Services not useful : not recvd enough (prov 28)	X	
R5_G40_1_C_28	Reason Services not useful : did not fit needs (Prov 28)	X	
R5_G40_1_D_28	Reason Services not useful : personal reason (Prov 28)	X	
R5_G40_1_E_28	Reason Services not useful : poor quality (Prov 28)	X	
R5_G40_1_F_28	Reason Services not useful : Other (Prov 28)	X	
R5_G36_A_29	Recvd Physical Therapy in 2014 (Prov 29)	X	
R5_G36_B_29	Recvd Occupational Therapy in 2014 (Prov 29)	X	
R5_G36_C_29	Recvd Speech Therapy in 2014 (Prov 29)	X	
R5_G36_E_29	Recvd Special Equipment in 2014 (Prov 29)	X	
R5_G36_F_29	Recvd Counseling in 2014 (Prov 29)	X	
R5_G36_G_29	Recvd Group Therapy in 2014 (Prov 29)	X	
R5_G36_D_29	Recvd Medical Procedure in 2014 (Prov 29)	X	
R5_G36_H_29	Recvd Work Assessment in 2014 (Prov 29)	X	
R5_G36_I_29	Recvd Help Finding Job in 2014 (Prov 29)	X	
R5_G36_J_29	Recvd Job Training in 2014 (Prov 29)	X	
R5_G36_K_29	Recvd Advice About Modifying Job in 2014 (Prov 29)	X	
R5_G36_L_29	Recvd On-the-Job-Training in 2014 (Prov 29)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_M_29	Recvd Anything Else in 2014 (Prov 29)	X	
R5_G36_N_29	Recvd Scholarship/Grants/Loans in 2014 (Prov 29)	X	
R5_G36_O_29	Recvd Prescription Svcs/Medication in 2014 (Prov 29)	X	
R5_G37_29	Times per Week, Month, or Total Recvd Services in 2014 (Prov 29)	X	
R5_G37_T2014_29	Total Times Recvd Services in 2014 (Prov 29)	X	
R5_G37_TWEEK_29	Times per Week Recvd Services in 2014 (Prov 29)	X	
R5_G37_TMONTH_29	Times per Month Recvd Services in 2014 (Prov 29)	X	
R5_G38_WEEK_29	Number of Weeks Recvd Services in 2014 (Prov 29)	X	
R5_G38_MONTH_29	Number of Months Recvd Services in 2014 (Prov 29)	X	
R5_G39_29	Length of Each Session Minutes, Hours, or Days (Prov 29)	X	
R5_G39_MIN_29	Minutes Session Lasted (Prov 29)	X	
R5_G39_HR_29	Hours Session Lasted (Prov 29)	X	
R5_G39_DAY_29	Days Session Lasted (Prov 29)	X	
R5_G40_29	Usefulness of Services Provided (Prov 29)	X	
R5_G40_1_A_29	Reason Services not useful : had not recvd all (Prov 29)	X	
R5_G40_1_B_29	Reason Services not useful : not recvd enough (prov 29)	X	
R5_G40_1_C_29	Reason Services not useful : did not fit needs (Prov 29)	X	
R5_G40_1_D_29	Reason Services not useful : personal reason (Prov 29)	X	
R5_G40_1_E_29	Reason Services not useful : poor quality (Prov 29)	X	
R5_G40_1_F_29	Reason Services not useful : Other (Prov 29)	X	
R5_G36_A_30	Recvd Physical Therapy in 2014 (Prov 30)	X	
R5_G36_B_30	Recvd Occupational Therapy in 2014 (Prov 30)	X	
R5_G36_C_30	Recvd Speech Therapy in 2014 (Prov 30)	X	
R5_G36_E_30	Recvd Special Equipment in 2014 (Prov 30)	X	
R5_G36_F_30	Recvd Counseling in 2014 (Prov 30)	X	
R5_G36_G_30	Recvd Group Therapy in 2014 (Prov 30)	X	
R5_G36_D_30	Recvd Medical Procedure in 2014 (Prov 30)	X	
R5_G36_H_30	Recvd Work Assessment in 2014 (Prov 30)	X	
R5_G36_I_30	Recvd Help Finding Job in 2014 (Prov 30)	X	
R5_G36_J_30	Recvd Job Training in 2014 (Prov 30)	X	
R5_G36_K_30	Recvd Advice About Modifying Job in 2014 (Prov 30)	X	
R5_G36_L_30	Recvd On-the-Job-Training in 2014 (Prov 30)	X	
R5_G36_M_30	Recvd Anything Else in 2014 (Prov 30)	X	
R5_G36_N_30	Recvd Scholarship/Grants/Loans in 2014 (Prov 30)	X	
R5_G37_30	Times per Week, Month, or Total Recvd Services in 2014 (Prov 30)	X	
R5_G37_T2014_30	Total Times Recvd Services in 2014 (Prov 30)	X	
R5_G37_TWEEK_30	Times per Week Recvd Services in 2014 (Prov 30)	X	
R5_G37_TMONTH_30	Times per Month Recvd Services in 2014 (Prov 30)	X	
R5_G38_WEEK_30	Number of Weeks Recvd Services in 2014 (Prov 30)	X	
R5_G38_MONTH_30	Number of Months Recvd Services in 2014 (Prov 30)	X	
R5_G39_30	Length of Each Session Minutes, Hours, or Days (Prov 30)	X	
R5_G39_MIN_30	Minutes Session Lasted (Prov 30)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G39_HR_30	Hours Session Lasted (Prov 30)	X	
R5_G39_DAY_30	Days Session Lasted (Prov 30)	X	
R5_G40_30	Usefulness of Services Provided (Prov 30)	X	
R5_G40_1_A_30	Reason Services not useful : had not recvd all (Prov 30)	X	
R5_G40_1_B_30	Reason Services not useful : not recvd enough (prov 30)	X	
R5_G40_1_C_30	Reason Services not useful : did not fit needs (Prov 30)	X	
R5_G40_1_D_30	Reason Services not useful : personal reason (Prov 30)	X	
R5_G40_1_E_30	Reason Services not useful : poor quality (Prov 30)	X	
R5_G40_1_F_30	Reason Services not useful : Other (Prov 30)	X	
R5_G36_A_31	Recvd Physical Therapy in 2014 (Prov 31)	X	
R5_G36_B_31	Recvd Occupational Therapy in 2014 (Prov 31)	X	
R5_G36_C_31	Recvd Speech Therapy in 2014 (Prov 31)	X	
R5_G36_E_31	Recvd Special Equipment in 2014 (Prov 31)	X	
R5_G36_F_31	Recvd Counseling in 2014 (Prov 31)	X	
R5_G36_G_31	Recvd Group Therapy in 2014 (Prov 31)	X	
R5_G36_D_31	Recvd Medical Procedure in 2014 (Prov 31)	X	
R5_G36_H_31	Recvd Work Assessment in 2014 (Prov 31)	X	
R5_G36_I_31	Recvd Help Finding Job in 2014 (Prov 31)	X	
R5_G36_J_31	Recvd Job Training in 2014 (Prov 31)	X	
R5_G36_K_31	Recvd Advice About Modifying Job in 2014 (Prov 31)	X	
R5_G36_L_31	Recvd On-the-Job-Training in 2014 (Prov 31)	X	
R5_G36_M_31	Recvd Anything Else in 2014 (Prov 31)	X	
R5_G36_N_31	Recvd Scholarship/Grants/Loans in 2014 (Prov 31)	X	
R5_G36_O_31	Recvd Prescription Svcs/Medication in 2014 (Prov 31)	X	
R5_G37_31	Times per Week, Month, or Total Recvd Services in 2014 (Prov 31)	X	
R5_G37_T2014_31	Total Times Recvd Services in 2014 (Prov 31)	X	
R5_G37_TWEEK_31	Times per Week Recvd Services in 2014 (Prov 31)	X	
R5_G37_TMONTH_31	Times per Month Recvd Services in 2014 (Prov 31)	X	
R5_G38_WEEK_31	Number of Weeks Recvd Services in 2014 (Prov 31)	X	
R5_G38_MONTH_31	Number of Months Recvd Services in 2014 (Prov 31)	X	
R5_G39_31	Length of Each Session Minutes, Hours, or Days (Prov 31)	X	
R5_G39_MIN_31	Minutes Session Lasted (Prov 31)	X	
R5_G39_HR_31	Hours Session Lasted (Prov 31)	X	
R5_G40_31	Usefulness of Services Provided (Prov 31)	X	
R5_G40_1_A_31	Reason Services not useful : had not recvd all (Prov 31)	X	
R5_G40_1_B_31	Reason Services not useful : not recvd enough (prov 31)	X	
R5_G40_1_C_31	Reason Services not useful : did not fit needs (Prov 31)	X	
R5_G40_1_D_31	Reason Services not useful : personal reason (Prov 31)	X	
R5_G40_1_E_31	Reason Services not useful : poor quality (Prov 31)	X	
R5_G40_1_F_31	Reason Services not useful : Other (Prov 31)	X	
R5_G36_A_32	Recvd Physical Therapy in 2014 (Prov 32)	X	
R5_G36_B_32	Recvd Occupational Therapy in 2014 (Prov 32)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_C_32	Recvd Speech Therapy in 2014 (Prov 32)	X	
R5_G36_E_32	Recvd Special Equipment in 2014 (Prov 32)	X	
R5_G36_F_32	Recvd Counseling in 2014 (Prov 32)	X	
R5_G36_G_32	Recvd Group Therapy in 2014 (Prov 32)	X	
R5_G36_D_32	Recvd Medical Procedure in 2014 (Prov 32)	X	
R5_G36_H_32	Recvd Work Assessment in 2014 (Prov 32)	X	
R5_G36_I_32	Recvd Help Finding Job in 2014 (Prov 32)	X	
R5_G36_J_32	Recvd Job Training in 2014 (Prov 32)	X	
R5_G36_K_32	Recvd Advice About Modifying Job in 2014 (Prov 32)	X	
R5_G36_L_32	Recvd On-the-Job-Training in 2014 (Prov 32)	X	
R5_G36_M_32	Recvd Anything Else in 2014 (Prov 32)	X	
R5_G36_N_32	Recvd Scholarship/Grants/Loans in 2014 (Prov 32)	X	
R5_G37_32	Times per Week, Month, or Total Recvd Services in 2014 (Prov 32)	X	
R5_G37_TMONTH_32	Times per Month Recvd Services in 2014 (Prov 32)	X	
R5_G38_MONTH_32	Number of Months Recvd Services in 2014 (Prov 32)	X	
R5_G39_32	Length of Each Session Minutes, Hours, or Days (Prov 32)	X	
R5_G39_MIN_32	Minutes Session Lasted (Prov 32)	X	
R5_G40_32	Usefulness of Services Provided (Prov 32)	X	
R5_G36_A_33	Recvd Physical Therapy in 2014 (Prov 33)	X	
R5_G36_B_33	Recvd Occupational Therapy in 2014 (Prov 33)	X	
R5_G36_C_33	Recvd Speech Therapy in 2014 (Prov 33)	X	
R5_G36_E_33	Recvd Special Equipment in 2014 (Prov 33)	X	
R5_G36_F_33	Recvd Counseling in 2014 (Prov 33)	X	
R5_G36_G_33	Recvd Group Therapy in 2014 (Prov 33)	X	
R5_G36_D_33	Recvd Medical Procedure in 2014 (Prov 33)	X	
R5_G36_H_33	Recvd Work Assessment in 2014 (Prov 33)	X	
R5_G36_I_33	Recvd Help Finding Job in 2014 (Prov 33)	X	
R5_G36_J_33	Recvd Job Training in 2014 (Prov 33)	X	
R5_G36_K_33	Recvd Advice About Modifying Job in 2014 (Prov 33)	X	
R5_G36_L_33	Recvd On-the-Job-Training in 2014 (Prov 33)	X	
R5_G36_M_33	Recvd Anything Else in 2014 (Prov 33)	X	
R5_G36_N_33	Recvd Scholarship/Grants/Loans in 2014 (Prov 33)	X	
R5_G37_33	Times per Week, Month, or Total Recvd Services in 2014 (Prov 33)	X	
R5_G37_T2014_33	Total Times Recvd Services in 2014 (Prov 33)	X	
R5_G37_TMONTH_33	Times per Month Recvd Services in 2014 (Prov 33)	X	
R5_G38_MONTH_33	Number of Months Recvd Services in 2014 (Prov 33)	X	
R5_G39_33	Length of Each Session Minutes, Hours, or Days (Prov 33)	X	
R5_G39_MIN_33	Minutes Session Lasted (Prov 33)	X	
R5_G39_HR_33	Hours Session Lasted (Prov 33)	X	
R5_G40_33	Usefulness of Services Provided (Prov 33)	X	
R5_G36_A_34	Recvd Physical Therapy in 2014 (Prov 34)	X	
R5_G36_B_34	Recvd Occupational Therapy in 2014 (Prov 34)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G36_C_34	Recvd Speech Therapy in 2014 (Prov 34)	X	
R5_G36_E_34	Recvd Special Equipment in 2014 (Prov 34)	X	
R5_G36_F_34	Recvd Counseling in 2014 (Prov 34)	X	
R5_G36_G_34	Recvd Group Therapy in 2014 (Prov 34)	X	
R5_G36_D_34	Recvd Medical Procedure in 2014 (Prov 34)	X	
R5_G36_H_34	Recvd Work Assessment in 2014 (Prov 34)	X	
R5_G36_I_34	Recvd Help Finding Job in 2014 (Prov 34)	X	
R5_G36_J_34	Recvd Job Training in 2014 (Prov 34)	X	
R5_G36_K_34	Recvd Advice About Modifying Job in 2014 (Prov 34)	X	
R5_G36_L_34	Recvd On-the-Job-Training in 2014 (Prov 34)	X	
R5_G36_M_34	Recvd Anything Else in 2014 (Prov 34)	X	
R5_G36_N_34	Recvd Scholarship/Grants/Loans in 2014 (Prov 34)	X	
R5_G37_34	Times per Week, Month, or Total Recvd Services in 2014 (Prov 34)	X	
R5_G37_T2014_34	Total Times Recvd Services in 2014 (Prov 34)	X	
R5_G37_TMONTH_34	Times per Month Recvd Services in 2014 (Prov 34)	X	
R5_G38_MONTH_34	Number of Months Recvd Services in 2014 (Prov 34)	X	
R5_G39_34	Length of Each Session Minutes, Hours, or Days (Prov 34)	X	
R5_G39_MIN_34	Minutes Session Lasted (Prov 34)	X	
R5_G39_HR_34	Hours Session Lasted (Prov 34)	X	
R5_G39_DAY_34	Days Session Lasted (Prov 34)	X	
R5_G40_34	Usefulness of Services Provided (Prov 34)	X	
R5_G40_1_A_34	Reason Services not useful : had not recvd all (Prov 34)	X	
R5_G40_1_B_34	Reason Services not useful : not recvd enough (prov 34)	X	
R5_G40_1_C_34	Reason Services not useful : did not fit needs (Prov 34)	X	
R5_G40_1_D_34	Reason Services not useful : personal reason (Prov 34)	X	
R5_G40_1_E_34	Reason Services not useful : poor quality (Prov 34)	X	
R5_G40_1_F_34	Reason Services not useful : Other (Prov 34)	X	
R5_G53_1	Used Services to Find Job	X	X
R5_G53_2	Used Services to Increase Income	X	X
R5_G53_3	Used Services to Improve Health	X	X
R5_G53_4	Used Services to Improve Daily Activities	X	X
R5_G53_5	Used Services to Avoid Review	X	X
R5_G53_6	Used Services b/c of Pressure	X	X
R5_G53_7	Used Services to Access Program	X	X
R5_G53_8	Used Services For Other Reason	X	X
R5_G53_9	Used Services to be More Independent	X	X
R5_G54	Someone Pressured to Use Services	X	X
R5_G55_1	Parent Pressured to Use Services	X	
R5_G55_2	Spouse Pressured to Use Services	X	
R5_G55_3	Family Pressured to Use Services	X	
R5_G55_4	Friend Pressured to Use Services	X	
R5_G55_5	Employer Pressured to Use Services	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_G55_6	EN Staff Pressured to Use Services	X	
R5_G55_7	VR Pressured to Use Services	X	
R5_G55_8	Job Coach Pressured to Use Services	X	
R5_G55_9	SSA Letter Pressured to Use Services	X	
R5_G55_10	SSA Staff Pressured to Use Services	X	
R5_G55_11	Work incentives planning and assistance program or benefit specialist	X	
R5_G55_12	Other Pressured to Use Services	X	
R5_G55_13	Health Care Provider Pressured to Use Services	X	
R5_G55_14	Court/Police Pressured to Use Services	X	
R5_G56_1	Pressured by Saying Would Lose Benefits	X	
R5_G56_2	Pressured by Not Taking No	X	
R5_G56_3	Pressured by Threat to Withhold Services	X	
R5_G56_4	Pressured by Threat to Take Other Support	X	
R5_G56_5	Pressured in Other Ways	X	
R5_G56_6	Threatened hospitalization or jail	X	
R5_G57	Being Pressured Was in Best Interest	X	X
R5_G58	Contacted Someone to Get Info About Services	X	X
R5_G59	Ease of Getting Info About Services	X	X
R5_G60	Services Needed But Not Recvd	X	X
R5_G61_1	Unable to Get services b/c Was Not Eligible or Request Refused	X	X
R5_G61_2	Unable to Get Services b/c Lack of Information/Did Not Know About	X	X
R5_G61_3	Unable to Get Services b/c Could Not Afford Services/Insurance Did Not Cover	X	X
R5_G61_4	Unable to Get Services b/c Did Not Try to Get Services	X	X
R5_G61_5	Unable to Get Services b/c Too Difficult or Confusing	X	X
R5_G61_6	Unable to Get Services b/c Problems With Services or Agency	X	X
R5_G61_7	Unable to Get Services for Other Reasons	X	X
R5_C_EvrUseSVR	Ever Used State VR for Services	X	X
R5_C_EvrUseWel	Ever Used State Welfare Services	X	X
R5_C_EvrUseSMenH	Ever Used State Mental Health Services	X	X
R5_C_EvrUseOStat	Ever Used Other State Services	X	X
R5_C_EvrUsePriv	Ever Used Private Business Services	X	X
R5_C_EvrUseOth	Ever Used Other Provider Type Services	X	X
R5_C_EvrUseSchool	Ever Used School Services	X	X
R5_C_EvrUseUnemply	Ever Used Employ/ Unemploy Services	X	X
R5_C_EvrUseClinic	Ever Used Clinic/Hospital/MD	X	X
R5_C_EvrUseRehab	Ever Used Rehab Center	X	X
R5_C_EvrUseOthMed	Ever used Other Medical/Mental Health Provider	X	X
R5_C_EmpProvUnkwn	Employment/Training Provider Type Unknown	X	X
R5_C_MedProvUnkwn	Medical/Mental Health Provider Type Unknown	X	X
R5_C_EvrUsedServ	Ever Used Any Service	X	X
R5_C_EvrUseEmploy	Ever Used Employment Services	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_NUMPROVEVUSED	Number Providers Ever Used	X	
R5_C_NUMPROVEVUSED_pub	Number Providers Ever Used (Public)	X	X
R5_C_NUMPROV2014	Number Providers Used in 2014	X	
R5_C_NUMPROVCONT_01_1	Number Provider Contacts per Year in 2014 (Type=SVR, first provider)	X	
R5_C_NUMPROVCONT_03_1	Number Provider Contacts per Year in 2014 (Type=Mental Health, first provider)	X	
R5_C_NUMPROVCONT_03_1_PUB	Number Provider Contacts per Year in 2014 (Type=Mental Health, first provider) (Public)	X	X
R5_C_NUMPROVCONT_04_1	Number Provider Contacts per Year in 2014 (Type=Other, first provider)	X	
R5_C_NUMPROVCONT_05_1	Number Provider Contacts per Year in 2014 (Type=Private, first provider)	X	
R5_C_NUMPROVCONT_07_1	Number Provider Contacts per Year in 2014 (Type=School, first provider)	X	
R5_C_NUMPROVCONT_10_1	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, first provider)	X	
R5_C_NUMPROVCONT_10_1_PUB	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, first provider) (Public)	X	X
R5_C_NUMPROVCONT_10_2	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, second provider)	X	
R5_C_NUMPROVCONT_10_2_PUB	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, second provider) (Public)	X	X
R5_C_NUMPROVCONT_10_3	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, third provider)	X	
R5_C_NUMPROVCONT_11_1	Number Provider Contacts per Year in 2014 (Type=Rehab, first provider)	X	
R5_C_NUMPROVCONT_12_1	Number Provider Contacts per Year in 2014 (Type=Other Medical, first provider)	X	
R5_C_NUMPROVCONT_12_1_PUB	Number Provider Contacts per Year in 2014 (Type=Other Medical, first provider) (Public)	X	X
R5_C_NUMPROV2014_pub	Number Providers Used in 2014 (Public)	X	X
R5_C_UseSVR2014	Used State VR for Services in 2014	X	X
R5_C_UseWEL2014	Used State Welfare Services in 2014	X	X
R5_C_UseSMenH2014	Used State Mental Health Services in 2014	X	X
R5_C_UseOthSt2014	Used Other State Provider Services in 2014	X	X
R5_C_UsePriv2014	Used Private Business Services in 2014	X	X
R5_C_UseOthNonSt2014	Used Other Non-State Services in 2014	X	X
R5_C_UseSchool2014	Used School in 2014	X	X
R5_C_UseUnemp2014	Used Unemployment Services in 2014	X	X
R5_C_UseClinic2014	Used Clinic/Hospital/MD in 2014	X	X
R5_C_UseRehab2014	Used Rehab Center in 2014	X	X
R5_C_UseOthMed2014	Used other Medical/Mental Health Provider in 2014	X	X
R5_C_EmpUnkwn2014	Unknown Employment/Training Provider in 2014	X	X
R5_C_MedUnkwn2014	Unknown Medical/Mental Health Provider in 2014	X	X
R5_C_ServUse2014	Used Services in 2014	X	X
R5_C_PhyTH2014	Received Physical Therapy in 2014	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_PHYTH2014_1	Recvd Physical Therapy in 2014 (Prov 1)	X	
R5_C_PHYTH2014_2	Recvd Physical Therapy in 2014 (Prov 2)	X	
R5_C_PHYTH2014_3	Recvd Physical Therapy in 2014 (Prov 3)	X	
R5_C_PHYTH2014_4	Recvd Physical Therapy in 2014 (Prov 4)	X	
R5_C_PHYTH2014_11	Recvd Physical Therapy in 2014 (Prov 11)	X	
R5_C_PHYTH2014_12	Recvd Physical Therapy in 2014 (Prov 12)	X	
R5_C_PHYTH2014_13	Recvd Physical Therapy in 2014 (Prov 13)	X	
R5_C_PHYTH2014_19	Recvd Physical Therapy in 2014 (Prov 19)	X	
R5_C_PHYTH2014_20	Recvd Physical Therapy in 2014 (Prov 20)	X	
R5_C_PHYTH2014_21	Recvd Physical Therapy in 2014 (Prov 21)	X	
R5_C_PHYTH2014_22	Recvd Physical Therapy in 2014 (Prov 22)	X	
R5_C_PHYTH2014_23	Recvd Physical Therapy in 2014 (Prov 23)	X	
R5_C_PHYTH2014_24	Recvd Physical Therapy in 2014 (Prov 24)	X	
R5_C_PHYTH2014_25	Recvd Physical Therapy in 2014 (Prov 25)	X	
R5_C_PHYTH2014_26	Recvd Physical Therapy in 2014 (Prov 26)	X	
R5_C_PHYTH2014_27	Recvd Physical Therapy in 2014 (Prov 27)	X	
R5_C_PHYTH2014_28	Recvd Physical Therapy in 2014 (Prov 28)	X	
R5_C_PHYTH2014_29	Recvd Physical Therapy in 2014 (Prov 29)	X	
R5_C_PHYTH2014_30	Recvd Physical Therapy in 2014 (Prov 30)	X	
R5_C_PHYTH2014_31	Recvd Physical Therapy in 2014 (Prov 31)	X	
R5_C_PHYTH2014_32	Recvd Physical Therapy in 2014 (Prov 32)	X	
R5_C_PHYTH2014_33	Recvd Physical Therapy in 2014 (Prov 33)	X	
R5_C_PHYTH2014_34	Recvd Physical Therapy in 2014 (Prov 34)	X	
R5_C_PHYTH2014_01_1	Recvd Physical Therapy in 2014 (Type=SVR, first provider)	X	X
R5_C_PHYTH2014_03_1	Recvd Physical Therapy in 2014 (Type=Mental Health, first provider)	X	X
R5_C_PHYTH2014_04_1	Recvd Physical Therapy in 2014 (Type=Other, first provider)	X	X
R5_C_PHYTH2014_05_1	Recvd Physical Therapy in 2014 (Type=Private, first provider)	X	X
R5_C_PHYTH2014_07_1	Recvd Physical Therapy in 2014 (Type=School, first provider)	X	X
R5_C_PHYTH2014_10_1	Recvd Physical Therapy in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_PHYTH2014_10_2	Recvd Physical Therapy in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_PHYTH2014_10_3	Recvd Physical Therapy in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_PHYTH2014_11_1	Recvd Physical Therapy in 2014 (Type=Rehab, first provider)	X	X
R5_C_PHYTH2014_12_1	Recvd Physical Therapy in 2014 (Type=Other Medical, first provider)	X	X
R5_C_OccTher2014	Received Occupational Therapy in 2014	X	X
R5_C_OCCTH2014_1	Recvd Occupational Therapy in 2014 (Prov 1)	X	
R5_C_OCCTH2014_2	Recvd Occupational Therapy in 2014 (Prov 2)	X	
R5_C_OCCTH2014_3	Recvd Occupational Therapy in 2014 (Prov 3)	X	
R5_C_OCCTH2014_4	Recvd Occupational Therapy in 2014 (Prov 4)	X	
R5_C_OCCTH2014_11	Recvd Occupational Therapy in 2014 (Prov 11)	X	
R5_C_OCCTH2014_12	Recvd Occupational Therapy in 2014 (Prov 12)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_OCCTH2014_13	Recvd Occupational Therapy in 2014 (Prov 13)	X	
R5_C_OCCTH2014_19	Recvd Occupational Therapy in 2014 (Prov 19)	X	
R5_C_OCCTH2014_20	Recvd Occupational Therapy in 2014 (Prov 20)	X	
R5_C_OCCTH2014_21	Recvd Occupational Therapy in 2014 (Prov 21)	X	
R5_C_OCCTH2014_22	Recvd Occupational Therapy in 2014 (Prov 22)	X	
R5_C_OCCTH2014_23	Recvd Occupational Therapy in 2014 (Prov 23)	X	
R5_C_OCCTH2014_24	Recvd Occupational Therapy in 2014 (Prov 24)	X	
R5_C_OCCTH2014_25	Recvd Occupational Therapy in 2014 (Prov 25)	X	
R5_C_OCCTH2014_26	Recvd Occupational Therapy in 2014 (Prov 26)	X	
R5_C_OCCTH2014_27	Recvd Occupational Therapy in 2014 (Prov 27)	X	
R5_C_OCCTH2014_28	Recvd Occupational Therapy in 2014 (Prov 28)	X	
R5_C_OCCTH2014_29	Recvd Occupational Therapy in 2014 (Prov 29)	X	
R5_C_OCCTH2014_30	Recvd Occupational Therapy in 2014 (Prov 30)	X	
R5_C_OCCTH2014_31	Recvd Occupational Therapy in 2014 (Prov 31)	X	
R5_C_OCCTH2014_32	Recvd Occupational Therapy in 2014 (Prov 32)	X	
R5_C_OCCTH2014_33	Recvd Occupational Therapy in 2014 (Prov 33)	X	
R5_C_OCCTH2014_34	Recvd Occupational Therapy in 2014 (Prov 34)	X	
R5_C_OCCTH2014_01_1	Recvd Occupational Therapy in 2014 (Type=SVR, first provider)	X	X
R5_C_OCCTH2014_03_1	Recvd Occupational Therapy in 2014 (Type=Mental Health, first provider)	X	X
R5_C_OCCTH2014_04_1	Recvd Occupational Therapy in 2014 (Type=Other, first provider)	X	X
R5_C_OCCTH2014_05_1	Recvd Occupational Therapy in 2014 (Type=Private, first provider)	X	X
R5_C_OCCTH2014_07_1	Recvd Occupational Therapy in 2014 (Type=School, first provider)	X	X
R5_C_OCCTH2014_10_1	Recvd Occupational Therapy in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_OCCTH2014_10_2	Recvd Occupational Therapy in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_OCCTH2014_10_3	Recvd Occupational Therapy in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_OCCTH2014_11_1	Recvd Occupational Therapy in 2014 (Type=Rehab, first provider)	X	X
R5_C_OCCTH2014_12_1	Recvd Occupational Therapy in 2014 (Type=Other Medical, first provider)	X	X
R5_C_SpchTher2014	Received Speech Therapy in 2014	X	X
R5_C_SPCHTH2014_1	Recvd Speech Therapy in 2014 (Prov 1)	X	
R5_C_SPCHTH2014_2	Recvd Speech Therapy in 2014 (Prov 2)	X	
R5_C_SPCHTH2014_3	Recvd Speech Therapy in 2014 (Prov 3)	X	
R5_C_SPCHTH2014_4	Recvd Speech Therapy in 2014 (Prov 4)	X	
R5_C_SPCHTH2014_7	Recvd Speech Therapy in 2014 (Prov 7)	X	
R5_C_SPCHTH2014_11	Recvd Speech Therapy in 2014 (Prov 10)	X	
R5_C_SPCHTH2014_12	Recvd Speech Therapy in 2014 (Prov 12)	X	
R5_C_SPCHTH2014_13	Recvd Speech Therapy in 2014 (Prov 13)	X	
R5_C_SPCHTH2014_19	Recvd Speech Therapy in 2014 (Prov 19)	X	
R5_C_SPCHTH2014_20	Recvd Speech Therapy in 2014 (Prov 20)	X	
R5_C_SPCHTH2014_21	Recvd Speech Therapy in 2014 (Prov 21)	X	
R5_C_SPCHTH2014_22	Recvd Speech Therapy in 2014 (Prov 22)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_SPCHTH2014_23	Recvd Speech Therapy in 2014 (Prov 23)	X	
R5_C_SPCHTH2014_24	Recvd Speech Therapy in 2014 (Prov 24)	X	
R5_C_SPCHTH2014_25	Recvd Speech Therapy in 2014 (Prov 25)	X	
R5_C_SPCHTH2014_26	Recvd Speech Therapy in 2014 (Prov 26)	X	
R5_C_SPCHTH2014_27	Recvd Speech Therapy in 2014 (Prov 27)	X	
R5_C_SPCHTH2014_28	Recvd Speech Therapy in 2014 (Prov 28)	X	
R5_C_SPCHTH2014_29	Recvd Speech Therapy in 2014 (Prov 29)	X	
R5_C_SPCHTH2014_30	Recvd Speech Therapy in 2014 (Prov 30)	X	
R5_C_SPCHTH2014_31	Recvd Speech Therapy in 2014 (Prov 31)	X	
R5_C_SPCHTH2014_32	Recvd Speech Therapy in 2014 (Prov 32)	X	
R5_C_SPCHTH2014_33	Recvd Speech Therapy in 2014 (Prov 33)	X	
R5_C_SPCHTH2014_34	Recvd Speech Therapy in 2014 (Prov 34)	X	
R5_C_SPCHTH2014_01_1	Recvd Speech Therapy in 2014 (Type=SVR, first provider)	X	X
R5_C_SPCHTH2014_03_1	Recvd Speech Therapy in 2014 (Type=Mental Health, first provider)	X	X
R5_C_SPCHTH2014_04_1	Recvd Speech Therapy in 2014 (Type=Other, first provider)	X	X
R5_C_SPCHTH2014_05_1	Recvd Speech Therapy in 2014 (Type=Private, first provider)	X	X
R5_C_SPCHTH2014_07_1	Recvd Speech Therapy in 2014 (Type=School, first provider)	X	X
R5_C_SPCHTH2014_10_1	Recvd Speech Therapy in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_SPCHTH2014_10_2	Recvd Speech Therapy in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_SPCHTH2014_10_3	Recvd Speech Therapy in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_SPCHTH2014_11_1	Recvd Speech Therapy in 2014 (Type=Rehab, first provider)	X	X
R5_C_SPCHTH2014_12_1	Recvd Speech Therapy in 2014 (Type=Other Medical, first provider)	X	X
R5_C_MedProc2014	Received Medical Procedure in 2014	X	X
R5_C_MED2014_1	Recvd Medical Procedure in 2014 (Prov 1)	X	
R5_C_MED2014_2	Recvd Medical Procedure in 2014 (Prov 2)	X	
R5_C_MED2014_3	Recvd Medical Procedure in 2014 (Prov 3)	X	
R5_C_MED2014_4	Recvd Medical Procedure in 2014 (Prov 4)	X	
R5_C_MED2014_11	Recvd Medical Procedure in 2014 (Prov 11)	X	
R5_C_MED2014_12	Recvd Medical Procedure in 2014 (Prov 12)	X	
R5_C_MED2014_13	Recvd Medical Procedure in 2014 (Prov 13)	X	
R5_C_MED2014_19	Recvd Medical Procedure in 2014 (Prov 19)	X	
R5_C_MED2014_20	Recvd Medical Procedure in 2014 (Prov 20)	X	
R5_C_MED2014_21	Recvd Medical Procedure in 2014 (Prov 21)	X	
R5_C_MED2014_22	Recvd Medical Procedure in 2014 (Prov 22)	X	
R5_C_MED2014_23	Recvd Medical Procedure in 2014 (Prov 23)	X	
R5_C_MED2014_24	Recvd Medical Procedure in 2014 (Prov 24)	X	
R5_C_MED2014_25	Recvd Medical Procedure in 2014 (Prov 25)	X	
R5_C_MED2014_26	Recvd Medical Procedure in 2014 (Prov 26)	X	
R5_C_MED2014_27	Recvd Medical Procedure in 2014 (Prov 27)	X	
R5_C_MED2014_28	Recvd Medical Procedure in 2014 (Prov 28)	X	
R5_C_MED2014_29	Recvd Medical Procedure in 2014 (Prov 29)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_MED2014_30	Recvd Medical Procedure in 2014 (Prov 30)	X	
R5_C_MED2014_31	Recvd Medical Procedure in 2014 (Prov 31)	X	
R5_C_MED2014_32	Recvd Medical Procedure in 2014 (Prov 32)	X	
R5_C_MED2014_33	Recvd Medical Procedure in 2014 (Prov 33)	X	
R5_C_MED2014_34	Recvd Medical Procedure in 2014 (Prov 34)	X	
R5_C_MED2014_01_1	Recvd Medical Procedure in 2014 (Type=SVR, first provider)	X	X
R5_C_MED2014_03_1	Recvd Medical Procedure in 2014 (Type=Mental Health, first provider)	X	X
R5_C_MED2014_04_1	Recvd Medical Procedure in 2014 (Type=Other, first provider)	X	X
R5_C_MED2014_05_1	Recvd Medical Procedure in 2014 (Type=Private, first provider)	X	X
R5_C_MED2014_07_1	Recvd Medical Procedure in 2014 (Type=School, first provider)	X	X
R5_C_MED2014_10_1	Recvd Medical Procedure in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_MED2014_10_2	Recvd Medical Procedure in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_MED2014_10_3	Recvd Medical Procedure in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_MED2014_11_1	Recvd Medical Procedure in 2014 (Type=Rehab, first provider)	X	X
R5_C_MED2014_12_1	Recvd Medical Procedure in 2014 (Type=Other Medical, first provider)	X	X
R5_C_Equip2014	Received Special Equipment in 2014	X	X
R5_C_EQUIP2014_1	Recvd Special Equipment in 2014 (Prov 1)	X	
R5_C_EQUIP2014_2	Recvd Special Equipment in 2014 (Prov 2)	X	
R5_C_EQUIP2014_3	Recvd Special Equipment in 2014 (Prov 3)	X	
R5_C_EQUIP2014_4	Recvd Special Equipment in 2014 (Prov 4)	X	
R5_C_EQUIP2014_11	Recvd Special Equipment in 2014 (Prov 11)	X	
R5_C_EQUIP2014_12	Recvd Special Equipment in 2014 (Prov 12)	X	
R5_C_EQUIP2014_13	Recvd Special Equipment in 2014 (Prov 13)	X	
R5_C_EQUIP2014_19	Recvd Special Equipment in 2014 (Prov 19)	X	
R5_C_EQUIP2014_20	Recvd Special Equipment in 2014 (Prov 20)	X	
R5_C_EQUIP2014_21	Recvd Special Equipment in 2014 (Prov 21)	X	
R5_C_EQUIP2014_22	Recvd Special Equipment in 2014 (Prov 22)	X	
R5_C_EQUIP2014_23	Recvd Special Equipment in 2014 (Prov 23)	X	
R5_C_EQUIP2014_24	Recvd Special Equipment in 2014 (Prov 24)	X	
R5_C_EQUIP2014_25	Recvd Special Equipment in 2014 (Prov 25)	X	
R5_C_EQUIP2014_26	Recvd Special Equipment in 2014 (Prov 26)	X	
R5_C_EQUIP2014_27	Recvd Special Equipment in 2014 (Prov 27)	X	
R5_C_EQUIP2014_28	Recvd Special Equipment in 2014 (Prov 28)	X	
R5_C_EQUIP2014_29	Recvd Special Equipment in 2014 (Prov 29)	X	
R5_C_EQUIP2014_30	Recvd Special Equipment in 2014 (Prov 30)	X	
R5_C_EQUIP2014_31	Recvd Special Equipment in 2014 (Prov 31)	X	
R5_C_EQUIP2014_32	Recvd Special Equipment in 2014 (Prov 32)	X	
R5_C_EQUIP2014_33	Recvd Special Equipment in 2014 (Prov 33)	X	
R5_C_EQUIP2014_34	Recvd Special Equipment in 2014 (Prov 34)	X	
R5_C_EQUIP2014_01_1	Recvd Special Equipment in 2014 (Type=SVR, first provider)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_EQUIP2014_03_1	Recvd Special Equipment in 2014 (Type=Mental Health, first provider)	X	X
R5_C_EQUIP2014_04_1	Recvd Special Equipment in 2014 (Type=Other, first provider)	X	X
R5_C_EQUIP2014_05_1	Recvd Special Equipment in 2014 (Type=Private, first provider)	X	X
R5_C_EQUIP2014_07_1	Recvd Special Equipment in 2014 (Type=School, first provider)	X	X
R5_C_EQUIP2014_10_1	Recvd Special Equipment in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_EQUIP2014_10_2	Recvd Special Equipment in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_EQUIP2014_10_3	Recvd Special Equipment in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_EQUIP2014_11_1	Recvd Special Equipment in 2014 (Type=Rehab, first provider)	X	X
R5_C_EQUIP2014_12_1	Recvd Special Equipment in 2014 (Type=Other Medical, first provider)	X	X
R5_C_Coun2014	Received Counseling in 2014	X	X
R5_C_COUN2014_1	Recvd Counseling in 2014 (Prov 1)	X	
R5_C_COUN2014_2	Recvd Counseling in 2014 (Prov 2)	X	
R5_C_COUN2014_3	Recvd Counseling in 2014 (Prov 3)	X	
R5_C_COUN2014_4	Recvd Counseling in 2014 (Prov 4)	X	
R5_C_COUN2014_11	Recvd Counseling in 2014 (Prov 11)	X	
R5_C_COUN2014_12	Recvd Counseling in 2014 (Prov 12)	X	
R5_C_COUN2014_13	Recvd Counseling in 2014 (Prov 13)	X	
R5_C_COUN2014_19	Recvd Counseling in 2014 (Prov 19)	X	
R5_C_COUN2014_20	Recvd Counseling in 2014 (Prov 20)	X	
R5_C_COUN2014_21	Recvd Counseling in 2014 (Prov 21)	X	
R5_C_COUN2014_22	Recvd Counseling in 2014 (Prov 22)	X	
R5_C_COUN2014_23	Recvd Counseling in 2014 (Prov 23)	X	
R5_C_COUN2014_24	Recvd Counseling in 2014 (Prov 24)	X	
R5_C_COUN2014_25	Recvd Counseling in 2014 (Prov 25)	X	
R5_C_COUN2014_26	Recvd Counseling in 2014 (Prov 26)	X	
R5_C_COUN2014_27	Recvd Counseling in 2014 (Prov 27)	X	
R5_C_COUN2014_28	Recvd Counseling in 2014 (Prov 28)	X	
R5_C_COUN2014_29	Recvd Counseling in 2014 (Prov 29)	X	
R5_C_COUN2014_30	Recvd Counseling in 2014 (Prov 30)	X	
R5_C_COUN2014_31	Recvd Counseling in 2014 (Prov 31)	X	
R5_C_COUN2014_32	Recvd Counseling in 2014 (Prov 32)	X	
R5_C_COUN2014_33	Recvd Counseling in 2014 (Prov 33)	X	
R5_C_COUN2014_34	Recvd Counseling in 2014 (Prov 34)	X	
R5_C_COUN2014_01_1	Recvd Counseling in 2014 (Type=SVR, first provider)	X	X
R5_C_COUN2014_03_1	Recvd Counseling in 2014 (Type=Mental Health, first provider)	X	X
R5_C_COUN2014_04_1	Recvd Counseling in 2014 (Type=Other, first provider)	X	X
R5_C_COUN2014_05_1	Recvd Counseling in 2014 (Type=Private, first provider)	X	X
R5_C_COUN2014_07_1	Recvd Counseling in 2014 (Type=School, first provider)	X	X
R5_C_COUN2014_10_1	Recvd Counseling in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_COUN2014_10_2	Recvd Counseling in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_COUN2014_10_3	Recvd Counseling in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_COUN2014_11_1	Recvd Counseling in 2014 (Type=Rehab, first provider)	X	X
R5_C_COUN2014_12_1	Recvd Counseling in 2014 (Type=Other Medical, first provider)	X	X
R5_C_GrpTh2014	Received Group Therapy in 2014	X	X
R5_C_GRPTH2014_1	Recvd Group Therapy in 2014 (Prov 1)	X	
R5_C_GRPTH2014_2	Recvd Group Therapy in 2014 (Prov 2)	X	
R5_C_GRPTH2014_3	Recvd Group Therapy in 2014 (Prov 3)	X	
R5_C_GRPTH2014_4	Recvd Group Therapy in 2014 (Prov 4)	X	
R5_C_GRPTH2014_11	Recvd Group Therapy in 2014 (Prov 11)	X	
R5_C_GRPTH2014_12	Recvd Group Therapy in 2014 (Prov 12)	X	
R5_C_GRPTH2014_13	Recvd Group Therapy in 2014 (Prov 13)	X	
R5_C_GRPTH2014_19	Recvd Group Therapy in 2014 (Prov 19)	X	
R5_C_GRPTH2014_20	Recvd Group Therapy in 2014 (Prov 20)	X	
R5_C_GRPTH2014_21	Recvd Group Therapy in 2014 (Prov 21)	X	
R5_C_GRPTH2014_22	Recvd Group Therapy in 2014 (Prov 22)	X	
R5_C_GRPTH2014_23	Recvd Group Therapy in 2014 (Prov 23)	X	
R5_C_GRPTH2014_24	Recvd Group Therapy in 2014 (Prov 24)	X	
R5_C_GRPTH2014_25	Recvd Group Therapy in 2014 (Prov 25)	X	
R5_C_GRPTH2014_26	Recvd Group Therapy in 2014 (Prov 26)	X	
R5_C_GRPTH2014_27	Recvd Group Therapy in 2014 (Prov 27)	X	
R5_C_GRPTH2014_28	Recvd Group Therapy in 2014 (Prov 28)	X	
R5_C_GRPTH2014_29	Recvd Group Therapy in 2014 (Prov 29)	X	
R5_C_GRPTH2014_30	Recvd Group Therapy in 2014 (Prov 30)	X	
R5_C_GRPTH2014_31	Recvd Group Therapy in 2014 (Prov 31)	X	
R5_C_GRPTH2014_32	Recvd Group Therapy in 2014 (Prov 32)	X	
R5_C_GRPTH2014_33	Recvd Group Therapy in 2014 (Prov 33)	X	
R5_C_GRPTH2014_34	Recvd Group Therapy in 2014 (Prov 34)	X	
R5_C_GRPTH2014_01_1	Recvd Group Therapy in 2014 (Type=SVR, first provider)	X	X
R5_C_GRPTH2014_03_1	Recvd Group Therapy in 2014 (Type=Mental Health, first provider)	X	X
R5_C_GRPTH2014_04_1	Recvd Group Therapy in 2014 (Type=Other, first provider)	X	X
R5_C_GRPTH2014_05_1	Recvd Group Therapy in 2014 (Type=Private, first provider)	X	X
R5_C_GRPTH2014_07_1	Recvd Group Therapy in 2014 (Type=School, first provider)	X	X
R5_C_GRPTH2014_10_1	Recvd Group Therapy in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_GRPTH2014_10_2	Recvd Group Therapy in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_GRPTH2014_10_3	Recvd Group Therapy in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_GRPTH2014_11_1	Recvd Group Therapy in 2014 (Type=Rehab, first provider)	X	X
R5_C_GRPTH2014_12_1	Recvd Group Therapy in 2014 (Type=Other Medical, first provider)	X	X
R5_C_WrkAs2014	Received Work Assessment in 2014	X	X
R5_C_WRKAS2014_1	Recvd Work Assessment in 2014 (Prov 1)	X	
R5_C_WRKAS2014_2	Recvd Work Assessment in 2014 (Prov 2)	X	
R5_C_WRKAS2014_3	Recvd Work Assessment in 2014 (Prov 3)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_WRKAS2014_4	Recvd Work Assessment in 2014 (Prov 4)	X	
R5_C_WRKAS2014_11	Recvd Work Assessment in 2014 (Prov 11)	X	
R5_C_WRKAS2014_12	Recvd Work Assessment in 2014 (Prov 12)	X	
R5_C_WRKAS2014_13	Recvd Work Assessment in 2014 (Prov 13)	X	
R5_C_WRKAS2014_19	Recvd Work Assessment in 2014 (Prov 19)	X	
R5_C_WRKAS2014_20	Recvd Work Assessment in 2014 (Prov 20)	X	
R5_C_WRKAS2014_21	Recvd Work Assessment in 2014 (Prov 21)	X	
R5_C_WRKAS2014_22	Recvd Work Assessment in 2014 (Prov 22)	X	
R5_C_WRKAS2014_23	Recvd Work Assessment in 2014 (Prov 23)	X	
R5_C_WRKAS2014_24	Recvd Work Assessment in 2014 (Prov 24)	X	
R5_C_WRKAS2014_25	Recvd Work Assessment in 2014 (Prov 25)	X	
R5_C_WRKAS2014_26	Recvd Work Assessment in 2014 (Prov 26)	X	
R5_C_WRKAS2014_27	Recvd Work Assessment in 2014 (Prov 27)	X	
R5_C_WRKAS2014_28	Recvd Work Assessment in 2014 (Prov 28)	X	
R5_C_WRKAS2014_29	Recvd Work Assessment in 2014 (Prov 29)	X	
R5_C_WRKAS2014_30	Recvd Work Assessment in 2014 (Prov 30)	X	
R5_C_WRKAS2014_31	Recvd Work Assessment in 2014 (Prov 31)	X	
R5_C_WRKAS2014_32	Recvd Work Assessment in 2014 (Prov 32)	X	
R5_C_WRKAS2014_33	Recvd Work Assessment in 2014 (Prov 33)	X	
R5_C_WRKAS2014_34	Recvd Work Assessment in 2014 (Prov 34)	X	
R5_C_WRKAS2014_01_1	Recvd Work Assessment in 2014 (Type=SVR, first provider)	X	X
R5_C_WRKAS2014_03_1	Recvd Work Assessment in 2014 (Type=Mental Health, first provider)	X	X
R5_C_WRKAS2014_04_1	Recvd Work Assessment in 2014 (Type=Other, first provider)	X	X
R5_C_WRKAS2014_05_1	Recvd Work Assessment in 2014 (Type=Private, first provider)	X	X
R5_C_WRKAS2014_07_1	Recvd Work Assessment in 2014 (Type=School, first provider)	X	X
R5_C_WRKAS2014_10_1	Recvd Work Assessment in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_WRKAS2014_10_2	Recvd Work Assessment in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_WRKAS2014_10_3	Recvd Work Assessment in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_WRKAS2014_11_1	Recvd Work Assessment in 2014 (Type=Rehab, first provider)	X	X
R5_C_WRKAS2014_12_1	Recvd Work Assessment in 2014 (Type=Other Medical, first provider)	X	X
R5_C_FindJob2014	Received Help Finding Job in 2014	X	X
R5_C_FNDJOB2014_01_1	Recvd Help Finding Job in 2014 (Type=SVR, first provider)	X	X
R5_C_FNDJOB2014_03_1	Recvd Help Finding Job in 2014 (Type=Mental Health, first provider)	X	X
R5_C_FNDJOB2014_04_1	Recvd Help Finding Job in 2014 (Type=Other, first provider)	X	X
R5_C_FNDJOB2014_05_1	Recvd Help Finding Job in 2014 (Type=Private, first provider)	X	X
R5_C_FNDJOB2014_07_1	Recvd Help Finding Job in 2014 (Type=School, first provider)	X	X
R5_C_FNDJOB2014_10_1	Recvd Help Finding Job in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_FNDJOB2014_10_2	Recvd Help Finding Job in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_FNDJOB2014_10_3	Recvd Help Finding Job in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_FNDJOB2014_11_1	Recvd Help Finding Job in 2014 (Type=Rehab, first provider)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_FNDJOB2014_12_1	Recvd Help Finding Job in 2014 (Type=Other Medical, first provider)	X	X
R5_C_FNDJOB2014_1	Recvd Help Finding Job in 2014 (Prov 1)	X	
R5_C_FNDJOB2014_2	Recvd Help Finding Job in 2014 (Prov 2)	X	
R5_C_FNDJOB2014_3	Recvd Help Finding Job in 2014 (Prov 3)	X	
R5_C_FNDJOB2014_4	Recvd Help Finding Job in 2014 (Prov 4)	X	
R5_C_FNDJOB2014_11	Recvd Help Finding Job in 2014 (Prov 11)	X	
R5_C_FNDJOB2014_12	Recvd Help Finding Job in 2014 (Prov 12)	X	
R5_C_FNDJOB2014_13	Recvd Help Finding Job in 2014 (Prov 13)	X	
R5_C_FNDJOB2014_19	Recvd Help Finding Job in 2014 (Prov 19)	X	
R5_C_FNDJOB2014_20	Recvd Help Finding Job in 2014 (Prov 20)	X	
R5_C_FNDJOB2014_21	Recvd Help Finding Job in 2014 (Prov 21)	X	
R5_C_FNDJOB2014_22	Recvd Help Finding Job in 2014 (Prov 22)	X	
R5_C_FNDJOB2014_23	Recvd Help Finding Job in 2014 (Prov 23)	X	
R5_C_FNDJOB2014_24	Recvd Help Finding Job in 2014 (Prov 24)	X	
R5_C_FNDJOB2014_25	Recvd Help Finding Job in 2014 (Prov 25)	X	
R5_C_FNDJOB2014_26	Recvd Help Finding Job in 2014 (Prov 26)	X	
R5_C_FNDJOB2014_27	Recvd Help Finding Job in 2014 (Prov 27)	X	
R5_C_FNDJOB2014_28	Recvd Help Finding Job in 2014 (Prov 28)	X	
R5_C_FNDJOB2014_29	Recvd Help Finding Job in 2014 (Prov 29)	X	
R5_C_FNDJOB2014_30	Recvd Help Finding Job in 2014 (Prov 30)	X	
R5_C_FNDJOB2014_31	Recvd Help Finding Job in 2014 (Prov 31)	X	
R5_C_FNDJOB2014_32	Recvd Help Finding Job in 2014 (Prov 32)	X	
R5_C_FNDJOB2014_33	Recvd Help Finding Job in 2014 (Prov 33)	X	
R5_C_FNDJOB2014_34	Recvd Help Finding Job in 2014 (Prov 34)	X	
R5_C_JobTrn2014	Received Job Training in 2014	X	X
R5_C_JOBTRN2014_1	Recvd Job Training in 2014 (Prov 1)	X	
R5_C_JOBTRN2014_2	Recvd Job Training in 2014 (Prov 2)	X	
R5_C_JOBTRN2014_3	Recvd Job Training in 2014 (Prov 3)	X	
R5_C_JOBTRN2014_4	Recvd Job Training in 2014 (Prov 4)	X	
R5_C_JOBTRN2014_11	Recvd Job Training in 2014 (Prov 11)	X	
R5_C_JOBTRN2014_12	Recvd Job Training in 2014 (Prov 12)	X	
R5_C_JOBTRN2014_13	Recvd Job Training in 2014 (Prov 13)	X	
R5_C_JOBTRN2014_19	Recvd Job Training in 2014 (Prov 19)	X	
R5_C_JOBTRN2014_20	Recvd Job Training in 2014 (Prov 20)	X	
R5_C_JOBTRN2014_21	Recvd Job Training in 2014 (Prov 21)	X	
R5_C_JOBTRN2014_22	Recvd Job Training in 2014 (Prov 22)	X	
R5_C_JOBTRN2014_23	Recvd Job Training in 2014 (Prov 23)	X	
R5_C_JOBTRN2014_24	Recvd Job Training in 2014 (Prov 24)	X	
R5_C_JOBTRN2014_25	Recvd Job Training in 2014 (Prov 25)	X	
R5_C_JOBTRN2014_26	Recvd Job Training in 2014 (Prov 26)	X	
R5_C_JOBTRN2014_27	Recvd Job Training in 2014 (Prov 27)	X	
R5_C_JOBTRN2014_28	Recvd Job Training in 2014 (Prov 28)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_JOBTRN2014_29	Recvd Job Training in 2014 (Prov 29)	X	
R5_C_JOBTRN2014_30	Recvd Job Training in 2014 (Prov 30)	X	
R5_C_JOBTRN2014_31	Recvd Job Training in 2014 (Prov 31)	X	
R5_C_JOBTRN2014_32	Recvd Job Training in 2014 (Prov 32)	X	
R5_C_JOBTRN2014_33	Recvd Job Training in 2014 (Prov 33)	X	
R5_C_JOBTRN2014_34	Recvd Job Training in 2014 (Prov 34)	X	
R5_C_JOBTRN2014_01_1	Recvd Job Training in 2014 (Type=SVR, first provider)	X	X
R5_C_JOBTRN2014_03_1	Recvd Job Training in 2014 (Type=Mental Health, first provider)	X	X
R5_C_JOBTRN2014_04_1	Recvd Job Training in 2014 (Type=Other, first provider)	X	X
R5_C_JOBTRN2014_05_1	Recvd Job Training in 2014 (Type=Private, first provider)	X	X
R5_C_JOBTRN2014_07_1	Recvd Job Training in 2014 (Type=School, first provider)	X	X
R5_C_JOBTRN2014_10_1	Recvd Job Training in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_JOBTRN2014_10_2	Recvd Job Training in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_JOBTRN2014_10_3	Recvd Job Training in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_JOBTRN2014_11_1	Recvd Job Training in 2014 (Type=Rehab, first provider)	X	X
R5_C_JOBTRN2014_12_1	Recvd Job Training in 2014 (Type=Other Medical, first provider)	X	X
R5_C_JobMod2014	Received Advice for Modifying Job in 2014	X	X
R5_C_JOBMD2014_1	Recvd Advice for Modifying Job in 2014 (Prov 1)	X	
R5_C_JOBMD2014_2	Recvd Advice for Modifying Job in 2014 (Prov 2)	X	
R5_C_JOBMD2014_3	Recvd Advice for Modifying Job in 2014 (Prov 3)	X	
R5_C_JOBMD2014_4	Recvd Advice for Modifying Job in 2014 (Prov 4)	X	
R5_C_JOBMD2014_11	Recvd Advice for Modifying Job in 2014 (Prov 11)	X	
R5_C_JOBMD2014_12	Recvd Advice for Modifying Job in 2014 (Prov 12)	X	
R5_C_JOBMD2014_13	Recvd Advice for Modifying Job in 2014 (Prov 13)	X	
R5_C_JOBMD2014_19	Recvd Advice for Modifying Job in 2014 (Prov 19)	X	
R5_C_JOBMD2014_20	Recvd Advice for Modifying Job in 2014 (Prov 20)	X	
R5_C_JOBMD2014_21	Recvd Advice for Modifying Job in 2014 (Prov 21)	X	
R5_C_JOBMD2014_22	Recvd Advice for Modifying Job in 2014 (Prov 22)	X	
R5_C_JOBMD2014_23	Recvd Advice for Modifying Job in 2014 (Prov 23)	X	
R5_C_JOBMD2014_24	Recvd Advice for Modifying Job in 2014 (Prov 24)	X	
R5_C_JOBMD2014_25	Recvd Advice for Modifying Job in 2014 (Prov 25)	X	
R5_C_JOBMD2014_26	Recvd Advice for Modifying Job in 2014 (Prov 26)	X	
R5_C_JOBMD2014_27	Recvd Advice for Modifying Job in 2014 (Prov 27)	X	
R5_C_JOBMD2014_28	Recvd Advice for Modifying Job in 2014 (Prov 28)	X	
R5_C_JOBMD2014_29	Recvd Advice for Modifying Job in 2014 (Prov 29)	X	
R5_C_JOBMD2014_30	Recvd Advice for Modifying Job in 2014 (Prov 30)	X	
R5_C_JOBMD2014_31	Recvd Advice for Modifying Job in 2014 (Prov 31)	X	
R5_C_JOBMD2014_32	Recvd Advice for Modifying Job in 2014 (Prov 32)	X	
R5_C_JOBMD2014_33	Recvd Advice for Modifying Job in 2014 (Prov 33)	X	
R5_C_JOBMD2014_34	Recvd Advice for Modifying Job in 2014 (Prov 34)	X	
R5_C_JOBMD2014_01_1	Recvd Advice for Modifying Job in 2014 (Type=SVR, first provider)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_JOBMD2014_03_1	Recvd Advice for Modifying Job in 2014 (Type=Mental Health, first provider)	X	X
R5_C_JOBMD2014_04_1	Recvd Advice for Modifying Job in 2014 (Type=Other, first provider)	X	X
R5_C_JOBMD2014_05_1	Recvd Advice for Modifying Job in 2014 (Type=Private, first provider)	X	X
R5_C_JOBMD2014_07_1	Recvd Advice for Modifying Job in 2014 (Type=School, first provider)	X	X
R5_C_JOBMD2014_10_1	Recvd Advice for Modifying Job in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_JOBMD2014_10_2	Recvd Advice for Modifying Job in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_JOBMD2014_10_3	Recvd Advice for Modifying Job in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_JOBMD2014_11_1	Recvd Advice for Modifying Job in 2014 (Type=Rehab, first provider)	X	X
R5_C_JOBMD2014_12_1	Recvd Advice for Modifying Job in 2014 (Type=Other Medical, first provider)	X	X
R5_C_JobCch2014	Received Job Coaching in 2014	X	X
R5_C_JOBCCH2014_1	Recvd Job Coaching in 2014 (Prov 1)	X	
R5_C_JOBCCH2014_2	Recvd Job Coaching in 2014 (Prov 2)	X	
R5_C_JOBCCH2014_3	Recvd Job Coaching in 2014 (Prov 3)	X	
R5_C_JOBCCH2014_4	Recvd Job Coaching in 2014 (Prov 4)	X	
R5_C_JOBCCH2014_11	Recvd Job Coaching in 2014 (Prov 11)	X	
R5_C_JOBCCH2014_12	Recvd Job Coaching in 2014 (Prov 12)	X	
R5_C_JOBCCH2014_13	Recvd Job Coaching in 2014 (Prov 13)	X	
R5_C_JOBCCH2014_19	Recvd Job Coaching in 2014 (Prov 19)	X	
R5_C_JOBCCH2014_20	Recvd Job Coaching in 2014 (Prov 20)	X	
R5_C_JOBCCH2014_21	Recvd Job Coaching in 2014 (Prov 21)	X	
R5_C_JOBCCH2014_22	Recvd Job Coaching in 2014 (Prov 22)	X	
R5_C_JOBCCH2014_23	Recvd Job Coaching in 2014 (Prov 23)	X	
R5_C_JOBCCH2014_24	Recvd Job Coaching in 2014 (Prov 24)	X	
R5_C_JOBCCH2014_25	Recvd Job Coaching in 2014 (Prov 25)	X	
R5_C_JOBCCH2014_26	Recvd Job Coaching in 2014 (Prov 26)	X	
R5_C_JOBCCH2014_27	Recvd Job Coaching in 2014 (Prov 27)	X	
R5_C_JOBCCH2014_28	Recvd Job Coaching in 2014 (Prov 28)	X	
R5_C_JOBCCH2014_29	Recvd Job Coaching in 2014 (Prov 29)	X	
R5_C_JOBCCH2014_30	Recvd Job Coaching in 2014 (Prov 30)	X	
R5_C_JOBCCH2014_31	Recvd Job Coaching in 2014 (Prov 31)	X	
R5_C_JOBCCH2014_32	Recvd Job Coaching in 2014 (Prov 32)	X	
R5_C_JOBCCH2014_33	Recvd Job Coaching in 2014 (Prov 33)	X	
R5_C_JOBCCH2014_34	Recvd Job Coaching in 2014 (Prov 34)	X	
R5_C_JOBCCH2014_01_1	Recvd Job Coaching in 2014 (Type=SVR, first provider)	X	X
R5_C_JOBCCH2014_03_1	Recvd Job Coaching in 2014 (Type=Mental Health, first provider)	X	X
R5_C_JOBCCH2014_04_1	Recvd Job Coaching in 2014 (Type=Other, first provider)	X	X
R5_C_JOBCCH2014_05_1	Recvd Job Coaching in 2014 (Type=Private, first provider)	X	X
R5_C_JOBCCH2014_07_1	Recvd Job Coaching in 2014 (Type=School, first provider)	X	X
R5_C_JOBCCH2014_10_1	Recvd Job Coaching in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_JOBCCH2014_10_2	Recvd Job Coaching in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_JOBCCH2014_10_3	Recvd Job Coaching in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_JOBCCH2014_11_1	Recvd Job Coaching in 2014 (Type=Rehab, first provider)	X	X
R5_C_JOBCCH2014_12_1	Recvd Job Coaching in 2014 (Type=Other Medical, first provider)	X	X
R5_C_OtherServ2014	Received Other Service in 2014	X	X
R5_C_OTHR2014_1	Recvd Other Service in 2014 (Prov 1)	X	
R5_C_OTHR2014_2	Recvd Other Service in 2014 (Prov 2)	X	
R5_C_OTHR2014_3	Recvd Other Service in 2014 (Prov 3)	X	
R5_C_OTHR2014_4	Recvd Other Service in 2014 (Prov 4)	X	
R5_C_OTHR2014_11	Recvd Other Service in 2014 (Prov 11)	X	
R5_C_OTHR2014_12	Recvd Other Service in 2014 (Prov 12)	X	
R5_C_OTHR2014_13	Recvd Other Service in 2014 (Prov 13)	X	
R5_C_OTHR2014_19	Recvd Other Service in 2014 (Prov 19)	X	
R5_C_OTHR2014_20	Recvd Other Service in 2014 (Prov 20)	X	
R5_C_OTHR2014_21	Recvd Other Service in 2014 (Prov 21)	X	
R5_C_OTHR2014_22	Recvd Other Service in 2014 (Prov 22)	X	
R5_C_OTHR2014_23	Recvd Other Service in 2014 (Prov 23)	X	
R5_C_OTHR2014_24	Recvd Other Service in 2014 (Prov 24)	X	
R5_C_OTHR2014_25	Recvd Other Service in 2014 (Prov 25)	X	
R5_C_OTHR2014_26	Recvd Other Service in 2014 (Prov 26)	X	
R5_C_OTHR2014_27	Recvd Other Service in 2014 (Prov 27)	X	
R5_C_OTHR2014_28	Recvd Other Service in 2014 (Prov 28)	X	
R5_C_OTHR2014_29	Recvd Other Service in 2014 (Prov 29)	X	
R5_C_OTHR2014_30	Recvd Other Service in 2014 (Prov 30)	X	
R5_C_OTHR2014_31	Recvd Other Service in 2014 (Prov 31)	X	
R5_C_OTHR2014_32	Recvd Other Service in 2014 (Prov 32)	X	
R5_C_OTHR2014_33	Recvd Other Service in 2014 (Prov 33)	X	
R5_C_OTHR2014_34	Recvd Other Service in 2014 (Prov 34)	X	
R5_C_OTHR2014_01_1	Recvd Other Service in 2014 (Type=SVR, first provider)	X	X
R5_C_OTHR2014_03_1	Recvd Other Service in 2014 (Type=Mental Health, first provider)	X	X
R5_C_OTHR2014_04_1	Recvd Other Service in 2014 (Type=Other, first provider)	X	X
R5_C_OTHR2014_05_1	Recvd Other Service in 2014 (Type=Private, first provider)	X	X
R5_C_OTHR2014_07_1	Recvd Other Service in 2014 (Type=School, first provider)	X	X
R5_C_OTHR2014_10_1	Recvd Other Service in 2014 (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_OTHR2014_10_2	Recvd Other Service in 2014 (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_OTHR2014_10_3	Recvd Other Service in 2014 (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_OTHR2014_11_1	Recvd Other Service in 2014 (Type=Rehab, first provider)	X	X
R5_C_OTHR2014_12_1	Recvd Other Service in 2014 (Type=Other Medical, first provider)	X	X
R5_C_TOTSERHR2014	Total number of hours of services used in 2014	X	
R5_C_PROVTYPE2014_1	2014 Provider 1 Type	X	
R5_C_PROVTYPE2014_2	2014 Provider 2 Type	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_PROVTYPE2014_3	2014 Provider 3 Type	X	
R5_C_PROVTYPE2014_4	2014 Provider 4 Type	X	
R5_C_PROVTYPE2014_11	2014 Provider 11 Type	X	
R5_C_PROVTYPE2014_12	2014 Provider 12 Type	X	
R5_C_PROVTYPE2014_13	2014 Provider 13 Type	X	
R5_C_PROVTYPE2014_19	2014 Provider 19 Type	X	
R5_C_PROVTYPE2014_20	2014 Provider 20 Type	X	
R5_C_PROVTYPE2014_21	2014 Provider 21 Type	X	
R5_C_PROVTYPE2014_22	2014 Provider 22 Type	X	
R5_C_PROVTYPE2014_23	2014 Provider 23 Type	X	
R5_C_PROVTYPE2014_24	2014 Provider 24 Type	X	
R5_C_PROVTYPE2014_25	2014 Provider 25 Type	X	
R5_C_PROVTYPE2014_26	2014 Provider 26 Type	X	
R5_C_PROVTYPE2014_27	2014 Provider 27 Type	X	
R5_C_PROVTYPE2014_28	2014 Provider 28 Type	X	
R5_C_PROVTYPE2014_29	2014 Provider 29 Type	X	
R5_C_PROVTYPE2014_30	2014 Provider 30 Type	X	
R5_C_PROVTYPE2014_31	2014 Provider 31 Type	X	
R5_C_PROVTYPE2014_32	2014 Provider 32 Type	X	
R5_C_PROVTYPE2014_33	2014 Provider 33 Type	X	
R5_C_PROVTYPE2014_34	2014 Provider 34 Type	X	
R5_C_PROVTYPE2014_01_1	2014 Provider Type (Type=SVR, first provider)	X	X
R5_C_PROVTYPE2014_03_1	2014 Provider Type (Type=Mental Health, first provider)	X	X
R5_C_PROVTYPE2014_04_1	2014 Provider Type (Type=Other, first provider)	X	X
R5_C_PROVTYPE2014_05_1	2014 Provider Type (Type=Private, first provider)	X	X
R5_C_PROVTYPE2014_07_1	2014 Provider Type (Type=School, first provider)	X	X
R5_C_PROVTYPE2014_10_1	2014 Provider Type (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_PROVTYPE2014_10_2	2014 Provider Type (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_PROVTYPE2014_10_3	2014 Provider Type (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_PROVTYPE2014_11_1	2014 Provider Type (Type=Rehab, first provider)	X	X
R5_C_PROVTYPE2014_12_1	2014 Provider Type (Type=Other Medical, first provider)	X	X
R5_C_DURPROVVISIT_1	Duration 2014 Provider Visit in Hours (Prov 1)	X	
R5_C_DURPROVVISIT_2	Duration 2014 Provider Visit in Hours (Prov 2)	X	
R5_C_DURPROVVISIT_3	Duration 2014 Provider Visit in Hours (Prov 3)	X	
R5_C_DURPROVVISIT_4	Duration 2014 Provider Visit in Hours (Prov 4)	X	
R5_C_DURPROVVISIT_11	Duration 2014 Provider Visit in Hours (Prov 11)	X	
R5_C_DURPROVVISIT_12	Duration 2014 Provider Visit in Hours (Prov 12)	X	
R5_C_DURPROVVISIT_13	Duration 2014 Provider Visit in Hours (Prov 13)	X	
R5_C_DURPROVVISIT_19	Duration 2014 Provider Visit in Hours (Prov 19)	X	
R5_C_DURPROVVISIT_20	Duration 2014 Provider Visit in Hours (Prov 20)	X	
R5_C_DURPROVVISIT_21	Duration 2014 Provider Visit in Hours (Prov 21)	X	
R5_C_DURPROVVISIT_22	Duration 2014 Provider Visit in Hours (Prov 22)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_DURPROVVISIT_23	Duration 2014 Provider Visit in Hours (Prov 23)	X	
R5_C_DURPROVVISIT_24	Duration 2014 Provider Visit in Hours (Prov 24)	X	
R5_C_DURPROVVISIT_25	Duration 2014 Provider Visit in Hours (Prov 25)	X	
R5_C_DURPROVVISIT_26	Duration 2014 Provider Visit in Hours (Prov 26)	X	
R5_C_DURPROVVISIT_27	Duration 2014 Provider Visit in Hours (Prov 27)	X	
R5_C_DURPROVVISIT_28	Duration 2014 Provider Visit in Hours (Prov 28)	X	
R5_C_DURPROVVISIT_29	Duration 2014 Provider Visit in Hours (Prov 29)	X	
R5_C_DURPROVVISIT_30	Duration 2014 Provider Visit in Hours (Prov 30)	X	
R5_C_DURPROVVISIT_31	Duration 2014 Provider Visit in Hours (Prov 31)	X	
R5_C_DURPROVVISIT_32	Duration 2014 Provider Visit in Hours (Prov 32)	X	
R5_C_DURPROVVISIT_33	Duration 2014 Provider Visit in Hours (Prov 33)	X	
R5_C_DURPROVVISIT_34	Duration 2014 Provider Visit in Hours (Prov 34)	X	
R5_C_DURPROVVISIT_01_1	Duration 2014 Provider Visit in Hours (Type=SVR, first provider)	X	
R5_C_DURPROVVISIT_03_1	Duration 2014 Provider Visit in Hours (Type=Mental Health, first provider)	X	
R5_C_DURPROVVISIT_03_1_PUB	Duration 2014 Provider Visit in Hours (Type=Mental Health, first provider) (Public)	X	X
R5_C_DURPROVVISIT_04_1	Duration 2014 Provider Visit in Hours (Type=Other, first provider)	X	
R5_C_DURPROVVISIT_05_1	Duration 2014 Provider Visit in Hours (Type=Private, first provider)	X	
R5_C_DURPROVVISIT_07_1	Duration 2014 Provider Visit in Hours (Type=School, first provider)	X	
R5_C_DURPROVVISIT_10_1	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, first provider)	X	
R5_C_DURPROVVISIT_10_1_PUB	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, first provider) (Public)	X	X
R5_C_DURPROVVISIT_10_2	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, second provider)	X	
R5_C_DURPROVVISIT_10_2_PUB	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, second provider) (Public)	X	X
R5_C_DURPROVVISIT_10_3	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, third provider)	X	
R5_C_DURPROVVISIT_11_1	Duration 2014 Provider Visit in Hours (Type=Rehab, first provider)	X	
R5_C_DURPROVVISIT_12_1	Duration 2014 Provider Visit in Hours (Type=Other Medical, first provider)	X	
R5_C_DURPROVVISIT_12_1_PUB	Duration 2014 Provider Visit in Hours (Type=Other Medical, first provider) (Public)	X	X
R5_C_NUMPROVCONT_1	Number Provider Contacts per Year in 2014 (Prov 1)	X	
R5_C_NUMPROVCONT_2	Number Provider Contacts per Year in 2014 (Prov 2)	X	
R5_C_NUMPROVCONT_3	Number Provider Contacts per Year in 2014 (Prov 3)	X	
R5_C_NUMPROVCONT_4	Number Provider Contacts per Year in 2014 (Prov 4)	X	
R5_C_NUMPROVCONT_11	Number Provider Contacts per Year in 2014 (Prov 11)	X	
R5_C_NUMPROVCONT_12	Number Provider Contacts per Year in 2014 (Prov 12)	X	
R5_C_NUMPROVCONT_13	Number Provider Contacts per Year in 2014 (Prov 13)	X	
R5_C_NUMPROVCONT_19	Number Provider Contacts per Year in 2014 (Prov 19)	X	
R5_C_NUMPROVCONT_20	Number Provider Contacts per Year in 2014 (Prov 20)	X	
R5_C_NUMPROVCONT_21	Number Provider Contacts per Year in 2014 (Prov 21)	X	
R5_C_NUMPROVCONT_22	Number Provider Contacts per Year in 2014 (Prov 22)	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_NUMPROVCONT_23	Number Provider Contacts per Year in 2014 (Prov 23)	X	
R5_C_NUMPROVCONT_24	Number Provider Contacts per Year in 2014 (Prov 24)	X	
R5_C_NUMPROVCONT_25	Number Provider Contacts per Year in 2014 (Prov 25)	X	
R5_C_NUMPROVCONT_26	Number Provider Contacts per Year in 2014 (Prov 26)	X	
R5_C_NUMPROVCONT_27	Number Provider Contacts per Year in 2014 (Prov 27)	X	
R5_C_NUMPROVCONT_28	Number Provider Contacts per Year in 2014 (Prov 28)	X	
R5_C_NUMPROVCONT_29	Number Provider Contacts per Year in 2014 (Prov 29)	X	
R5_C_NUMPROVCONT_30	Number Provider Contacts per Year in 2014 (Prov 30)	X	
R5_C_NUMPROVCONT_31	Number Provider Contacts per Year in 2014 (Prov 31)	X	
R5_C_NUMPROVCONT_32	Number Provider Contacts per Year in 2014 (Prov 32)	X	
R5_C_NUMPROVCONT_33	Number Provider Contacts per Year in 2014 (Prov 33)	X	
R5_C_NUMPROVCONT_34	Number Provider Contacts per Year in 2014 (Prov 34)	X	
R5_C_PROVUSE2014_1	Usefulness of Provider 1 Services	X	
R5_C_PROVUSE2014_2	Usefulness of Provider 2 Services	X	
R5_C_PROVUSE2014_3	Usefulness of Provider 3 Services	X	
R5_C_PROVUSE2014_4	Usefulness of Provider 4 Services	X	
R5_C_PROVUSE2014_11	Usefulness of Provider 11 Services	X	
R5_C_PROVUSE2014_12	Usefulness of Provider 12 Services	X	
R5_C_PROVUSE2014_13	Usefulness of Provider 13 Services	X	
R5_C_PROVUSE2014_19	Usefulness of Provider 19 Services	X	
R5_C_PROVUSE2014_20	Usefulness of Provider 20 Services	X	
R5_C_PROVUSE2014_21	Usefulness of Provider 21 Services	X	
R5_C_PROVUSE2014_22	Usefulness of Provider 22 Services	X	
R5_C_PROVUSE2014_01_1	Usefulness of Services (Type=SVR, first provider)	X	X
R5_C_PROVUSE2014_03_1	Usefulness of Services (Type=Mental Health, first provider)	X	X
R5_C_PROVUSE2014_04_1	Usefulness of Services (Type=Other, first provider)	X	X
R5_C_PROVUSE2014_05_1	Usefulness of Services (Type=Private, first provider)	X	X
R5_C_PROVUSE2014_07_1	Usefulness of Services (Type=School, first provider)	X	X
R5_C_PROVUSE2014_10_1	Usefulness of Services (Type=Clinic/Hosp/MD, first provider)	X	X
R5_C_PROVUSE2014_10_2	Usefulness of Services (Type=Clinic/Hosp/MD, second provider)	X	X
R5_C_PROVUSE2014_10_3	Usefulness of Services (Type=Clinic/Hosp/MD, third provider)	X	X
R5_C_PROVUSE2014_11_1	Usefulness of Services (Type=Rehab, first provider)	X	X
R5_C_PROVUSE2014_12_1	Usefulness of Services (Type=Other Medical, first provider)	X	X
R5_I1	Health During Past 4 Weeks	X	
R5_I1_I	Health During Past 4 Weeks, Imputed	X	X
R5_I1_IFLAG	Health During Past 4 Weeks, Imputation Flag	X	
R5_I2	How Much Limited by Phy Probs in Past 4 Wks	X	X
R5_I3	Difficulty Doing Daily Work b/c of Health	X	X
R5_I4	How Much Bodily Pain in Past 4 Weeks	X	X
R5_I5	How Much Energy Had During Past 4 Weeks	X	X
R5_I6	How Much Phy/Emot Prob Limit Social Activities	X	X
R5_I7	How Much Bothered by Emot Probs in Past 4 Weeks	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_I8	How Much Emot Probs Keep From Work	X	X
R5_I9	Rate Health in General Now	X	
R5_I9_I	Rate Health in General Now, Imputed	X	X
R5_I9_IFLAG	Rate Health in General Now, Imputation Flag	X	
R5_I10	Take Meds for Physical Conditions	X	X
R5_I11	Take Meds for Mental Conditions	X	X
R5_I12	Recvd Treatment for Health Conds at Dr. Office	X	X
R5_I17B	Difficulty Seeing with Glasses / Contact Lenses	X	
R5_I17b_I	Difficulty Seeing with Glasses / Contact Lenses, Imputed	X	X
R5_I17B_IFLAG	Difficulty Seeing with Glasses / Contact Lenses, Imputation Flag	X	
R5_I19	Use Special Equip b/c of Diff Seeing	X	
R5_I19_I	Use Special Equip b/c of Diff Seeing, Imputed	X	X
R5_I19_IFLAG	Use Special Equip b/c of Diff Seeing, Imputation Flag	X	
R5_I20_1	Use Telescopic Lenses b/c of Diff Seeing	X	
R5_I20_2	Use Adapted Comp Equip b/c of Diff Seeing	X	
R5_I20_3	Use Braille b/c of Diff Seeing	X	
R5_I20_4	Use Readers b/c of Diff Seeing	X	
R5_I20_5	Use Guide Dog b/c of Diff Seeing	X	
R5_I20_6	Use White Cane b/c of Diff Seeing	X	
R5_I20_7	Use Other Seeing Assistance	X	
R5_I20_8	Magnifying Glasses	X	
R5_I20_9	Screen Readers	X	
R5_I20_10	Test-to-voice Devices	X	
R5_I21	Difficulty Hearing	X	
R5_I21_I	Difficulty Hearing, Imputed	X	X
R5_I21_IFLAG	Difficulty Hearing, Imputation Flag	X	
R5_I22	Able to Hear Normal Conversation	X	
R5_I22_I	Able to Hear Normal Conversation, Imputed	X	X
R5_I22_IFLAG	Able to Hear Normal Conversation, Imputation Flag	X	
R5_I23	Use Special Devices b/c of Diff Hearing	X	
R5_I23_I	Use Special Devices b/c of Diff Hearing, Imputed	X	X
R5_I23_IFLAG	Use Special Devices b/c of Diff Hearing, Imputation Flag	X	
R5_I24_1	Use Hearing Aide b/c of Diff Hearing	X	
R5_I24_2	Use Phone Amplifier b/c of Diff Hearing	X	
R5_I24_3	Use TDD b/c of Diff Hearing	X	
R5_I24_4	Use TYY b/c of Diff Hearing	X	
R5_I24_5	Use Closed Caption b/c of Diff Hearing	X	
R5_I24_6	Use Assistive Listening Device	X	
R5_I24_7	Use Interpreter	X	
R5_I24_8	Use other Hearing Assistance	X	
R5_I24_9	Use Instant Messaging	X	
R5_I24_10	Use Skype/Video Messaging	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_I25	Difficulty Having Speech Understood	X	
R5_I25_I	Difficulty Having Speech Understood, Imputed	X	X
R5_I25_IFLAG	Difficulty Having Speech Understood, Imputation Flag	X	
R5_I26	Able to Have Speech Understood At All	X	
R5_I26_I	Able to Have Speech Understood At All, Imputed	X	X
R5_I26_IFLAG	Able to Have Speech Understood At All, Imputation Flag	X	
R5_I27	Use Devices b/c of Difficulty Speaking	X	
R5_I27_I	Use Devices b/c of Difficulty Speaking, Imputed	X	X
R5_I27_IFLAG	Use Devices b/c of Difficulty Speaking, Imputation Flag	X	
R5_I28_1	Use Voice Synthesizer b/c of Diff Speaking	X	
R5_I28_2	Use Voice Amplifier b/c of Diff Speaking	X	
R5_I28_3	Use Sign Lang Interp b/c of Diff Speaking	X	
R5_I28_4	Use Other Speech Assistance	X	
R5_I29	Diff Walking Without Assistance	X	
R5_I29_I	Diff Walking Without Assistance, Imputed	X	X
R5_I29_IFLAG	Diff Walking Without Assistance, Imputation Flag	X	
R5_I30	Able to Walk Quarter Mile At All	X	
R5_I30_I	Able to Walk Quarter Mile At All, Imputed	X	X
R5_I30_IFLAG	Able to Walk Quarter Mile At All, Imputation Flag	X	
R5_I31	Use Special Equip b/c of Diff Walking	X	
R5_I31_I	Use Special Equip b/c of Diff Walking, Imputed	X	X
R5_I31_IFLAG	Use Special Equip b/c of Diff Walking, Imputation Flag	X	
R5_I32_1	Use Braces/Crutches b/c of Diff Walking	X	X
R5_I32_2	Use Wheelchair b/c of Diff Walking	X	X
R5_I32_3	Use Prosthetic Device b/c of Diff Walking	X	
R5_I32_4	Use Special Chair b/c of Diff Walking	X	
R5_I32_5	Use Pers Care Attendant b/c of Diff Walking	X	
R5_I32_6	Use Vehicle Hand Control b/c of Diff Walking	X	
R5_I32_7	Use Lift b/c of Diff Walking	X	
R5_I32_8	Use Other Mobility Assistance	X	
R5_I32_9	Use Special Shoes/Inserts b/c of Difficulty Walking	X	
R5_I32_10	Use Breathing Devices b/c of Difficulty Walking	X	
R5_I34	Able to Climb 10 Steps At All	X	
R5_I34_I	Able to Climb 10 Steps At All, Imputed	X	X
R5_I34_IFLAG	Able to Climb 10 Steps At All, Imputation Flag	X	
R5_I35	Difficulty Lifting and Carrying 10 lbs	X	
R5_I35_I	Difficulty Lifting and Carrying 10 lbs, Imputed	X	X
R5_I35_IFLAG	Difficulty Lifting and Carrying 10 lbs, Imputation Flag	X	
R5_I36	Able to Lift or Carry 10 lbs At All	X	
R5_I36_I	Able to Lift or Carry 10 lbs At All, Imputed	X	X
R5_I36_IFLAG	Able to Lift or Carry 10 lbs At All, Imputation Flag	X	
R5_I37	Difficulty Using Hands or Fingers	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_I37_I	Difficulty Using Hands or Fingers, Imputed	X	X
R5_I37_IFLAG	Difficulty Using Hands or Fingers, Imputation Flag	X	
R5_I38	Able to Use Hands or Fingers At All	X	
R5_I38_I	Able to Use Hands or Fingers At All, Imputed	X	X
R5_I38_IFLAG	Able to Use Hands or Fingers At All, Imputation Flag	X	
R5_I39	Difficulty Reaching Over Head	X	
R5_I39_I	Difficulty Reaching Over Head, Imputed	X	X
R5_I39_IFLAG	Difficulty Reaching Over Head, Imputation Flag	X	
R5_I40	Able to Reach Over Head At All	X	
R5_I40_I	Able to Reach Over Head At All, Imputed	X	X
R5_I40_IFLAG	Able to Reach Over Head At All, Imputation Flag	X	
R5_I41	Difficulty Standing	X	
R5_I41_I	Difficulty Standing, Imputed	X	X
R5_I41_IFLAG	Difficulty Standing, Imputation Flag	X	
R5_I42	Able to Stand At All	X	
R5_I42_I	Able to Stand At All, Imputed	X	X
R5_I42_IFLAG	Able to Stand At All, Imputation Flag	X	
R5_I43	Difficulty Stooping	X	
R5_I43_I	Difficulty Stooping, Imputed	X	X
R5_I43_IFLAG	Difficulty Stooping, Imputation Flag	X	
R5_I44	Able to Stoop At All	X	
R5_I44_I	Able to Stoop At All, Imputed	X	X
R5_I44_IFLAG	Able to Stoop At All, Imputation Flag	X	
R5_I45	Difficulty Getting Around Inside Home	X	
R5_I45_i	Difficulty Getting Around Inside Home, Imputed	X	X
R5_I45_IFLAG	Difficulty Getting Around Inside Home, Imputation Flag	X	
R5_I46	Need Help To Get Around Inside Home	X	
R5_i46_i	Need Help To Get Around Inside Home, Imputed	X	X
R5_I46_IFLAG	Need Help To Get Around Inside Home, Imputation Flag	X	
R5_I47	Difficulty Getting Around Outside Home	X	
R5_I47_i	Difficulty Getting Around Outside Home, Imputed	X	X
R5_I47_IFLAG	Difficulty Getting Around Outside Home, Imputation Flag	X	
R5_I48	Need Help To Get Around Outside Home	X	
R5_i48_i	Need Help To Get Around Outside Home, Imputed	X	X
R5_I48_IFLAG	Need Help To Get Around Outside Home, Imputation Flag	X	
R5_I49	Difficulty Getting Into/Out of Bed	X	
R5_I49_i	Difficulty Getting Into/Out of Bed, Imputed	X	X
R5_I49_IFLAG	Difficulty Getting Into/Out of Bed, Imputation Flag	X	
R5_I50	Need Help Getting Into/Out of Bed	X	
R5_i50_i	Need Help Getting Into/Out of Bed, Imputed	X	X
R5_I50_IFLAG	Need Help Getting Into/Out of Bed, Imputation Flag	X	
R5_I51	Difficulty Bathing or Dressing	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_I51_i	Difficulty Bathing or Dressing, Imputed	X	X
R5_I51_IFLAG	Difficulty Bathing or Dressing, Imputation Flag	X	
R5_I52	Need Help To Bathe or Dress	X	
R5_i52_i	Need Help To Bathe or Dress, Imputed	X	X
R5_I52_IFLAG	Need Help To Bathe or Dress, Imputation Flag	X	
R5_I53	Difficulty Shopping	X	
R5_I53_i	Difficulty Shopping, Imputed	X	X
R5_I53_IFLAG	Difficulty Shopping, Imputation Flag	X	
R5_I54	Need Help To Shop	X	
R5_i54_i	Need Help to Shop, Imputed	X	X
R5_I54_IFLAG	Need Help to Shop, Imputation Flag	X	
R5_I55	Difficulty Preparing Own Meals	X	
R5_I55_i	Difficulty Preparing Own Meals, Imputed	X	X
R5_I55_IFLAG	Difficulty Preparing Own Meals, Imputation Flag	X	
R5_I56	Need Help To Prepare Meals	X	
R5_i56_i	Need Help to Prepare Meals, Imputed	X	X
R5_I56_IFLAG	Need Help to Prepare Meals, Imputation Flag	X	
R5_I57	Difficulty Eating	X	
R5_I57_i	Difficulty Eating, Imputed	X	X
R5_I57_IFLAG	Difficulty Eating, Imputation Flag	X	
R5_I58	Need Help To Eat	X	
R5_i58_i	Need Help To Eat, Imputed	X	X
R5_I58_IFLAG	Need Help To Eat, Imputation Flag	X	
R5_I59	Trouble Concentrating	X	
R5_I59_I	Trouble Concentrating, Imputed	X	X
R5_I59_IFLAG	Trouble Concentrating, Imputation Flag	X	
R5_I60	Trouble Coping with Stress	X	
R5_I60_I	Trouble Coping with Stress, Imputed	X	X
R5_I60_IFLAG	Trouble Coping with Stress, Imputation Flag	X	
R5_I61	Trouble getting Along With People	X	
R5_I61_I	Trouble getting Along With People, Imputed	X	X
R5_I61_IFLAG	Trouble getting Along With People, Imputation Flag	X	
R5_I62	Felt Need to Cut Down on Drinking	X	
R5_I63	Ever Annoyed by People Criticizing Drinking	X	
R5_I64	Ever Felt Bad or Guilty About Drinking	X	
R5_I65	Ever Had Drink in Morning	X	
R5_I66	Doctor Advised to Stop Using Alcohol	X	
R5_I67	Recvd Treatment for Alcohol	X	
R5_I72	Ever Used Drugs in Larger Amts than Prescribed	X	
R5_I72_I	Ever Used Drugs in Larger Amts than Prescribed, Imputed	X	
R5_I72_IFLAG	Ever Used Drugs in Larger Amts than Prescribed, Imputation Flag	X	
R5_I73	Needed Larger Amts To Get Effect	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_I74	Have Emot/Phy Probs From Drugs	X	
R5_I75	Doctor Advised to Stop Using Non Prescrip Drugs	X	
R5_I76	Rec'd Treatment for Use of Non Prescrip Drugs	X	
R5_C_EQUIPFUNCLIM	Uses Equip/Device for Functional/Sensory Limitation	X	
R5_C_EquipFuncLim_I	Uses Equip/Device for Functional/Sensory Limitation, Imputed	X	X
R5_C_EQUIPFUNCLIM_IFLAG	Uses Equip/Device for Functional/Sensory Limitation, Imputation Flag	X	
R5_C_NUMSENLIM	Number Sensory Limitations	X	
R5_C_NUMSENLIM_I	Number Sensory Limitations, Imputed	X	
R5_C_NUMSENLIM_IFLAG	Number Sensory Limitations, Imputation Flag	X	
R5_C_NUMSEVSENLIM	Number Severe Sensory Limitations	X	
R5_C_NUMSEVSENLIM_I	Number Severe Sensory Limitations, Imputed	X	
R5_C_NUMSEVSENLIM_IFLAG	Number Severe Sensory Limitations, Imputation Flag	X	
R5_C_NUMPHYLIM	Number Physical Functional Limitations	X	
R5_C_NUMPHYLIM_I	Number Physical Functional Limitations, Imputed	X	
R5_C_NUMPHYLIM_IFLAG	Number Physical Functional Limitations, Imputation Flag	X	
R5_C_NUMSEVPHYLIM	Number Severe Physical Functional Limitations	X	
R5_C_NUMSEVPHYLIM_I	Number Severe Physical Functional Limitations, Imputed	X	
R5_C_NUMSEVPHYLIM_IFLAG	Number Severe Physical Functional Limitations, Imputation Flag	X	
R5_C_NUMEMOTLIM	Number Emotional/Social Limitations	X	
R5_C_NUMEMOTLIM_I	Number Emotional/Social Limitations, Imputed	X	
R5_C_NUMEMOTLIM_IFLAG	Number Emotional/Social Limitations, Imputation Flag	X	
R5_C_NUMADLS	Number ADLs	X	
R5_C_NUMADLS_I	Number ADLs, Imputed	X	
R5_C_NUMADLS_IFLAG	Number ADLs, Imputation Flag	X	
R5_C_NUMADLASSIST	Number ADLs Requiring Assistance	X	
R5_C_NUMADLASSIST_I	Number ADLs Requiring Assistance, Imputed	X	
R5_C_NUMADLASSIST_IFLAG	Number ADLs Requiring Assistance, Imputation Flag	X	
R5_C_NUMIADLS	Number of IADL difficulties	X	
R5_C_NUMIADLS_I	Number of IADL difficulties, Imputed	X	
R5_C_NUMIADLS_IFLAG	Number of IADL difficulties, Imputation Flag	X	
R5_C_NUMIADLASSIST	Number IADLs Requiring Assistance	X	
R5_C_NUMIADLASSIST_I	Number IADLs Requiring Assistance, Imputed	X	
R5_C_NUMIADLASSIST_IFLAG	Number IADLs Requiring Assistance, Imputation Flag	X	
R5_C_SF8BP	SF8 Bodily Pain	X	
R5_C_SF8GH	SF8 General Health	X	
R5_C_SF8MH	SF8 Mental Health	X	
R5_C_SF8PF	SF8 Physical Functioning	X	
R5_C_SF8RE	SF8 Role Emotional	X	
R5_C_SF8RP	SF8 Role Physical	X	
R5_C_SF8SF	SF8 Social Functioning	X	
R5_C_SF8VT	SF8 Vitality	X	
R5_C_PCSBP	PCS-8 Bodily Pain Weight	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_PCSGH	PCS-8 General Health Weight	X	
R5_C_PCSMH	PCS-8 Mental Health Weight	X	
R5_C_PCSPF	PCS-8 Physical Functioning Weight	X	
R5_C_PCSRE	PCS-8 Role Emotional Weight	X	
R5_C_PCSRP	PCS-8 Role Physical Weight	X	
R5_C_PCSSF	PCS-8 Social Functioning Weight	X	
R5_C_PCSVT	PCS-8 Vitality Weight	X	
R5_C_MCSBP	MCS-8 Bodily Pain Weight	X	
R5_C_MCSGH	MCS-8 General Health Weight	X	
R5_C_MCSMH	MCS-8 Mental Health Weight	X	
R5_C_MCSPF	MCS-8 Physical Functioning Weight	X	
R5_C_MCSRE	MCS-8 Role Emotional Weight	X	
R5_C_MCSRP	MCS-8 Role Physical Weight	X	
R5_C_MCSSF	MCS-8 Social Functioning Weight	X	
R5_C_MCSVT	MCS-8 Vitality Weight	X	
R5_C_PCS8TOT	SF8 Physical Summary Score	X	
R5_C_PCS8TOT_I	SF8 Physical Summary Score, Imputed	X	X
R5_C_PCS8TOT_IFLAG	SF8 Physical Summary Score, Imputation Flag	X	
R5_C_MCS8TOT	SF8 Mental Summary Score	X	
R5_C_MCS8TOT_I	SF8 Mental Summary Score, Imputed	X	X
R5_C_MCS8TOT_IFLAG	SF8 Mental Summary Score, Imputation Flag	X	
R5_C_CAGEALCOHOL	CAGE Alcohol Score	X	
R5_CageScore_indicator_i	CAGE Alcohol Score, Imputed	X	X
R5_CAGESCORE_INDICATOR_IFLAG	CAGE Alcohol Score, Imputation Flag	X	
R5_C_DRUGDEP	Drug Dependence	X	
R5_C_DRUGDEP_I	Drug Dependence, Imputed	X	
R5_C_DRUGDEP_IFLAG	Drug Dependence, Imputation Flag	X	
R5_J1	Currently Covered by Medicare	X	
R5_J2	Currently Covered by Medicaid	X	
R5_J4	Currently Covered by Military Health Care	X	
R5_J5	Currently Covered by Private Health Insurance	X	
R5_J6	Source of Private Health Insurance	X	
R5_J8	No Current Health Insurance	X	X
R5_J9_1	Currently Have Medicaid	X	
R5_J9_2	Currently Have Medicare	X	
R5_J9_3	Currently Have Champus	X	
R5_J9_4	Currently Have Indian Health Service	X	
R5_J9_5	Currently Have Medi-Gap	X	
R5_J9_6	Currently Have State Program Health Insur	X	
R5_J9_7	Currently Have Private Insur Thru Employer	X	
R5_J9_8	Currently Have Private Insur Thru Spouse/Partner/Parent	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_J9_9	Currently Have Insurance Paid by SP/Family	X	
R5_J9_10	Currently Have Other Health Coverage	X	
R5_J10	Covered by a Health Insurance in 2014	X	X
R5_J11_1	Had Medicaid in 2014	X	X
R5_J11_2	Had Medicare in 2014	X	X
R5_J11_3	Had Champus in 2014	X	
R5_J11_4	Had Indian Health Service in 2014	X	
R5_J11_5	Had Medi-Gap in 2014	X	
R5_J11_6	Had State Program Health Insur in 2014	X	
R5_J11_7	Had Private Insur Thru Employer in 2014	X	X
R5_J11_8	Had Private Insur Thru Spouse/Partner/Parent in 2014	X	X
R5_J11_9	Had Insurance Paid by SP/Family in 2014	X	X
R5_J11_10	Had Other Health Coverage in 2014	X	
R5_J11_10_PUB	Had other health coverage in 2014 (Public)	X	X
R5_J11_11	Private Insurance, Not specified who through	X	
R5_C_CurMedicare	Currently Covered by Medicare	X	X
R5_C_CurMedicaid	Currently Covered by Medicaid	X	X
R5_C_CurMilInsur	Currently Covered by Military Insurance	X	X
R5_C_CURINDINSUR	Currently Covered by Indian Health	X	
R5_C_CURMEDIGAP	Currently Covered by Medigap	X	
R5_C_CURSTASSIST	Currently Covered by State Assistance	X	
R5_C_CurPrivEmp	Currently Covered by Priv Insurance Thru Employer	X	X
R5_C_CurPrivSp	Currently Covered by Priv Insurance thru Spouse	X	X
R5_C_CurPrivSelf	Currently Covered by Priv Insurance Thru Self	X	X
R5_C_CurOtherInsur	Currently Covered by Other Insurance	X	X
R5_C_CurNoInsur	Currently No Insurance	X	X
R5_IncSource1_PUB	Recvd Inc from Priv Dis, Work Comp, or Unemploy Last Month (Public)	X	X
R5_IncSource2_PUB	Recvd Inc from Vet Ben or Public Assis Last Month (Public)	X	X
R5_IncSource3_PUB	Recvd Inc from Priv Pension Last Month (Public)	X	X
R5_IncSource4_PUB	Recvd Inc from Other on Reg or Non-Reg Basis Last Month (Public)	X	X
R5_IncSource5_PUB	Recvd Inc from Food Stamps Last Month (Public)	X	X
R5_IncSource6_PUB	Recvd Housing, Energy, Food, or Other Gov Assis Last Month (Public)	X	X
R5_IncSource7_PUB	Recvd Inc From Social Security Last Month (Public)	X	X
R5_K2A	Worked Last Month	X	
R5_K3	Earnings Last Month Before Taxes	X	
R5_K3A	Earnings Last Month After Taxes	X	
R5_K4	Recvd Inc From Social Security Last Month	X	
R5_K6_A	Recvd Inc From Private Dis Insur Last Month	X	
R5_K6_B	Recvd Inc From Worker's Comp Last Month	X	
R5_K6_C	Recvd Inc From Veteran's Benefits Last Month	X	
R5_K6_D	Recvd Inc From Public Assistance Last Month	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_K6_E	Recvd Inc From Unemploy benefits Last Month	X	
R5_K6_F	Recvd Inc From Private Pensions Last Month	X	
R5_K6_G	Recvd Other Inc on Reg Basis Last Month	X	
R5_K6_H	Recvd Inc Not on Reg Basis Last Month	X	
R5_K7_A	Amount Recvd From Priv Disab Insur	X	
R5_K7_B	Amount Recvd From Worker's Comp	X	
R5_K7_C	Amount Recvd From Vets Benefits	X	
R5_K7_D	Amount Recvd From Public Assist	X	
R5_K7_E	Amount Recvd From Unemploy Benefits	X	
R5_K7_F	Amount Recvd From Priv Pension	X	
R5_K7_G	Amount of Other Inc Recvd on Reg Basis	X	
R5_K7_H	Amount of Other Inc Recvd Not on Reg Basis	X	
R5_K8_A	Inc From Priv Dis Insur More/Less Than $300	X	
R5_K8_B	Inc From Worker's Comp More/Less Than $300	X	
R5_K8_C	Inc From Vets Benefits More/Less Than $300	X	
R5_K8_D	Inc From Public Assist More/Less Than $300	X	
R5_K8_E	Inc From Unemploy Benefit More/Less Than $300	X	
R5_K8_F	Inc From Priv Pension More/Less Than $300	X	
R5_K8_G	Other Inc on Reg Basis More/Less Than $300	X	
R5_K8_H	Other Inc Not on Reg Basis More/Less Than $300	X	
R5_K9_A	Inc From Priv Disab Insur More/Less Than $500	X	
R5_K9_B	Inc From Worker's Comp More/Less Than $500	X	
R5_K9_C	Inc From Vets Benefits More/ Less Than $500	X	
R5_K9_D	Inc From Public Assist More/Less Than $500	X	
R5_K9_E	Inc From Unemploy Benefit More/Less Than $500	X	
R5_K9_F	Inc From Priv Pension More/Less Than $500	X	
R5_K9_G	Other Inc on Reg Basis More/ Less Than $500	X	
R5_K9_H	Other Inc Not on Reg Basis More/Less Than $500	X	
R5_K10_A	Inc From Priv Disab Insur More/Less than $150	X	
R5_K10_B	Inc From Worker's Comp More/Less than $150	X	
R5_K10_C	Inc From Vets Benefits More/Less than $150	X	
R5_K10_D	Inc From Public Assist More/Less than $150	X	
R5_K10_E	Inc From Unemploy Benefit More/Less than $150	X	
R5_K10_F	Inc From Priv Pension More/Less than $150	X	
R5_K10_G	Other Inc on Reg Basis More/Less than $150	X	
R5_K10_H	Other Inc Not on Reg Basis More/Less than $150	X	
R5_K11	Received Foodstamps Last Month	X	
R5_K12	Dollar Value of Foodstamps	X	
R5_K13	Recvd Assist From Other Gov't Prog Last Month	X	
R5_K14_1	Recvd Housing Assistance From Government	X	
R5_K14_2	Recvd Energy Assistance From Government	X	
R5_K14_3	Recvd Food Assistance From Government	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_K14_4	Recvd Other Assistance From Government	X	
R5_K15	Amount Recvd From Other Gov't Assistance	X	
R5_C_LSTMNTHPAY	Last Month Pay (pre-tax)	X	
R5_C_LSTMNTHPAY_PUB	Last Month Pay, Pre-Tax (Public)	X	X
R5_C_AMTPRIVDIS	Amount Recvd from Priv Dis Last Month (logical zero)	X	
R5_C_AMTPRIVDIS_I	Amount Recvd from Priv Dis Last Month, Imputed	X	
R5_C_AMTPRIVDIS_IFLAG	Amount Recvd from Priv Dis Last Month, Imputation	X	
R5_C_AMTWORKCOMP	Amount Recvd from Workers Comp Last Month (logical zero)	X	
R5_C_AMTWORKCOMP_I	Amount Recvd from Workers Comp Last Month, Imputed	X	
R5_C_AMTWORKCOMP_IFLAG	Amount Recvd from Workers Comp Last Month, Imputation Flag	X	
R5_C_AMTVETBEN	Amount Recvd from Vet Ben Last Month (logical zero)	X	
R5_C_AMTVETBEN_I	Amount Recvd from Vet Ben Last Month, Imputed	X	
R5_C_AMTVETBEN_IFLAG	Amount Recvd from Vet Ben Last Month, Imputation Flag	X	
R5_C_AMTPUBASSIS	Amount Recvd from Pub Assist Last Month (logical zero)	X	
R5_C_AMTPUBASSIS_I	Amount Recvd from Pub Assist Last Month, Imputed	X	
R5_C_AMTPUBASSIS_IFLAG	Amount Recvd from Pub Assist Last Month, Imputation Flag	X	
R5_C_AMTUNEMPLY	Amount Recvd from Unemp Last Month (logical zero)	X	
R5_C_AMTUNEMPLY_I	Amount Recvd from Unemp Last Month, Imputed	X	
R5_C_AMTUNEMPLY_IFLAG	Amount Recvd from Unemp Last Month, Imputation Flag	X	
R5_C_AMTPRIVPEN	Amount Recvd from Private Pension Last Month (logical zero)	X	
R5_C_AMTPRIVPEN_I	Amount Recvd from Private Pension Last Month, Imputed	X	
R5_C_AMTPRIVPEN_IFLAG	Amount Recvd from Private Pension Last Month, Imputation Flag	X	
R5_C_AMTOTHREG	Total Income from Reg Sources Last Month (logical zero)	X	
R5_C_AMTOTHNONREG	Amount Recvd from Non-Reg Sources Last Month	X	
R5_C_AMTFOODSTAMP	Amount Recvd from Food Stamps Last Month (logical zero)	X	
R5_L1_I	Ethnic Background, Imputed	X	X
R5_C_AMTOTHGOV	Amount Recvd from Other Gov Program Last Month (logical zero)	X	
R5_C_TOTNONCASHBEN	Total Non-Cash Benefits Recvd	X	
R5_C_TotNonCashBen_PUB	Total Non-Cash Benefits Recvd (Public)	X	X
R5_L1	Ethnic Background	X	
R5_L1_IFLAG	Ethnic Background, Imputation Flag	X	
R5_L2_1	Alaska Native or American Indian	X	
R5_L2_2	Asian	X	
R5_L2_3	Black or African American	X	
R5_L2_4	Native Hawaiian or Other Pacific Islander	X	
R5_L2_5	White	X	
R5_L3	Highest Year/Grade Finished in School	X	
R5_L3_I	Highest Year/Grade Finished in School, Imputed	X	
R5_L3_i_PUB	Highest Year/Grade Finished in School (Public)	X	X
R5_L3_IFLAG	Highest Year/Grade Finished in School, Imputation Flag	X	
R5_L4	Highest Year/Grade Father Finished in School	X	
R5_L4_PUB	Highest Year/Grade Finished in School, Father (Public)	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_L5	Highest Year/Grade Mother Finished in School	X	
R5_L5_PUB	Highest Year/Grade Finished in School, Mother (Public)	X	X
R5_L6FT	Height: Feet	X	
R5_L6IN	Height: Inches	X	
R5_L7	Weight	X	
R5_L8	Marital Status	X	
R5_L8_I	Marital Status, Imputed	X	
R5_L8_I_PUB	Marital Status (Public)	X	X
R5_L8_IFLAG	Marital Status, Imputation Flag	X	
R5_L9	Live With Spouse	X	
R5_L10	Live With Partner	X	
R5_L11	Living Situation	X	
R5_L11_I	Living Situation, Imputed	X	
R5_L11_I_PUB	Living Situation (Public)	X	X
R5_L15	Live in Place for People With Disabilities	X	X
R5_L11_IFLAG	Living Situation, Imputation Flag	X	
R5_L12	Type of Place Live	X	
R5_L12_PUB	Type of Place Live (Public)	X	X
R5_L16	Number Adults 18 and Older in Household	X	
R5_L17	Number of Children Under 18 in Household	X	
R5_L19	Number Own Children Under 18 Living Inside Household	X	
R5_L20	Own Children Under 19 Living Outside Household	X	
R5_L21	Number Own Children Under 18 Not Living in Household	X	
R5_L22	Children Living in Household Under Age Six	X	
R5_L23AAMT	Total 2014 Household income before taxes	X	
R5_L23AHOP	How Often Paid in 2014	X	
R5_L23B	How Many Days/Weeks/Months Rec'd Income in 2014	X	
R5_L24	Household income in 2014	X	
R5_c_cohab_i	Cohabitation Status, Imputed	X	X
R5_C_COHAB	Cohabitation Status	X	
R5_C_COHAB_IFLAG	Cohabitation Status, Imputation flag	X	
R5_C_RACE_I	Race, Imputed	X	
R5_C_race_I_PUB	Race, Imputed (Public)	X	X
R5_C_RACE_IFLAG	Race, Imputation Flag	X	
R5_C_BMI	Body Mass Index	X	
R5_C_BMI_CAT	Body Mass Index Categories, Imputed	X	
R5_c_bmi_cat_i	Body Mass Index Categories, Imputation Flag	X	X
R5_C_BMI_CAT_IFLAG	Body Mass Index Categories, Imputation Flag	X	
R5_C_HHSIZE	Household Size	X	
R5_C_HHSize_PUB	Household Size (Public)	X	X
R5_C_HHSIZE_I	Household Size, Imputed	X	
R5_C_HHSIZE_IFLAG	Household Size, Imputation Flag	X	

