

ICPSR 35519

**National Survey of Early Care and  
Education (NSECE), 2012**

*NSECE Project Team (National Opinion  
Research Center)*

Codebook for Household Public-Use Data File

**ICPSR**

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# NSECE User's Guide

## Household



National Survey of **Early Care & Education**



Main File

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## 1. Introduction to the NSECE Household Main Public-use Data Files

### 1.1 Introduction

This guide provides information on the National Survey of Early Care and Education (NSECE) main public-use data files. The NSECE is funded by the Office of Planning, Research and Evaluation (OPRE) in the Administration for Children and Families (ACF), US Department of Health and Human Services. The project team is led by NORC at the University of Chicago, with partners Chapin Hall at the University of Chicago and Child Trends, as well as other collaborating individuals and organizations. The primary purpose of the study is to provide a comprehensive picture of both the availability and use of early care and education in the United States.

The NSECE consists of a set of four integrated, nationally representative surveys that were conducted in 2012. These were surveys of 1) households with children under 13, 2) home-based providers 3) center-based providers, and 4) the center-based provider workforce. Together they characterize the supply of and demand for early care and education in the nation and permit better understanding of how well families' needs and preferences coordinate with providers' offerings and constraints.

This data collection effort has resulted in three types of data products that will be useful to researchers, policy firms, and government agencies with questions on ECE-related topics. Exhibit 1.1 below provides an overview of each NSECE data product.

**Exhibit 1.1.** Characteristics of the NSECE Data Products

	Quick Tabulation	Main Public-use Data Files	Restricted-use Data Files
Total No. of Files	6	5	4
Access to Files	Unrestricted use	Unrestricted use	Restricted use
Expected Users	Agency staff, policy firms, and researchers exploring data	Academic researchers with programming knowledge and statistical expertise	Academic researchers with programming knowledge and statistical expertise
Approximate number of variables per file	Less than 200	200 – 16,000	20 – 200
Type of Data	<ul style="list-style-type: none"> <li>▪ Some questionnaire response data</li> <li>▪ Some created variables</li> <li>▪ Community characteristics from ACS data</li> <li>▪ No identifying information</li> </ul>	<ul style="list-style-type: none"> <li>▪ All questionnaire response data represented subject to disclosure considerations</li> <li>▪ Extensive created variables</li> <li>▪ Community characteristics from ACS data</li> <li>▪ No identifying information</li> </ul>	<ul style="list-style-type: none"> <li>▪ Questionnaire response data with disclosure risk</li> <li>▪ PSU and state identification where possible</li> <li>▪ SSU identifiers (linking variables, not actual location)</li> </ul>

### 1.2 NSECE Main Public-use Data Files

This guide has been developed as a companion to the main public-use data files with a separate volume for each of the four surveys. These public-use data files are the most comprehensive including nearly all of the questionnaire response data along with a number of created variables and community characteristics data that will facilitate analysis on key ECE topics. They will be of interest to a wide

audience of researchers investigating various topics related to early care and education in the US. Below we provide a brief description of each file:

- Household Survey Data File:
  - ▶ Data from 11,629 households across the US with children under age 13.
  - ▶ Unique components include data on search for care, cost of care for child-provider pairs, and detailed data on child care usage.
  - ▶ These data will help to answer such research questions as 1) Who is caring for America's children when they are not with their parents and do families with different demographic characteristics have different preferences or different patterns of usage? 2) How do families search for care and how does this vary by age of children, characteristics of parents, location, and availability of licensed slots per population? 3) How and how much do families pay for care? and 4) How many families of different characteristics receive public financial support for ECE, and how does this vary by age of child and type of care utilized?
- Household Calendar Data File
  - ▶ Child-level data file with care schedule in 15-minute increments for an entire week along with the parental work schedule.
  - ▶ File can be linked to the Household Survey data file for analysis in conjunction with household characteristics.
  - ▶ These data will help to answer questions on: 1) How parents coordinate work and school schedules with early care and education usage? 2) What types of nonparental care are most common and at what times of the day? 3) To what extent do different types of care solve or present schedule coordination problems?
- Center-based Provider Survey Data File
  - ▶ Data on 8,265 center-based providers across the US caring for children under age 13.
  - ▶ Data file includes center-based programs of various types along with enrollment and characteristics of children served, staffing, prices charged, hours of operation, price of care, participation in government programs and staff compensation and professional development policies.
  - ▶ Selected segments of the center-based provider questionnaire mirror the home-based provider questionnaire to allow for comparisons across provider types on enrollment, program participation, prices charged for care as well as other topics.
  - ▶ These data will answer such questions as 1) What kind of early care and education is available across communities throughout the country? 2) How well does the available supply of early care and education support parents' employment? 3) How do different types of providers vary in their characteristics of care and affordability? and 4) How many and what types of providers participate in quality improvement efforts such as staff quality ratings and professional development?
- Home-based Provider Survey Data File
  - ▶ Data on 5,986 home-based providers across the US caring for children under age 13. These include 3,934 listed home-based providers (those providers identified on state and national registration lists) and 2,052 unlisted home-based providers (those who look after children at least 5 hours a week in a home-based setting and are not on a registration list).

- ▶ As noted above, portions of the home-based questionnaire are consistent with the center-based provider instrument, allowing for comparison across provider types on selected measures. Other sections of the home-based questionnaire are comparable to the Workforce Questionnaire (see below) so that users are able to construct a more complete picture of the ECE workforce.
- ▶ These data will answer such questions as 1) What kind of early care and education is available across communities throughout the country? 2) How well does the available supply of early care and education support parents' employment? 3) How do different types of providers vary in their characteristics of care and affordability? and 4) Who are the individuals working in early care and education? What are their experiences in terms of employment characteristics, classroom activities, and professional development? What are their attitudes, orientations, and stress and depression levels?
- Workforce Survey Data File.
  - ▶ Data on 5,556 paid ECE workers centers across the US caring for children under age 13.
  - ▶ Data users can link the workforce data file back to the center-based provider data to gain additional context for the classroom staff's experiences.
  - ▶ The data will answer such questions as 1) Who are the individuals working in early care and education and 2) what are their experiences in terms of employment characteristics, classroom activities, and professional development?

### 1.3 NSECE Documentation Available for Data Users

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There are a number of different resources available to data users that will help support use of these data files. These resources include documentation created specifically to accompany the main public-use files as well other items produced by the study that may be useful. Below we provide an overview of these items and where they can be found.

#### **User's Guides**

The NSECE has produced 5 user's guides, one for each survey, and a fifth for overarching topics. These guides were created to be used with the five public-use and four restricted-use data files. These include the following information:

- Variable-level documentation in a questionnaire format for the public-use and restricted-use data files
- Helpful discussion of sampling, data collection methodology, data file contents, and key analytic issues
- Key descriptive tables
- "How-to" memos
- Some example statistical programming code

There is also a fifth user's guide that addresses more technical issues as they pertain across data files. These are available on the ICPSR NSECE site:

<http://www.icpsr.umich.edu/icpsrweb/ICPSR/studies/35519>

#### **Quick Tabulation Data File User's Manuals**

The six quick tabulation data files each have an associated user's manual. These include study description and survey background, and key points for using the data file. In addition, the manuals

include a variable list organized by construct, and a codebook containing detailed variable descriptions with variable-level statistics. The codebook includes frequencies or statistical summaries of values realized in the data, as well as lengthy explanations of how variables were constructed. These are also available on the ICPSR NSECE site noted above.

#### **NSECE Survey Questionnaires**

The four questionnaires for each survey and the two screeners we fielded in 2012 are available on the OPRE website on the NSECE page.

<http://www.acf.hhs.gov/programs/opre/research/project/national-survey-of-early-care-and-education-nsece-2010-2014>

#### **Research Briefs**

The NSECE has produced several research products on various topics. These briefs make use of NSECE data from the multiple files and key findings on topics of interest. These documents can help researchers understand how the sample can be properly described and how specific analysis challenges can be handled when using these data. The tabulations in these products can also help users confirm their use of the data.

These research products are available on the OPRE site.

#### **NSECE Summary Data Collection and Sampling Methodology**

The NSECE produced a report summarizing the data collection and sampling methodology. This document is located on the OPRE NSECE site noted above.

#### **Additional Tools**

Please check the ICPSR NSECE page regularly for additional tools and resources.

### **1.4 Household Survey and Household Calendar Main Public-use Data Files**

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This volume is the companion for the Household Survey and Household Calendar Data Files.

The primary purpose of this guide is to familiarize users with the NSECE and orient them to the data available for analysis. This guide also provides detailed information on the household survey and household calendar main public-use data files including background on the data collection procedures, the construction of variables specific to these files, the appropriate use of weights, and how these files are related to the other NSECE data products. In addition to this guide, users may want to consult the manuals for the household child-level and household-level quick tabulation data files which contain detailed variable descriptions and other useful information.

The **Household Questionnaire** was conducted with a parent or guardian of a child or children under age 13 in households with at least one member child under age 13. Eligible respondents were identified through the **Household Screener** based only on the presence of an age-eligible child. Screening was completed by mail, by phone, and in person. Key questionnaire topics include details on usage of nonparental care, expenditures on nonparental care, parental search behavior for early care and education, and the balance of parental employment with child care needs and availability.

The Household Questionnaire asked about the early care and education use and needs for eligible children in that household. This included:

- Child care usage and schedule for the prior week for each eligible child, including all individuals or organizations that provided nonparental care. This information was collected individually for each child under age 13 years, accounting for where children were when not with their parents/guardians. Recorded activities included school, play dates, lessons, time with family members, or transportation time between these.
- Collection of information about regular care providers who did not provide care last week and therefore were not listed in the calendar above. This was also collected individually for each child under age 13.
- Provider lookup feature to accurately capture information about nonparental care providers when available from state and national lists. A modified version of the national provider sampling frame was loaded into the survey in an attempt to reduce questionnaire implementation time and increase data quality. Rather than collecting information about each provider named in the questionnaire, the questionnaire program allowed interviewers to select providers from the pre-loaded list of providers. If a provider was not included in list, the interviewer could add a provider and their address (or cross streets and zip code if the address was not known.) Use of the lookup makes it possible to identify households that are using the same provider, or to link administrative data about providers (such as funding sources) to the household usage data, and to precisely map the providers' locations.
- Collection of parental employment and school schedule for *the prior week*, including all school, work, and training activities of the respondent, his or her spouse, any parent of an eligible child who was living in the household, and any household member who regularly provided five or more hours of care to children under age 13 in the household.
- Comparison of *the prior week's* child care and employment schedules to identify and fill gaps.
- Information about parents' search for care, including the last search for child care and what parents look for in general.
- Types of care parents prefer to use
- Payment information about each type of provider previously reported as used by the household
- Collection of parental consent to search administrative records for children's inclusion in government program and subsidy lists.

Both the child care and employment calendars were collected in fifteen minute increments, providing extensive detail about household activities. These calendars were collected for each child, and therefore survey administration time increased for those households with the number of eligible children and their nonparental care arrangements. While these calendar sections accounted for over half of the survey administration time they were critical to accurately capturing the complex array of ECE arrangements used by families and their related employment schedules.

## 2. Household Survey Sample Design and Data Collection

This chapter provides background on the study design and the data collection procedures for the Household Survey along with weighted and unweighted response rates.

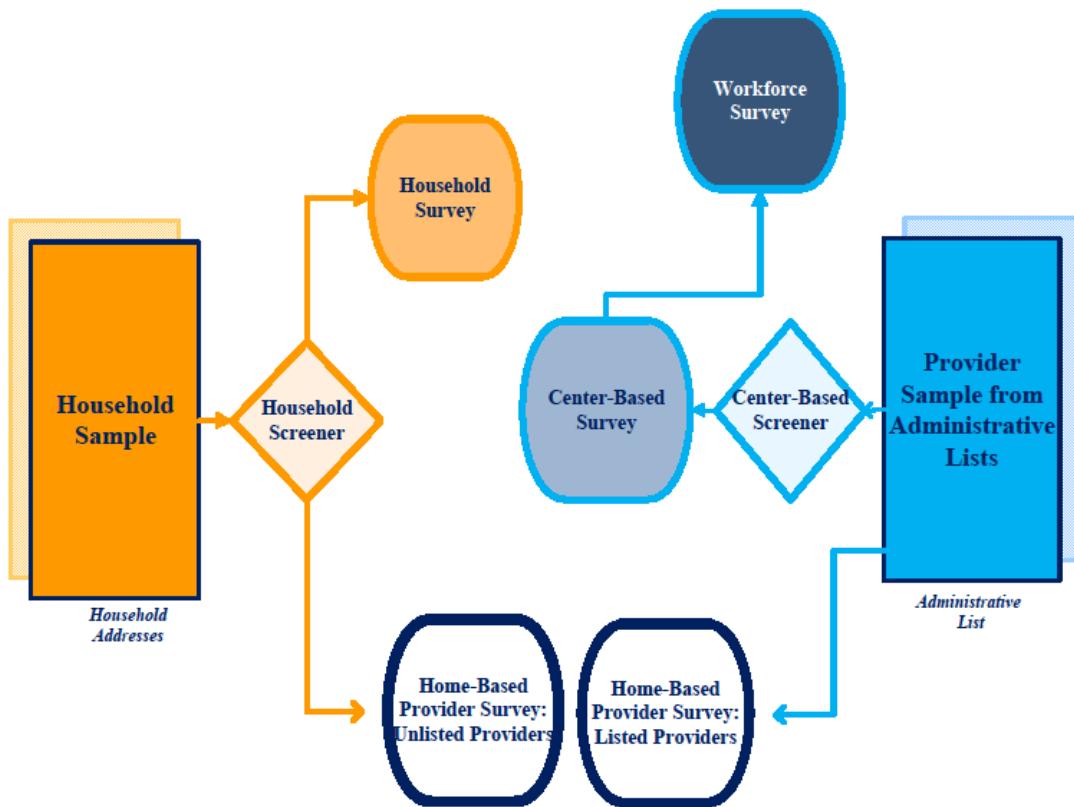
### 2.1 Sample Design

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Exhibit 2.1 provides an overall schematic of the NSECE sample types and questionnaires. The NSECE is a coordinated set of four nationally representative surveys pertaining to the supply of and demand for early care and education in the United States, including the individuals working directly with children. There are two primary sources of sample for these four surveys. A household sample was constructed as a hybrid between an address-based sample of housing units selected from the Delivery Sequence File (DSF) maintained by the US Postal Service and a freshly listed sample of housing units in a small number of locations where the DSF lacked adequate coverage to support a high-quality sample. Using a household screener, eligible households were identified for the household questionnaire and for the home-based provider questionnaire from this household sample.

In order to draw a nationally representative sample of the supply of early care and education, the project constructed a sampling frame of “listed” providers from administrative lists. This frame was built through compiling and geo-coding all available state-level and national lists of providers of early care and education collected from various agencies in all 50 states and the District of Columbia. These lists of providers included licensing, regulation, and license-exempt lists, as well as lists of providers in specific programs such as offering Head Start or public pre-kindergarten. Three different surveys used this sample source. Center-based providers of early care and education to children not yet in kindergarten were selected through a center-based screener for the center-based provider questionnaire. From the center-based providers who completed a center-based provider interview, respondents were selected for the workforce questionnaire. Also from the administrative lists, home-based providers were selected for the home-based provider survey. Note that the home-based provider survey includes sample from both sample sources: the household (for unlisted providers) and the administrative lists (for listed providers).

**Exhibit 2.1.** NSECE Sample Types and Questionnaires



The NSECE sample design is a multistage probability design. In the first stage, 219 primary sampling units (PSUs) were selected across all 50 states and DC. PSUs were allocated to states by size based on the population of children under age 18 within each state. In the second stage, secondary sampling units (SSUs) were selected for the household sample. Because the experiences of low-income families are of special interest in public policy addressing early care and education/school-age (ECE/SA), the NSECE sample design included a low-income oversample. SSUs were selected disproportionately from areas in which at least 40 percent of households had income below 250 percent of federal poverty guidelines. Altogether, 755 SSUs were selected, with 537 SSUs in these lower-income areas and 218 in areas with lower densities of low-income households.

The NSECE sample design introduces the concept of a provider cluster to generate nationally representative estimates while capturing the very local nature of how families seek and use ECE/SA, how providers seek and serve children, and how these things together affect the context in which ECE utilization occurs. The map below (Exhibit 2.2) depicts a hypothetical cluster using a location in Dallas, Texas. The SSU is the central yellow area, which represents the cluster's core of households, while the gray shaded areas depict the remainder of the cluster. Households in the yellow core (generally one or a small number of adjacent census tracts) were sampled for inclusion in the household and home-based provider questionnaires. The provider sampling frame built from administrative lists was used to sample listed providers, including center-based programs and home-based ECE providers, from throughout the gray and yellow portions of the cluster, approximating the locations from which the centrally located households might seek ECE services. The gray portion comprises all census tracts that overlap within a

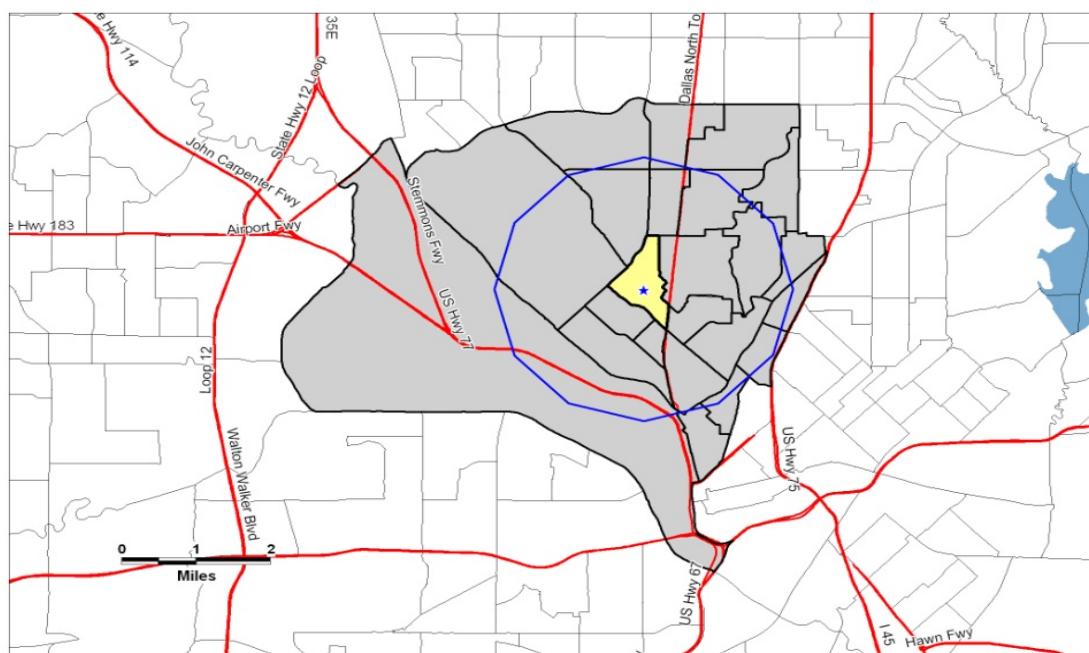
circle of two miles centered at the population centroid of the yellow core. The use of the provider cluster allows us to document the interaction of the supply of and the demand for early care and education where it occurs—in local communities—while simultaneously capturing data that efficiently construct national estimates.

OPRE made available to the states the opportunity to supplement their NSECE samples for the purpose of increasing state-specific sample sizes and analytic power. The states of New York and Illinois both exercised this option to supplement. The 219 PSUs and 755 SSUs in the final sample reflect an expansion of the number of PSUs by two and the number of SSUs by 14 relative to what would have been allocated in the absence of supplementation.

Additional information about the design of the NSECE sample is available in the Revised Sampling Report and Addendum prepared during the design phase of this study:  
[http://www.acf.hhs.gov/sites/default/files/opre/revised\\_sampling.pdf](http://www.acf.hhs.gov/sites/default/files/opre/revised_sampling.pdf).