Variable Name	Variable Label	Restricted Access	Public Use
R5_C_NUMCHILDHH	Number Children in Household	X	
R5_C_NumChildHH_PUB	Number of Children in Household (Public)	X	X
R5_C_NUMCHILDHH_I	Number Children in Household, Imputed	X	
R5_C_NUMCHILDHH_IFLAG	Number Children in Household, Imputation Flag	X	
R5_C_NumAdultHH_PUB	Number of Adults in Household (Public)	X	X
R5_C_NumNonOwnChildHH_PUB	Number of Non-Own Children in Household (Public)	X	X
R5_C_NumOwnChild_PUB	Number of Own Children (Public)	X	X
R5_C_NumOwnChildHH_PUB	Number of Own Children in Household (Public)	X	X
R5_C_NumOwnChildOHH_PUB	Number of Own Children Outside of Household (Public)	X	X
R5_C_NUMCHILDOHH	Number Children Outside household	X	
R5_C_NUMCHILDREN	Number Total Children	X	
R5_C_NUMCHILDHH_POV	Number of Children for Poverty Level	X	
R5_C_FEDPOVERTYLEVEL	2014 Federal Poverty Level	X	
R5_C_FEDPOVERTYLEVEL_IFLAG	2014 Federal Poverty Level, Imputation Flag	X	
R5_C_FEDPOVERTYLEVEL_CAT1	Federal Poverty Level Categories, Imputed	X	X
R5_C_HHINC2014	2014 Household Income	X	
R5_C_HHINC2014_PUB	2014 Household Income (Public)	X	X
R5_M2A_RLSHP	How Proxy Related to SP	X	
R5_M10A	Level of Survey Satisfaction	X	
R5_M11	Respondent or Proxy Interviewed	X	
R5_M11A	Method for Conducting Interview	X	
R5_M12	Respondent Assisted During Interview	X	
R5_M13	How Assistant/Proxy Related to SP	X	
R5_M14	Why Assist/Proxy Needed	X	
R5_M15	Respondent Intellectually Capable of Responding	X	
R5_M16	Respondent's Answers Accurate	X	
R5_M17	Respondent Understood Questions	X	
R5_M18	Interview tiring For Respondent	X	
R5_M19	Respondent Had Diff Hearing	X	
R5_M20	Respondents Hearing Diff Affected Interview	X	
R5_N_BENSTATATINT2	Beneficiary status at Interview, if missing then at samp info used	X	X
R5_N_BFW_RECENT	Benefits forgone for work	X	
R5_N_BIC	Beneficiary identification code	X	
R5_N_DAC	Disabled Adult Child	X	X
R5_N_DEPEN_ATINT	SSDI dependent benefits due at interview	X	
R5_N_DEPENLASTMNTH	SSDI dependent benefit payment amount last month	X	
R5_N_DEPENLASTMNTH_PUB	SSDI dependent benefit payment amount last month (Public)	X	X
R5_N_IMP_CIRC	Circulatory impairment	X	X
R5_N_IMP_ENDO	Endocrine impairment	X	X
R5_N_IMP_ID	Intellectual disability	X	X
R5_N_IMP_INJ	Injury or poisoning	X	X