**Exhibit 2.2. Hypothetical Provider Cluster**

## Dallas County 0006.01



***Household Sampling.*** We used a delivery sequence file (DSF) maintained by the United States Postal Service (USPS) as the sampling frame for housing units (HUs) at the third stage of sampling. The DSF is known to be incomplete in some areas of the county, especially in some rural areas. NORC’s sampling strategy was to employ the DSF in areas in which it was thought to be reasonably complete and to employ a List & Go approach in the 25 SSUs in which the DSF was thought to be deficient because its count of households was unacceptably smaller than the count of households for that location in the American Community Survey

## 2.2 Household Survey Data Collection

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The Household Survey data collection effort included five phases outlined in the table below. These phases were not mutually exclusive, but rather allowed for fluid movement of cases between phases based on the interviewing contact attempt outcomes. Broadly, however, the phases were used to manage sample and interviewer resources efficiently while maximizing response rates.

**Exhibit 2.3.** Household Survey Data Collection Overview

Data Collection Phase	Month	Key activities
<b>Pre-Field Screening</b>	Oct – Dec 2011	Household Screening by mail – SAQ and follow-up mailings sent to sampled households
<b>Initial Outreach</b>	January 2012	Interviewing mail-screened eligible households, screening cases with telephone matches and making initial in-person visits.
<b>Continued Outreach</b>	February 2012	In-person visits to all unscreened households without telephone numbers, completing eligible interviews with eligible households. Dialing in telephone center continues on unscreened and eligible mail-screened households.
<b>Initial Conversion.</b>	March – April 2012	Finalize all unscreened households, make appointments for all eligible households, and escalate refusals conversion efforts. Telephone center dialing ends by March 20 and all eligible households transferred to field interviewers for in-person and telephone outreach.
<b>Final Conversion</b>	May – June 2012	Focus on completing interviews with eligible households. Data collection ends June 9th

Eligibility for the household questionnaire was established through the household screener, which could have been completed by mail, CATI or field administered modes.

### ***Mail Screening***

The screening effort began with 98,646 household addresses for screening. Of the 98,646 cases, we were able to distinguish 2,062 as drop-point addresses, which are considered not suitable for advance mailings. All non-drop-point address cases (96,584 cases) were sent a series of advance mailings according to the following plan:

1. Advance letter with self-administered screener, business return envelope, and \$2 incentive
2. A postcard follow-up (one week after the advance letter)
3. A first follow-up letter with a second copy of the screener and BRE (three weeks after the advance letter), sent if no mail was returned undeliverable and the screener had not yet been received.
4. A second follow-up letter with a third copy of the screener and BRE (to targeted groups as determined necessary), sent if no mail was returned undeliverable and the screener had not yet been received.

A total of 21,625 screeners were received by NORC. Accounting for some duplication (single cases returning multiple copies of the screener form), a total of 20,315 households returned a screener, of which

sufficient data was available to determine eligibility for 20,248. (This includes screeners with usable data only. Cases that were returned undeliverable by the USPS were assigned to the field to be verified in-person.) Of these cases that returned mail screeners, 11,881 were screened out as ineligible for both the Household and Home-based Provider Questionnaires.

Eligible cases identified by mail screeners were split into the following four categories. When cases were assigned to CATI or field interviewing, the appropriate instrument was made available and call notes were updated to indicate a mail screener return so that the interviewer was able to clearly communicate the history of the case to the respondent.

1. *Eligible Household Questionnaire cases assigned to CATI:* Cases with one or two children, one or two adults in the household, not eligible for the home-based provider survey, and having either a phone number matched from commercial lists or a phone number provided in the returned screener. A total of 2,171 such cases were identified and sent to CATI in early January 2012. These households received an advance letter with \$5 incentive to alert them that an interviewer would be calling.
2. *Eligible Household Questionnaire cases assigned to field:* Cases with children under age 13 and not eligible for the home-based questionnaire, but not meeting the criteria listed above for assignment to CATI. In early January 2012, 143 such cases were assigned to the field to be worked and an additional 779 were assigned in early March 2012. These households received an advance letter (without incentive) to alert them that an interviewer would be contacting them.
3. *Dual eligibility cases:* These cases were eligible both for the household and home-based provider questionnaires.
  - a. Dual eligible households with only one eligible home-based provider were assigned directly to field interviewers to be approached for interview. There were 836 cases that were sent to the field in late January 2012 and 56 more in early March 2012.
  - b. Dual eligible households with multiple home-based providers were assigned to a field manager to undergo an additional sampling step to select one home-based provider respondent. There were 570 cases that were sent to the field in late January 2012 and 94 more in early March 2012.
4. *Home-based provider only cases:* Households with eligible home-based provider respondents and with no children under age 13 in the household. This group was split into two categories:
  - a. Cases that reported having only one home-based provider in the household were eligible to complete the survey via web. A total of 1,170 cases were sent web invitations via email: 297 in late November 2011 and another 873 cases periodically through early March 2012.
  - b. Cases reporting multiple home-based providers had to undergo a further sampling step and therefore were not eligible for the web survey. These cases were assigned to a field manager who contacted the household and conducted the additional screening step to select a single respondent. There was a total of 293 cases in this category.

### ***Telephone Center Interviewing***

The centralized telephone center data collection effort was based at NORC's telephone center and ran from January 13-March 20. Cases worked in the telephone center included the following two groups: 1) Households that returned mail screeners and were eligible for telephone center dialing (as defined above); and 2) households that did not return mail screeners and had matched telephone numbers. The treatment of these two groups of cases is described below.

There were 2,171 households that returned mail screeners and met telephone center eligibility. These households received an advance letter with \$5 incentive to alert them that an interviewer would be calling. These households were then contacted by a telephone interviewer to complete the household questionnaire. Of these 2,171 cases, 115 were judged ineligible in the process of interviewing and 455 completed the interview.

A total of 10,339 households that did not return the mail screener but were identified as age-targeted through the telephone match were assigned to the telephone. Telephone interviewers first contacted these households to administer the household screener. Household members were screened to see if they were eligible for the household survey and/or the home-based provider survey. If eligible for the household questionnaire, the telephone interviewer would attempt to complete the interview immediately or schedule a follow-up appointment. Cases eligible for only the home-based provider interview were transferred to the field to be completed by a field interviewer. Ineligible households terminated in the telephone center. Of the 10,339 cases, 2,228 completed the screener in the phone center: 749 of those cases were eligible for the household questionnaire, an additional 70 cases were eligible for the home-based provider questionnaire, and 73 were eligible for both questionnaires. Of those eligible for the household questionnaire, 18 were judged to be ineligible in the course of the interview and 188 completed the interview.

Throughout data collection in the phone shop, cases were transferred to the field based on dialing rules such as when the maximum number of call attempts was made, when inactive telephone numbers were identified, or when refusals were encountered or household screened for home-based provider eligibility only. When telephone center data collection ended, the entire batch of cases was reviewed, and those still considered workable according to the dialing rules were transferred to the field. Cases were transferred in batches beginning in March 2012 in order to maintain an efficient balance of case assignments for field interviewers. All telephone center data collection was completed by the last week in March.

Of the mail-screened cases assigned to the telephone center, 1,669 were not finalized over the phone and were moved to the field where 169 were deemed ineligible and 702 completed the household interview. Of the 822 cases screened as eligible in the telephone center, 554 were later moved to the field (47 were dual-eligible cases and 507 were household eligible only) where 42 cases were deemed ineligible and 195 completed the household interview.

### ***Field Interviewing***

The primary data collection mode for the household questionnaire was by computer-assisted personal interview (CAPI) with a field interviewer. Field interviewers received all cases that could not be resolved in other modes (mail and telephone).

As discussed above, cases that were not eligible for telephone center interviewing (due to number of children in household, no telephone number available or home-based provider eligibility) but were eligible for the household questionnaire were moved to the field. The appropriate instrument was made available for the interviewer and call notes reflected the screener history to assist the interviewer when contacting the household. If a telephone number was available (either through a matching process or because it was included in the mail screener), the interviewer attempted to contact the household via telephone first as a cost-saving measure. If the telephone number proved inaccurate or did not result in contact with the respondent, an interviewer would make an in-person visit to the household. In most locations, cases were assigned to local interviewers who were able to make in-person visits in a selected cluster. In addition, cases were transferred between interviewers if Spanish-speaking interviewers or specialized conversion techniques were needed or if staffing changes occurred. In locations that did not have a local interviewer, a travelling interviewer was sent to the area to work the cases for a finite period

of time. All record notes, eligible instruments, and disposition history was transferred for each case, including those that came from the telephone center. The Central Office and field management staff determined all case transfers and retained access to all case information which was updated from the interviewer laptop twice daily. This ensured that the current status of each case and all relevant documentation was centralized.

The largest type of cases worked by the field were households that did not complete the mail screener nor were they screened by telephone. These unscreened cases were randomly sub-sampled to maintain high response rates while judiciously allocating data collection resources. While the elapsed time between screening and main interview could have been as much as several months for mail or phone-screened households completing the interview with a field interviewer, the elapsed time between screener and main interview was generally much shorter for households were screened by field interviewers. In many cases, both data collection activities were completed in the same day.

The outcomes of administration of the screener and household questionnaire are described below.

Of the 4,354 mail-screened cases sent to the field designated as eligible for the household questionnaire, 575 were determined ineligible in the course of interviewing and 2,632 completed the interview.

Of the 48,343 unscreened cases sent to the field after no mail screener was returned, 39,063 screeners were completed in the field of which 29,903 were ineligible. A total of 7,993 were eligible only for the household questionnaire and an additional 1,167 were eligible both the household and home-based provider questionnaires. Of this total of 9,160 eligible households, 334 were deemed ineligible while being interviewed and 6,095 completed the household interview.

Of the 10,339 unscreened households (unreturned mail screeners) initially sent to the telephone center, 8,111 did not complete the screener in that mode and 5,769 of that group were subsequently moved to CAPI. Of that subset, 4,007 completed the household screener in the field (yielding 2,361 ineligibles). Of the 1,646 eligible cases, 34 were later determined ineligible in the household interview and 839 completed interviews.

Household questionnaire respondents received \$20 for participating in the interview with a field interviewer. This applied only to interviews completed in the field. This was paid in cash if the interview was completed in person; a gift card was mailed if the interview was completed over the phone. In addition, during the latter half of data collection, the field interviewers were provided with healthy recipe booklets that could be given to respondents as a gaining cooperation tool.