Variable Name	Variable Label	Restricted Access	Public Use
R5_N_IMP_MISSING	Missing impairment	X	X
R5_N_IMP_MUSC	Musculoskeletal impairment	X	X
R5_N_IMP_NEO	Neoplasm	X	X
R5_N_IMP_NERV	Nervous system impairment	X	X
R5_N_IMP_OTHER	Other impairment	X	X
R5_N_IMP_PSYCH	Psyciatric impairment	X	X
R5_N_IMP_RESP	Respiratory impairment	X	X
R5_N_IMP_SENS	Sensory impairment	X	X
R5_N_IRREGULAR_INCOME_SSDI	Irregular SSDI payment	X	
R5_N_IRREGULAR_INCOME_SSI	Irregular SSI payment	X	
R5_N_MFT	Master file type	X	
R5_N_MTHSEARLENT	Months Since Earliest SSI or SSDI Entitlement Date	X	
R5_N_MTHSEARLENT_PUB	Months Since Earliest SSI or SSDI Entitlement Date (Public)	X	X
R5_N_MTHSRECENT	Months Since Most Recent SSI or SSDI Entitlement Date	X	
R5_N_MTHSRECENT_PUB	Months Since Most Recent SSI or SSDI Entitlement Date (Public)	X	X
R5_N_ONSETDATE_SSDI	SSDI onset date	X	
R5_N_ONSETDATE_SSI	SSI onset date	X	
R5_N_PIAATINT	Primary Insurance Amount (PIA)	X	
R5_N_PIAATINT_PUB	Primary Insurance Amount (PIA) (Public)	X	X
R5_N_RepPayee	Representative Payee	X	X
R5_N_SSDI_ATINT	SSDI benefit due at interview	X	
R5_N_SSDILASTMNTH	SSDI payment last month	X	
R5_N_SSDILastMnth_PUB	SSDI payment last month (Public)	X	X
R5_N_SSDINOMCR_ATINT	SSDI no Medicare at Interview	X	X
R5_N_SSI_ATINT	SSI benefit due at interview	X	
R5_N_SSILASTMNTH	State and federal SSI payment last month	X	
R5_N_SSILastMnth_PUB	State and federal SSI payment last month (Public)	X	X
R5_N_STW_AtInt	SSA benefits are in suspense or terminated because of work at interview	X	X
R5_N_STW_EVER	Ever experienced suspense or termination of cash benefits due to work	X	X
R5_N_STW_MNTHS_RECENT	STW months since most recent eligibility	X	
R5_N_TOC	Type of claim	X	
R5_N_TOTSSBEN_ATINT	Total SSI and SSDI benefits due at interview	X	
R5_N_TotSSbenLastMnth	Total SSI and SSDI payment last month	X	
R5_N_TotSSbenLastMnth_PUB	Total SSI and SSDI payment last month (Public)	X	X
R5_N_TTWPART_ATINT	Ticket to Work participant at interview	X	
R5_N_TTWPARTEVER	TTW participant ever	X	X
R5_N_TTWPMT_TYPE	Ticket to Work payment type	X	
R5_N_TTWPROV_TYPE	Ticket to Work provider type	X	

APPENDIX C

CHANGES IN QUESTIONNAIRE CONTENT BETWEEN NBS ROUND 4 AND NBS–GENERAL WAVES ROUND 5

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Changes in questionnaire content between Round 4 and Round 5 NBS–General Waves

Item	Change	Reason
Section B		
B23_2. How often do you use a computer to access the Internet?	Item revised	Removed reference to World Wide Web because it is outdated; the term 'Internet' is the commonly used term
B29_f1 Next, I am going to read you a list of things that some people do to look for work. Please tell me whether or not {you/NAME} did any of these things during the last four weeks. To look for work in the last four weeks did {you/NAME}: Contact a former employer in person, by mail or email, or by phone?	Item added	Based on information from Round 4, contacting a former employers was commonly cited in verbatim responses.
B29_g Next, I am going to read you a list of things that some people do to look for work. Please tell me whether or not {you/NAME} did any of these things during the last four weeks. To look for work in the last four weeks did {you/NAME}: Contact any other employers in person, by mail or email, or by phone?	Item revised	Added "other" and "or email" to the question text to differentiate from new item B29_f1.
B29_2 Now, I am going to read you a list of reasons why people sometimes do not accept a job offer. Please tell me if any of these are reasons why {you/NAME} did not accept a job that {you/he/she} {were/was} offered in the past four weeks: The job did not offer a flexible enough schedule.	Item deleted	Item deleted because of low number of cases responding affirmatively in prior round.
B29_2 Now, I am going to read you a list of reasons why people sometimes do not accept a job offer. Please tell me if any of these are reasons why {you/NAME} did not accept a job that {you/he/she} {were/was} offered in the past four weeks: Job did not pay enough.	Item added	Based on information from Round 4, inadequate pay was commonly cited in verbatim responses.
B37 Do {your/NAME's} personal goals include ~~{(IF B36=00) getting a job,}~~ working at a job, moving up in a job, or learning new job skills?	Item revised	Changed 'getting a job' to 'working at a job' so item is applicable to both those not working as well as those currently working. This change negates the need for programming alternative wording if B36=00.
B47 Please tell me how much you agree with the following statements. Would you say you strongly agree, agree, disagree, or strongly disagree? You see {yourself/NAME} continuing to work/working} for pay in the next two years.	Item revised	Changed temporal reference from one to two years, to reflect change from annual survey to a biennial survey.

Item		Change	Reason
Section C			
C26amt., C26hop, C31amt, C31hop	How much {do you or your/does NAME or (his/her)} family have to pay?	Items deleted	Items asked about payments made by the sample member and his/her family for equipment (C26) and personal assistant services (C31). Most respondents skip these items; this resulted in data being of little analytic value.
C39	Again, thinking about your {main/current} job, how much do you agree with each of the following statements? Would you say you strongly agree, agree, disagree, or strongly disagree? **You plan to stay at this job for the next five years**	Item added	Item added because of analytic value.
Section E			
E4.	{Have you/Has NAME} ever used a Plan for Achieving Self-Support or a PASS Plan?	Item deleted	Information about participation is available through SSA administrative records.
E6.	{Have you/Has NAME} ever used the earned income exclusion or the 1 for 2 earnings exclusion?	Item deleted	Information about participation is available through SSA administrative records.
E8.	{Have you/Has NAME} ever used Property Essential to Self-Support or PESS?	Item deleted	Information about participation is available through SSA administrative records.
E10.	{Have you/Has NAME} ever used Continued Medicaid Eligibility or 1619(b) coverage?	Item deleted	Information about participation is available through SSA administrative records.
E13.	{Have you/Has NAME} ever used the student earned-income exclusion?	Item deleted	Information about participation is available through SSA administrative records.
E16.	{Have you/Has NAME} ever used a Trial Work Period?	Item deleted	Information about participation is available through SSA administrative records.
E18.	{Have you/Has NAME} ever used an Extended Period of Eligibility for Medicare?	Item deleted	Information about participation is available through SSA administrative records.
E20.	{Have you/Has NAME} ever used exclusions for Impairment-Related Work Expenses or Blind Work Expenses?	Item deleted	Information about participation is available through SSA administrative records.
E22 thru E51		Items deleted	Items focused on Ticket-to-Work program
Section F			
F1 thru F33 (Entire Section)		Items deleted	Items focused on Ticket-to-Work program.

Item		Change	Reason
Section G			
G29b.	Earlier you said you {used a Ticket to sign up with an Employment Network}/{were signed up with a State Vocational Rehabilitation Center} in 2009, but you just reported that in 2009 you did not receive any employment services to help improve your ability to work or live independently. Is this correct?	Item deleted	Item focused on the Ticket-to-Work program.
G5.	In 2009, did {you/NAME} receive employment services from {FIRST/SECOND EMPLOYMENT NETWORK IN 2009 (E39)}?	Item deleted	Item focused on the Ticket-to-Work program.
G6.	Then let me add {FIRST/SECOND EMPLOYMENT NETWORK FROM 2009 (E39)} to this list.	Item deleted	Item focused on the Ticket-to-Work program.
G29b.	Earlier you said that you {used a Ticket to sign up with an Employment Network}/ {were signed up with a State Vocational Rehabilitation Center} in 2009, but you just reported that in 2009 you did not receive any employment services to help improve your ability to work or live independently. Is this correct?	Item deleted	Item focused on the Ticket-to-Work program.
G29c.	Did you not receive services in 2009 because…	Item deleted	Item focused on the Ticket-to-Work program.
G49.	In 2009, did any Employment Network give {you/NAME} money to use for any reason?	Item deleted	Item focused on the Ticket-to-Work program.
G50.	In 2009, how much money did {you/NAME} receive from all Employment Networks?	Item deleted	Item focused on the Ticket-to-Work program.
G51.	How many [months/ weeks] in 2009 {did you/did NAME} receive this money from {your/his/her} Employment Networks?	Item deleted	Item focused on the Ticket-to-Work program.
Section H			
H1 thru H58 (entire section)		Items deleted	Items focused on Ticket-to-Work evaluation.
Section I			
I17b.	{Are you/Is NAME} blind or do {you/ does he/she} have serious difficulty seeing even when wearing glasses?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
I17a.	{Do you/Does NAME} ever wear glasses or contact lenses?	Item deleted	
I18.	{Do you/Does NAME} have any difficulty seeing words and letters in ordinary newsprint?	Item deleted	
I20.	What devices, equipment, or other types of assistance {do you/does NAME} use?	Response options revised	Added “screen readers” and “text-to-voice devices” as response options.

Item		Change	Reason
I21.	{Are you/is NAME} deaf or do {you/he/she} have serious difficulty hearing?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
I23.	Do you/Does NAME} use any devices, special equipment, or other special assistance because of difficulty hearing? This includes a hearing aide, a phone amplifier, TTY or teletype **Relay**, an assistive listening or signaling device, or an interpreter.	Item revised	Added “relay” after teletype for clarification.
I24.	What devices, equipment, or other types of assistance {do you/does NAME} use?	Item revised	Added two response options due to advances in technology (instant message and Skype or other video messaging). Removed the standalone response option “TDD”. Revised the response option “TYY or Teletype” to include “TDD”
I29.	{Do you/Does NAME} have serious difficulty walking or climbing stairs?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
I30.	{Are you/Is NAME} able to walk without assistance at all?	Item revised	Removed the text “a quarter of a mile” from the question text.
I33.	{Do you/Does NAME} have any difficulty climbing up 10 steps without resting?	Item deleted	Item deleted due to inclusion of related American Community Survey (ACS) version of question about stair climbing.
I34.	{Are you/Is NAME} able to climb stairs at all?	Item deleted	Item deleted; limited analytic value.
I47.	Because of a physical, mental, or emotional condition, {do you/does NAME} have difficulty doing errands alone such as visiting a doctor’s office or shopping?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
I51.	{Do you/Does NAME} have difficulty dressing or bathing?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
I59.	Because of a physical, mental, or emotional condition, {do you/does NAME} have serious difficulty concentrating, remembering, or making decisions?	Item revised	Replaced existing item with the American Community Survey (ACS) version.
Section J			
J4.	{Are you/Is NAME} currently covered by military health care, through Armed Forces retirement benefits, the VA, TRICAREor TRICARE?,	Item revised	Removed reference to outdate insurance programs (CHAMPUS, CHAMP-VA).

Item		Change	Reason
J5.	{Are you/Is NAME} currently covered by private health insurance, for example, private insurance that {you get/(he/she) gets} through an employer, a family member, or that {you purchase/(he/she) purchases} on {your/his/her} own including private insurance through the Affordable Care Act, sometimes called HealthCare.gov or ObamaCare?	Item revised	Added content to address enactment of the Affordable Care Act.
J9.	What kinds of health insurance coverage {do you/does NAME} have?	Item revised	Removed reference to outdated insurance programs in the response options (CHAMPUS, CHAMP-VA).
J11.	What kinds of health coverage did {you/NAME} have?	Item revised	Removed reference to outdated insurance programs in the response options (CHAMPUS, CHAMP-VA).
Section K			
K11.	Did {you/NAME} receive any food stamps last month? You may know this as SNAP benefits. Please include only food stamps {you/NAME} received for {you/NAME} and {your/NAME's} family. Do not include food stamps received separately by other members of [your/NAME's} household.	Item revised	Added reference to SNAP benefits, a new acronym for the food stamp program since the 2010 survey administration.
Section L			
L15.	Is this place primarily for people with hearing or vision impairments, mental illness, intellectual disabilities, or developmental disabilities?	Item revised	Changed "mental retardation" to "intellectual disabilities".

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APPENDIX D

OTHER SPECIFY AND OPEN-ENDED ITEMS WITH ADDITIONAL CATEGORIES CREATED DURING CODING

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Table D.1. "Other/specify" and open-ended items with additional categories created during coding

Question #	Question Text	Current Response Options	Additional Categories Created
B25	What are they (the other reasons you are not working that I didn't mention)?	a = A physical or mental condition prevents [you/him/her] from working b = [You/NAME] cannot find a job that [you are/(he/she) is] qualified for c = [You do/NAME does] not have reliable transportation to and from work d = [You are/NAME is] caring for someone else. f = [You/NAME] cannot find a job [you want/(he/she) wants] g = [You are/NAME is] waiting to finish school or a training program. h = Workplaces are not accessible to people with [your/NAME's] disability. i = [You do/NAME does] not want to lose benefits such as disability, worker's compensation, or Medicaid j = [Your/NAME's] previous attempts to work have been discouraging l = Others do not think [you/NAME] can work m=Employers will not give [you/NAME] a chance to show that [you/he/she] can work. n = [You/NAME] does not have the special equipment or medical devices that [you/he/she] would need in order to work. o = [You/NAME] cannot get the personal assistance [you need/he needs/she needs] in order to get ready for work each day	p=Cannot find a job/job market is bad q=Lack skills
B29_6	What benefits [were/was] [you/NAME] most worried about losing?	1= Private disability insurance 2= Workers' compensation 3= Veterans' benefits 4= Medicare 5= Medicaid 6= SSA disability benefits 7= Public assistance or welfare 8= Food stamps 9= Personal assistance services (pas) 10= Unemployment benefits 11= Other state disability benefits 12= Other government programs 13= Other	14= Health insurance unspecified

Question #	Question Text	Current Response Options	Additional Categories Created
B29_10	What benefits [were/was] [you/NAME] most worried about losing?	01= Private Disability Insurance 02= Workers' compensation 03= Veterans' benefits 04= Medicare 05= Medicaid 06= SSA Disability Benefits 07= Public Assistance or Welfare 08= Food Stamps 09= Personal Assistance Services (PAS) 10= Unemployment Benefits 11= Other State Disability Benefits 12= Other government programs 13= Other	14= Health insurance unspecified
B29_11b	What benefits [were/was] [you/NAME] most worried about losing?	01= Private Disability Insurance 02= Workers' compensation 03= Veterans' benefits 04= Medicare 05= Medicaid 06= SSA Disability Benefits 07= Public Assistance or Welfare 08= Food Stamps 09= Personal Assistance Services (PAS) 10= Unemployment Benefits 11= Other State Disability Benefits 12= Other government programs 13= Other	14= Health insurance unspecified
C35	Are there any changes in [your/NAME's] [main/current] job or workplace related to [your/his/her] mental or physical condition that [you need/he/she needs], but that have <u>not</u> been made? (IF YES) What are those changes?	<OPEN>	a= Need special equipment or assistive b= Need changes in [your/NAME's] work schedule c= Need changes to the tasks [you were/NAME was] assigned or how they are performed d= Need changes to the physical work environment e= Need co-workers or others to assist [you/NAME]? f=Need other changes

Question #	Question Text	Current Response Options	Additional Categories Created
C39b	[Do you/Does NAME] work fewer hours or earn less money than [you/he/she] could because [you/he/she]:	a = [Are/Is] taking care of children or others? b = [Are/Is] enrolled in school or a training program? c = Want[s] to keep Medicare or Medicaid coverage? d = Want[s] to keep cash benefits [you/he/she] need such as disability or workers' compensation? e = Just [do/does] not want to work more? f = Are there any reasons I didn't mention why [you are/NAME is] working or earning less than [you/he/she] could?	g=[Are/is] in poor health or [have/has] health concerns?
C39_2	What benefits have been reduced or ended as a result of [your/NAME's] (main/current) job?	01 = Private Disability Insurance 02 = Workers' compensation 03 = Veterans' benefits 04 = Medicare 05 = Medicaid 06 = SSA Disability Benefits 07 = Public Assistance or Welfare 08 = Food Stamps 09 = Personal Assistance Services (PAS) 10 = Unemployment Benefits 11 = Other State Disability Benefits 12 = Other government programs 13 = Other	14= Health insurance unspecified

Question #	Question Text	Current Response Options	Additional Categories Created
D23	Why did [you/NAME] stop working at this job?	LAYOFF, FIRED, RETIRED 1=LAYOFF, PLANT CLOSED 2=FIRED 3=RETIRED/OLD AGE 4=JOB WAS TEMPORARY AND ENDED PROBLEMS WITH JOB 5=DID NOT LIKE SUPERVISOR OR CO-WORKERS 6=DID NOT LIKE JOB DUTIES 7=DID NOT LIKE JOB EARNINGS 8=DID NOT LIKE BENEFITS 9=DID NOT LIKE OPPORTUNITIES FOR ADVANCEMENT 10=DID NOT LIKE LOCATION 11=DID NOT GET ACCOMMODATIONS THAT WERE NEEDED OTHER PROBLEMS 12=TRANSPORTATION PROBLEMS 13=DECIDED TO GO TO SCHOOL 14=CHILD CARE RESPONSIBILITIES (PREGNANT) 15=OTHER FAMILY OR PERSONAL REASONS DISABILITY 16=DISABILITY GOT WORSE 17=BECAME DISABLED 18=OTHER (SPECIFY: <OPEN>)	19= Moved to another area 20= Found another job 21= Loss or potential loss of government benefits 22= Work schedule
D25	Did you work fewer hours or earn less money than you could have because [you/he/she] you…	a= [Were/Was] taking care of somebody else? b= [Were/Was] enrolled in school or a training program? c= Wanted to keep Medicare or Medicaid coverage d= Wanted to keep cash benefits such as disability or workers compensation? e= Just didn't want to work more? f= Are there any reasons I didn't mention why [you/NAME] might have chosen to work or earn less than [you/he/she] could have during 2004? (SPECIFY: <OPEN>)	g=Had medical problems/complications

Question #	Question Text	Current Response Options	Additional Categories Created
D26	In 2014, do you think [you/NAME] could have worked or earned more if [you/he/she] had:	a=Help caring for [your/his/her] children or others in the household? b=Help with [your/his/her] own personal care such as bathing, dressing, preparing meals, and doing housework? c=Reliable transportation to and from work? d=Better job skills? e=A job with a flexible work schedule? f=Help with finding and getting a better job? g=Any special equipment or medical devices? (SPECIFY: <OPEN>) h=Is there anything else that I didn't mention that would have helped [you/NAME] to work or earn more during 2004? (SPECIFY: <OPEN>)	i=Better health/treatment j=More supportive/helpful employer and/or coworker
G7	Thinking about [PROVIDER FROM G2], was this place:	01=A state agency 02=A private business 03=Some other type of place? (SPECIFY: <OPEN>)	04=School
G18	Thinking about [NEW PROVIDER FROM G16], was this place:	01=A clinic, 02=A hospital, 03=A doctor's office, or 04=Some other type of place? (SPECIFY: <OPEN>)	05=A school 06=A nursing home/group home 07=A government agency 08=In home care 09=A medical equipment store 10=A rehabilitation/counseling center 11=Physical therapy center
G22	Thinking about [NEW PROVIDER FROM G20], was this place:	01=A mental health agency, 02=A clinic, 03=A hospital, 04=A doctor's office, or 05=Some other type of place? (SPECIFY: <OPEN>)	06=Residential treatment program/facility 07=Rehab center/counseling center/day program 08=Church or religious institution

Question #	Question Text	Current Response Options	Additional Categories Created
G36	In 2014, please tell me if [you/NAME] received any of the following services from [PROVIDER FROM G30_1 DE-DUPLICATED LIST IF USED IN 2004]. Did [you/he/she] receive:	a=Physical therapy? b=Occupational therapy? c=Speech therapy? e=Special equipment or devices? f=Personal counseling or therapy? g=Group therapy? d= Medical services? h=A work or job assessment? i=Help to find a job? j=Training to learn a new job or skill? k=Advice about modifying [your/his/her] job or work place? l=On-the-job training, job coaching, or support services? m=Anything else that I didn't mention? (SPECIFY: <OPEN>)	n=Scholarships/grants/loans 0=Prescription services/medication
G61	Why [were you/was NAME] unable to get these services?	<OPEN>	01= Not eligible/request refused 02= Lack information on how to get services/didn't know about services 03= Could not afford/insurance would not cover 04= Did not try to get services 05= Too difficult/too confusing to get services 06=Problems with the service or agency 07=Other
K14	What other assistance did [you/NAME] receive <u>last month</u>?	<OPEN>	01=Housing Assistance 02=Energy Assistance 03=Food assistance 04=Other
L12	The next question is about the place where you live. Was this place a…	01=Single family home? 02=Mobile home? 03=Regular apartment? 04=Supervised apartment? 05=Group home? 06=Halfway house? 07=Personal care or board and care home? 08=Assisted living facility? 09=Nursing or convalescent home? 10=Center for independent living? 11=Some other type of supervised group residence or facility? 12=Something else?	13=Homeless

APPENDIX E

SOC MAJOR AND MINOR OCCUPATION CLASSIFICATIONS

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Table E.1. SOC major and minor occupation classifications

Code	Occupation
	Management
111	Top Executives
112	Advertising, Marketing, PR, Sales
113	Operations Specialist Managers
119	Other Management Occupations
	Business /Financial Operations
131	Business Operations Specialist
132	Financial Specialist
	Computer and Mathematical Science
151	Computer Specialist
152	Mathematical Science Occupations
	Architecture and Engineering
171	Architects, Surveyors and Cartographers
172	Engineers
173	Drafters, Engineering and Mapping Technicians
	Life, Physical and Social Science
191	Life Scientists
192	Physical Scientists
193	Social Scientists and Related Workers
194	Life, Physical and Social Science Technicians
	Community and Social Services
211	Counselors, Social Workers and Other Community and Social Service Specialists
212	Religious Workers
	Legal
231	Lawyers, Judges and Related Workers
232	Legal Support Workers
	Education, Training and Library
251	Postsecondary Teachers
252	Primary, Secondary and Special Education School Teachers
253	Other Teachers and Instructors
254	Librarians, Curators and Archivists
259	Other Education, Training and Library Occupations

Code	Occupation
	Arts, Design, Entertainment, Sports and Media
271	Art and Design Workers
272	Entertainers and Performers, Sports and Related Workers
273	Media and Communication Workers
274	Media and Communication Equipment Workers
	Healthcare Practitioner and Technical Occupations
291	Health Diagnosing and Treating Practitioners
292	Health Technologists and Technicians
299	Other Healthcare Practitioner and Technical Occupations
	Healthcare Support
311	Nursing, Psychiatric and Home Health Aides
312	Occupational and Physical Therapist Assistants and Aides
319	Other Healthcare Support Occupations
	Protective Service
331	Supervisors, Protective Service Workers
332	Firefighting and Prevention Workers
333	Law Enforcement Workers
339	Other Protective Service Workers
	Food Preparation and Serving Related
351	Supervisors, Food Preparation and Food Serving Workers
352	Cooks and Food Preparation Workers
353	Food and Beverage Serving Workers
359	Other Food Preparation and Serving Related Workers
	Building and Grounds Cleaning and Maintenance
371	Supervisors, Building and Grounds Cleaning and Maintenance Workers
372	Building Cleaning and Pest Control Workers
373	Grounds Maintenance Workers
	Personal Care and Service Occupations
391	Supervisors, Personal Care and Service Workers
392	Animal Care and Service Workers
393	Entertainment Attendants and Related Workers
394	Funeral Service Workers
395	Personal Appearance Workers
396	Baggage Porters, Bellhops, and Concierges
397	Tour and Travel Guides
399	Other Personal Care and Service Workers

Code	Occupation
	Sales and Related Occupations
411	Supervisors, Sales Workers
412	Retail Sales Workers
413	Sales Representative, Services
414	Sales Representative, Wholesale and Manufacturing
419	Other Sales and Related Workers
	Office and Administrative Support
431	Supervisors, Office and Administrative Support Workers
432	Communications Equipment Operators
433	Financial Clerks
434	Information and Record Clerks
435	Material Recording, Scheduling Dispatching, and Distribution Workers
436	Secretaries and Administrative Assistants
439	Other Office and Administrative Support Workers
	Farming, Fishing and Forestry Workers
451	Supervisors, Farming, Fishing and Forestry Workers
452	Agricultural Workers
453	Fishing and Hunting Workers
454	Forest, Conservation and Logging Workers
	Construction and Extraction Occupations
471	Supervisors, Construction and Extraction Workers
472	Construction Trade Workers
473	Helpers, Construction Trades
474	Other Construction and Related Workers
475	Extraction Workers
	Installation, Maintenance and Repair Occupations
491	Supervisors, Installation, Maintenance and Repair Workers
492	Electrical and Electronic Equipment Mechanics, Installers and Repairers
493	Vehicle and Mobile Equipment Mechanics, Installers and Repairers
494	Other Installation, Maintenance and Repair Occupations
	Production Occupations
511	Supervisors, Production Workers
512	Assemblers and Fabricators
513	Food Processing Workers
514	Metal Workers and Plastic Workers
515	Printing Workers
516	Textile, Apparel, and Furnishing Workers