Note that the field staff made heavy use of telephone outreach to gain cooperation and conduct interviews; completion status in the field phase of data collection or by a field interviewer does not indicate that an in-person interview was completed.

Because the calendar was such a central part of the Household Survey content, great care was given to keeping the reference week the same throughout the interview. If an interview was interrupted mid-stream, interviewers tried to complete within the same week so that the ‘prior week’ reference would be consistent between the child and adult calendar sections of the interview. If this was not possible, portions of the interview could be re-administered so that both calendars referred to the same week. Only those matching calendar data are available in the data file.

In addition, interviewers attempted to schedule interviews so that the critical ‘prior week’ would not fall on a particularly unusual week. For example, interviewers tried not to schedule interviews in the week

after a household's spring break, since that week might have had atypical work and non-parental care patterns.

**Case Outcome Summary**

The following tables show the overall un-weighted and weighted response rates for the household sample.

**Exhibit 2.4. Household Un-weighted Response Rates**

	Rate	Numerator	Denominator
Screener completion rate	91.80%	65,712	71,580
Interview Completion Rate	69.22%	11,629	16,800
Response Rate	63.55%		
Adjusted Interview Completion Rate*	70.50%	11,629	16,496
Adjusted Response Rate	64.72%		

**Exhibit 2.5. Household Weighted Response Rates**

	Rate	Numerator	Denominator
Screener completion rate	91.11%	96,893,084	106,345,183
Interview Completion Rate	67.06%	14,904,428	22,225,950
Response Rate	61.10%		
Adjusted Interview Completion Rate*	68.23%	14,904,428	21,845,034
Adjusted Response Rate	62.16%		

## 3. Documentation and Data File Conventions

The main public use data file includes raw questionnaire data as well as a series of derived variables created by the NSECE team to help facilitate analysis. The derived variables may be a cleaner, simplified versions of variables containing raw data or they may be more complex, created using multiple variables from the public-use or restricted-use data files.

### 3.1 Variable-level Documentation

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In the questionnaire section of the variable-level documentation, users will find information about many aspects of the survey questionnaire and its relationship to variables in the data files. These aspects include:

- Variable name as found in data files
- Question text, including text fills and presentation differences across data collection mode
- Response options, including those created and coded after data collection
- Skip patterns and eligibility notes
- Notes about disclosure protection undertaken for variables

In order to provide flexibility for respondents and reduce burden, the NSECE interviews were administered in a variety of modes: 1) Computer-assisted personal interview (CAPI), 2) Computer-assisted telephone interview (CATI), 3) web self-administered questionnaire (Web), and 4) paper-and-pencil self-administered questionnaire (PAPI SAQ). Not all surveys used all data collection modes. Questions were the same across all modes used for a questionnaire wherever possible. The documentation indicates instances where there were mode-related administration differences, for example, in question presentation, presence of code frames, possibility of skipped items, etc. The main data file includes a variable that indicates the mode of completion.

This multi-mode design affects the data in other ways. First, respondents who completed in a self-administered mode could choose not to answer any question and move to the next item without recording any response. These instances have been recorded in the data as invalid skips. By contrast, interviewers were required to record some response (Don't know/refused) to advance in the instrument. Secondly, responses of "don't know" and "refused" could not be recorded separately. Respondents were presented with one response option labeled Don't Know/Refused, and this was selected for either response.

#### 3.1.1 Question Text

Some questions in NSECE instruments were designed to verify data from the sample file or another instrument (like a screener) or to follow up on a response from an earlier question. Depending on the purpose, these questions would pull data from a separate data source or from questionnaire response data to populate the question text with the item for verification. In the case of the workforce questionnaire, for instance, data collected from the center-based provider interview was used to confirm that we were talking to the selected workforce respondent. The documentation clearly marks these "text-fills" using brackets and indicates what data populated the field.

### **WF C1 AGEGROUP**

C1\_1. This questionnaire asks about your work at [SAMPLED PROGRAM NAME FROM CB PROVIDER INTERVIEW]. We selected you for this survey based on time you spent in a classroom or group for [AGE GROUP ASSOCIATED WITH RANDOMLY SELECTED GROUP (CB\_F3GROUPNAME) FROM CB PROVIDER INTERVIEW] children. Is that the age group that you work with most often?

- |    |                              |              |
|----|------------------------------|--------------|
| 1. | Yes                          | ➔ SKIP TO A1 |
| 2. | No                           | ➔ ASK C1_2   |
| 3. | Don't know/Refused/No answer | ➔ SKIP TO A1 |

Most questions were presented one at a time on a single screen for CAPI or web self-administration. In some circumstances, however, the computer-assisted instrument presented multiple questions on a single page when they were part of a question series. This format helped reduce respondent burden, improve data consistency and facilitate the interview. The variable-level documentation indicates which question series were presented on a single screen in a grid and includes a screenshot of those questions in the appendix.

#### **3.1.2 Response Options and Variable Values**

Response options provided during the interview are available in the documentation and are included beneath the question text. When response options are in lower case, interviewers read them aloud to the respondent following the question. When response options are capitalized, they were not read aloud. When respondents completed by web and PAPI SAQ, response options were available unless the documentation indicates that responses were collected verbatim in self-administered modes.

In some cases, responses were collected verbatim in self-administered modes while the CAPI instrument included code frames. When data were collected differently in self-administered modes, the documentation indicates how the questions differed.

Responses to questions could also include invalid skips, out-of-expected-range values, unexpected/irrelevant answers to the question, responses made by those who should have skipped the question, partial/complete answers, and so forth. Many of these invalid responses were assigned set-aside, special values that indicate different types of invalid responses.

Commonly employed reserve codes used for several variables include:

- 1    "Don't know/Refused"
- 2    Not applicable
- .      Missing/No Response

Not all variables, however, use the reserve codes listed above. Variables with a fixed code frame may use a positive value to indicate "don't know/refused." This is usually the highest value in the code frame. Please consult the variable entry to verify reserve codes and their meaning.

For reserve codes and other types of responses, the variable-level documentation indicates what meaning is associated with each numeric value of a variable that might appear in the data file.

A number of questions asked respondents to provide additional detail when they selected "other" as a response. These Other/specify responses were coded back into the code frame that was originally

included with the question where possible; new categories were developed and appended to the original code frame when needed.

New categories developed during the coding process are clearly marked in the variable codeframe. The example below shows how variable documentation might look for a question after the other/specify coding has been completed. Categories 1-5 constitute the original code frame included with the question. Categories 6 and 7 were developed after data collection as part of the coding process as indicated by the labels “other recoded to” and “added”. *It is important to note that any category with a label of “added” or “other recoded to” was not available for respondents during the administration of the interview.*

**CB\_A8\_PROFIT\_R2**  
**(R) CB\_A8\_PROFIT\_R**

**A8A.** Is your program for profit, not for profit, or is it run by a government agency?

- |   |              |
|---|--------------|
| 1. FOR PROFIT   | ➔ SKIP TO A9 |
| 2. NOT FOR PROFIT                                     | ➔ GO TO A8B  |
| 3. RUN BY A GOVERNMENT AGENCY                         | ➔ GO TO A8B  |
| 4. OTHER (Specify_____)                               | ➔ GO TO A8B  |
| 5. DON'T KNOW/REFUSED/NO ANSWER                       | ➔ GO TO A8B  |
| 6. Other recoded to: for profit                       |              |
| 7. Added: combination for profit/government sponsored |              |

As we coded the specify responses for this survey item, we saw that many of the specify responses indicated that they did not fit into one single category offered in the initial list of responses but had program that was a combination of two - both for profit and government funded. Therefore, we developed a new category and added it to the code frame for the question. This is now category 7 in the list of response options. In addition, several specify responses indicated that the program was “for profit”, but they had not initially selected this option. In order to avoid confounding the skip patterns and counts for subsequent variables, we created a new category for these responses (category 6) and labeled it “other recoded to”. This label signals that these for-profit programs would not follow the same questionnaire path as the other cases that initially selected the original for profit response (category 1).

Once an “other” response has been coded into a new category, the original ‘other’ response no longer appears in the data. In some cases, the new category may already have been selected in the data (for example, in a code-all-that-apply question) so that the ‘other’ response is not replaced with an alternate value.

### 3.1.3 Questionnaire Pathing, Question Eligibility, and Item Non-response

Not all questions in the questionnaire were asked of every respondent. The instruments were programmed to route groups of respondents around questions that did not apply, could be logically inferred, or were not asked for other reasons such as limiting respondent burden. *It is crucial that researchers using the main public use data files carefully study the appropriate universe for each question and determine appropriate treatment of each variable value within the data file.*

The questionnaire design may not call for respondents to answer a given question for a variety of reasons. These include:

- The response may be logically inferred from a prior question. For example, an individual who did not work last week does not need to be asked how many hours she worked last week. We know that the answer is 0 hours. The valid skip in the hours worked variable can be set to 0 for many analyses.
- The question does not apply to the person. For example, the same person cannot specify what fraction of days last week she was late to work, since she did not have any days of work. This person would likely be excluded from most analyses of workers in the past week.
- The question may have been omitted in an effort to limit respondent burden. For example, in the NSECE Household Survey, section B questions about each member of the household are not asked of each household member. Although each person does have a race and ethnicity, those items were not collected. The valid skips in these variables affect the appropriate interpretation of the race and ethnicity variables, which pertain only to the respondent and not to the full set of household members.
- A sample subgroup may have been exempted from a question because of sensitivity or difficulty of interpretation. For example, home-based providers who only care for children with whom they have a prior personal relationship were not asked questions about licensing or certification. Depending on the specific analysis, this omission may or may not be relevant to researchers.

*We recommend that researchers review all valid and invalid skips for possible recoding before using a variable in analysis.*

The variable-level documentation has three main tools to assist users with understanding question eligibility and pathing through the instrument. These are: 1) the original skip logic that was specified at the time of questionnaire design and programmed into computer-assisted instruments, 2) specification of ‘variables affecting eligibility for this item’, which point users to specific prior questionnaire items from which large numbers of respondents may have been diverted away from a given question, and 3) reserve codes and values within the data.

See the example below for CB\_A8\_PROFIT\_R2 and CB\_A8\_SPONSOR. A red arrow will point to eligibility statements which are included below the variable name.

In the data file, valid skips are coded missing. In SAS, this will appear as “.” in numeric variables. A valid skip is one in which the respondent would not have been given the opportunity to answer a question because of the questionnaire logic. Invalid skips are instances in which respondents were asked a question but they did not provide a response. This occurs more frequently in self-administered modes, where they are coded to be the same value as DON’T KNOW/REFUSED. Depending on the specific variable, this value could change. Unfortunately, we cannot distinguish DON’T KNOW/REFUSED from invalid skips.

The example below from the center-based provider questionnaire illustrates how this works. The eligibility statement associated with CB\_A8\_SPONSOR indicates that the prior question (CB\_A8\_PROFIT\_R2) determined who was eligible to be asked the question about sponsorship. The skip instructions after the response options show how respondents were directed for each possible response. When CB\_A8\_PROFIT\_R2 is 1, CB\_A8\_SPONSOR is “.” to indicate that this question was validly skipped. When CB\_A8\_PROFIT\_R is not 1, all invalid skips for CB\_A8\_SPONSOR are coded to 3, the DON’T KNOW/REFUSED value for CB\_A8\_SPONSOR.

**CB\_A8\_PROFIT\_R2**  
**(R) CB\_A8\_PROFIT\_R**

**A8A.** Is your program for profit, not for profit, or is it run by a government agency?

- |   |              |
|---|--------------|
| 1. FOR PROFIT   | → SKIP TO A9 |
| 2. NOT FOR PROFIT                                     | → GO TO A8B  |
| 3. RUN BY A GOVERNMENT AGENCY                         | → GO TO A8B  |
| 4. OTHER (Specify _____)                              | → GO TO A8B  |
| 5. DON'T KNOW/REFUSED/NO ANSWER                       | → GO TO A8B  |
| 6. Other recoded to: for profit                       |              |
| 7. Added: combination for profit/government sponsored |              |



### NOTES:

In order to protect against disclosure, some categories listed above have been collapsed into broader groups. Categories 4, 5, and 7 have been grouped together; category 6 has been grouped with category 1. The resulting codeframe is included below:

1. For profit
2. Not for profit
3. Run by government agency
4. Other/DK/Refused/No Answer

The original variable is available in the NSECE CB restricted-use data file.



### **CB\_A8\_SPONSOR**

Variables affecting eligibility for this item: **CB\_A8\_PROFIT\_R**

**A8B.** Is your program independent or is it sponsored by another organization? A sponsoring organization may provide funding, administrative oversight or have reporting requirements; however, organizations that are solely funding sources should not be considered sponsors.

- |                                 |               |
|---------------------------------|---------------|
| 1. INDEPENDENT                  | → SKIP TO A11 |
| 2. SPONSORED                    | → GO A8C      |
| 3. DON'T KNOW/REFUSED/NO ANSWER | → GO TO A11   |

### 3.1.4 Disclosure Treatment

A number of variables presented a risk for disclosure and these have been treated to prevent disclosure. We have chosen options that preserve as much of the original response data as possible while still protecting our respondents. Several procedures have been used:

1. Topcoding
2. Binning
3. Suppression
4. Collapsing categories

When a variable has been treated for disclosure, the documentation describes how the variable was treated. Please see section 3.4 below for additional details on disclosure treatment during preparation of NSECE data files.

## 3.2 Other Data File Conventions

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### 3.2.1 Variable Naming Conventions

The NSECE data files make use of some standard variable naming conventions.

- **Data file identification:** Variables begin with a prefix indicating the data file to which a variable belongs. For instance, the names of variables in the workforce public-use data file begin with “WF\_” (WF\_A7\_Location) while variables in the center-based data file begin with “CB\_”.
- **Question number:** If the variable contains data reported directly in response to a survey question, then the question number will be embedded in the variable name. If it is a derived variable that combines data from multiple sources, then a question number will likely be absent.
- **Descriptive statement:** Finally, there is a descriptive statement that provides some summary of the variable topic or content.
- **Additional conventions.** Sometimes variables include additional indicators in the name to signal that a variable has undergone certain procedures. For example, TC can be appended to a name to indicate that top-coding has been done to minimize the risk of disclosure.

### 3.2.2 Looped Variables

The NSECE instruments sometimes collect data in a loop pattern, and these data follow specific naming conventions to make the correct links across these variables. When data are collected in a loop, the instrument first establishes a list and then proceeds through a series of questions for each item listed in succession. In the center-based provider questionnaire, for instance, we collect the characteristics of the teachers who work together in a classroom. In this question series, the instrument first establishes the list of teachers working in the classroom and then collects information about each teacher, asking all questions first about teacher 1 and then looping back to ask all questions about teacher 2 and so on through the list of teachers.

Naming conventions help data users pair data from follow-up questions with the right individual or group. All looped variables contain a numeric loop identifier as part of the name. Let's take the following example: CB\_F4\_STAFFNAME\_R\_X (X = 1-10). The X on the end of this variable indicates that it is part of a loop. The parenthetical information explains what values you might find in the place of X. This number is the loop identifier and allows you to connect other variables in the series with the appropriate individual or group. We collected the names of up to ten staff members associated with the randomly selected classroom.



#### CB\_F4\_STAFFNAME\_R\_X (X = 1 TO 10)

Variables affecting eligibility for this item: CB\_F4\_MORE\_X

**F4.** Please enter first staff name.

Respondents originally provided staff names or initials. For disclosure reasons, this variable has been recoded and contains the loop number (X) in place of name/initials, indicating the iteration in which a staff person was reported.

-9 MISSING

-1. DON'T KNOW/REFUSED/NO ANSWER

In this instance, the variable indicates whether the respondent reported a staff member name. Subsequent variables in the question series with the same loop identifier will contain data associated with that individual. When looking at the two follow-up questions below data from variable CB\_F4\_CERT\_1 and CB\_F4\_EXPERIENCE\_R\_1 provide information on certification and years of experience for she staff person named at CB\_F4\_STAFFNAME\_R\_1. Data associated with the individual reported at CB\_F4\_STAFFNAME\_R\_2 will be found in variables CB\_F4\_CERT\_2 and CB\_F4\_EXPERIENCE\_R\_2.



#### **CB\_F4\_CERT\_X (X = 1 TO 10)**

Variables affecting eligibility for this item: **CB\_F4\_MORE\_X, SKIP LOGIC BOX 6**

**F4h.** Does [NAME] have some form of certification from a college or university to teach young children, or as a special education or elementary school teacher?

1. YES
2. NO
3. DON'T KNOW/REFUSED/NO ANSWER



#### **CB\_F4\_EXPERIENCE\_R\_X (X = 1 TO 10)**

#### **(R) CB\_F4\_EXPERIENCE\_X (X = 1 TO 10)**

Variables affecting eligibility for this item: **CB\_F4\_MORE\_X, SKIP LOGIC BOX 6**

**F4l.** How many years of experience does [NAME] have working with children under age 13? Please do not count any experience raising (his/her) own children.

Note that the number of loops is generally governed either by the maximum set within the questionnaire or by the maximum value achieved within the data. As a result, many loops are ‘empty’ because respondents may not have had responses to populate all loops. For example, a classroom with only two staff would still have ten loops in the data, but the final eight loops would appear as valid skips because there were no third through tenth staff members about whom to collect data.

### **3.2.3 Data Flags**

Data flags accompany derived variables and provide information about disclosure, imputation, or specific assumptions used in creating the variable. Some flags identify cases that were suppressed, top coded, or capped to prevent disclosure. Other flags identify cases that were imputed and what source of information were imputed. For instance, see the variable below from the workforce data file. Respondents reported their wage in various units and all this information was combined to create a single hourly wage variable. A respondent may have reported wage, indicated this amount was paid to her on a weekly basis, but because she didn't report hours worked per week, we cannot calculate hourly wage based only on her responses. Instead of not reporting any information on wage for this respondent, we relied on the reported wage and unit information and imputed hours worked per week using mean hours worked per week reported in the linked CB case for the same job title. In this case, the data quality flag for hourly wage has a value of 3, which indicates that we imputed hours worked per week.

### **WF\_FLAG\_B4\_IMPUTE (QT=WF\_WORK\_WAGE\_IMP)**

Imputation flag for B4 hourly wage. The flag tracks what imputation methods were used in the process of producing the created variable hourly wage.

1. Unit imputed for non-missing amount
2. Unit changed for outlier amount
3. Imputed hours worked per week
4. Imputed weeks open per year
5. Hours worked per day set to 6
6. Imputed amount from same job title in corresponding CB case

### **3.3 Understanding Variable Entries**

On the following page we provide a sample variable entry along with a description of the central features. Because this documentation serves two data files and provides references to the quick tabulation data file, we have developed a series of symbols to help users identify variables.



#### **WF\_WORK\_CRCLM\_NAME\_FAKEEXAMPLE (R) WF\_C1\_NAMECURRE\_FAKEEXAMPLE\_R**

Variables affecting eligibility for this item: **WF\_C1\_CURRICULUM\_FAKEEXAMPLE**

1

C1B. What is the name of the curriculum or approach used?

1. A curriculum we developed ourselves (n=1,357)
2. Galileo (n=10)
3. Montessori Infant/Toddler Curriculum (n=19)
4. Montessori Preschool Curriculum (n=20)
5. Scholastic Early Childhood Program (n=80)
6. Opening the World of Learning (OWL) (n=65)
7. Preschool Paths (n=15)
8. Added: Montessori (Unspecified) (n=5)
9. Added: Curricula dictated by host organization (n=72)
10. Added: Purchased/publicly available curricula (n=200)
11. Added: Activities we developed ourselves (n=15)
12. Montessori for Infant/Toddler; Preschool; or Unspecified age group (collapses original categories 3, 4, 8)
13. A curriculum or activities we developed ourselves (collapses categories 1, 11)
14. Other (collapses categories 2,7)
- 2. Not applicable - Did not use curriculum. (n=689)



2

#### **NOTES:**

A number of categories were collapsed into broader categories (12, 13, 14) to minimize the risk of disclosure in the public-use data. Total frequencies for each category are presented above (denoted by n=).

*Please see the WF restricted-use data file for the more comprehensive variable.*



3

#### **ENTRY NAME**

This portion contains one or more variable names. Symbols are used in the entry name section to denote characteristics specific to the variable or question:



**BLUE CHECK MARK** This symbol indicates that the variable is also in the Quick Tabulation File. If the QT variable has a different name, it is denoted in parentheses and red text after the PU name. In the above example, the PU variable and QT variable share the same name.