Code	Occupation
517	Woodworkers
518	Plant and System Operators
519	Other Production Occupations
	Transportation and Material Moving Occupations
531	Supervisors, Transportation and Material Moving Workers
532	Air Transportation Workers
533	Motor Vehicle Operators
534	Rail Transportation Workers
535	Water Transportation Workers
536	Other Transportation Workers
537	Material Moving Workers
	Military Specific Occupations
551	Military Officer and Tactical Operations Leaders/Managers
552	First-Line Enlisted Military Supervisors/Managers
553	Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members

APPENDIX F

NAICS INDUSTRY CODES

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Table F.1. NAICS industry codes

Code	Description
11	**Agriculture, Forestry Fishing and Hunting**
111	Crop Production
112	Animal Production and Aquaculture
113	Forestry and Logging
114	Fishing, Hunting and Trapping
115	Support Activities for Agriculture and Forestry
21	**Mining, Quarrying, and Oil and Gas Extraction**
211	Oil and Gas Extraction
212	Mining (except Oil and Gas)
213	Support Activities for Mining
22	**Utilities**
221	Utilities
23	**Construction**
236	Construction of Buildings
237	Heavy and Civil Engineering Construction
238	Specialty Trade Contractors
31-33	**Manufacturing**
311	Food Manufacturing
312	Beverage and Tobacco Product Manufacturing
313	Textile Mills
314	Textile Product Mills
315	Apparel Manufacturing
316	Leather and Allied Product Manufacturing
321	Wood Product Manufacturing
322	Paper Manufacturing
323	Printing and Related Support Activities
324	Petroleum and Coal Products Manufacturing
325	Chemical Manufacturing
326	Plastics and Rubber Products Manufacturing
327	Nonmetallic Mineral Product Manufacturing
331	Primary Metal Manufacturing
332	Fabricated Metal Products Manufacturing
333	Machinery Manufacturing
334	Computer and Electronic Product Manufacturing
335	Electrical Equipment, Appliance and Component Manufacturing
336	Transportation Equipment Manufacturing
337	Furniture and Related Product Manufacturing
339	Miscellaneous Manufacturing
42	**Wholesale Trade**
423	Merchant Wholesalers, Durable Goods
424	Merchant Wholesalers, Nondurable Goods
425	Wholesale Electronic Markets and Agents and Brokers
44-45	**Retail Trade**
441	Motor Vehicle and Parts Dealers

Code	Description
442	Furniture and Home Furnishings Stores
443	Electronics and Appliance Stores
444	Building Material and Garden Equipment and Supplies Dealers
445	Food and Beverage Stores
446	Health and Personal Care Stores
447	Gasoline Stations
448	Clothing and Clothing Accessories Stores
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores
452	General Merchandise Stores
453	Miscellaneous Store Retailers
454	Nonstore Retailers
48-49	**Transportation and Warehousing**
481	Air Transportation
482	Rail Transportation
483	Water Transportation
484	Truck Transportation
485	Transit and Ground Passenger Transportation
486	Pipeline Transportation
487	Scenic and Sightseeing Transportation
488	Support Activities for Transportation
491	Postal Service
492	Couriers and Messengers
493	Warehousing and Storage
51	**Information**
511	Publishing Industries (except Internet)
512	Motion Picture and Sound Recording Industries
515	Broadcasting (except Internet)
517	Telecommunications
518	Data Processing, Hosting, and Related Services
519	Other Information Services
52	**Finance and Insurance**
521	Monetary Authorities – Central Bank
522	Credit Intermediation and Related Activities
523	Securities, Commodity Contracts, and Other Financial Investments and Related Activities
524	Insurance Carriers and Related Activities
525	Funds, Trusts, and Other Financial Vehicles
53	**Real Estate and Rental and Leasing**
531	Real Estate
532	Rental and Leasing Services
533	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
54	**Professional, Scientific, and Technical Services**
541	Professional, Scientific, and Technical Services
55	**Management of Companies and Enterprises**
551	Management of Companies and Enterprises
56	**Administrative and Supportive Waste Management and Remediation Services**
561	Administrative and Support Services

Code	Description
562	Waste Management and Remediation Services
61	**Educational Services**
611	Educational Services
62	**Health Care and Social Assistance**
621	Ambulatory Health Care Services
622	Hospitals
623	Nursing and Residential Care Facilities
624	Social Assistance
71	**Arts, Entertainment, and Recreation**
711	Performing Arts, Spectator Sports, and Related Industries
712	Museums, Historical Sites, and Similar Institutions
713	Amusement, Gambling, and Recreation Industries
72	**Accommodation and Food Services**
721	Accommodation
722	Food Services and Drinking Places
81	**Other Services (except Public Administration)**
811	Repair and Maintenance
812	Personal and Laundry Services
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations
814	Private Households
92	**Public Administration**
921	Executive, Legislative, and Other General Government Support
922	Justice, Public Order, and Safety Activities
923	Administration of Human Resource Programs
924	Administration of Environmental Quality Programs
925	Administration of Housing Programs, Urban Planning, and Community Development
926	Administration of Economic Programs
927	Space Research and Technology
928	National Security and International Affairs

APPENDIX G

DESCRIPTION OF CONSTRUCTED VARIABLES

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Description of Constructed Variables

Variable Name	Description
Sampling Variables and Administrative Variables Used in Survey Administration	
OrgSampInfo_DOB	Sample member date of birth from SSA administrative records.
OrgSampInfo_SDate	Date sample frame pulled.
OrgSampInfo_SSIAge	Age began receiving SSI benefits. From SSA administrative records.
OrgSampInfo_PSU	Sampling PSU. For beneficiaries, based on zipcode as of June of the year they were sampled. For participants, sample PSU is based on the zipcode at the time the ticket was assigned.
OrgSampInfo_Release	Sample release number.
OrgSampInfo_Bstatus	Indicates whether sample member receives SSI, SSDI, or both SSI and SSDI. From SSA administrative records.
OrgSampInfo_age	Age of sample member at time of sample selection. Based on date of birth from SSA administrative records.
C_Cohort	Age cohort sampling strata for Beneficiary sample. Based on date of birth from SSA administrative records.
A_Strata	Analytical strata for Beneficiary and Participant samples for variance estimation using SUDAAN. For A_strata the first digit=R3_Orgsampinfo_phase. Among clustered cases (including all cases in the Beneficiary and Traditional payment Ticket Participant samples) all remaining digits are 0. Among unclustered cases in the participant sample, the second digit=R3_C_Paymenttype, the third digit indicates whether the unclustered case was in a psu, and the fourth digit=R3_Frame.
A_PSU	Analytical PSU for variance estimation using SUDAAN. For clustered samples (beneficiaries and participants) A_PSU = PSU identifier. For unclustered Participant sample A_PSU = linkid.
Survey Administration Variables	
PIN	PIN
Final	Final disposition code.
LastDate	Interview date.
C_IntDay	Interview day.
C_IntMnth	Interview month.
C_IntYear	Interview year.
C_Rtype	Indicates whether interview conducted by sample person or proxy. Based on M11.
C_Resptype	Indicates whether the sample person or proxy required assistance from someone else to complete the interview. Based on M12.
Proxy_flag	Indicates how became proxy interview.
C_IntMode	Indicates whether interview conducted via CATI or CAPI.
InterviewLanguage	Indicates whether interview conducted in Spanish or non Spanish.

Variable Name	Description
C_IntAge	Sample member age at interview. Based on date of interview minus self-reported date of birth at A68 or A69.
Weights	
Wtr5_Ben	Weights created for beneficiary sample analyses.
Section B Variables: Disability and Current Work Status	
C_MainConICD9_1-_11	ICD-9 code assigned to verbatim response to B2 (main reason limited). Note: when an ICD-9 code could not be assigned, a two digit code corresponding to the ICD-9 chapter headings was assigned.
C_MainConDiagGrp_1-_11	ICD-9 diagnosis categories based on verbatim at B2 (physical or mental condition that is main reason limited).
C_MainConColDiagGrp_1-_11	Collapsed ICD-9 diagnosis categories based on verbatim at B2 (physical or mental condition that is main reason limited).
C_MainConBodyGroup_1-_11	ICD-9 body group categories based on verbatim at B2 (main reason limited).
C_SecconICD9_1-_12	ICD-9 code assigned to verbatim at B4 (other physical or mental conditions that limit work or other daily activities can do). Note: when and ICD-9 code could not be assigned, a two digit code corresponding to an ICD-9 chapter heading was assigned.
C_SecconDiagGrp_1-_12	ICD-9 diagnosis categories based on verbatim at B4 (other physical and mental conditions that limit work or daily activities).
C_SecconColDiagGrp_1-_11	Collapsed ICD-9 diagnosis categories based on verbatim at B4 (other physical and mental conditions that limit work or daily activities).
C_SecconBodyGroup_1-_11	ICD-9 body group categories based on verbatim at B4 (other physical or mental conditions that limit work or daily activities).
C_ReasBecEligICD9	ICD-9 code assigned to response indicating main reason eligible for disability benefits. Taken from B6, B12, or B15. Note: when and ICD-9 code could not be assigned, a two digit code corresponding to an ICD-9 chapter heading was assigned.
C_ReasBecEligDiagGrp	ICD-9 diagnosis categories for main reason eligible for disability benefits. Taken from B6, B12, or B15.
C_ReasBecEligColDiagGrp	Collapsed ICD-9 diagnosis categories for main reason eligible for disability benefits. Taken from B6, B12, or B15.
C_ReasBecEligBodyGroup	ICD-9 body group categories for main reason eligible for disability benefits. Taken from B6, B12, or B15.
C_DisAge	Indicates age the sample person became disabled. Based on B18_age and B18_yr.
C_AdultChild_Onset	Indicates whether onset of disability was prior to age 18 or at age 18 and older. Based on B19 and C_Disage.
C_WrkdWhenLim	Indicates whether sample person was working at time became disabled. Based on B22 and C_AdultChildOnset.
C_EvrWorked	Indicates whether sample person ever worked at time of interview. Based on B36, B22, B24, and B30.

Variable Name	Description
C_HrPayNeeded	Hourly pay respondent reports needing to make to accept Job. Based on B29_3a and B29_3ahop, or B29_3b and B29_3bhop, or B29_8a and B29_8ahop, or B29_8b and B29_8bhop, or B29_12a and B29_12ahop.
HrPayneed_looking	Hourly pay needed to enter workforce for beneficiaries looking for work
HrPayNeed_notlooking	Hourly pay needed to enter workforce for beneficiaries not looking for work.
Section C Variables: Current Employment	
C_MainCurJobSOC	SOC code assigned to verbatim from C2 (current occupation for main job).
C_MainCurJobNAICS	NAICS code assigned to verbatim at C3 (current industry for main job).
C_CurJob2SOC	SOC code assigned to verbatim from C2 (current occupation for second job).
C_CurJob2NAICS	NAICS code assigned to verbatim at C3 (current industry for second job).
C_CurJob3SOC	SOC code assigned to verbatim from C2 (current occupation for third job).
C_CurJob3NAICS	NAICS code assigned to verbatim at C3 (current industry for third job).
C_MainCurJobHrPay	Hourly rate at current main job (pre-tax). Based on C10, C11, C12amt, and C12hop.
C_MainCurJobMnthPay	Monthly pay rate at current main job (pre-tax). Based on C10, C11, C12amt, and C12hop.
C_MainCurJobMnthPayTH	Monthly take home pay from current main job. Based on C10, C11, C13amt, and C13hop.
C_MainCurJobRepSSA	Number of months before current job reported to SSA. Based on C5b, C5month, and C5bweek.
C_MnthsMainCurJob	Months employed at current main job. Based on year of interview, C4mth, and C4yr. Computed for each job listed.
C_CurJob2HrPay	Hourly pay at current second job
C_CurJob2MnthPay	Monthly pre-tax pay at current second job.
C_CurJob2MnthPayTH	Monthly take home pay at current second job.
C_CurJob2RepSSA	Number of months before current second job reported to SSA. Based on C5b, C5month, and C5bweek.
C_MnthsCurJob2	Months employed at current second job. Based on year of interview, C4mth, and C4yr.
C_CurJob3HrPay	Hourly pay at current third job
C_CurJob3MnthPay	Monthly pre-tax pay at current third job.
C_CurJob3MnthPayTH	Monthly take home pay at current third job.
C_CurJob3RepSSA	Number of months before current third job reported to SSA. Based on C5b, C5month, and C5bweek.
C_MnthsCurJob3	Months employed at current third job. Based on year of interview, C4mth, and C4yr.

Variable Name	Description
C_TotCurMnthPay	Total current monthly pay from all jobs combined. Summary of currently monthly pay variables.
c_totcurmnthpay_high	Flags cases where total monthly pay is higher than $10,000.
c_totcurmnthpay_low	Flags cases where total monthly pay is less than $20 a month.
C_TotCurWkHrs	Total number of hours work per week on all current jobs combined. Based on summary of C8 for all jobs listed.
C_TotCurHrMnth	Total number of hours worked per month on all jobs combined. Based on summary of C8 for all jobs listed.
Section D Variables: Jobs/Other Jobs During 2014	
Main_Job_grid_num	Indicates which job is listed as 2014 main job.
C_job_from_SecC_1	Indicates which current job from section C has been copied over to job 1 in list of jobs held during 2014.
C_job_from_SecC_2	Indicates which current job from section C has been copied over to job 2 in list of jobs held during 2014.
C_job_from_SecC_3	Indicates which current job from section C has been copied over to job 3 in list of jobs held during 2014.
C_job_from_SecC_4	Indicates which current job from section C has been copied over to job 4 in list of jobs held during 2014.
C_Totjobcopied	Total Number of Jobs Copied from C to D
C_MainJob2014SOC	SOC code assigned to verbatim at D4 (occupation at main job in 2014).
C_MainJob2014NAICS	NAICS code assigned to verbatim at D5 (industry for main job in 2014).
C_Job12014SOC	SOC code assigned to verbatim at D4 (occupation at first job in 2014).
C_Job12014NAICS	NAICS code assigned to verbatim at D5 (industry for first job in 2014).
C_Job22014SOC	SOC code assigned to verbatim at D4 (occupation at second job in 2014).
C_Job22014NAICS	NAICS code assigned to verbatim at D5 (industry for second job in 2014).
C_Job32014SOC	SOC code assigned to verbatim at D4 (occupation at third job in 2014).
C_Job32014NAICS	NAICS code assigned to verbatim at D5 (industry for third job in 2014).
C_Job42014SOC	SOC code assigned to verbatim at D4 (occupation at fourth job in 2014).
C_Job42014NAICS	NAICS code assigned to verbatim at D5 (industry for fourth job in 2014).
C_MainJobHrPay2014	Hourly pay for main job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_MainJobMnthPay2014	Monthly pay for main job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_MainJobMnthPayTH2014	Monthly take home pay for main job in 2014. Based on D16, D18, D21amt, and D21hop. Includes current jobs mentioned in section C that are not repeated in section D.

Variable Name	Description
C_MnthsMain2014Job	Months employed at main job in 2014. Based on D6mth and D8mnth. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job1HrPay2014	Hourly pay for first job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job1MnthPay2014	Monthly pay for first job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job1MnthPayTH2014	Monthly take home pay for first job in 2014. Based on D16, D18, D21amt, and D21hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_MnthsJob12014	Months employed at first job in 2014. Based on D6mth ad D8mnth. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job2HrPay2014	Hourly pay for second job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job2MnthPay2014	Monthly pay for second job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job2MnthPayTH2014	Monthly take home pay for second job in 2014. Based on D16, D18, D21amt, and D21hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_MnthsJob22014	Months employed at second job in 2014. Based on D6mth ad D8mnth. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job3HrPay2014	Hourly pay for third job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job3MnthPay2014	Monthly pay for third job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job3MnthPayTH2014	Monthly take home pay for third job in 2014. Based on D16, D18, D21amt, and D21hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_MnthsJob32014	Months employed at third job in 2014. Based on D6mth ad D8mnth. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job4HrPay2014	Hourly pay for fourth job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job4MnthPay2014	Monthly pay for fourth job in 2014 (pre-tax). Based on D16, D18, D20amt, and D20hop. Includes current jobs mentioned in section C that are not repeated in section D.
C_Job4MnthPayTH2014	Monthly take home pay for fourth job in 2014. Based on D16, D18, D21amt, and D21hop. Includes current jobs mentioned in section C that are not repeated in section D.

Variable Name	Description
C_MnthsJob42014	Months employed at fourth job in 2014. Based on D6mth ad D8mnth. Includes current jobs mentioned in section C that are not repeated in section D.
C_Tot2014Pay	Total monthly pay for all jobs combined in 2014. Summary of monthly pay variables for each 2014 job listed. Includes current jobs mentioned in section C that are not repeated in section D.
C_TotHrs2014	Total hours worked in 2014. Summary of hours*weeks worked for all jobs in 2014.
C_UsWkHr2014	Usual weekly hours worked in 2014. Based on total hours worked in 2014 and number of weeks worked in 2014 for all jobs.
Section G: Employment-Related Services and Supports Used in 2014	
C_EvrUseSVR	Indicates that sample member has received employment services or job training from a State Vocational Rehabilitation Agency. Based on G9 and G14.
C_EvrUseWel	Indicates that sample person has received employment services or job training from a welfare agency. Based on G9 and G14.
C_EvrUseSMenH	Indicates that sample person has received employment services or job training from a state mental health agency. Based on G9 and G14.
C_EvrUseOStat	Indicates that sample person has received employment services or job training from another state agency. Based on G9 and G14.
C_EvrUsePriv	Indicates that sample person has received employment services or job training from a private business. Based on G7 and G13.
C_EvrUseOth	Indicates that sample person has received employment services or job training from another type of place. Based on G7 and G13.
C_EvrUseSchool	Indicates that sample person has received employment services or job training from a school or university (Note that this category was created based on responses to "some other type of place").
C_EvrUseUnemply	Indicates that sample person has received employment services or job training from an unemployment agency (Note that this category was created based on responses to "some other type of place").
C_EvrUseClinic	Indicates that sample person has received medical or mental health services from a clinic, hospital, or doctor's office.
C_EvrUseRehab	Indicates that sample person received medical or mental health services from a rehabilitation center (Note that this category was created based on responses to "some other type of place").
C_EvrUseOthMed	Indicates that sample person received medical or mental health services from another type of place.
C_EmpProvUnkwn	Indicates that provider of employment and job training services was unknown.
C_MedProvUnkwn	Indicates that provider of medical and mental health services was unknown.
C_EvrUsedServ	Indicates that sample member has used one or more of the services indicated at Gx, Gx0, Gx5, and Gx9.
C_EvrUseEmploy	Indicates that sample person has used employment services from any provider. Based on G1, G36_h, G36_l, or G36_k.

Variable Name	Description
C_NumProvEvUsed	Number of providers sample person has used for employment-related services. Based on count of providers from de-duplicated list at G32.
C_NumProv2014	Number of providers sample person used for employment related services in 2014. Based on count of de-duplicated providers from list at G32, G33, and G35.
C_UseSVR2014	Indicates that sample person received employment services or job training from an SVR in 2014.
C_UseWEL2014	Indicates that sample person received employment services or job training from a welfare agency in 2014.
C_UseSMenH2014	Indicates that sample person received employment services or job training from a state mental health agency in 2014.
C_UseOthSt2014	Indicates that sample person received employment services or job training from another state agency in 2014.
C_UsePriv2014	Indicates that sample person received employment services or job training from a private business in 2014.
C_UseOthNonSt2014	Indicates that sample member received employment or job training services from another non state provider in 2014.
C_UseSchool2014	Indicates that sample member received employment services or job training at a school in 2014.
C_UseUnemp2014	Indicates that sample member received employment services or job training from an unemployment agency in 2014.
C_UseClinic2014	Indicates that sample member received medical or mental health services at a clinic, hospital, or doctor's office in 2014.
C_UseRehab2014	Indicates that sample member received medical or mental health services at a rehabilitation center in 2014.
C_UseOthMed2014	Indicates that sample member received medical or mental health services from another type of place in 2014.
C_EmpUnkwn2014	Indicates that provider type was unknown for employment and job training services received in 2014.
C_MedUnkwn2014	Indicates that provider type was unknown for medical and mental health services received in 2014.
C_ServUse2014	Indicates that sample member used one or more services (G1, G10, G15, G19) in 2014.
C_PhyTh2014	Indicates that sample member received physical therapy from any provider in 2014.
C_OccTher2014	Indicates that sample member received occupational therapy from any provider in 2014.
C_SpchThr2014	Indicates that sample member received speech therapy from any provider in 2014.
C_MedProc2014	Indicates that the sample member received a medical procedure from any provider in 2014.

Variable Name	Description
C_Equip2014	Indicates that sample member received special equipment or devices from any provider in 2014.
C_Coun2014	Indicates that sample member received personal counseling or therapy from any provider in 2014.
C_GrpTh2014	Indicates that sample member received group therapy from any provider in 2014.
C_WrkAs2014	Indicates that sample member received a work or job assessment from any provider in 2014.
C_FindJob2014	Indicates that sample member received help finding a job from any provider in 2014.
C_JobTrn2014	Indicates that sample member received training to learn a new job or skill from any provider in 2014.
C_JobMod2014	Indicates that sample member received advice about modifying his/her job or work place from any provider in 2014.
C_JobCch2014	Indicates that sample member received on-the-job training, job coaching, or support services from any provider in 2014.
C_OtherServ2014	Indicates that sample member received any other services at G36 from any provider in 2014.
C_TotSerHr2014	Total number of hours of services used in 2014.
C_ProvType2014_1-_34[62]	Type of provider received services from in 2014 (Prov n).
C_PhyTh2014_1-_34	Indicates received physical therapy from Provider n in 2014.
C_OccTh2014_1-_34	Indicates received occupational therapy from Provider n in 2014.
C_SpchTh2014_1-_34	Indicates received speech therapy from Provider n in 2014.
C_Med2014_1-_34	Indicates received medical procedure from Provider n in 2014.
C_Equip2014_1-_34	Indicates received special equipment or devices from Provider n in 2014. Based on G36.
C_Coun2014_1-_34	Indicates received personal counseling or therapy from Provider n in 2014. Based on G36.
C_GrpTh2014_1-_34	Indicates received group therapy from Provider n in 2014. Based on G36.
C_WrkAs2014_1-_34	Indicates received work assessment from Provider n in 2014.
C_FndJob2014_1-_34	Indicates received help finding a job from Provider n in 2014. Based on G36.
C_JobTrn2014_1-_34	Indicates received training to learn new job or skill from Provider n in 2014.
C_JobMd2014_1-_34	Indicates received advice about modifying job from Provider n. Based on G36.
C_JobCch2014_1-_34	Indicates received job training from Provider n in 2014. Based on G36.
C_Othr2014_1-_34	Indicates received other service from Provider n in 2014.

[62] Only provider numbers with data are included on the data file and codebook.

Variable Name	Description
C_DurProvVisit_1-_34	Duration in hours of visit with Provider n.
C_NumProvCont_1-_34	Number of contacts with Provider n.
R5_C_NUMPROVCONT_01_1	Number of provider Contacts per Year in 2014 (Type=SVR, first provider)
R5_C_NUMPROVCONT_03_1	Number of provider Contacts per Year in 2014 (Type=Mental Health, first provider)
R5_C_NUMPROVCONT_04_1	Number of provider Contacts per Year in 2014 (Type=Other, first provider)
R5_C_NUMPROVCONT_05_1	Number of provider Contacts per Year in 2014 (Type=Private, first provider)
R5_C_NUMPROVCONT_07_1	Number of provider Contacts per Year in 2014 (Type=School, first provider)
R5_C_NUMPROVCONT_10_1	Number of provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, first provider)
R5_C_NUMPROVCONT_10_2	Number of provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, second provider)
R5_C_NUMPROVCONT_10_3	Number of provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, third provider)
R5_C_NUMPROVCONT_11_1	Number of provider Contacts per Year in 2014 (Type=Rehab, first provider)
R5_C_NUMPROVCONT_12_1	Number of provider Contacts per Year in 2014 (Type=Other Medical, first provider)
C_ProvUse2014_1-_34	Rating of usefulness of services received from Provider n in 2014.
C_ProvType2014_01_n	Indicates that a SVR was a provider in 2014 (where n=number of provider).
C_ProvType2014_02_n	Indicates that a Welfare agency was a provider in 2014.
C_ProvType2014_03_n	Indicates that a Mental Health agency was a provider in 2014.
C_ProvType2014_04_n	Indicates that a welfare agency, other non-state, or unemployment office was a provider in 2014.
C_ProvType2014_05_n	Indicates that a private business was a provider in 2014.
C_ProvType2014_06_n	Indicates that another non-state agency was a provider in 2014.
C_ProvType2014_07_n	Indicates that a school was a provider in 2014.
C_ProvType2014_08_n	Indicates that an employment office was a provider in 2014.
C_ProvType2014_09_n	Indicates that provider type was unknown for a provider of employment/training services in 2014.
C_ProvType2014_10_n	Indicates that a clinic/hospital/MD was a provider in 2014.
C_ProvType2014_11_n	Indicates that a rehabilitation treatment center was a provider in 2014.
C_ProvType2014_12_n	Indicates that another medical provider was a provider in 2014.
C_ProvType2014_13_n	Indicates that provider type was unknown for a provider of medical/mental health services in 2014.
C_Phyth2014_x_n	Indicates received physical therapy in 2014 from provider type x (where n=number of provider).

Variable Name	Description
C_Occth2014_x_n	Indicates received occupational therapy in 2014 from provider type x.
C_Spchth2014_x_n	Indicates received speech therapy in 2014 from provider type x.
C_Med2014_x_n	Indicates received medical procedure in 2014 from provider type x.
C_Equip2014_x_n	Indicates received special equipment in 2014 from provider type x.
C_Coun2014_x_n	Indicates received personal counseling in 2014 from provider type x.
C_Grpth2014_x_n	Indicates received group therapy in 2014 from provider type x.
C_WrkAs2014_x_n	Indicates received work assessment in 2014 from provider type x.
C_FndJob2014_x_n	Indicates received help to find a job in 2014 from provider type x.
C_JobTrn2014_x_n	Indicates received job training in 2014 from provider type x.
C_JobMd2014_x_n	Indicates received advice about modifying work place in 2014 from provider type x.
C_JobCch2014_x_n	Indicates received job coaching in 2014 from provider type x.
C_Othr2014_x_n	Indicates received something else in 2014 from provider type x.
C_NumProvCont_x_n	Indicates number provider contacts in 2014 from provider type x.
C_ProvUse2014_x_n	Indicates usefulness of services received in 2014 from provider type x.
C_DurProVisit_x_n	Indicates duration of provider visits in 2014 from provider type x.
Section I: Health and Functional Status	
C_EquipFuncLim	Sample member uses equipment/device for any functional/sensory/communication limitation including seeing, hearing, speaking, or walking. Based on I19, I23, I27, and I31.
C_NumSenLim	Number of sensory/communication limitations reported including difficulty seeing, hearing, or speaking. Based on I21 and I25.
C_NumSevSenLim	Number of severe sensory/communication limitations reported including inability to see, hear, or speak at all. Based on I18, I22, and I26.
C_NumPhyLim	Number of physical functional limitations reported including difficulty walking, climbing, lifting, grasping, reaching, standing, or stooping. Based on I29, I33, I35, I39, I41, and I43.
C_NumSevPhyLim	Number of severe physical functional limitations reported including inability to walk, climb, lift, grasp, reach, stand, or stoop at all. Based on I30, I34, I36, I38, I40, I42, and I44.
C_NumEmotLim	Number of emotional/social limitations including trouble concentrating, coping with stress, and getting along with others. Based on I59, I60, and I61
C_NumADLs	Number of Activity of Daily Living tasks report difficulty with including getting around home, getting into and out of bed, difficulty bathing, and difficulty eating. Based on I45, I49, I51, and I57.
C_NumADLAssist	Number of Activity of Daily Living tasks require assistance with including getting around home, getting into and out of bed, bathing, and eating. Based on I46, I50, I52, and I58.

Variable Name	Description
C_NumIADLs	Number of Instrumental Activities of Daily Living tasks report difficulty with including getting around outside home, shopping, and preparing meals. Based on I47, I53, and I55.
C_NumIADLAssist	Number of Instrumental Activities of Daily Living tasks require assistance with including getting around outside home, shopping, and preparing meals. Based on I48, I54, and I56.
C_SF8BP	SF-8 bodily pain scale value. Based on I4.
C_SF8GH	SF-8 general health scale value. Based on I1.
C_SF8MH	SF-8 mental health scale value. Based on I7.
C_SF8PF	SF-8 physical functioning scale value. Based on I2.
C_SF8RE	SF-8 role emotional scale value. Based on I8.
C_SF8RP	SF-8 role physical scale value. Based on I3.
C_SF8SF	SF-8 social functioning scale value. Based on I6.
C_SF8VT	SF-8 vitality scale value. Based on I5.
C_PCSBP	Physical (PCS-8) Weights for Bodily Pain.
C_PCSGH	Physical (PCS-8) Weights for General Health.
C_PCSMH	Physical (PCS-8) Weights for Mental Health.
C_PCSPF	Physical (PCS-8) Weights for Physical Functioning.
C_PCSRE	Physical (PCS-8) Weights for Role Emotional.
C_PCSRP	Physical (PCS-8) Weights for Role Physical.
C_PCSSF	Physical (PCS-8) Weights for Social Functioning.
C_PCSVT	Physical (PCS-8) Weights for Vitality.
C_MCSBP	SF-8 Mental (MCS-8) Weight for Bodily Pain.
C_MCSGH	SF-8 Mental (MCS-8) Weight for General Health.
C_MCSMH	SF-8 Mental (MCS-8) Weight for Mental Health.
C_MCSPF	SF-8 Mental (MCS-8) Weight for Physical Functioning.
C_MCSRE	SF-8 Mental (MCS-8) Weight for Role Emotional.
C_MCSRP	SF-8 Mental (MCS-8) Weight for Role Physical.
C_MCSSF	SF-8 Mental (MCS-8) Weight for Social Functioning.
C_MCSVT	SF-8 Mental (MCS-8) Weight for Vitality.
C_PCS8TOT	SF-8 standardized aggregate summary physical health score (higher scores are indicative of better health). Based on C_PCSGH, C_PCSPF, C_PCSRP, C_PCSBP, C_PCSVT, C_PCSSF, C_PCSMH, and C_PCSRE.

Variable Name	Description
C_MCS8TOT	SF-8 standardized aggregate mental health summary score (higher scores are indicative of better health). Based on C_MCSGH, C_MCSPF, C_MCSRP, C_MCSBP, C_MCSVT, C_MCSSF, C_MCSMH, C_MCSRE.
C_CAGEAlcohol	Summary of affirmative responses to CAGE items: I62-I65 (higher scores are indicative of greater alcohol dependence).
C_DrugDep	Summary of drug dependence items: I72-I76 (higher scores are indicative of greater drug dependence)
Section J: Health Insurance	
C_CurMedicare	Currently covered by Medicare. Based on response to J1 or J9_2.
C_CurMedicaid	Currently covered by Medicaid. Based on response to J2 or J9_1.
C_CurMilInsur	Currently covered by military insurance. Based on response to J4 or J9_3.
C_CurIndInsur	Currently covered by Indian Health Insurance. Based on response to J9_4.
C_CurMedigap	Currently covered by Medi-Gap. Based on response to J9_5.
C_CurStAssist	Currently covered by State program. Based on response to J9_6.
C_CurPrivEmp	Currently covered by private insurance through own employer. Based on response to J6 or J9_7.
C_CurPrivSp	Currently covered by private insurance through spouse/partner/parent. Based on response to J6 or J9_8.
C_CurPrivSelf	Currently covered by private insurance paid for by self/family. Based on response to J6 or J9_9.
C_CurOtherInsur	Currently covered by other plan. Coded "yes" if report coverage associated with Indian Health Service, Medi-Gap, State program, or other plan.
C_CurNoInsur	Currently not covered by any insurance. Coded "yes" if J8=1 or no insurance coverage mentioned in J9.
Section K: Income and Other Assistance	
C_LstMnthPay	Last month pay (pre-tax). Based on K3 (logical zero coded if K3=.L).
C_AmtPrivDis	Amount received from Private Disability last month. Based on K6 (logical zero coded if K6_a=0).
C_AmtWorkComp	Amount received from Workers' Compensation last month. Based on K6 (logical zero coded if K6_b=0).
C_AmtVetBen	Amount received from Veterans' Benefits last month. Based on K6 (logical zero coded if K6_c=0).
C_AmtPubAssis	Amount received from public assistance or welfare payments last month. Based on K6 (logical zero coded if K6_d=0).
C_AmtUnemply	Amount received from Unemployment benefits last month. Based on K6 (logical zero coded if K6_e=0).
C_AmtPrivPen	Amount received from Private Pensions or government pensions last month. Based on K6 (logical zero coded if K6_f=0).

Variable Name	Description
C_AmtOthReg	Amount received from other sources not on a regular basis last month. Based on K6 (logical zero coded if K6_g=0).
C_AmtOthRegSum	Amount from all sources received on regular basis last month. Summary of C_AmtOthReg, C_AmtPrivDis, C_AmtWorkComp, C_AmtVetBen, C_AmtPubAssis, C_AmtUnemply, C_AmtPrivPen, and income received from Social Security last month (N_TotSSbenLastMnth) (imputed values).
C_AmtOthNonReg	Amount received from other sources not on a regular basis last month. Based on K6 (logical zero coded if K6_h=0).
C_AmtFoodStamp	Amount received from Food Stamps last month. Based on K12 (logical zero coded if K11=0).
C_AmtOthgov	Amount received from any other government program last month. Based on K15 (logical zero coded if K13=0).
C_TotGovCashBen	Total government cash benefits received. Summary of C_AmtVetBen, C_AmtPubAssis, and N_TotSSbenLastMnth (imputed values).
C_TotNonCashBen	Total non-cash benefits received. Summary of C_AmtFoodStamp, and C_AmtOthGov.
Section L: Sociodemographic Information	
C_Cohab	Indicates that sample member lives with spouse or partner. Based on L8, L9, and L10.
C_Race	Race categories. Based on L2.
C_BMI	Body Mass Index score. Based on L6ft, L6in, and L7.
C_BMI_cat	Body Mass Index categories. Based on C_BMI.
C_Hhsize	Household size. Based on L11, L16, and L17.
C_NumChildhh	Total number of children in household. Based on L17.
C_NumChildohh	Total number of children outside household. Based on L20.
C_NumChildren	Total number of children. Summary of C_NumChildhh and C_NumChildohh.
C_Numchildhh_pov	Total number of children calculated for use in Federal Poverty Index. Coded as "0" if live in group quarters. If live with un-related others, counts own children only.
C_FedPovertyLevel	Percent of federal poverty threshold relative to number of people in household for 2014. Based on Census Bureau 2014 thresholds.
C_HhInc2014	Total household income in 2014. Based on L23Ahop and L23Aamt.
SSA Administrative Variables	
OrgSampInfo_PrimDiagT16	SSA impairment code. From SSA administrative records.
OrgSampInfo_PrimDiagT2	SSA impairment code. From SSA administrative records.
OrgSampInfo_SecDiagT16	SSA impairment code. From SSA administrative records.
OrgSampInfo_SecDiagT2	SSA impairment code. From SSA administrative records.