**(R) BLACK (R)** This symbol indicates that there is a restricted use variable which contains additional information. In the above example, the restricted-use variable is WF\_C1\_NAMECURR\_FAKEEXAMPLE\_R



**RED & WHITE ARROW** This symbol indicates that eligibility is required for the respondent to answer or be directed to this question.

## QUESTION TEXT/HOW VARIABLE CONSTRUCTED

2

If a survey item, this portion contains the original question, including the question number and text, and response options. New categories developed during the coding process are clearly marked in the variable code frame; labels “other recoded to” and “added” indicate new categories. It is important to note that any category with a label of “added” or “other recoded to” was not available for respondents during the administration of the interview. Collapsed categories also were not available for respondents during the administration of the interview. If the variable is not a direct report from the survey instrument, this section will provide details on the variable was constructed.

If the variable has been derived, this section of the variable entry will describe how it was constructed.

## NOTES

3

This section the entry contains any additional information relevant to the question or variable. For instance, the notes may contain information about how the variable has been treated to prevent disclosure or references to other related variables in the data files.



This symbol accompanies notes.

## 3.4 Disclosure Treatment in Preparation of NSECE Data Files

### 3.4.1 Disclosure Limitation Strategy

The NSECE presents a complex disclosure challenge in that it consists of four related surveys (HH, HB, CB, and WF) based on correlated geographic areas. Each file type presents its own set of disclosure risks. The data files for Center-based Providers presented a unique challenge. Centers were sampled at a relatively high rate from the population, they come from a smaller population than the other survey populations, and by their nature they are more identifiable. There is a large amount of publicly available data describing centers, including government registries, licensing databases, and centers own marketing material and websites. This amount of information means that we had to be very conservative when treating CB variables and creating CB data files. It was also very important to consider how the connections between the data files, especially geographic ones, could lead to inadvertent re-identification risk of participating respondents.

Analyses of the sample and of survey data items indicated that the greatest disclosure risk stemmed from geographic disclosure or unintended geographic linking of the data files. For this reason, the core of the disclosure limitation strategy for the NSECE data files was ensuring that specific geography of the respondents, in all file types, was protected. Our analyses indicated that if geography remained uncertain it would be very difficult for an outside party to re-identify individual observations in the data files, and prevent unintended linking between the files. Conversely, geographic specificity would quickly lead to deductive disclosure of participating entities. All remaining disclosure limitation procedures were implemented with the assumption that geography would not be disclosed. Variables were treated not only to prevent disclosure of an individual record (even without the aid of geography), but also (as in the case of community characteristics variables) to ensure that the geography of the respondent was also adequately protected.

Another aspect of the disclosure limitation strategy was determining the appropriate level of access for each variable, or family of variables. NSECE data files feature 4 levels of access ranging from unrestricted use of publically available files with a limited number variables and extensive disclosure treatment, to highly restricted access to archived identifiable and untreated data. In between are two levels of restricted use files varying degrees of disclosure treatment and linking between data files. The interest from the user community and the disclosure implications of variables, both on their own in combination with other variables, were considered when deciding which variables belonged at each level of access.

#### ***What Types of Variable Were Treated for Disclosure?***

In general, variables that were determined to be known, or knowable, by outside parties and that made some observations unique or rare in the data were treated by various disclosure limitation techniques outlined in the following section. At the household level, these variables include individual and household demographics as well as detailed employment and family structure data. Disclosure treatment of variables describing ECE centers include staff and child demographic information, enrollment types and counts, curriculum, and funding sources. In addition, variables that may not be known by outsiders, but were considered to be sensitive, were also treated for disclosure. This includes data surrounding wages and income.

#### ***What Variables Didn't Get Treated?***

Many variables in the NSECE did not require disclosure treatment. Variables that characterized the response to subjective questions were not considered to be disclosive, and were not treated. Disclosure treatment was also not applied to variables and portions of the data where observations were not rare or unique. As long as there were an adequate number of similar observations for a given dimension, disclosure treatment was not applied.

### **3.4.2 Summary of Disclosure Limitation Methods**

#### ***Removal of Direct Identifiers***

The first steps taken to prevent disclosure were the removal of all direct identifiers of any sampled household or child care center, or any member of that unit, from the data. This includes, but is not limited to, the removal of all names, addresses, telephone numbers, or any other directly identifying variables. In addition the removal of names or any other identifying information of family or staff members associated with a sampled household or child care center were removed and replaced with non-identifying numbers to be used to distinguish between members of the same household or center.

### ***Top Coding***

Top coding was one of the primary methods of disclosure limitation used in the NSECE. Top coding was generally applied to the top 1 or 2 percentiles of non-zero, non-missing values for many continuous variables. Monetary values, such as rates, wages and income were usually top coded if they were larger than the 99<sup>th</sup> percentile, while other values such as enrollment counts were top coded if they exceeded the 98<sup>th</sup> percentile. There were some instances where the number of top coded observations was capped to avoid a large number (substantially more than 1 or 2 percent) of observations from being top coded. Top coded observations were coded to the median value of all observations selected for top coding.

In most cases top coding was applied unconditionally across the entire data set. There were some instances where top-coding was applied conditionally using combinations of two or more categorical variables to define a subset of observations prior to top coding. An example of this is WF\_WORK\_WAGE, where a combination of urban/rural, auspice and education was used to define sub-groups prior to defining the percentiles that guided top coding. This was done to ensure that these conditional variables could not be used to disclose WF\_WORK\_WAGE for a single observation.

### ***Suppression of Large Sums***

If the sum of several count variables exceeded a maximum threshold then all component variables contributing to that very large sum were suppressed. An example of this is the sum of CB\_AGECAT\_TOTENROLL\_TC\_[0, 1, 2, 3, 4, 5, SA]. If the sum of these 7 variables exceeded the maximum threshold, then all seven values were suppressed. This procedure was used to prevent the re-identification of observations at the high end of an implied distribution in the data.

### ***Percentages in Place of Counts***

One method that was used to prevent disclosure via large values and combinations of values, such as enrollments, was to express these numbers as percentages of the total. For example the percentage of children enrolled full time by age group is reported in the CB data as a percentage of the overall enrollment by age group. This allows the proportion of full time enrollments to be studied without directly disclosing the total number of full time children in each age group at each center. The denominator of these percentages is often presented in the data though it may be top coded or suppressed for disclosure reasons. When present, this allows the calculation of the counts these percentages represent, but since the total may be altered, and the percentage may be rounded, this count may only represent an estimate of the true count.

### ***Recoding and Coarsening***

Recoding was commonly used for high dimensional categorical variables in the data, or any categorical variable where some levels were rare. This allowed the nature of the most common values to be studied while protecting the rarest values in the data. A common example is language, where English and Spanish and a combination of the two are presented, but all other language are combined into the ‘other’ category.

Coarsening is the recoding of continuous variables into bins, or groups, converting it into a categorical variable. This is done when precise values may result in disclosure, but a range of the variable can still be useful to the analyst. This is prevalent in the distance variables presented in the HH file. In this case ranges were used because it was determined that precise combinations of distances presented a significant disclosure risk.

### ***Suppression of Sparse Data***

There are instances in the data, where the number of observations with non-missing values for some variables is so small that all values are suppressed to protect those observations from disclosure. This

occurred most frequently with home-based providers, where the number of observations for some subsets of providers was fairly small, with some variables very sparsely populated. In these cases the variables may have been completely suppressed from public use files and available only in restricted use, or values for some portions of the data were suppressed from public use and available only in restricted use.

***Interview Timing Data***

Data detailing when interviews occurred and how much time was spent on each section is available on the PUF. The only information suppressed was for interviews that occurred at the very beginning or end of the interview period. This was essentially a top and bottom coding of interview data. In order to ensure this information was protected, all dates were also removed from the timestamps that mark the completion of each section.

***Community Characteristics Variables***

A limited number of variables derived from American Community Survey variables are included in the data files. Only a limited number of variables could be included in public use data while still protecting the geographic identity of the observations. The variables included were chosen based on analytic interests that had been expressed by potential users of the files and by the sponsoring agency. The weighted ACS values included are the result of a complex geographic weighting procedure, and were also coarsened to limit the number of unique combinations of values observed in the data. Community characteristics variables may appear in categorical form in public use data, with underlying continuous measures of the characteristics available in restricted use files.

## 4. Analyzing Household Survey Data

### 4.1 Sampling Weights and Variance Estimation

#### 4.1.1 Household Respondent

The respondent for the household survey was to be an adult in the household who was ‘knowledgeable about the ECE usage and schedule of the youngest child in the household.’ We preferred a parent, and indeed, the vast majority of household survey respondents were biological mothers of the children under age 13 years in the household, but on occasion the respondent might also have been a father, another guardian (such as a grandmother with custody or a foster parent), or rarely, a non-custodial adult in the household. That individual reported all of the data requested in the questionnaire, including detailed demographic and schedule information about each child under the age of 13 years in the household, and about each adult in the household who was a parent to one of these children or a regular caregiver (at least 5 hours per week) to one of these children.

The number of respondents is equal to the number of household interviews completed: 11,629. From these interviews, data were collected on 21,665 children under age 13 years. All of the child-specific data were collected from a single respondent in each household. In some infrequent cases, the relationship of the respondent to the child is non-parental. For example, imagine a household with two subfamilies: a married couple with a 9 year old daughter and a 17 year old son. The 17 year old might in turn have a girlfriend with whom he has an infant. The infant and the 9 year old would be enumerated among the children under age 13 in the household. The same respondent would report about both children as well as the work-related schedule of the 17-year old, his girlfriend, and the two married adults. In this case, some variables may not be as useful or readily interpreted as they would be in a household with only a single nuclear family. An easy way to flag many unusual households is to focus on households containing a number of parents other than 1 or 2. 0 parents indicates a foster or other non-parental situation, while the example household would have 4 parents. Of course, some 1 parent households may also have nontraditional relationships among children and adults (for example, a mother with a biological child under age 13 and a foster child also under age 13).