Variable Name	Description
OrgSampInfo_hispanic	Indicates whether sample member hispanic or non-hispanic. Based on ethnicity from SSA administrative records.
OrgSampInfo_race	Race of sample member. From SSA administrative records.
OrgSampInfo_Sex	Sex of Sample member. From SSA administrative records.
R5_M2A_RLSHP	How Proxy Related to SP
R5_N_BENSTATATINT2	Beneficiary status at Interview, if missing then at samp info used
R5_N_BFW_RECENT	Benefits forgone for work
R5_N_BIC	Beneficiary identification code
R5_N_DAC	Disabled Adult Child
R5_N_DEPEN_ATINT	SSDI dependent benefits due at interview
R5_N_DEPENLASTMNTH	SSDI dependent benefit payment amount last month
R5_N_IMP_CIRC	Circulatory impairment
R5_N_IMP_ENDO	Endocrine impairment
R5_N_IMP_ID	Intellectual disability
R5_N_IMP_INJ	Injury or poisoning
R5_N_IMP_MISSING	Missing impairment
R5_N_IMP_MUSC	Musculoskeletal impairment
R5_N_IMP_NEO	Neoplasm
R5_N_IMP_NERV	Nervous system impairment
R5_N_IMP_OTHER	Other impairment
R5_N_IMP_PSYCH	Psyciatric impairment
R5_N_IMP_RESP	Respiratory impairment
R5_N_IMP_SENS	Sensory impairment
R5_N_IRREGULAR_INCOME_SSDI	Irregular SSDI payment
R5_N_IRREGULAR_INCOME_SSI	Irregular SSI payment
R5_N_MFT	Master file type
R5_N_MTHSEARLENT	Months Since Earliest SSI or SSDI Entitlement Date
R5_N_MTHSRECENT	Months Since Most Recent SSI or SSDI Entitlement Date
R5_N_ONSETDATE_SSDI	SSDI onset date
R5_N_ONSETDATE_SSI	SSI onset date
R5_N_PIAATINT	Primary Insurance Amount (PIA)

Variable Name	Description
R5_N_RepPayee	Representative Payee
R5_N_SSDI_ATINT	SSDI benefit due at interview
R5_N_SSDILASTMNTH	SSDI payment last month
R5_N_SSDINOMCR_ATINT	SSDI no Medicare at Interview
R5_N_SSI_ATINT	SSI benefit due at interview
R5_N_SSILASTMNTH	State and federal SSI payment last month
R5_N_STW_AtInt	SSA benefits are in suspense or terminated because of work at interview
R5_N_STW_EVER	Ever experienced suspense or termination of cash benefits due to work
R5_N_STW_MNTHS_RECENT	STW months since most recent eligibility
R5_N_TOC	Type of claim
R5_N_TOTSSBEN_ATINT	Total SSI and SSDI benefits due at interview
R5_N_TotSSbenLastMnth	Total SSI and SSDI payment last month
R5_N_TTWPART_ATINT	Ticket to Work participant at interview
R5_N_TTWPARTEVER	TTW participant ever
R5_N_TTWPMT_TYPE	Ticket to Work payment type
R5_N_TTWPROV_TYPE	Ticket to Work provider type

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APPENDIX H

VARIABLES DROPPED OR REPLACED ON PUBLIC USE FILE AND REASON FOR DROP/REPLACEMENT

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Table H.1 Variables dropped or replaced on public use file and reason for drop/replacement

Variable	Label	File Status	Reasons for Drop/Replace
R5_PIN	PIN	DROP	Survey administration variable
R5_FINAL	Final Status Code	DROP	Survey administration variable
R5_LASTDATE	Interview Date	DROP	Survey administration variable
R5_C_INTMNTH	Month of Interview	DROP	Survey administration variable
R5_C_INTDAY	Day of Interview	DROP	Survey administration variable
R5_C_INTYEAR	Year of Interview	DROP	Survey administration variable
R5_C_INTMODE	Interview Mode	DROP	Survey administration variable
R5_INTERVIEWLANGUAGE	Interview Language	DROP	Survey administration variable
R5_PROXY_FLAG	Proxy Flag	DROP	Survey administration variable
R5_ORGSAMPINFO_DOB	Sample Date of Birth	DROP	Unique Identifier
R5_C_INTAGE	Age at Interview	REPLACE	Possible identifier. Use categories (C_IntAge_PUB)
R5_ORGSAMPINFO_SDATE	Date Sample Frame Pulled	DROP	Survey administration variable
R5_ORGSAMPINFO_SSIAGE	Sample Age First Received SSI Benefits	DROP	Survey administration variable
R5_ORGSAMPINFO_PSU	Sample PSU	DROP	Contains geographic Information and not necessary. Have A_PSU
R5_ORGSAMPINFO_RELEASE	Sample Release Number	DROP	Survey administration variable
R5_ORGSAMPINFO_AGE	Sample Age	DROP	Have age at interview construct
R5_ORGSAMPINFO_RACE	Sample Race	DROP	Have survey race construct
R5_ORGSAMPINFO_PRIMDIAGT16	PRIMARY DIAGNOSIS-T16	DROP	SSA Admin Data and possible identifier
R5_ORGSAMPINFO_SECDIAGT16	SECONDARY DIAGNOSIS-T16	DROP	SSA Admin Data and possible identifier
R5_ORGSAMPINFO_PRIMDIAGT2	PRIMARY DIAGNOSIS-T2	DROP	SSA Admin Data and possible identifier
R5_ORGSAMPINFO_SECDIAGT2	SECONDARY DIAGNOSIS-T2	DROP	SSA Admin Data and possible identifier
R5_C_COHORT	Beneficiary Age Cohort	DROP	Possible identifier. Have age at interview construct. Strata information available in A_Strata.
R5_A_PSU	Analytical PSU	DROP	Geographic information. Use A_PSU_PUB.
R5_A68	Reported Month of Birth	DROP	Unique Identifier
R5_A68A	Reported Day of Birth	DROP	Unique Identifier
R5_A68B	Reported Year of Birth	DROP	Unique Identifier
R5_A69	Reported Age	DROP	Possible identifier. Have age at interview construct
R5_A73	Respondent and Interview Type	DROP	Have respondent type construct (C_RTYPE)
R5_A74	Resp Lists Topics of Survey (First Time)	DROP	Survey administration variable-screener items
R5_A76	Resp Lists Topics of Survey (Second Time)	DROP	Survey administration variable-screener items
R5_A77	Resp Understands Voluntary (First Time)	DROP	Survey administration variable-screener items
R5_A77A	Resp Understands Voluntary (Second Time)	DROP	Survey administration variable-screener items
R5_A78	Resp Understands Confidential (First Time)	DROP	Survey administration variable-screener items
R5_A78A	Resp Understands Confidential (Second Time)	DROP	Survey administration variable-screener items
R5_A86	New Proxy Lists Topics of Survey (First Time)	DROP	Survey administration variable-screener items
R5_A88	New Proxy Lists Topics of Survey (Second Time)	DROP	Survey administration variable-screener items
R5_A89	New Proxy Understands Voluntary (First Time)	DROP	Survey administration variable-screener items

Variable	Label	File Status	Reasons for Drop/Replace
R5_A89A	New Proxy Understands Voluntary (Second Time)	DROP	Survey administration variable-screener items
R5_A90	New Proxy Understands Confidential (First Time)	DROP	Survey administration variable-screener items
R5_A90A	New Proxy Understands Confidential (Second Time)	DROP	Survey administration variable-screener items
R5_A92	Proxy Failed Cognitive Test	DROP	Survey administration variable-screener items
R5_B5	Currently receiving benefits	DROP	Have reason became eligible construct. Small cell size
R5_B7	Eligible for Other Reasons	DROP	Have reason became eligible construct. Small cell size
R5_B9	Recvd Benefits In Last 5 Yrs	DROP	Have reason became eligible construct. Small cell size
R5_B11	Still Have Conditions That Made Elig	DROP	Have reason became eligible construct. Small cell size
R5_B13	Previously Eligible for Other Reasons	DROP	Have reason became eligible construct. Small cell size
R5_B16	Limited by Other Conds When First Recvd Benefits	DROP	Have reason became eligible construct. Small cell size
R5_B18_AGE	Age First Became Limited	DROP	Possible identifer—For PUF, (C_ADULTCHILD_ONSET)
R5_B18_YEAR	Year First Became Limited	DROP	Possible identifer--have age at disability construct (C_DISAGE)
R5_B19	Limited Before 18	DROP	Possible identifer--have adult/child onset contruct (C_ADULTCHILD_ONSET)
R5_B22	Working For Pay When First Limited	DROP	Possible identifer--have construct C_EVRWORKED
R5_B23	Job When First Limited Required Comp Use	DROP	Possible identifier
R5_B24	Currently Working	DROP	Have imputed
R5_B24_IFLAG	Currently Working, Imputation Flag	DROP	IFLAG - No analytic value
R5_B28B	Hours per Week Would Like to Work	REPLACE	Group into categories
R5_B29_1B	Turned Down Job Offered within Past 4 weeks	DROP	Small cell sizes. Potentially identfying
R5_B29_2_A	Declined Job Offer b/c No Special Equipment or Devices	DROP	Small cell sizes. Potentially identfying
R5_B29_2_B	Declined Job Offer b/c No Personal Assistance	DROP	Small cell sizes. Potentially identfying
R5_B29_2_C	Declined Job Offer b/c No Help Caring for Others	DROP	Small cell sizes. Potentially identfying
R5_B29_2_D	Declined Job Offer b/c No Reliable Transportation	DROP	Small cell sizes. Potentially identfying
R5_B29_2_E	Declined Job Offer b/c No Flexible Schedule	DROP	Small cell sizes. Potentially identfying
R5_B29_2_F	Declined Job Offer b/c Job Did Not Pay Enough	DROP	Small cell sizes. Potentially identfying
R5_B29_2_G	Declined Job Offer b/c No Health Insurance Benefits	DROP	Small cell sizes. Potentially identfying
R5_B29_2_H	Declined Job Offer b/c Would Have Lost Benefits (SS, Medicaid, etc.)	DROP	Small cell sizes. Potentially identfying
R5_B29_2_I	Declined Job Offer for Other Reason	DROP	Small cell sizes. Potentially identfying
R5_B29_3A	Lowest Wage/Salary Needed to Accept Job Declined	DROP	Have construct R5_C_HrPayNeeded
R5_B29_3AHOP	How Often Paid for Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_3B	Lowest Wage/Salary Needed to Accept Job if Offered	DROP	Have construct
R5_B29_3BHOP	How Often Paid for Job if Offered	DROP	Small cell sizes. Potentially identfying

Variable	Label	File Status	Reasons for Drop/Replace
R5_B29_4A	Hours per Week Expect to Work for Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_4B	Expect to Work Full or Part Time at Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_5	Contacted Someone to Find out How Benefits Affected if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_1	Worried About Losing Private Disability Insurance if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_2	Worried About Losing Workers' Compensation if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_3	Worried About Losing Veterans' Benefits if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_4	Worried About Losing Medicare if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_5	Worried About Losing Medicaid if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_6	Worried About Losing SSA Disability Benefits if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_7	Worried About Losing Public Assistance if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_8	Worried About Losing Food Stamps if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_9	Worried About Losing Personal Assistance Services if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_10	Worried About Losing Unemployment Benefits if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_11	Worried About Losing Other State Disability Benefits if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_12	Worried About Losing Other Government Programs if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_13	Worried About Losing Other Benefits if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_6_14	Worried About Losing Health Insurance (unspecified type) if Took Job Declined	DROP	Small cell sizes. Potentially identfying
R5_B29_8A	Lowest Wage/Salary Needed to Accept Job if Found One	DROP	Have construct
R5_B29_8AHOP	How Often Paid if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_8B	Lowest Wage/Salary Needed to Accept Job if Found and Offered	DROP	Have contruct
R5_B29_8BHOP	How Often Paid if Job Found and Offered	DROP	Small cell sizes. Potentially identfying
R5_B29_8C	Hours per Week Expect to Work at Job if Found and Offered	DROP	Small cell sizes. Potentially identfying
R5_B29_8D	Expect to Work Full or Part Time at Job Found and Offered	DROP	Small cell sizes. Potentially identfying
R5_B29_9	Contacted Someone to Find out How Benefits Affected if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_1	Worried About Losing Private Disability Insurance if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_2	Worried About Losing Workers' Compensation if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_3	Worried About Losing Veterans' Benefits if Found Job	DROP	Small cell sizes. Potentially identfying

Variable	Label	File Status	Reasons for Drop/Replace
R5_B29_10_4	Worried About Losing Medicare if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_5	Worried About Losing Medicaid if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_6	Worried About Losing SSA Disability Benefits if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_7	Worried About Losing Public Assistance if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_8	Worried About Losing Food Stamps if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_9	Worried About Losing Personal Assistance Services if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_10	Worried About Losing Unemployment Benefits if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_11	Worried About Losing Other State Disability Benefits if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_12	Worried About Losing Other Government Programs if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_13	Worried About Losing Other Benefits if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_10_14	Worried About Losing Health Insurance (unspecified type)if Found Job	DROP	Small cell sizes. Potentially identfying
R5_B29_11A	Contacted Someone to Find out How Benefits Affected if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_1	Worried About Losing Private Disability Insurance if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_2	Worried About Losing Workers' Compensation if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_3	Worried About Losing Veterans' Benefits if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_4	Worried About Losing Medicare if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_5	Worried About Losing Medicaid if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_6	Worried About Losing SSA Disability Benefits if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_7	Worried About Losing Public Assistance or Welfare if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_8	Worried About Losing Food Stamps if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_9	Worried About Losing Personal Assistance Services if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_10	Worried About Losing Unemployment Benefits if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_11	Worried About Losing Other State Disability Benefits if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_12	Worried About Losing Other Government Programs if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_11B_13	Worried About Losing Other Benefits if Looked for Work	DROP	Small cell sizes. Potentially identfying

Variable	Label	File Status	Reasons for Drop/Replace
R5_B29_11B_14	Worried About Losing Health Insurance (unspecified type) if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_12A	Lowest Wage/Salary Needed to Accept Job if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_12AHOP	How Often Paid if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_12B	Hours per Week Expect to Work at Job if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B29_12C	Expect to Work Full or Part Time if Looked for Work	DROP	Small cell sizes. Potentially identfying
R5_B36	Ever Worked	DROP	Possible identifer--have ever worked construct
R5_C_MAINCONICD9_1-_11[62]	Main Condition ICD-9	DROP	Possible identifier. Use collapsed categories instead
R5_C_MAINCONDIAGGRP_1-_11[62]	Main Condition Diagnosis Group	DROP	Have imputed
R5_C_MAINCONDIAGGRP_I	Main Condition Diagnosis Group, Imputed	DROP	Use broader categories (C_MAINCONCOLDIAGGRP_I)
R5_C_MAINCONDIAGGRP_IFLAG	Main Condition Diagnosis Group, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_MAINCONCOLDIAGGRP_ 1-_11[62]	Main Condition Diagnosis Group Collapsed	DROP	Have imputed
R5_C_MAINCONCOLDIAGGRP_I	Main Condition Diagnosis Group Collapsed, Imputed	DROP	Possible identifier.
R5_C_MAINCONCOLDIAGGRP_IFLAG	Main Condition Diagnosis Group Collapsed, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_MAINCONBODYGROUP_1-_11[62]	Main Condition Body Group	DROP	Have imputed
R5_C_MAINCONBODYGROUP_I	Main Condition Body Group, Imputed	DROP	ICD-9 Var dropped at R1/R2
R5_C_MAINCONBODYGROUP_IFLAG	Main Condition Body Group, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_SECCONICD9_1-_12[62]	Secondary Condition ICD-9	DROP	Little analytic value. Drop additional codes listed under "main reason elgible" item.
R5_C_SECCONDIAGGRP_1-_12[62]	Secondary Condition Primary Diagnosis Group	DROP	Little analytic value. Drop additional codes listed under "main reason elgible" item.
R5_C_SECCONCOLDIAGGRP_1-_12[62]	Secondary Condition Primary Diagnosis Group Collapsed	DROP	Little analytic value. Drop additional codes listed under "main reason elgible" item.
R5_C_SECCONBODYGROUP_1-_12[62]	Secondary Condition Body Group	DROP	Little analytic value. Drop additional codes listed under "main reason elgible" item.
R5_C_REASBECELIGICD9	Reason Became Eligible ICD-9	DROP	Possible identifer. Possibly use broad categories. This variable combines responses from B6, B12, and B15
R5_C_REASBECELIGDIAGGRP	Reason Became Eligible Diagnosis Group	DROP	Use broader categories (C_REASBECELIGCOLDIAGGRP)
R5_C_REASBECELIGCOLDIAGGRP	Reason Became Eligible Diagnosis Group Collapsed (Code 1)	DROP	Possible identifer. Possibly use broad categories. This variable combines responses from B6, B12, and B15. Note that Paul may change his mind about dropping this one.
R5_C_REASBECELIGBODYGROUP	Reason Became Eligible Body Group (Code 1)	DROP	Use broader categories
R5_C_DISAGE	Age at Onset of Disability	DROP	Have imputed
R5_C_DISAGE_I	Age at Onset of Disability, Imputed	DROP	Possible identifier. Use R5_C_ADULTCHILD_ONSET_I instead.

[62] Only provider numbers with data are included on the data file and codebook.

Variable	Label	File Status	Reasons for Drop/Replace
R5_C_DISAGE_IFLAG	Age at Onset of Disability, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_ADULTCHILD_ONSET	Adult/Child Onset of Disability	DROP	Have imputed
R5_C_ADULTCHILD_ONSET_IFLAG	Adult/Child Onset of Disability, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_HRPAYNEEDED	Hourly Pay Needed to Enter Workforce	REPLACE	Possible identifer and small cell sizes. Use R5_C_HRPAYNEEDED_PUB
R5_C_HRPAYNEED_LOOKING	Hourly Pay Needed to Enter Workforce for Beneficiaries Looking for Work	DROP	Possible identifer and small cell size
R5_C_HRPAYNEED_NOTLOOKING	Hourly Pay Needed to Enter Workforce for Beneficiaries not Looking for Work	DROP	Possible identifer and small cell size
R5_C1	Number Current Jobs	DROP	Have imputed
R5_C1_I	Number Current Jobs, Imputed	DROP	Possible identifer and small cell sizes for more than 1 job
R5_C1_IFLAG	Number Current Jobs, Imputation Flag	DROP	IFLAG - No analytic value
R5_C4MTH_1-_5[62]	Month Started Current Job	DROP	Possible identifier. Have months at main current job construct (C_MNTHSMAINCURJOB)
R5_C4YR_1-_5[62]	Year Started Current Job	DROP	Possible identifer. Have months at main current job construct (C_MNTHSMAINCURJOB)
R5_C5A_2-_5[62]	Notified SSA Working	DROP	Possible identifer and small cell size
R5_C5B_1-_5[62]	Notified SSA Working-Weeks or Months	DROP	Possible identifer--have contruct for number weeks to report job to SSA (C_MAINCURJOBREPSSA)
R5_C5BWEEK_1-_5[62]	Number Weeks Before Notified SSA	DROP	Have contruct for reporitng job to SSA (C_MAINCURJOBREPSSA)
R5_C5BMONTH_1-_5[62]	Number Months Before Notified SSA	DROP	Have contruct C_MAINCURJOBREPSSA
R5_C6_1-_5[62]	Self-employed at Current Job	DROP	Possible identifer and small cell size
R5_C7_2-_5[62]	Current Job Part of Sheltered Workshop	DROP	Possible identifer and small cell size
R5_C8_1-_5[62]	Hours per Week Usually Work at Current Job	DROP	Have imputed
R5_C8_1_I	Hours per Week Usually Work at Current Job , Imputed	DROP	Possible identifer for outliers. Have hours worked per week and month across all jobs constructs (C_TotCurWkHrs and C_TotCurHrMnth)
R5_C8_1_IFLAG	Hours per Week Usually Work at Current Job , Imputation Flag	DROP	IFLAG - No analytic value
R5_C9_1-_5[62]	Weeks per Year Usually Work at Current Job	DROP	Possible identifier for outliers.
R5_C10_2-_5[62]	Paid by Hour at Current Job	DROP	Possible identifier for outliers.
R5_C11_1-_5[62]	Regular Hourly Pay at Current Job	DROP	Possible identifier for outliers. Have hourly pay construct (C_MainCurJobHrPay)
R5_C12AMT_1-_5[62]	Amount Paid Before Taxes at Current Job	DROP	Possible identifier for outliers. Have hourly and monthly pay constructs (C_MainCurJobHrPay, C_MainCurJobMnthPay)
R5_C12HOP_1-_5[62]	How often Paid at Current Job	DROP	Possible identifier for outliers. Have hourly and monthly pay constructs

[62] Only provider numbers with data are included on the data file and codebook.

Variable	Label	File Status	Reasons for Drop/Replace
			(C_MainCurJobHrPay, C_MainCurJobMnthPay)
R5_C13AMT_1-_5[62]	Amount Take Home Pay at Current Job	DROP	Possible identifier for outliers. Have hourly and monthly pay constructs (C_MainCurJobMnthPayTH)
R5_C13HOP_1-_5[62]	How often Paid at Current Job	DROP	Possible identifier for outliers. Have hourly and monthly pay constructs (C_MainCurJobHrPayTH, C_MainCurJobMnthPayTH)
R5_C16_1	Recvd Promotion in Past 12 Months	DROP	Possible identifer and small cell size
R5_C20E_1	Employer Offers Childcare	DROP	Possible identifer and small cell size
R5_C20F_1	Employer Offers Transportation	DROP	Possible identifer and small cell size
R5_C20G_1	Employer Offers Long-Term Dis	DROP	Possible identifer and small cell size
R5_C20I_1	Employer Offers Flex Health Spending	DROP	Possible identifer and small cell size
R5_C23_1	Uses Brace to Help Work	DROP	Possible identifer and small cell size
R5_C23_2	Uses Cane/Crutches/Walker to Help Work	DROP	Possible identifer and small cell size
R5_C23_3	Uses Wheelchair to Help Work	DROP	Possible identifer and small cell size
R5_C23_4	Uses Modified Comp Hardware to Help Work	DROP	Possible identifer and small cell size
R5_C23_5	Uses Modified Comp Software to Help Work	DROP	Possible identifer and small cell size
R5_C23_6	Uses Other Equip to Help Work	DROP	Possible identifer and small cell size
R5_C23_7	Uses Hearing Aids to Help Work	DROP	Possible identifer and small cell size
R5_C23_8	Uses Glasses to Help Work	DROP	Possible identifer and small cell size
R5_C23_9	Uses Special Chair/Back Support	DROP	Possible identifer and small cell size
R5_C23_10	Uses Special Shoes/Support Stockings	DROP	Possible identifer and small cell size
R5_C24_1	SP Paid for Special Work Equip	DROP	Possible identifer and small cell size
R5_C24_2	Family Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_3	Health Insurance Paid for Special Work Equip	DROP	Possible identifer and small cell size
R5_C24_4	Medicare Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_5	Medicaid Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_6	Employer Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_7	State VR Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_8	Non Profit Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_9	Worker's Comp Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C24_10	Disability Insur Paid for Special Work Equip	DROP	Possible identifer and small cell size
R5_C24_11	Other Paid for Special Work Equipment	DROP	Possible identifer and small cell size
R5_C25	Family Pays Cost of Special Work Equip	DROP	Possible identifer and small cell size
R5_C28_1	Use Job Coach to Work	DROP	Possible identifer and small cell size
R5_C28_2	Use Sign Lang Interp to Work	DROP	Possible identifer and small cell size
R5_C28_3	Use Reader to Work	DROP	Possible identifer and small cell size
R5_C28_4	Use Personal Care Attend to Work	DROP	Possible identifer and small cell size
R5_C28_5	Use Other to Work	DROP	Possible identifer and small cell size
R5_C29_1	SP Paid for Personal Assistance	DROP	Possible identifer and small cell size

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Variable	Label	File Status	Reasons for Drop/Replace
R5_C29_2	Family Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_3	Health Insur Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_4	Medicare Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_5	Medicaid Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_6	Employer Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_7	State VR Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_8	Non-Profit Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_9	Worker's Comp Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_10	Disability Insur Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C29_11	Other Pays for Personal Assistance	DROP	Possible identifer and small cell size
R5_C30	Family Pays Personal Assistance Costs	DROP	Possible identifer and small cell size
R5_C33_A	Employer Provided Special Equipment	DROP	Possible identifer and small cell size
R5_C33_B	Employer Made Changes to Schedule	DROP	Possible identifer and small cell size
R5_C33_C	Employer Made Changes to Tasks	DROP	Possible identifer and small cell size
R5_C33_D	Employer Made Changes to Environment	DROP	Possible identifer and small cell size
R5_C33_E	Employer Arranged for Co-Workers to Assist	DROP	Possible identifer and small cell size
R5_C33_F	Employer Made Other changes	DROP	Possible identifer and small cell size
R5_C34	Changes Need But Not Made	DROP	Possible identifer and small cell size
R5_C35_A	Need Special Equipment at Current Workplace	DROP	Possible identifer and small cell size
R5_C35_B	Need Changes to Work Schedule at Current Workplace	DROP	Possible identifer and small cell size
R5_C35_C	Need Changes to Tasks at Current Workplace	DROP	Possible identifer and small cell size
R5_C35_D	Need Changes to Environment at Current Workplace	DROP	Possible identifer and small cell size
R5_C35_E	Need Co-Workers to Assist at Current Workplace	DROP	Possible identifer and small cell size
R5_C35_F	Need Other Changes at Current Workplace	DROP	Possible identifer and small cell size
R5_C37	Asked for Changes	DROP	Possible identifer and small cell size
R5_C39_2_1	Other State Disability Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_2	Workers' Compensation Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_3	Veterans' BenefitsReduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_4	Medicare Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_5	Medicaid Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_6	SSA Disability Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_7	Public Assistance or Welfare Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying

Variable	Label	File Status	Reasons for Drop/Replace
R5_C39_2_8	Food Stamps Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_9	Personal Assistance Services Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_10	Unemployment Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_11	Other State Disability Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_12	Other Government Programs Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_13	Other Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C39_2_14	Health Insurance Benefits Reduced or Ended b/c Currently Working	DROP	Small cell sizes; identifying
R5_C_MAINCURJOBSOC	Current Occupation, SOC Code (Job 1)	REPLACE	Possible identifer. Use broader occupation categories (C_MainCurJobSOC_PUB).
R5_C2_1_1D_I	C_MainCurJobSOC, Imputed to One Digit	DROP	Possible identifer. Use broader industry categories (C_MainCurJobNAICS_PUB)
R5_C2_1_1D_IFLAG	C_MainCurJobSOC, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_MAINCURJOBNAICS	Current Industry, NAICS Code (Job 1)	REPLACE	Possible identifer. Use C_MainCurJobNAICS_PUB.
R5_C_CURJOB2SOC	Current Occupation, SOC Code (Job 2)	DROP	Drop all job related information for jobs 2-4 due to few respondents.
R5_C_CURJOB2NAICS	Current Industry, NAICS Code (Job 2)	DROP	Drop all job related information for jobs 2-4 due to few respondents.
R5_C_CURJOB3SOC	Current Occupation, SOC Code (Job 3)	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_CURJOB3NAICS	Current Industry, NAICS Code (Job 3)	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_MAINCURJOBHRPAY	Hourly Pay Current Main Job (Pre-tax)	DROP	Have imputed
R5_C_MAINCURJOBHRPAY_I	Hourly Pay Current Main Job (Pre-tax), Imputed	DROP	Use hourly pay across all jobs instead
R5_C_MAINCURJOBHRPAY_IFLAG	Hourly Pay Current Main Job (Pre-tax), Imputation Flag	DROP	IFLAG - No analytic value
R5_C_CURJOB2HRPAY	Hourly Pay Current Job 2 (Pre-tax)	DROP	Use hourly pay across all jobs instead
R5_C_CURJOB3HRPAY	Hourly Pay Current Job 3 (Pre-tax)	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_MAINCURJOBMNTHPAY	Monthly Pay Current Main Job (Pre-tax)	DROP	Have imputed
R5_C_MAINCURJOBMNTHPAY_I	Monthly Pay Current Main Job (Pre-tax), Imputed	DROP	Use monthly pay across all jobs instead (C_TotCurMnthPay)
R5_C_MAINCURJOBMNTHPAY_IFLAG	Monthly Pay Current Main Job (Pre-tax), Imputation Flag	DROP	IFLAG - No analytic value
R5_C_CURJOB2MNTHPAY	Monthly Pay Current Job 2 (Pre-tax)	DROP	Use monthly pay across all jobs instead (C_TotCurMnthPay)
R5_C_CURJOB3MNTHPAY	Monthly Pay Current Job 3 (Pre-tax)	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_MAINCURJOBMNTHPAYTH	Monthly Pay Current Main Job (Take Home)	DROP	Use monthly pay across all jobs instead (C_TotCurMnthPay)
R5_C_CURJOB2MNTHPAYTH	Monthly Pay Current Job 2(Take Home)	DROP	Use monthly pay across all jobs instead (C_TotCurMnthPay)

Variable	Label	File Status	Reasons for Drop/Replace
R5_C_CURJOB3MNTHPAYTH	Monthly Pay Current Job 3 (Take Home)	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_TOTCURMNTHPAY	Total Monthly Salary all Current Jobs	DROP	Have imputed
R5_C_TOTCURMNTHPAY_LOW	Flag for Low Total Monthly Pay	DROP	Small cell size. Retained at R1/R2
R5_C_TOTCURMNTHPAY_HIGH	Flag for High Total Monthly Pay	DROP	Possible identifer and small cell sizes. Not needed since outliers top-coded
R5_C_TOTCURMNTHPAY_I	Total Monthly Salary all Current Jobs, Imputed	REPLACE	Possible identifer--use categories. Need to retain for now since is recoded.
R5_C_TOTCURMNTHPAY_IFLAG	Total Monthly Salary all Current Jobs, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_MNTHSMAINCURJOB	Months at Current Main Job	REPLACE	Possible identifer--use categories. Need to retain for now since is recoded.
R5_C_MNTHSCURJOB2	Months at Current Job 2	DROP	May drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_MNTHSCURJOB3	Months at Current Job 3	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_MAINCURJOBREPSSA	Weeks to Report Current Main Job to SSA	REPLACE	Small cells, need to top-code
R5_C_CURJOB2REPSSA	Weeks to Report Current Job 2 to SSA	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_CURJOB3REPSSA	Weeks to Report Current Job 3 to SSA	DROP	Drop all job related information for jobs 3-4 due to few respondents. Report on main job only.
R5_C_TOTCURWKHRS	Total Weekly Hours all Current Jobs	DROP	Have imputed
R5_C_TOTCURWKHRS_I	Total Weekly Hours all Current Jobs, Imputed	REPLACE	Possible identifer and small cells, need to top/bottom code or collapse into categories
R5_C_TOTCURWKHRS_IFLAG	Total Weekly Hours all Current Jobs, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_TOTCURHRMNTH	Total Hours per Month all Current Jobs	DROP	Have imputed
R5_C_TOTCURHRMNTH_I	Total Hours per Month all Current Jobs, Imputed	REPLACE	Possible identifer and small cells, need to top/bottom code or collapse into categories
R5_C_TOTCURHRMNTH_IFLAG	Total Hours per Month all Current Jobs, Imputation Flag	DROP	IFLAG - No analytic value
R5_D3	Number Jobs in 2014	DROP	Small cell sizes; possible identifier
R5_D6MTH_1-_5[62]	Month Started 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D6YR_1-_5[62]	Year Started 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D8MTH_1-_5[62]	Month Stopped 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D8YR_1-_5[62]	Year Stopped 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D14_1-_5[62]	Self-Employed at 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).

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Variable	Label	File Status	Reasons for Drop/Replace
R5_D15_1-_5[62]	2009 Job Part of Sheltered Workshop	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D16_1-_5[62]	Hours Usually Worked per Week at 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D17_1-_5[62]	Weeks Usually Worked at 2009 Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D18_1-_5[62]	Paid by the Hour in 2009	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D19_1-_5[62]	Hourly Pay in 2014	DROP	Use hourly pay for main job instead (C_MainJobMnthPay2014)
R5_D20AMT_1-_5[62]	Amount Paid Before Taxes in 2014	DROP	Use hourly pay for main job instead (C_MainJobMnthPay2014)
R5_D20HOP_1-_5[62]	How Often Paid in 2014	DROP	Use hourly pay for main job instead (C_MainJobMnthPay2014)
R5_D21AMT_1-_5[62]	Amount of Take Home Pay in 2014	DROP	Use take home pay for main job instead (C_MainJobMnthPayTH2014)
R5_D21HOP_1-_5[62]	How Often Paid in 2014	DROP	Use take home pay for main job instead (C_MainJobMnthPayTH2014)
R5_D23_1_1-_5[62]	Stopped Working b/c Layoff	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_2_1-_5[62]	Stopped Working b/c Fired	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_3_1-_5[62]	Stopped Working b/c Retired	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_4_1-_5[62]	Stopped Working b/c Job Ended	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_5_1-_5[62]	Stopped Working b/c Didn't Like Sup	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_6_1-_5[62]	Stopped Working b/c Didn't Like Duties	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_7_1-_5[62]	Stopped Working b/c Didn't Like Earnings	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_8_1-_5[62]	Stopped Working b/c Didn't Like Benefits	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_9_1-_5[62]	Stopped Working b/c Didn't Like Advan Op	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_10_1-_5[62]	Stopped Working b/c Didn't Like Location	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_11_1-_5[62]	Stopped Working b/c Didn't Get Accomod	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_12_1-_5[62]	Stopped Working b/c Transportation	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_13_1-_5[62]	Stopped Working b/c Went to School	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).