#### 4.1.2 Sampling Weights

There are two sampling weights provided in the Household Survey Main Public Use Data File: the HH\_METH\_WEIGHT (for household-level analyses) and the HHC\_METH\_WEIGHT (for child-level analyses). Applying the HH\_METH\_WEIGHT to the full Household Survey Main Public Use File generates estimates for the 28,082,701 households in the U.S. in 2012 that included one or more children under age 13 years as usual residents and where at least one adult spoke either English or Spanish. Applying the child-level HHC\_METH\_WEIGHT generates estimates for the 52,893,900 children under age 13 years living in a U.S. household in 2012 where at least one adult spoke either English or Spanish.

The calendar data file can be used with either the household-level or child-level sampling weight, depending on the analysis undertaken.

Due to various aspects of the NSECE sampling design, including a 50-state sample, oversampling of low-income areas, and overlapping provider clusters, we advise against any interpretation of estimates based on unweighted data. Rather, users should use the sampling weight variable WF\_METH\_WEIGHT to generate representative estimates.

#### 4.1.3 Design-corrected Standard Errors

The NSECE employed a complex, stratified sample design with clustering. Most statistical software packages will compute standard errors assuming simple random sampling unless the analyst takes steps to estimate design-corrected standard errors that will take into account clustering and other aspects of the sample design. Design-corrected standard errors can be estimated using standard statistical programs by specifying the (first-level) strata variable to be HH\_METH\_VSTRATUM, and the (second-level) cluster variable to be HH\_METH\_VPSU. The VSTRATUM and VPSU variables have been constructed to proxy the NSECE sample design while masking to guard against disclosure risk of respondent identities.

For accurate estimation of standard errors, use the entire data file in analysis, rather than using a subset file that includes only cases contributing data directly to the analysis. For example, an analysis of male respondents should be conducted on a data file that includes both male and female respondents, but with male respondents selected using commands such as ‘subpop’ in STATA or ‘where’ in SAS. Dropping the female respondents from the analysis data file in this example results in overestimation of standard errors.

## 5. Variable-level Documentation

### Derived Variables

#### Methodological Variables

##### HH\_METH\_CASEID

Unique, eight-digit household ID number which begins with "8". This ID uniquely identifies households. This ID is included in the household and child-level files and therefore can be used to merge variables from the child-level file into this household-level file.

##### HHC\_METH\_CASEID

One-digit ID that identifies child 1 through 9 in each household. This variable varies from 1 to 9 and uniquely identifies children within each household. In order to uniquely identify children in the entire data file, this ID needs to be combined with the household ID. This Child ID is only included as a separate variable in this file. This Child ID matches the child's loop number in the HH-PU file. For instance, HHC\_METH\_CASEID = 2 corresponds to the child listed in the second loop in the HH-PU file (e.g. HH\_A1B\_GENDER\_2).

##### HH\_METH\_WEIGHT

Sampling weight. The sampling weight is used in conjunction with HH\_METH\_VPSU and HH\_METH\_VSTRATUM to create point and variance estimates that describe eligible households in the U.S. This weight, HH\_METH\_WEIGHT, sums to the total number of households with children under 13 years old in the U.S. in 2012. It can be used in conjunction with HH\_METH\_VPSU and HH\_METH\_VSTRATUM to create estimates that describe eligible households.

##### HHC\_METH\_WEIGHT

##### HHC\_METH\_WEIGHT\_X (X=1-9)

Sampling weight. The sampling weight is used in conjunction with HHC\_METH\_VPSU and HHC\_METH\_VSTRATUM to create point and variance estimates that describe eligible children in the U.S. This weight, HHC\_METH\_WEIGHT, sums to the total number of children under 13 years old in the U.S. in 2012. It can be used in conjunction with HH\_METH\_VPSU and HH\_METH\_VSTRATUM to create estimates that describe eligible children birth to under thirteen years.

### HSCR\_HH\_NEW

DATA COLLECTION UPDATE TO HOUSEHOLD ELIGIBILITY

1. Updated eligibility information
  0. No change to eligibility information
- 

**(R) HSCR\_HB\_NEW**

DATA COLLECTION UPDATE TO HOME-BASED ELIGIBILITY

1. Updated eligibility information
0. No change to eligibility information

Screener information indicated household is eligible for Home-Based Questionnaire.

---

**HH\_COMPLETE\_DATE**

DATE OF COMPLETION OF HOUSEHOLD INTERVIEW

---

**HH\_SCRN\_DATE**

DATE OF COMPLETION OF HOUSEHOLD SCREENER

---



**HH\_METH\_VPSU**

Constructed variable for use in variance estimation. This variable can be used as a proxy for second-level sample selection to correct standard errors for clustering in the sample design. The accompanying variable for first-level selection is HH\_METH\_VSTRATUM.



**NOTES:**

This variable also appears in the Household Child-level QT file as **HHC\_METH\_PSU**.

---



**HH\_METH\_VSTRATUM**

Constructed stratum variable used in variance estimation. This variable can be used as a proxy for first-level sample selection to correct standard errors for clustering in the sample design. The accompanying variable for second-level selection is HH\_METH\_VPSU

---

**HH\_QUEXLANG**

Language in which interview was completed.

1. English
  2. Spanish
- 

 **HH\_REGION**

 **HHC\_HH\_REGION**

Region of the country where child's household is located: Northeast; Midwest; South; West.

*Additional Explanation on Census tract anchoring and weighted averages*

Communities' characteristics were computed with reference to the U.S. Census tract. Weighted child population averages were computed across the Census tracts that comprise each sampling cluster.

The first half of the weighting structure came from a created distance metric: Census tracts where the providers and/or households interviewed for the NSECE were identified as "anchor census tracts." The other census tracts that were part of the cluster were also identified. With the created distance metric, the created weights are inversely proportional to the distance between the child population centroid of the "anchored" census tract, and each one of the child population centroids of the other census tracts that form the cluster. Weights are inversely proportional to the distance between the population centroid of the "anchored" tract and each reference census tract in a two-mile radius.

The second half of the weighting structure came from the population size of the census tracts and is directly proportional to population size.

ACS averages can be found through the American FactFinder website:

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

1. Northeast
  2. Midwest
  3. South
  4. West
- 

**HH\_MAILSCRN**

Flag indicating whether household was screened by mail

1. Yes, screened in by mail
  2. No, screened by field interviewer
- 

**HH\_MODE**

1. Computer-assisted Telephone Interview (CATI)
  2. Computer-assisted Personal Interview (CAPI)
- 

### **HH\_S1\_NUMCHLDRN**

Number of children under age 13 years initially reported in household screener to determine eligibility for HH interview. Screening may have been conducted several weeks or months prior to the interview date. The number of children under age 13 years confirmed at the start of main interview is found in the variable HH\_CHAR\_NUMCH.

---

### **HH\_S2\_MOTHER**

May I speak to the parent/guardian of the youngest child in the household?

1. ALREADY SPEAKING WITH PARENT/GUARDIAN
  2. PARENT/GUARDIAN AVAILABLE
  3. PARENT/GUARDIAN LIVES IN HOUSEHOLD, NOT AVAILABLE AT THIS TIME
  4. PARENT NOT AVAILABLE DURING SURVEY PERIOD
  5. PARENT DOES NOT LIVE IN HOUSEHOLD
  6. DON'T KNOW
  7. REFUSED
- 

### **HH\_ELAPSEDTIME**

Length of interview

---

### **Child and Household Characteristics**

#### **(R) HH\_CAGEOTHRU5\_X (X=1-9)**

Child X (X=1-9): Age 0 through 5 (for screener count)

0. No
  1. Yes
  - 2. Not applicable
- 

#### **HH\_CAGE12\_X (X=1 to 9)**

Age 7 days before interview: 12 months to <19 months

- 0. No
- 1. Yes
- 9. Child does not exist

**ORIGINAL VARIABLES USED: HH\_CAGEMOS\_X (X=1-9)**

---

#### **HH\_CAGE19\_X (X=1 to 9)**

Age 7 days before interview: 19 months to <24 months

- 0. No
- 1. Yes
- 9. Child does not exist

**ORIGINAL VARIABLES USED: HH\_CAGEMOS\_X (X=1-9)**

---

#### **HH\_CAGE1YR\_X (X=1 to 9)**

Age 7 days before interview: 12 months to <24 months

- 0. No
- 1. Yes
- 9. Child does not exist

**ORIGINAL VARIABLES USED: HH\_CAGEMOS\_X (X=1-9)**

---

#### **(R) HH\_CAGE5THRU8\_X (X=1-9)**

Child X (X=1-9): Age 5 through 8 (for screener count)

- 0. No
- 1. Yes
- 2. Not applicable

#### **(R) HH\_CAGE9THRU12\_X (X=1-9)**

Child X (X=1-9): Age 9 through 12 (for screener count)

- 0. No
- 1. Yes
- 2. Not applicable

**(R) HH\_CAGETEEN\_X (X=1-9)**

Child X (X=1-9): Age 13 through 17 (for screener count)

- 0. No
- 1. Yes
- 2. Not applicable

Based on the response to question B1B for child #X (X=1-9) (age of individual in years). If B1B was DK/REF, this variable is set to missing.

---

**(R) HH\_COLD12\_WHY\_X (X=1-9)**

Child X (X=1-9): Age 13 but treated as age 12 in interview: Screener date, DOB, interview

- 1. Child turned 13 between screener and HH interview
- 2. Child turned 13 in same month as screener but screener was prior to midpoint of month
- 3. Child was age 13 prior to screener based on DOB
- 2. Not applicable

---

**(R) HH\_CRACE\_NHBLACK\_X (X=1-9)**

Child X (X=1-9): Non-Hispanic African American/black (single or multi-race)

- 0. No
- 1. Yes
- 2. Not applicable

If an individual was black with unknown Hispanic/Latino origin, we coded them as “yes” on this indicator. If they were black and had Hispanic/Latino ethnicity, we did not include them.