Variable	Label	File Status	Reasons for Drop/Replace
R5_D23_14_1-_5[62]	Stopped Working b/c Child Care Resp	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_15_1-_5[62]	Stopped Working b/c Family /Personal	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_16_1-_5[62]	Stopped Working b/c Disability Worse	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_17_1-_5[62]	Stopped Working b/c Became Disabled	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_18_1-_5[62]	Stopped Working b/c Other	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_19_1-_5[62]	Stopped Working b/c Moved to Another Area	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_20_1-_5[62]	Stopped Working b/c Found Another Job	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_21_1-_5[62]	Stopped Working b/c Loss of Benefits	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D23_22_1-_5[62]	Stopped Working b/c Work Schedule	DROP	Too few respondents. All job information for jobs 1-5 dropped. Main job retained (_m).
R5_D25_2_1	Private Disability Insurance Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_2	Workers' Compensation Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_3	Veterans Benefits Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_4	Medicare Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_5	Medicaid Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_6	SSA Disability Benefits Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_7	Public Assistance or Welfare Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_8	Food Stamps Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_9	Personal Assistance Services Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_11	Other State Disability Benefits Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_12	Other Government Programs Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_D25_2_13	Other Benefits Reduced or Ended b/c Working in 2014	DROP	Small cell sizes; identifying
R5_C_JOB_FROM_SECC_1	Current Job Copied to 2014 Job 1	DROP	No analytic value. Not needed since main job is identified.
R5_C_JOB_FROM_SECC_2	Current Job Copied to 2014 Job 2	DROP	No analytic value. Not needed since main job is identified.

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Variable	Label	File Status	Reasons for Drop/Replace
R5_C_JOB_FROM_SECC_3	Current Job Copied to 2014 Job 3	DROP	No analytic value. Not needed since main job is identified.
R5_C_JOB_FROM_SECC_4	Current Job Copied to 2014 Job 4	DROP	No analytic value. Not needed since main job is identified.
R5_C_TOTJOBCOPIED	Total Number of Jobs Copied from C to D	DROP	No analytic value
R5_MAIN_JOB_GRID_NUM	Job Number of 2014 Main Job	DROP	Retain to create _m job
R5_C_MAINJOB2014SOC	2014 Occupation, SOC Code (Main Job)	REPLACE	Possible identifer. Use categories (C_MainJob2014SOC_PUB)
R5_C_MAINJOB2014NAICS	2014 Industry, NAICS Code (Main Job)	REPLACE	Possible identifer. Use categories (C_MainJob2014NAICS)
R5_C_JOB12014SOC	2014 Occupation, SOC Code (Job 1)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB12014NAICS	2014 Industry, NAICS Code (Job 1)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB22014SOC	2014 Occupation, SOC Code (Job 2)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB22014NAICS	2014 Industry, NAICS Code (Job 2)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB32014SOC	2014 Occupation, SOC Code (Job 3)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB32014NAICS	2014 Industry, NAICS Code (Job 3)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB42014SOC	2014 Occupation, SOC Code (Job 4)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB42014NAICS	2014 Industry, NAICS Code (Job 4)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MAINJOBHRPAY2014	Hourly Pay Main 2014 Job (Pre-tax)	DROP	Possible identifer. Use C_TOTCURHRPAY
R5_C_JOB1HRPAY2014	Hourly Pay 2014 Job 1 (Pre-Tax)	DROP	Possible identifer. Use C_TOTCURHRPAY
R5_C_JOB2HRPAY2014	Hourly Pay 2014 Job 2 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB3HRPAY2014	Hourly Pay 2014 Job 3 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB4HRPAY2014	Hourly Pay 2014 Job 4 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MAINJOBMNTHPAY2014	Monthly Pay 2014 Main Job (Pre-tax)	REPLACE	Collapse categories or top/bottom code
R5_C_JOB1MNTHPAY2014	Monthly Pay 2014 Job 1 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB2MNTHPAY2014	Monthly Pay 2014 Job 2 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB3MNTHPAY2014	Monthly Pay 2014 Job 3 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB4MNTHPAY2014	Monthly Pay 2014 Job 4 (Pre-Tax)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MAINJOBMNTHPAYTH2014	Monthly Pay 2014 Main Job (Take Home)	DROP	Summarized across jobs in C_TOT2014PAY_PUB
R5_C_JOB1MNTHPAYTH2014	Monthly Pay 2014 Job 1 (Take Home)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB2MNTHPAYTH2014	Monthly Pay 2014 Job 2 (Take Home)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB3MNTHPAYTH2014	Monthly Pay 2014 Job 3 (Take Home)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_JOB4MNTHPAYTH2014	Monthly Pay 2014 Job 4 (Take Home)	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MNTHSJOB12014	Months at 2014 Job 1	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MNTHSJOB22014	Months at 2014 Job 2	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_MNTHSJOB32014	Months at 2014 Job 3	DROP	Drop information for jobs 1-5. Use _m instead.

Variable	Label	File Status	Reasons for Drop/Replace
R5_C_MNTHSJOB42014	Months at 2014 Job 4	DROP	Drop information for jobs 1-5. Use _m instead.
R5_C_TOT2014PAY	Total Annual Pay in 2014 (Pre-Tax) (public)	REPLACE	Possible identifer. Use C_TOT2014PAY_PUB
R5_C_TOTHRS2014	Total Hours Worked in 2014	REPLACE	Possible identifer. Use C_TOTHRS2014_PUB
R5_C_USWKHR2014	Usual Weekly Hours in 2014	REPLACE	Possible identifer. Use C_USWKHR2014_PUB
R5_G2_1_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_2_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_3_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_4_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_5_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_6_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_7_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_8_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_9_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G2_10_PROVIDER	Specify Where Recvd Employment Services	DROP	Identifying information (EN names)
R5_G7_1-_10[62]	Provider Employ Services State or Priv Agency	DROP	Have constructs identifying provider type
R5_G9_1-_10[62]	Provider Employ Services, Kind of State Agency	DROP	Have constructs identifying provider type
R5_G11_1_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_2_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_3_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_4_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_5_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_6_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_7_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G11_8_PROVIDER	Specify Where Recvd Job Training	DROP	Identifying information (EN names)
R5_G12_1	First Provider in G11 Already on List	DROP	Survey administration variable
R5_G12_2	Second Provider in G11 Already on List	DROP	Survey administration variable
R5_G12_3	Third Provider in G11 Already on List	DROP	Survey administration variable
R5_G12_4	Fourth Provider in G11 Already on List	DROP	Survey administration variable
R5_G12_5	Fifth Provider in G11 Already on List	DROP	Survey administration variable
R5_G13_1-_5[62]	Provider Job Training State or Priv Agency	DROP	Have constructs identifying provider type
R5_G14_1-_3[62]	Provider Job Training, Kind of State Agency	DROP	Have constructs identifying provider type
R5_G16_1_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)

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Variable	Label	File Status	Reasons for Drop/Replace
R5_G16_2_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_3_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_4_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_5_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_6_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_7_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G16_8_PROVIDER	Specify Place Recvd Medical Services	DROP	Identifying information (EN names)
R5_G17_1	First Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_2	Second Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_3	Third Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_4	Fourth Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_5	Fifth Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_6	Sixth Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_7	Seventh Provider in G16 Already on List	DROP	Survey administration variable
R5_G17_8	Eighth Provider in G16 Already on List	DROP	Survey administration variable
R5_G18_1-_8[62]	Provider Medical Services, Kind of Place	DROP	Have constructs identifying provider type
R5_G20_1_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_2_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_3_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_4_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_5_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_6_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_7_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G20_8_PROVIDER	Specify Place Recvd Mental Health Services	DROP	Identifying information (EN names)
R5_G21_1	First Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_2	Second Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_3	Third Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_4	Fourth Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_5	Fifth Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_6	Sixth Provider in G20 Already on List	DROP	Survey administration variable

[62] Only provider numbers with data are included on the data file and codebook.

Variable	Label	File Status	Reasons for Drop/Replace
R5_G21_7	Seventh Provider in G20 Already on List	DROP	Survey administration variable
R5_G21_8	Eighth Provider in G20 Already on List	DROP	Survey administration variable
R5_G22_1-_8[62]	Provider Mental Health Services, Kind of Place	DROP	Have constructs identifying provider type
R5_G24_1_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_2_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_3_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_4_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_5_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_6_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_7_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G24_8_PROVIDER	Specify Where Enrolled in School	DROP	Identifying information (EN names)
R5_G25_1	First Provider in G24 Already on List	DROP	Survey administration variable
R5_G25_2	Second Provider in G24 Already on List	DROP	Survey administration variable
R5_G25_3	Third Provider in G24 Already on List	DROP	Survey administration variable
R5_G25_4	Fourth Provider in G24 Already on List	DROP	Survey administration variable
R5_G25_5	Fifth Provider in G24 Already on List	DROP	Survey administration variable
R5_G27	Working Towards Degree/Cert or Taking Classes	DROP	Possible identifer and few respondents
R5_G28	Type of Degree Working Towards	DROP	Possible identifer and few respondents
R5_G_DEL_1-_34[62]	Provider 1-34 Deleted b/c Duplicate	DROP	Survey administration variable
R5_G32PROVIDERNAME_1-_34[62]	Provider 1-34 after De-dup (G32)	DROP	Identifying information (EN names)
R5_G33_1-_34[62]	Last Recvd Services in 2014, 2014, or Before	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G34_1-_34[62]	When Last Recvd Services	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G35_1-_34[62]	Recvd Services From Provider in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_A_1-_34[62]	Recvd Physical Therapy in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_B_1-_34[62]	Recvd Occupational Therapy in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_C_1-_34[62]	Recvd Speech Therapy in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_D_1-_34[62]	Recvd Medical Procedure in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_E_1-_34[62]	Recvd Special Equipment in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_F_1-_34[62]	Recvd Counseling in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_G_1-_34[62]	Recvd Group Therapy in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_H_1-_34[62]	Recvd Work Assessment in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_I_1-_34[62]	Recvd Help Finding Job in 2014	DROP	Have constructs to simplify this section and replace provider grid variables

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Variable	Label	File Status	Reasons for Drop/Replace
R5_G36_J_1-_34[62]	Recvd Job Training in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_K_1-_34[62]	Recvd Advice About Modifying Job in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_L_1-_34[62]	Recvd On-the-Job-Training in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_M_1-_34[62]	Recvd Anything Else in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_N_1-_34[62]	Recvd Scholarship/grants/loans in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G36_O_1-_34[62]	Recvd Prescription Svcs/Medication in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G37_1-_34[62]	Times per Week, Month, or Total Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G37_T2014_1-_34[62]	Total Times Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G37_TWEEK_1-_34[62]	Times per Week Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G37_TMONTH_1-_34[62]	Times per Month Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G38_WEEK_1-_34[62]	Number of Weeks Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G38_MONTH_1-_34[62]	Number of Months Recvd Services in 2014	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G39_1-_34[62]	Length of Each Session Minutes, Hours, or Days	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G39_MIN_1-_34[62]	Minutes Session Lasted	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G39_HR_1-_34[62]	Hours Session Lasted	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G39_DAY_1-_34[62]	Days Session Lasted	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G40_1-_34[62]	Usefulness of Services Provided	DROP	Have constructs to simplify this section and replace provider grid variables
R5_G40_1_A_1-_34[62]	Reason Services not useful : had not recvd all	DROP	Possible identifer and few respondents
R5_G40_1_B_1-_34[62]	Reason Services not useful : not recvd enough	DROP	Possible identifer and few respondents
R5_G40_1_C_1-_34[62]	Reason Services not useful : did not fit needs	DROP	Possible identifer and few respondents
R5_G40_1_D_1-_34[62]	Reason Services not useful : personal reason	DROP	Possible identifer and few respondents
R5_G40_1_E_1-_34[62]	Reason Services not useful : poor quality	DROP	Possible identifer and few respondents
R5_G40_1_F_1-_34[62]	Reason Services not useful : Other	DROP	
R5_G55_1	Parent Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_2	Spouse Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_3	Family Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_4	Friend Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_5	Employer Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_6	EN Staff Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_7	VR Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_8	Job Coach Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_9	SSA Letter Pressured to Use Services	DROP	Possible identifer and few respondents

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Variable	Label	File Status	Reasons for Drop/Replace
R5_G55_10	SSA Staff Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_11	Benefits Specialist Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_12	Other Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_13	Health Care Provider Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G55_14	Court/Police Pressured to Use Services	DROP	Possible identifer and few respondents
R5_G56_1	Pressured by Saying Would Lose Benefits	DROP	Possible identifer and few respondents
R5_G56_2	Pressured by Not Taking No	DROP	Possible identifer and few respondents
R5_G56_3	Pressured by Threat to Withhold Services	DROP	Possible identifer and few respondents
R5_G56_4	Pressured by Threat to Take Other Support	DROP	Possible identifer and few respondents
R5_G56_5	Pressured in Other Ways	DROP	Possible identifer and few respondents
R5_G56_6	Threatened hospitalization or jail	DROP	Possible identifer and few respondents
R5_C_NUMPROV2014	Number Providers Used in 2014	REPLACE	Possible identifer and few respondents Use R5_C_NUMPROV2014_PUB
R5_C_NUMPROVEVUSED	Number Providers Ever Used	REPLACE	Possible identifer and few respondents Use R5_C_NUMPROVEVUSED_PUB
R5_C_TOTSERHR2014	Total number of hours of services used in 2014	DROP	Little analytic value.
R5_C_PROVTYPE2014_1-_34[62]	2014 Provider 1-34 Type	DROP	Small cell size, identifying information. Use recodes
R5_C_PHYTH2014_1-_34[62]	Recvd Physical Therapyin 2014	DROP	Retain to create recode.
R5_C_OCCTH2014_1-_34[62]	Recvd Occupational Therapyin 2014	DROP	Retain to create construct
R5_C_SPCHTH2014_1-_34[62]	Recvd Speech Therapyin 2014	DROP	Retain to create construct
R5_C_EQUIP2014_1-_34[62]	Recvd Special Equipmentin 2014	DROP	Retain to create construct
R5_C_COUN2014_1-_34[62]	Recvd Counselingin 2014	DROP	Retain to create construct
R5_C_GRPTH2014_1-_34[62]	Recvd Group Therapyin 2014	DROP	Retain to create construct
R5_C_WRKAS2014_1-_34[62]	Recvd Work Assessmentin 2014	DROP	Retain to create construct
R5_C_FNDJOB2014_1-_34[62]	Recvd Help Finding Jobin 2014	DROP	Retain to create construct
R5_C_JOBTRN2014_1-_34[62]	Recvd Job Trainingin 2014	DROP	Retain to create construct
R5_C_JOBMD2014_1-_34[62]	Recvd Advice for Modifying Jobin 2014	DROP	Retain to create construct
R5_C_JOBCCH2014_1-_34[62]	Recvd Job Coachingin 2014	DROP	Retain to create construct
R5_C_OTHR2014_1-_34[62]	Recvd Other Service in 2014	DROP	Retain to create construct
R5_C_DURPROVVISIT_1-_34[62]	Duration 2014 Provider Visit in Hours	DROP	Possible identifer. Retain for recode.
R5_C_NUMPROVCONT_1-_34[62]	Number Provider Contacts per Year in 2014	DROP	Retain to create construct
R5_C_PROVUSE2014_1-_34[62]	Usefulness of Provider 1 Services	DROP	Retain to create construct
R5_C_MED2014_1-_34[62]	Recvd Medical Procedurein 2014	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_01_1	Number Provider Contacts per Year in 2014 (Type=SVR, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_03_1	Number Provider Contacts per Year in 2014 (Type=Mental Health, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_04_1	Number Provider Contacts per Year in 2014 (Type=Other, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_05_1	Number Provider Contacts per Year in 2014 (Type=Private, first provider)	DROP	Possible identifer and few respondents

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Variable	Label	File Status	Reasons for Drop/Replace
R5_C_NUMPROVCONT_07_1	Number Provider Contacts per Year in 2014 (Type=School, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_10_1	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_10_2	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, second provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_10_3	Number Provider Contacts per Year in 2014 (Type=Clinic/Hosp/MD, third provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_11_1	Number Provider Contacts per Year in 2014 (Type=Rehab, first provider)	DROP	Possible identifer and few respondents
R5_C_NUMPROVCONT_12_1	Number Provider Contacts per Year in 2014 (Type=Other Medical, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_01_1	Duration 2014 Provider Visit in Hours (Type=SVR, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_03_1	Duration 2014 Provider Visit in Hours (Type=Mental Health, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_04_1	Duration 2014 Provider Visit in Hours (Type=Other, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_05_1	Duration 2014 Provider Visit in Hours (Type=Private, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_07_1	Duration 2014 Provider Visit in Hours (Type=School, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_10_1	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_10_2	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, second provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_10_3	Duration 2014 Provider Visit in Hours (Type=Clinic/Hosp/MD, third provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_11_1	Duration 2014 Provider Visit in Hours (Type=Rehab, first provider)	DROP	Possible identifer and few respondents
R5_C_DURPROVVISIT_12_1	Duration 2014 Provider Visit in Hours (Type=Other Medical, first provider)	DROP	Possible identifer and few respondents
R5_I1	Health During Past 4 Weeks	DROP	Have imputed
R5_I1_IFLAG	Health During Past 4 Weeks, Imputation Flag	DROP	IFLAG - No analytic value
R5_I9	Rate Health in General Now	DROP	Imputed version on file
R5_I9_IFLAG	Rate Health in General Now, Imputation Flag	DROP	Little analytic value
R5_I17B	Difficulty Seeing with Glasses / Contact Lenses	DROP	Imputed version on file
R5_I17B_IFLAG	Difficulty Seeing with Glasses / Contact Lenses, Imputation Flag	DROP	Little analytic value
R5_I19	Use Special Equip b/c of Diff Seeing	DROP	Imputed version on file
R5_I19_IFLAG	Use Special Equip b/c of Diff Seeing, Imputation Flag	DROP	Little analytic value
R5_I20_1	Use Telescopic Lenses b/c of Diff Seeing	DROP	Possible identifer and few respondents

Variable	Label	File Status	Reasons for Drop/Replace
R5_I20_2	Use Adapted Comp Equip b/c of Diff Seeing	DROP	Possible identifer and few respondents
R5_I20_3	Use Braille b/c of Diff Seeing	DROP	Possible identifer and few respondents
R5_I20_4	Use Readers b/c of Diff Seeing	DROP	Possible identifer and few respondents
R5_I20_5	Use Guide Dog b/c of Diff Seeing	DROP	Possible identifer and few respondents
R5_I20_6	Use White Cane b/c of Diff Seeing	DROP	Possible identifer and few respondents
R5_I20_7	Use Other Seeing Assistance	DROP	Possible identifer and few respondents
R5_I20_8	Magnifying Glasses	DROP	Possible identifer and few respondents
R5_I20_9	Screen Readers	DROP	Possible identifer and few respondents
R5_I20_10	Test-to-voice Devices	DROP	Possible identifer and few respondents
R5_I21	Difficulty Hearing	DROP	Imputed version on file
R5_I21_IFLAG	Difficulty Hearing, Imputation Flag	DROP	Little analytic value
R5_I22	Able to Hear Normal Conversation	DROP	Imputed version on file
R5_I22_IFLAG	Able to Hear Normal Conversation, Imputation Flag	DROP	Little analytic value
R5_I23	Use Special Devices b/c of Diff Hearing	DROP	Imputed version on file
R5_I23_IFLAG	Use Special Devices b/c of Diff Hearing, Imputation Flag	DROP	Little analytic value
R5_I24_1	Use Hearing Aide b/c of Diff Hearing	DROP	Possible identifer and few respondents
R5_I24_2	Use Phone Amplifier b/c of Diff Hearing	DROP	Possible identifer and few respondents
R5_I24_3	Use TDD b/c of Diff Hearing	DROP	Possible identifer and few respondents
R5_I24_4	Use TYY b/c of Diff Hearing	DROP	Possible identifer and few respondents
R5_I24_5	Use Closed Caption b/c of Diff Hearing	DROP	Possible identifer and few respondents
R5_I24_6	Use Assistive Listening Device	DROP	Possible identifer and few respondents
R5_I24_7	Use Interpreter	DROP	Possible identifer and few respondents
R5_I24_8	Use other Hearing Assistance	DROP	Possible identifer and few respondents
R5_I24_9	Use Instant Messaging	DROP	Possible identifer and few respondents
R5_I24_10	Use Skype/Video Messaging	DROP	Possible identifer and few respondents
R5_I25	Difficulty Having Speech Understood	DROP	Imputed version on file
R5_I25_IFLAG	Difficulty Having Speech Understood, Imputation Flag	DROP	Little analytic value
R5_I26	Able to Have Speech Understood At All	DROP	Imputed version on file
R5_I26_IFLAG	Able to Have Speech Understood At All, Imputation Flag	DROP	Little analytic value
R5_I27	Use Devices b/c of Difficulty Speaking	DROP	Imputed version on file
R5_I27_IFLAG	Use Devices b/c of Difficulty Speaking, Imputation Flag	DROP	Little analytic value
R5_I28_1	Use Voice Synthesizer b/c of Diff Speaking	DROP	Possible identifer and few respondents
R5_I28_2	Use Voice Amplifier b/c of Diff Speaking	DROP	Possible identifer and few respondents
R5_I28_3	Use Sign Lang Interp b/c of Diff Speaking	DROP	Possible identifer and few respondents
R5_I28_4	Use Other Speech Assistance	DROP	Possible identifer and few respondents
R5_I29	Diff Walking Without Assistance	DROP	Imputed version on file
R5_I29_IFLAG	Diff Walking Without Assistance, Imputation Flag	DROP	Little analytic value
R5_I30	Able to Walk Quarter Mile At All	DROP	Imputed version on file
R5_I30_IFLAG	Able to Walk Quarter Mile At All, Imputation Flag	DROP	Little analytic value
R5_I31	Use Special Equip b/c of Diff Walking	DROP	Imputed version on file
R5_I31_IFLAG	Use Special Equip b/c of Diff Walking, Imputation Flag	DROP	Little analytic value

Variable	Label	File Status	Reasons for Drop/Replace
R5_I32_3	Use Prosthetic Device b/c of Diff Walking	DROP	Possible identifer and few respondents
R5_I32_4	Use Special Chair b/c of Diff Walking	DROP	Possible identifer and few respondents
R5_I32_5	Use Pers Care Attendant b/c of Diff Walking	DROP	Possible identifer and few respondents
R5_I32_6	Use Vehicle Hand Control b/c of Diff Walking	DROP	Possible identifer and few respondents
R5_I32_7	Use Lift b/c of Diff Walking	DROP	Possible identifer and few respondents
R5_I32_8	Use Other Mobility Assistance	DROP	Possible identifer and few respondents
R5_I32_9	Use Special Shoes/Inserts b/c of Difficulty Walking	DROP	Possible identifer and few respondents
R5_I32_10	Use Breathing Devices b/c of Difficulty Walking	DROP	Possible identifer and few respondents
R5_I34	Able to Climb 10 Steps At All	DROP	Imputed version on file
R5_I34_IFLAG	Able to Climb 10 Steps At All, Imputation Flag	DROP	Little analytic value
R5_I35	Difficulty Lifting and Carrying 10 lbs	DROP	Imputed version on file
R5_I35_IFLAG	Difficulty Lifting and Carrying 10 lbs, Imputation Flag	DROP	Little analytic value
R5_I36	Able to Lift or Carry 10 lbs At All	DROP	Imputed version on file
R5_I36_IFLAG	Able to Lift or Carry 10 lbs At All, Imputation Flag	DROP	Little analytic value
R5_I37	Difficulty Using Hands or Fingers	DROP	Imputed version on file
R5_I37_IFLAG	Difficulty Using Hands or Fingers, Imputation Flag	DROP	Little analytic value
R5_I38	Able to Use Hands or Fingers At All	DROP	Imputed version on file
R5_I38_IFLAG	Able to Use Hands or Fingers At All, Imputation Flag	DROP	Little analytic value
R5_I39	Difficulty Reaching Over Head	DROP	Imputed version on file
R5_I39_IFLAG	Difficulty Reaching Over Head, Imputation Flag	DROP	Little analytic value
R5_I40	Able to Reach Over Head At All	DROP	Imputed version on file
R5_I40_IFLAG	Able to Reach Over Head At All, Imputation Flag	DROP	Little analytic value
R5_I41	Difficulty Standing	DROP	Imputed version on file
R5_I41_IFLAG	Difficulty Standing, Imputation Flag	DROP	Little analytic value
R5_I42	Able to Stand At All	DROP	Imputed version on file
R5_I42_IFLAG	Able to Stand At All, Imputation Flag	DROP	Little analytic value
R5_I43	Difficulty Stooping	DROP	Imputed version on file
R5_I43_IFLAG	Difficulty Stooping, Imputation Flag	DROP	Little analytic value
R5_I44	Able to Stoop At All	DROP	Imputed version on file
R5_I44_IFLAG	Able to Stoop At All, Imputation Flag	DROP	Little analytic value
R5_I45	Difficulty Getting Around Inside Home	DROP	Imputed version on file
R5_I45_IFLAG	Difficulty Getting Around Inside Home, Imputation Flag	DROP	Little analytic value
R5_I46	Need Help To Get Around Inside Home	DROP	Imputed version on file
R5_I46_IFLAG	Need Help To Get Around Inside Home, Imputation Flag	DROP	Little analytic value
R5_I47	Difficulty Getting Around Outside Home	DROP	Imputed version on file
R5_I47_IFLAG	Difficulty Getting Around Outside Home, Imputation Flag	DROP	Little analytic value
R5_I48	Need Help To Get Around Outside Home	DROP	Imputed version on file

Variable	Label	File Status	Reasons for Drop/Replace
R5_I48_IFLAG	Need Help To Get Around Outside Home, Imputation Flag	DROP	Little analytic value
R5_I49	Difficulty Getting Into/Out of Bed	DROP	Imputed version on file
R5_I49_IFLAG	Difficulty Getting Into/Out of Bed, Imputation Flag	DROP	Little analytic value
R5_I50	Need Help Getting Into/Out of Bed	DROP	Imputed version on file
R5_I50_IFLAG	Need Help Getting Into/Out of Bed, Imputation Flag	DROP	Little analytic value
R5_I51	Difficulty Bathing or Dressing	DROP	Imputed version on file
R5_I51_IFLAG	Difficulty Bathing or Dressing, Imputation Flag	DROP	Little analytic value
R5_I52	Need Help To Bathe or Dress	DROP	Imputed version on file
R5_I52_IFLAG	Need Help To Bath or Dress, Imputation Flag	DROP	Little analytic value
R5_I53	Difficulty Shopping	DROP	Imputed version on file
R5_I53_IFLAG	Difficulty Shopping, Imputation Flag	DROP	Little analytic value
R5_I54	Need Help To Shop	DROP	Imputed version on file
R5_I54_IFLAG	Need Help to Shop, Imputation Flag	DROP	Little analytic value
R5_I55	Difficulty Preparing Own Meals	DROP	Imputed version on file
R5_I55_IFLAG	Difficulty Preparing Own Meals, Imputation Flag	DROP	Little analytic value
R5_I56	Need Help To Prepare Meals	DROP	Imputed version on file
R5_I56_IFLAG	Need Help to Prepare Meals, Imputation Flag	DROP	Little analytic value
R5_I57	Difficulty Eating	DROP	Imputed version on file
R5_I57_IFLAG	Difficulty Eating, Imputation Flag	DROP	Little analytic value
R5_I58	Need Help To Eat	DROP	Imputed version on file
R5_I58_IFLAG	Need Help To Eat, Imputation Flag	DROP	Little analytic value
R5_I59	Trouble Concentrating	DROP	Imputed version on file
R5_I59_IFLAG	Trouble Concentrating, Imputation Flag	DROP	Little analytic value
R5_I60	Trouble Coping with Stress	DROP	Imputed version on file
R5_I60_IFLAG	Trouble Coping with Stress, Imputation Flag	DROP	Little analytic value
R5_I61	Trouble getting Along With People	DROP	Imputed version on file
R5_I61_IFLAG	Trouble getting Along With People, Imputation Flag	DROP	Little analytic value
R5_I62	Felt Need to Cut Down on Drinking	DROP	Summarized in construct C_CAGEALCOHOL
R5_I63	Ever Annoyed by People Criticizing Drinking	DROP	Summarized in construct C_CAGEALCOHOL
R5_I64	Ever Felt Bad or Guilty About Drinking	DROP	Summarized in construct C_CAGEALCOHOL
R5_I65	Ever Had Drink in Morning	DROP	Summarized in construct C_CAGEALCOHOL
R5_I66	Doctor Advised to Stop Using Alcohol	DROP	Summarized in construct C_CAGEALCOHOL
R5_I67	Recvd Treatment for Alcohol	DROP	Summarized in construct C_CAGEALCOHOL
R5_I72	Ever Used Drugs in Larger Amts than Prescribed	DROP	Imputed version on file
R5_I72_I	Ever Used Drugs in Larger Amts than Prescribed, Imputed	DROP	Summarized in construct C_DRUGDEP
R5_I72_IFLAG	Ever Used Drugs in Larger Amts than Prescribed, Imputation Flag	DROP	Little analytic value
R5_I73	Needed Larger Amts To Get Effect	DROP	Summarized in construct C_DRUGDEP
R5_I74	Have Emot/Phy Probs From Drugs	DROP	Summarized in construct C_DRUGDEP

Variable	Label	File Status	Reasons for Drop/Replace
R5_I75	Doctor Advised to Stop Using Non Prescrip Drugs	DROP	Summarized in construct C_DRUGDEP
R5_I76	Rec'd Treatment for Use of Non Prescrip Drugs	DROP	Summarized in construct C_DRUGDEP
R5_C_EQUIPFUNCLIM	Uses Equip/Device for Functional/Sensory Limitation	DROP	Imputed version on file
R5_C_EQUIPFUNCLIM_IFLAG	Uses Equip/Device for Functional/Sensory Limitation, Imputation Flag	DROP	Little analytic value
R5_C_NUMSENLIM	Number Sensory Limitations	DROP	Imputed version on file
R5_C_NUMSENLIM_I	Number Sensory Limitations, Imputed	DROP	Dropped at R1/R2
R5_C_NUMSENLIM_IFLAG	Number Sensory Limitations, Imputation Flag	DROP	Little analytic value
R5_C_NUMSEVSENLIM	Number Severe Sensory Limitations	DROP	Imputed version on file
R5_C_NUMSEVSENLIM_I	Number Severe Sensory Limitations, Imputed	DROP	Small cell sizes. Identifying information
R5_C_NUMSEVSENLIM_IFLAG	Number Severe Sensory Limitations, Imputation Flag	DROP	Little analytic value
R5_C_NUMPHYLIM	Number Physical Functional Limitations	DROP	Imputed version on file
R5_C_NUMPHYLIM_I	Number Physical Functional Limitations, Imputed	DROP	Dropped at R1/R2
R5_C_NUMPHYLIM_IFLAG	Number Physical Functional Limitations, Imputation Flag	DROP	Little analytic value
R5_C_NUMSEVPHYLIM	Number Severe Physical Functional Limitations	DROP	Imputed version on file
R5_C_NUMSEVPHYLIM_I	Number Severe Physical Functional Limitations, Imputed	DROP	Small cell sizes. Identifying information
R5_C_NUMSEVPHYLIM_IFLAG	Number Severe Physical Functional Limitations, Imputation Flag	DROP	Little analytic value
R5_C_NUMEMOTLIM	Number Emotional/Social Limitations	DROP	Imputed version on file
R5_C_NUMEMOTLIM_I	Number Emotional/Social Limitations, Imputed	DROP	Dropped at R1/R2
R5_C_NUMEMOTLIM_IFLAG	Number Emotional/Social Limitations, Imputation Flag	DROP	Little analytic value
R5_C_NUMADLS	Number ADLs	DROP	Imputed version on file
R5_C_NUMADLS_I	Number ADLs, Imputed	DROP	Small cell sizes. Identifying information
R5_C_NUMADLS_IFLAG	Number ADLs, Imputation Flag	DROP	Little analytic value
R5_C_NUMADLASSIST	Number ADLs Requiring Assistance	DROP	Imputed version on file
R5_C_NUMADLASSIST_I	Number ADLs Requiring Assistance, Imputed	DROP	Small cell sizes. Identifying information
R5_C_NUMADLASSIST_IFLAG	Number ADLs Requiring Assistance, Imputation Flag	DROP	Little analytic value
R5_C_NUMIADLS	Number of IADL difficulties	DROP	Imputed version on file
R5_C_NUMIADLS_I	Number of IADL difficulties, Imputed	DROP	Dropped at R1/R2
R5_C_NUMIADLS_IFLAG	Number of IADL difficulties, Imputation Flag	DROP	Little analytic value
R5_C_NUMIADLASSIST	Number IADLs Requiring Assistance	DROP	Imputed version on file
R5_C_NUMIADLASSIST_I	Number IADLs Requiring Assistance, Imputed	DROP	Dropped at R1/R2
R5_C_NUMIADLASSIST_IFLAG	Number IADLs Requiring Assistance, Imputation Flag	DROP	Little analytic value
R5_C_SF8GH	SF8 General Health	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)

Variable	Label	File Status	Reasons for Drop/Replace
R5_C_SF8PF	SF8 Physical Functioning	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8RP	SF8 Role Physical	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8BP	SF8 Bodily Pain	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8VT	SF8 Vitality	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8SF	SF8 Social Functioning	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8MH	SF8 Mental Health	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_SF8RE	SF8 Role Emotional	DROP	Summarized in constructs (C_PCS8TOT_I and C_MCS8TOT_I)
R5_C_PCSGH	PCS-8 General Health Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSPF	PCS-8 Physical Functioning Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSRP	PCS-8 Role Physical Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSBP	PCS-8 Bodily Pain Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSVT	PCS-8 Vitality Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSSF	PCS-8 Social Functioning Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSMH	PCS-8 Mental Health Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCSRE	PCS-8 Role Emotional Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSGH	MCS-8 General Health Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSPF	MCS-8 Physical Functioning Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSRP	MCS-8 Role Physical Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSBP	MCS-8 Bodily Pain Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSVT	MCS-8 Vitality Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSSF	MCS-8 Social Functioning Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSMH	MCS-8 Mental Health Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_MCSRE	MCS-8 Role Emotional Weight	DROP	No analytic value. Calculated only to create summary score
R5_C_PCS8TOT	SF8 Physical Summary Score	DROP	Imputed version on file
R5_C_PCS8TOT_IFLAG	SF8 Physical Summary Score, Imputation Flag	DROP	Little analytic value
R5_C_MCS8TOT	SF8 Mental Summary Score	DROP	Imputed version on file
R5_C_MCS8TOT_IFLAG	SF8 Mental Summary Score, Imputation Flag	DROP	Little analytic value
R5_C_CAGEALCOHOL	CAGE Alcohol Score	DROP	Imputed version on file
R5_CAGESCORE_INDICATOR_IFLAG	CAGE Alcohol Score, Imputation Flag	DROP	Little analytic value
R5_C_DRUGDEP	Drug Dependence	DROP	Imputed version on file
R5_C_DRUGDEP_I	Drug Dependence, Imputed	DROP	Small cell sizes. Identifying information
R5_C_DRUGDEP_IFLAG	Drug Dependence, Imputation Flag	DROP	Little analytic value
R5_J1	Currently Covered by Medicare	DROP	Summarized in construct C_CURMEDICARE

Variable	Label	File Status	Reasons for Drop/Replace
R5_J2	Currently Covered by Medicaid	DROP	Summarized in construct C_CURMEDICAID
R5_J4	Currently Covered by Military Health Care	DROP	Summarized in construct C_CURMILINSUR
R5_J5	Currently Covered by Private Health Insurance	DROP	Summarized in constructs C_CURPRIVEMP, C_CURPRIVSP, C_CURPRIVSELF
R5_J6	Source of Private Health Insurance	DROP	Summarized inconstructs C_CURPRIVEMP, C_CURPRIVSP, C_CURPRIVSELF
R5_J9_1	Currently Have Medicaid	DROP	Summarized inconstruct C_CURMEDICAID
R5_J9_2	Currently Have Medicare	DROP	Summarized inconstruct C_CURMEDICARE
R5_J9_3	Currently Have Champus	DROP	Summarized in construct C_CURMILINSUR
R5_J9_4	Currently Have Indian Health Service	DROP	Summarized in construct C_CURINDINSUR
R5_J9_5	Currently Have Medi-Gap	DROP	Summarized in construct C_CURMEDIGAP
R5_J9_6	Currently Have State Program Health Insur	DROP	Summarized in construct C_CURSTASSIST
R5_J9_7	Currently Have Private Insur Thru Employer	DROP	Summarized in construct C_CURPRIVEMP
R5_J9_8	Currently Have Private Insur Thru Spouse/Partner/Parent	DROP	Summarized in construct C_CURPRIVSP
R5_J9_9	Currently Have Insurance Paid by SP/Family	DROP	Summarized in construct C_CURPRIVSELF
R5_J9_10	Currently Have Other Health Coverage	DROP	Summarized in construct C_CUROTHERINSUR
R5_J11_3	Had Champus in 2014	REPLACE	Possible identifer. Grouped with J11_10
R5_J11_4	Had Indian Health Service in 2014	REPLACE	Possible identifer. Grouped with J11_10
R5_J11_5	Had Medi-Gap in 2014	REPLACE	Possible identifer. Grouped with J11_10
R5_J11_6	Had State Program Health Insur in 2014	REPLACE	Possible identifer. Grouped with J11_10
R5_J11_10	Had Other Health Coverage in 2014	DROP	Possible identifer. Use J11_10
R5_J11_11	Private Insurance, Not specified who through	DROP	Possible identifer and few respondents
R5_C_CURINDINSUR	Currently Covered by Indian Health	DROP	Possible identifer and few respondents
R5_C_CURMEDIGAP	Currently Covered by Medigap	DROP	Possible identifer and few respondents
R5_C_CURSTASSIST	Currently Covered by State Assistance	DROP	Possible identifer and few respondents
R5_K2A	Worked Last Month	DROP	Possible identifer and few respondents
R5_K3	Earnings Last Month Before Taxes	DROP	Summarized in construct (C_LSTMNTHPAY)
R5_K3A	Earnings Last Month After Taxes	DROP	Summarized in construct (C_LSTMNTHPAY)
R5_K4	Recvd Inc From Social Security Last Month	DROP	Possible identifer. Use C_INCSOURCE7_PUB
R5_K6_A	Recvd Inc From Private Dis Insur Last Month	DROP	Possible identifer. Use C_INCSOURCE1_PUB
R5_K6_B	Recvd Inc From Worker's Comp Last Month	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_K6_C	Recvd Inc From Veteran's Benefits Last Month	DROP	Possible identifer. Use C_INCSOURCE2_PUB
R5_K6_D	Recvd Inc From Public Assistance Last Month	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB

Variable	Label	File Status	Reasons for Drop/Replace
R5_K6_E	Recvd Inc From Unemploy benefits Last Month	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_K6_F	Recvd Inc From Private Pensions Last Month	DROP	Possible identifer. Use C_INCSROUCE3_PUB
R5_K6_G	Recvd Other Inc on Reg Basis Last Month	DROP	Possible identifer. Use C_INCSOURCE4_PUB
R5_K6_H	Recvd Inc Not on Reg Basis Last Month	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_K7_A	Amount Recvd From Priv Disab Insur	DROP	Summarized in construct C_AMTPRIVDIS
R5_K7_B	Amount Recvd From Worker's Comp	DROP	Summarized in construct C_AMTWORKCOMP
R5_K7_C	Amount Recvd From Vets Benefits	DROP	Summarized in construct C_AMTVATBEN
R5_K7_D	Amount Recvd From Public Assist	DROP	Summarized in construct C_AMTPUBASSIS
R5_K7_E	Amount Recvd From Unemploy Benefits	DROP	Summarized in construct C_AMTUNEMPLY
R5_K7_F	Amount Recvd From Priv Pension	DROP	Summarized in construct C_AMTPRIVPEN
R5_K7_G	Amount of Other Inc Recvd on Reg Basis	DROP	Summarized in construct C_AMTOTHREG
R5_K7_H	Amount of Other Inc Recvd Not on Reg Basis	DROP	Summarized in construct C_AMTOTHNONREG
R5_K8_A	Inc From Priv Dis Insur More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_B	Inc From Worker's Comp More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_C	Inc From Vets Benefits More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_D	Inc From Public Assist More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_E	Inc From Unemploy Benefit More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_F	Inc From Priv Pension More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_G	Other Inc on Reg Basis More/Less Than $300	DROP	Possible identifer and few respondents
R5_K8_H	Other Inc Not on Reg Basis More/Less Than $300	DROP	Possible identifer and few respondents
R5_K9_A	Inc From Priv Disab Insur More/Less Than $500	DROP	Possible identifer and few respondents
R5_K9_B	Inc From Worker's Comp More/Less Than $500	DROP	Possible identifer and few respondents
R5_K9_C	Inc From Vets Benefits More/ Less Than $500	DROP	Possible identifer and few respondents
R5_K9_D	Inc From Public Assist More/Less Than $500	DROP	Possible identifer and few respondents
R5_K9_E	Inc From Unemploy BenefitMore/Less Than $500	DROP	Possible identifer and few respondents
R5_K9_F	Inc From Priv Pension More/Less Than $500	DROP	Possible identifer and few respondents
R5_K9_G	Other Inc on Reg Basis More/ Less Than $500	DROP	Possible identifer and few respondents
R5_K9_H	Other Inc Not on Reg Basis More/Less Than $500	DROP	Possible identifer and few respondents
R5_K10_A	Inc From Priv Disab Insur More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_B	Inc From Worker's Comp More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_C	Inc From Vets Benefits More/Less than $150	DROP	Possible identifer and few respondents

Variable	Label	File Status	Reasons for Drop/Replace
R5_K10_D	Inc From Public Assist More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_E	Inc From Unemploy Benefit More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_F	Inc From Priv Pension More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_G	Other Inc on Reg Basis More/Less than $150	DROP	Possible identifer and few respondents
R5_K10_H	Other Inc Not on Reg Basis More/Less than $150	DROP	Possible identifer and few respondents
R5_K11	Received Foodstamps Last Month	DROP	Possible identifer. Use C_INCSOURCE5_PUB
R5_K12	Dollar Value of Foodstamps	DROP	Summarized in construct C_AMTFOODSTAMP
R5_K13	Recvd Assist From Other Gov't Prog Last Month	DROP	Summarized in construct C_AMTOTHGOV
R5_K14_1	Recvd Housing Assistance From Government	DROP	Possible identifer. Use C_INCSOURCE6_PUB
R5_K14_2	Recvd Energy Assistance From Government	DROP	Possible identifer. Use C_INCSOURCE6_PUB
R5_K14_3	Recvd Food Assistance From Government	DROP	Possible identifer. Use C_INCSOURCE6_PUB
R5_K14_4	Recvd Other Assistance From Government	DROP	Possible identifer. Use C_INCSOURCE6_PUB
R5_K15	Amount Recvd From Other Gov't Assistance	DROP	Summarized in construct C_AMTOTHGOV
R5_C_LSTMNTHPAY	Last Month Pay (pre-tax)	REPLACE	Possible identifer. Use C_LSTMNTHPAY_PUB
R5_C_AMTPRIVDIS	Amount Recvd from Priv Dis Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTPRIVDIS_I	Amount Recvd from Priv Dis Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_C_AMTPRIVDIS_IFLAG	Amount Recvd from Priv Dis Last Month, Imputation	DROP	Little analytic value
R5_C_AMTWORKCOMP	Amount Recvd from Workers Comp Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTWORKCOMP_I	Amount Recvd from Workers Comp Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_C_AMTWORKCOMP_IFLAG	Amount Recvd from Workers Comp Last Month, Imputation Flag	DROP	Little analytic value
R5_C_AMTVETBEN	Amount Recvd from Vet Ben Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTVETBEN_I	Amount Recvd from Vet Ben Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_C_AMTVETBEN_IFLAG	Amount Recvd from Vet Ben Last Month, Imputation Flag	DROP	Little analytic value
R5_C_AMTPUBASSIS	Amount Recvd from Pub Assist Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTPUBASSIS_I	Amount Recvd from Pub Assist Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_C_AMTPUBASSIS_IFLAG	Amount Recvd from Pub Assist Last Month, Imputation Flag	DROP	Little analytic value
R5_C_AMTUNEMPLY	Amount Recvd from Unemp Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTUNEMPLY_I	Amount Recvd from Unemp Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB
R5_C_AMTUNEMPLY_IFLAG	Amount Recvd from Unemp Last Month, Imputation Flag	DROP	Little analytic value
R5_C_AMTPRIVPEN	Amount Recvd from Private Pension Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTPRIVPEN_I	Amount Recvd from Private Pension Last Month, Imputed	DROP	Possible identifer. Summarized in C_INCSOURCE1-7_PUB

Variable	Label	File Status	Reasons for Drop/Replace
R5_C_AMTPRIVPEN_IFLAG	Amount Recvd from Private Pension Last Month, Imputation Flag	DROP	Little analytic value
R5_C_AMTOTHREG	Total Income from Reg Sources Last Month (logical zero)	DROP	Imputed version on file
R5_C_AMTOTHNONREG	Amount Recvd from Non-Reg Sources Last Month	DROP	Possible identifer for outliers and small sell sizes
R5_C_AMTFOODSTAMP	Amount Recvd from Food Stamps Last Month (logical zero)	DROP	Possible identifer for outliers. Combine with other non-cash benefits
R5_C_AMTOTHGOV	Amount Recvd from Other Gov Program Last Month (logical zero)	DROP	Possible identifer for outliers. Combine with other non-cash benefits
R5_C_TotNonCashBen	Total Non-Cash Benefits Recvd	REPLACE	Use C_TotNonCashBen_PUB
R5_L1	Ethnic Background	DROP	Imputed version on file
R5_L1_IFLAG	Ethnic Background, Imputation Flag	DROP	Little analytic value
R5_L2_1	Alaska Native or American Indian	DROP	Possible identifer. Use C_RACE_I_PUB
R5_L2_2	Asian	DROP	Possible identifer. Use C_RACE_I_PUB
R5_L2_3	Black or African American	DROP	Possible identifer. Use C_RACE_I_PUB
R5_L2_4	Native Hawaiian or Other Pacific Islander	DROP	Possible identifer. Use C_RACE_I_PUB
R5_L2_5	White	DROP	Possible identifer. Use C_RACE_I_PUB
R5_L3	Highest Year/Grade Finished in School	DROP	Imputed version on file
R5_L3_I	Highest Year/Grade Finished in School, Imputed	REPLACE	Possible identifer. Use L3_i_PUB
R5_L3_IFLAG	Highest Year/Grade Finished in School, Imputation Flag	DROP	Little analytic value
R5_L4	Highest Year/Grade Father Finished in School	REPLACE	Possible identifer. Use L4_PUB
R5_L5	Highest Year/Grade Mother Finished in School	REPLACE	Possible identifer. Use L5_PUB
R5_L6FT	Height: Feet	DROP	Possible identifer. Summarized in C_BMI_CAT_I
R5_L6IN	Height: Inches	DROP	Possible identifer. Summarized in C_BMI_CAT_I
R5_L7	Weight	DROP	Possible identifer. Summarized in C_BMI_CAT_I
R5_L8	Marital Status	DROP	Imputed version on file
R5_L8_I	Marital Status, Imputed	REPLACE	Possible identifer. Use L8_i_PUB
R5_L8_IFLAG	Marital Status, Imputation Flag	DROP	Little analytic value
R5_L9	Live With Spouse	DROP	Possible identifer. Use C_COHAB_I, L8_I_PUB
R5_L10	Live With Partner	DROP	Possible identifer. Use C_COHAB_I, L8_I_PUB
R5_L11	Living Situation	DROP	Imputed version on file
R5_L11_I	Living Situation, Imputed	REPLACE	Possible identifer. Use L11_i_PUB
R5_L11_IFLAG	Living Situation, Imputation Flag	DROP	Little analytic value
R5_L12	Type of Place Live	REPLACE	Possible identifer. Use L12_PUB
R5_L16	Number Adults 18 and Older in Household	REPLACE	Possible identifer. Use C_NUMADULTHH_PUB
R5_L17	Number ofChildren Under 18 in Household	DROP	Possible identifer. Use C_NUMCHILDHH
R5_L19	Number Children That Are Your Own	DROP	Possible identifer. Use C_NUMOWNCHILDHH_PUB
R5_L20	Children Under 18 Living Outside Household	DROP	Possible identifer. Use C_NUMOWNCHILDOHH_PUB
R5_L21	Number Own Children Under 18 Not Living in Household	DROP	Possible identifer. Use C_NUMOWNCHILDOHH_PUB

Variable	Label	File Status	Reasons for Drop/Replace
R5_L22	Children Living in Household Under Age Six	DROP	Possible identifer and few respondents
R5_L23AAMT	Total 2014 Income Before Taxes	DROP	Summarized in construct C_HHINC2004
R5_L23AHOP	How Often Paid in 2014	DROP	Summarized in construct C_HHINC2004
R5_L23B	How Many Days/Weeks/Months Rec'd Income in 2014	DROP	Summarized in construct C_HHINC2004
R5_L24	Household income in 2014	REPLACE	Possible identifer. Use C_HHINC2004_PUB
R5_C_COHAB	Cohabitation Status	DROP	Imputed version on file
R5_C_COHAB_IFLAG	Cohabitation Status, Imputation flag	DROP	Little analytic value
R5_C_RACE_I	Race, Imputed	REPLACE	Possible identifer. Use C_RACE_I_PUB
R5_C_RACE_IFLAG	Race, Imputation Flag	DROP	Little analytic value
R5_C_BMI	Body Mass Index	DROP	Possible identifer. Use C_BMI_CAT_I
R5_C_BMI_CAT	Body Mass Index Categories, Imputed	DROP	Imputed version on file
R5_C_BMI_CAT_IFLAG	Body Mass Index Categories, Imputation Flag	DROP	Little analytic value
R5_C_HHSIZE	Household Size	DROP	Imputed version on file
R5_C_HHSIZE_I	Household Size, Imputed	REPLACE	Retain for recode
R5_C_HHSIZE_IFLAG	Household Size, Imputation Flag	DROP	Little analytic value
R5_C_NUMCHILDHH	Number Children in Household	DROP	Imputed version on file
R5_C_NUMCHILDHH_I	Number Children in Household, Imputed	REPLACE	Possible identifier. Use R2_C_NUMCHILDHH_PUB
R5_C_NUMCHILDHH_IFLAG	Number Children in Household, Imputation Flag	DROP	IFLAG - No analytic value
R5_C_NUMCHILDOHH	Number Children Outside household	DROP	Possible identifer. Use C_NUMCHILCOHH_PUB
R5_C_NUMCHILDREN	Number Total Children	DROP	Little analytic value
R5_C_NUMCHILDHH_POV	Number of Children for Poverty Level	DROP	Little analytical value; only used for poverty level calculcation
R5_C_FEDPOVERTYLEVEL	2014 Federal Poverty Level	DROP	Imputed version on file
R5_C_FEDPOVERTYLEVEL_IFLAG	2014 Federal Poverty Level, Imputation Flag	DROP	Little analytic value
R5_C_HHINC2014	2014 Household Income	REPLACE	Possible identifer. Use C_HHINC2014_PUB
R5_M2a_Rlshp	How Proxy Related to SP	DROP	Survey administration variable
R5_M10A	Level of Survey Satisfaction	DROP	Survey administration variable
R5_M11	Respondent or Proxy Interviewed	DROP	Survey administration variable
R5_M11A	Method for Conducting Interview	DROP	Survey administration variable
R5_M12	Respondent Assisted During Interview	DROP	Survey administration variable
R5_M13	How Assistant/Proxy Related to SP	DROP	Survey administration variable
R5_M14	Assist/Proxy Needed	DROP	Survey administration variable
R5_M15	Respondent Intellectually Capable of Responding	DROP	Survey administration variable
R5_M16	Respondent's Answers Accurate	DROP	Survey administration variable
R5_M17	Respondent Understood Questions	DROP	Survey administration variable
R5_M18	Interview tiring For Respondent	DROP	Survey administration variable
R5_M19	Respondent Had Diff Hearing	DROP	Survey administration variable
R5_M20	Respondents Hearing Diff Affected Interview	DROP	Survey administration variable
R5_N_BFW_RECENT	Benefits forgone for work	DROP	Survey administration variable
R5_N_BIC	Beneficiary identification code	DROP	Survey administration variable
R5_N_DEPEN_ATINT	SSDI dependent benefits due at interview	DROP	Survey administration variable

Variable	Label	File Status	Reasons for Drop/Replace
R5_N_DEPENLASTMNTH	SSDI dependent benefit payment amount last month	DROP	Survey administration variable
R5_N_IRREGULAR_INCOME_SSDI	Irregular SSDI payment	DROP	Survey administration variable
R5_N_IRREGULAR_INCOME_SSI	Irregular SSI payment	DROP	Survey administration variable
R5_N_MFT	Master file type	DROP	Survey administration variable
R5_N_MTHSEARLENT	Months Since Earliest SSI or SSDI Entitlement Date	DROP	Survey administration variable
R5_N_MTHSRECENT	Months Since Most Recent SSI or SSDI Entitlement Date	DROP	Survey administration variable
R5_N_ONSETDATE_SSDI	SSDI onset date	DROP	Survey administration variable
R5_N_ONSETDATE_SSI	SSI onset date	DROP	Survey administration variable
R5_N_PIAATINT	Primary Insurance Amount (PIA)	DROP	Survey administration variable
R5_N_SSDI_ATINT	SSDI benefit due at interview	DROP	Survey administration variable
R5_N_SSDILASTMNTH	SSDI payment last month	DROP	Survey administration variable
R5_N_SSI_ATINT	SSI benefit due at interview	DROP	Survey administration variable
R5_N_SSILASTMNTH	State and federal SSI payment last month	DROP	Survey administration variable
R5_N_STW_MNTHS_RECENT	STW months since most recent eligibility	DROP	Survey administration variable
R5_N_TOC	Type of claim	DROP	Survey administration variable
R5_N_TOTSSBEN_ATINT	Total SSI and SSDI benefits due at interview	DROP	Survey administration variable
R5_N_TotSSbenLastMnth	Total SSI and SSDI payment last month	DROP	Survey administration variable
R5_N_TTWPART_ATINT	Ticket to Work participant at interview	DROP	Survey administration variable
R5_N_TTWPMT_TYPE	Ticket to Work payment type	DROP	Survey administration variable
R5_N_TTWPROV_TYPE	Ticket to Work provider type	DROP	Survey administration variable

APPENDIX I

VARIABLES RECODED FOR THE PUBLIC USE FILE

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Table I.1. Variables recoded for the public use file

Variable Name	Description of Recode
Caseid_PUB	Caseid assigned that cannot be linked across survey rounds.
R5_A_PSU_PUB	Values scrambled for PUF
R5_C_Intage_PUB	Grouped by ranges for PUF (18-25, 26-40, 41-55, and 56 and older).
R5_C_MainCurJobSOC_PUB	Recoded to single digit. Grouped as: Service Occupations; Sales, Office, and Administrative Occupations; and Production and Transportation. "Other" category created for sheltered workshop, management, business, computer/math, architecture/engineering, scientist, social service, legal, education, art/entertainment, healthcare, protective service, farming, construction, repair, and military professions.
R5_C_MainCurJobNAICS_PUB	Recoded to two digits. Agriculture, mining, utilities, and construction combined with manufacturing; information, finance, real estate, professional, management, admin, and education combined; and "other" category created for transportation and warehousing, arts/entertainment, accommodation and food, other services, and public administration.
R5_C_TotCurMnthPay_I_PUB	Top coded at 2,300 for PUF. Average of all top coded values is 3,335
R5_C_MnthsMainCurJob_PUB	Bottom coded at 3 and top coded at 30 for PUF.
R5_C_MainCurJobRepSSA_PUB	Top coded at 4 for PUF.
R5_C_TotCurWkHrs_I_PUB	Bottom coded at 8 and top coded at 40 for PUF.
R5_C_TotCurHrMnth_I_PUB	Bottom code at 35 and top coded at 174 for PUF.
R5_D6yr_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. Bottom coded at 2000 for PUF.
R5_D8yr_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. No recode needed.
R5_D15_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. No recode needed.
R5_D16_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. Bottom coded at 8 and top coded at 40 for PUF.
R5_D17_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. Bottom coded at 12 for PUF.
R5_D18_m_PUB	Main job held in 2014 computed by determining which job had most hours worked in 2014. No recode needed.
R5_C_MainJob2014SOC_PUB	Recoded to single digit. Grouped as: Service Occupations; Sales, Office, and Administrative Occupations; and Production and Transportation. "Other" category created for sheltered workshop, management, business, computer/math, architecture/engineering, scientist, social service, legal, education, art/entertainment, healthcare, protective service, farming, construction, repair, and military professions.
R5_C_MainJob2014NAICS_PUB	Recode to two digits. Agriculture, mining, utilities, and construction combined with manufacturing; information, finance, real estate, professional, management, admin, and education combined; and "other" category created for transportation and warehousing, arts/entertainment, accommodation and food, other services, and public administration.
R5_C_MainJobMnthPay2014_PUB	Rounded and top coded at 2,400 for PUF. Average of top coded values is 3,670.
R5_C_Tot2014Pay_PUB	Rounded and top coded at 24,400 for PUF. Average of top coded values is 37,452.
R5_C_TotHrs2014_PUB	Bottom coded at 520 and top coded at 2,080 for PUF.
R5_C_UsWkHr2014_PUB	Top coded at 40 for PUF.
R5_C_NumProv2014_PUB	Top coded at 4 for PUF.
R5_C_NumProvEvused_PUB	Top coded at 6 for PUF.
R5_C_NumProvCont_03_1_PUB	Top code at 156 for PUF.
R5_C_NumProvCont_10_1_PUB	Top code at 180 for PUF.

Variable Name	Description of Recode
R5_C_NumProvCont_10_2_PUB	Top code at 52 for PUF.
R5_C_NumProvCont_12_1_PUB	Top code at 156 for PUF.
R5_C_DurProvVisit_03_1_PUB	Top code 4 for PUF.
R5_C_DurProvvVisit_10_1_PUB	Top code at 48 for PUF.
R5_C_DurProvVisit_10_2_PUB	Top code at 7 for PUF.
R5_C_DurProvVisit_12_1_PUB	Top code at 4 for PUF.
R5_J11_10_PUB	Grouped J11_3, 4, and 5 with 10 (other) for PUF.
R5_INCSOURCE1_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE2_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE3_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE4_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE5_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE6_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_INCSOURCE7_PUB	Indicates sources received income from last month. K4, K6, and K14 grouped for PUF.
R5_C_LstMnthPay_PUB	Top coded at 1,800 for PUF. Average top coded value is 2,936.
R5_C_TotGovCashBen_PUB	Top coded at 5,140 for PUF (average top coded values)
R5_C_TotNonCashBen_PUB	Top coded at 230 for PUF.
R5_L3_I_PUB	Grouped as: 1=Did not complete HS or GED; 2=HS or equivalent; 3=Some college (1-3 years); 4=4-year degree or higher; 5=Other for PUF.
R5_L4_PUB	Grouped as: 1=Did not complete HS or GED; 2=HS or equivalent; 3=Some college (1-3 years); 4=4-year degree or higher; 5=Other for PUF.
R5_L5_PUB	Grouped as: 1=Did not complete HS or GED; 2=HS or equivalent; 3=Some college (1-3 years); 4=4-year degree or higher; 5=Other for PUF.
R5_L8_I_PUB	Grouped as: 1 = Married; 2 = Widowed/Divorced/Separated; 3 = Never married for PUF.
R5_L11_I_PUB	Grouped as: 1 = You live alone, 2 = You live with parents/spouse/partner, 6 = Other for PUF.
R5_L12_PUB	Grouped as: 1 = Single family home, 2 = Mobile home, 3 = Regular apartment, 13 = Other for PUF.
R5_C_Numadulthh_PUB	Top coded at 2 for PUF
R5_C_Race_I_PUB	Grouped as 3 = Black, 5 = White, 7 = Alaskan Native or American Indian, Asian, Native Hawaiian or Pacific Islander, Native Hawaiian or Pacific Islander and other non-black; Black and White or Black and other race for PUF.
R5_C_Hhsize_PUB	Top coded at 6 for PUF.
R5_C_NumOwnChildHH_PUB	Top coded at 1 for PUF. Suppressed if number non-own children in household + number own children in household is > 4 or if number own children in household + number own children outside the household > 4 to prevent reverse calculating from totals.
R5_C_NumNonOwnChildHH_PUB	Top coded at 3 for PUF. Suppressed if number non-own children in household + number own children in household is > 4 or if number own children in household + number own children outside the household > 4 to prevent reverse calculating from totals.
R5_C_NumOwnChildOHH_PUB	Top coded at 3 for PUF. Suppressed if number non-own children in household + number own children in household is > 4 or if number own children in household

Variable Name	Description of Recode
	+ number own children outside the household > 4 to prevent reverse calculating from totals.
R5_C_NumchildHH_PUB	Top code at 1 for PUF.
R5_C_NumOwnChild_PUB	Top coded at 1 for PUF
R5_C_HhInc2014_PUB	Top coded at 145,000 for PUF. Average of top coded values is 171,619.

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APPENDIX J

PARAMETER ESTIMATES AND STANDARD ERRORS FOR NONRESPONSE MODELS

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Table J.1. Variables in the location logistic propensity model representative beneficiary sample

Main Effects	Parameter Estimate[a]	Standard Error
Variables in the Beneficiary Location Model		
Count of addresses on file (MOVE)		
Only one address on file	1.221**	0.279
Two addresses on file	0.736**	0.183
Three addresses on file	0.431**	0.148
Four addresses on file	0.179	0.147
Five or more addresses on file, or no information	Ref. cell	
Count of phone numbers on file (PHONE)		
One to three phone numbers on file	-0.458†	0.315
Four or more phone numbers on file, or no information	Ref. cell	
Beneficiary's age category (AGECAT)		
Age in range 18 to 29 years	-0.796**	0.117
Age in range 30 to 39 years	-0.447**	0.116
Age in range 40 to 49 years	-0.251*	0.118
Age in range 50 to 64 years	Ref. cell	
Beneficiary's gender (GENDER)		
Male	-0.237*	0.111
Female	Ref. cell	
Indicator whether beneficiary and applicant for benefits are in same zip code (PDZIPSAME)		
Applicant and beneficiary live in different zip code	-0.019†	0.195
Applicant and beneficiary live in same zip code, or no information	Ref. cell	
Non-specialized economy county (CNTYNONSP)		
County's economy not dependent on farming, mining, manufacturing, government, or services	0.240	0.125
County that doesn't have this attribute	Ref. cell	
Two-Factor Interactions[b]		
PDZIPSAME*PHONE		
Indicator whether beneficiary and applicant for benefits are in same zip code, or no information * One to three phone numbers on file	0.755	0.335

[a]Parameter estimates with a cross (†) are essentially meaningless because higher order terms that include the variable in question are also in the model. One star (*) and two stars (**) represent significance at the 5% and 1% levels respectively.

[b]All combinations for the listed interactions that are not shown are part of the reference cells.

Table J.2. Variables in the cooperation logistic propensity model representative beneficiary sample

Main Effects	Parameter Estimate[a]	Standard Error
Variables in the Beneficiary Cooperation Model		
Beneficiary's age category (AGECAT)		
Age in range 30 to 39 years	-0.168*	0.081
Age in range 40 to 49 years	-0.170*	0.080
Age in range 18 to 29 years, or 50 to 64 years	Ref. cell	
Race of the beneficiary (RACE)		
White	-0.110	0.150
Not White or Unknown	Ref. cell	
Metropolitan status of county of residence of beneficiary (METRO)		
Beneficiary resides in nonmetropolitan area not adjacent to metropolitan area	0.569	0.293
Beneficiary resides in nonmetropolitan area adjacent to medium or small metropolitan area	0.419*	0.192
Beneficiary resides in nonmetropolitan area adjacent to large metropolitan area	0.603*	0.262
Beneficiary resides in metropolitan statistical area (MSA) of less than 250,000	0.219	0.161
Beneficiary resides in metropolitan statistical area (MSA) of 250,000-999,999	0.206†	0.167
Beneficiary resides in metropolitan statistical area (MSA) of 1 million or more	Ref. cell	
Beneficiary's gender (GENDER)		
Male	0.149	0.087
Female	Ref. cell	
Identity of payee relative to beneficiary (REPREPAYEE)		
Beneficiary received payments himself/herself	-0.842**	0.314
Beneficiary did not receive payments himself/herself, or unknown	Ref. cell	
Indicator whether beneficiary and applicant for benefits are in same zip code (PDZIPSAME)		
Applicant and beneficiary live in same zip code	-0.676†	0.419
Applicant and beneficiary live in different zip code	0.332†	0.207
No information	Ref. cell	
Count of phone numbers on file (PHONE)		
One phone number on file	0.307†	0.312
Two to six phone numbers on file	0.184†	0.188
More than six phone numbers on file, or unknown	Ref. cell	
Beneficiary's disability (DIG)		
Beneficiary has a cognitive disability	0.454	0.264
Beneficiary has a mental illness	0.597*	0.256
Beneficiary has a physical disability other than deafness	0.686**	0.255
Beneficiary is deaf, or information is unknown	Ref. cell	
Government-dependent economy county (CNTYGOV)		
County with a government-dependent economy	-0.350*	0.158
County that doesn't have this attribute	Ref. cell	

TABLE J.2 (*continued*)

Main Effects	Parameter Estimate[a]	Standard Error
Service-dependent economy county (CNTYSVC)		
County with low levels of education	0.781†	0.305
County that doesn't have this attribute	Ref. cell	
County with poor quality/crowded housing (CNTYHSTRESS)		
County with poor quality/crowded housing	0.313†	0.251
County that doesn't have this attribute	Ref. cell	
County with high levels of persistent poverty (CNTYPERSPOV)		
County with high levels of persistent poverty	0.074†	0.263
County that doesn't have this attribute	Ref. cell	
County with low levels of education (CNTYLOWEDUC)		
County with low levels of education	0.370*	0.153
County that doesn't have this attribute	Ref. cell	
Two-Factor Interactions[b]		
CNTYHSTRESS*PDZIPSAME		
County with poor quality/crowded housing*Applicant & beneficiary live in same zip code	0.687***	0.187
Beneficiary missing one or both of these two attributes	Ref. cell	
CNTYHSTRESS*PHONE		
County with poor quality/crowded housing*One phone number on file	-0.401	0.365
County with poor quality/crowded housing*Two to six phone numbers on file	0.304	0.220
Beneficiary missing one or more of these attributes	Ref. cell	
CNTYHSTRESS*METRO		
County with poor quality/crowded housing*Metropolitan areas 250,000-999,999	-0.322	0.213
Beneficiary missing one or both of these two attributes	Ref. cell	
CNTYSVC*PHONE		
Service-dependent economy county*One phone number on file	0.018	0.364
Service-dependent economy county*Two to six phone numbers on file	0.456*	0.218
Beneficiary missing one or more of these attributes	Ref. cell	
CNTYPERSPOV*PDZIPSAME		
Persistent-poverty county*Applicant & beneficiary live in same zip code	-1.338**	0.435
Beneficiary missing one or both of these two attributes	Ref. cell	
CNTYSVC*PDZIPSAME		
Service-dependent economy county* Applicant & beneficiary live in same zip code	0.761***	0.268
Beneficiary missing one or both of these two attributes	Ref. cell	

[a]Parameter estimates with a cross (†) are essentially meaningless because higher order terms that include the variable in question are also in the model. One star (*) and two stars (**) represent significance at the 5% and 1% levels respectively.

[b]All combinations for the listed interactions that are not shown are part of the reference cells

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APPENDIX K

SUDAAN PARAMETERS FOR NATIONAL ESTIMATES FROM THE NBS-GENERAL WAVES ROUND 5 SAMPLE

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```
PROC DESCRIPT data="SASdatasetname" filetype=sas design=wr;
nest        A_STRATA A_PSU / missunit;
weight      “weight variable” ;
subpopn     “response variable” = “complete”;
var         “analysis variables” ;
print nsum wsum mean semean deffmean / style=nchs
wsumfmt=f10.0 meanfmt=f8.4 semeanfmt=f8.4 deffmeanfmt=f8.4;
title "TTW National Estimates";
```

WEIGHT VARIABLES USED FOR CROSS-SECTIONAL ESTIMATES

Wtr5_ben

NEST VARIABLES USED FOR CROSS-SECTIONAL ESTIMATES

A_STRATA

a. A_STRATA = 1000 for non-certainty PSUs
b. A_STRATA = 2000 for Los Angeles County certainty PSU
c. A_STRATA = 3000 for Cook County certainty PSU

A_PSU

A_PSU=FIPSCODE-derived identifier for PSU or, in Los Angeles or Cook county, SSU

NOTES

1. Before each SUDAAN procedure, sort by A_STRATA and A_PSU

2. Use SUDAAN’s SUBPOPN statement to define population for which estimates are wanted.

   For example, for estimates of SSI participant population, use SUBPOPN to define `SSI participants.**DOC**

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