---

**(R) HH\_CRELATED\_X (X=1-9)**

Child X (X=1-9): Related to R (for selecting poverty threshold)

- 0. No
- 1. Yes
- 2. Not applicable

Determining whether child age 12 and under is related to R (based on response to A2F):

- Related: child is son/daughter, stepchild, brother/sister, grandchild, other relative
- Not related: foster child, other non-relative

**(R) HH\_C2AGE0THRU5\_X (X=1-9)**

Child X (X=1-9): Age 0 through 5 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

**(R) HH\_C2AGE5THRU8\_X (X=1-9)**

Child X (X=1-9): Age 5 through 8 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

**(R) HH\_C2AGE9THRU12\_X (X=1-9)**

Child X (X=1-9): Age 9 through 12 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

**(R) HH\_C2AGETEEN\_X (X=1-9)**

Child X (X=1-9): Age 13 through 17 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 



**HH\_HHCOMP\_NUMCH\_0THRU5YRS**

Number of children ages 0 through 5 in HH

- 0. None
- 1. One
- 2. Two
- 3. Three
- 4. Four or more

Children's age corresponds to their age at the time of interview.



### **HH\_HHCOMP\_NUMCH\_13THRU17YRS**

Number of children ages 13 through 17 in HH

- 0. None
- 1. One
- 2. Two
- 3. Three
- 4. Four or more

Children's age corresponds to their age at the time of interview. For a handful of cases, children were 12 years old when the screener took place and 13 years old when the interview took place. These children are reported as 156 months old.

---



### **HH\_HHCOMP\_NUMCH\_5THRU8YRS**

Number of children ages 5 through 8 in HH

- 0. None
- 1. One
- 2. Two
- 3. Three
- 4. Four or more

Children's age corresponds to their age at the time of interview.

---



### **HH\_HHCOMP\_NUMCH\_9THRU12YRS**

Number of children ages 9 through 12 in HH

- 0. None
- 1. One
- 2. Two
- 3. Three
- 4. Four or more

Children's age corresponds to their age at the time of interview.

---

### **(R) HH\_ALLOTHRU17**

HH has children ages 0 through 5, 6 through 12, & 13 through 17

- 0. No
- 1. Yes

If HH\_ANY0THRU5=1 and HH\_ANY6THRU12=1 and HH\_TEEN=1, this variable is coded as “yes.”

---



### **HH\_HHCOMP\_ANY\_CHILD\_0THRU5YRS**

HH has any children 0-5 years

- 0. No
- 1. Yes



#### **NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



### **HH\_HHCOMP\_ANY\_CHILD\_1YR**

HH has any children 1 year old

- 0. No
- 1. Yes



#### **NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



### **HH\_HHCOMP\_ANY\_CHILD\_2YR**

HH has any children 2 year old

- 0. No
- 1. Yes

 **NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



**HH\_HHCOMP\_ANY\_CHILD\_3YR**

HH has any children 3 year old

- 0. No
- 1. Yes

 **NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



**HH\_HHCOMP\_ANY\_CHILD\_4YR**

HH has any children 4 year old

- 0. No
- 1. Yes

If any of CH\_AGE48\_1-9 = 1, this variable is coded as “yes.”

 **NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



**HH\_HHCOMP\_ANY\_CHILD\_5YR**

HH has any children 5 year old

- 0. No

1. Yes



**NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---



**HH\_HHCOMP\_ANY\_CHILD\_LT12MOS**

HH has any children <12 mos

0. No
1. Yes



**NOTES:**

Please note that the household may have one or more children in each specific age range, and that these variables are not mutually exclusive. The public-use file includes a variable that identifies the age of each child in the household (HHC\_AGE).

**ORIGINAL VARIABLES USED:** A1 series

---

**(R) HH\_BOTH05TEENS**

HH has children ages 0 through 5 & 13 through 17

0. No
1. Yes

If HH\_ANY0THRU5=1 and HH\_TEEN=1, this variable is coded as “yes.”

---

**(R) HH\_BOTH0THRU12**

HH has children ages 0 through 5 & 6 through 12

0. No
1. Yes

If HH\_ANY0THRU5=1 and HH\_ANY6THRU12=1, this variable is coded as “yes.”

---

**(R) HH\_BOTH0THRU17**

HH has children ages 0 through 5 & 6 through 17

- 0. No
- 1. Yes

If HH\_ANY0THRU5=1 and HH\_ANY6THRU12=1, or if HH\_ANY0THRU5=1 and HH\_TEEN=1, this variable is coded as “yes.”

---

**(R) HH\_BOTH6THRU17**

HH has children ages 6 through 12 & 13 through 17

- 0. No
- 1. Yes

If HH\_TEEN=1 and HH\_ANY6THRU12=1, this variable is coded as “yes.”

---

**(R) HH\_LT18REL**

# of children under 18 in HH related to R

Sum of individuals in the HH related to R and under age 18 (based on CH\_LT18REL\_1-9 and HHM\_LT18REL\_1-11). We did NOT set the values of HH\_LT18REL to missing for HHs that included  $\geq 1$  individual whose relationship to R was not known.

---



**HH\_HHCOMP\_MEMBERS  
HHC\_HH\_HHCOMP\_MEMBERS**

Number of HH members

Total number of household members. This variable counts all individuals living in the household, regardless of their age and relationship. Variable characterizes the household and does not represent the number of household members specifically related to each child.

- 1. Don't Know/Refused/No Answer

**ORIGINAL VARIABLES USED:** A1 and B1a series

---

**(R) HH\_MEMBERS1**

Number of HH members (Categorical)

- 0. 1 to 3 HH members
  - 1. 4 HH members
  - 2. 5 HH members
  - 3. 6 or more HH members
- 



### **HH\_HHCOMP\_NUMPARENTS**

### **HHC\_HH\_HHCOMP\_NUMPARENTS**

Number of household members who are parents of any child under age 13 years in the household.

Variable is a characteristic of the household and it is not specific to each child – it does not represent the number of each child's parents who live in same household. For instance, in a multi-family household in which there are two adult sisters, each living with a single child, the number of parents will be two even though each child only lives with one parent. Counts of parents of any child in the household may exceed two.

- 1. Don't Know/Refused/No Answer

**ORIGINAL VARIABLES USED:** A2f, A2g and B1e series

---

### **HH\_ONLY0THRU5**

HH only has children ages 0 through 5

- 0. No
- 1. Yes

This variable is coded as “yes” if HH\_ANY0THRU5=1 and HH\_ANY6THRU12 =0 and HH\_TEEN=0.

---

### **HH\_ONLY13THRU17**

HH only has children ages 13 through 17

- 0. No
- 1. Yes

This variable is coded as “yes” if HH\_TEEN=1 and HH\_ANY0THRU5 =0 and HH\_ANY6THRU12=0.

---

### **HH\_ONLY6THRU12**

HH only has children ages 6 through 12

- 0. No
- 1. Yes

This variable is coded as “yes” if HH\_TEEN=0 and HH\_ANY0THRU5 =0 and HH\_ANY6THRU12=1.

---

 **HH\_CHAR\_RACE**

 **HHC\_HH\_CHAR\_RACE**

Racial/ethnic classification of household. This variable combines information from multiple household members into a single variable with multiple values. Information on the race and ethnicity was reported by the respondent of the household questionnaire for him or herself and for all children in the household under age 13 years. This variable includes categories in which these members of the household have the same racial/ethnic classification and a category in which there are at least two different racial/ethnic categories reported.

- 1. Don't Know/Refused/No Answer
- 1. All HHMs non-Hispanic White
- 2. All HHMs non-Hispanic Black
- 3. All HHMs non-Hispanic Asian
- 4. All HHMs non-Hispanic Native Hawaiian and other Pacific Islander
- 5. All HHMs non-Hispanic American Indian or Alaska Native
- 6. All HHMs non-Hispanic, Other race
- 7. Multi-racial household
- 8. All HHMs Non-Hispanic: Two + races
- 9. All HHMs Hispanic/Latino

**ORIGINAL VARIABLES USED:** A2d and A2e series as well as the B1m and B1n series

---

**HH\_RACE\_2NONH**

All HH members not Hisp/Latino: Two+ races

- 0. No
- 1. Yes

Coded as “yes” if RACE1=7 for all HH members (i.e., all HH members are non-Hispanic and are of two or more races). Coded as “no” if any HH member has a value other than 7 for RACE1 (i.e., any HH member is Hispanic, a single race, or has unknown race/ethnicity.)

See note for HH\_RACE\_WHITE. In addition, for this indicator, while all HH members were multi-racial and were non-Hispanic, they may not share the same racial makeup with each other.

---

### **HH\_RACE\_AI**

Not Hisp/Latino, single-race HH: American Indian and Alaska Native

- 0. No
- 1. Yes

Coded as “yes” if RACE1=5 for all HH members (i.e., all HH members are non-Hispanic American Indian or Alaska Native). Coded as “no” if any HH member has a value other than 5 for RACE1 (i.e., any HH member is not non-Hispanic American Indian or Alaska Native or has unknown race/ethnicity.) See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_ALLHISP**

Single-ethnicity HH: Hispanic/Latino (members of any race)

- 0. No
- 1. Yes

Coded as “yes” if RACE1=8 for all HH members (i.e., all HH members are Hispanic). Coded as “no” if any HH member has a value other than 1 for RACE1 (i.e., any HH member is not Hispanic or has unknown race/ethnicity.) See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_AS**

Not Hisp/Latino, single-race HH: Asian

- 0. No
- 1. Yes

Coded as “yes” if RACE1=3 for all HH members (i.e., all HH members are non-Hispanic Asian). Coded as “no” if any HH member has a value other than 3 for RACE1 (i.e., any HH member is not non-Hispanic Asian or has unknown race/ethnicity.) See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_BL**

Not Hisp/Latino, single-race HH: Black or African American

- 0. No
- 1. Yes

Coded as “yes” if RACE1=2 for all HH members (i.e., all HH members are non-Hispanic black). Coded as “no” if any HH member has a value other than 2 for RACE1 (i.e., any HH member is not non-Hispanic black or has unknown race/ethnicity.) See note for HH\_RACE\_WHITE.

### **HH\_RACE\_MULTI**

Multi-racial household

- 0. No
- 1. Yes

Coded as “yes” if two or more HH members have different values for RACE1 (i.e., all HH members are non-Hispanic white). Coded as “no” if all HH member have the same value for RACE1 (i.e., any HH member is not non-Hispanic white or has unknown race/ethnicity.) See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_NH**

Not Hisp/Latino, single-race HH: Nat. Hawaiian & Other Pacific Isl.

- 0. No
- 1. Yes

Coded as “yes” if RACE1=4 for all HH members (i.e., all HH members are non-Hispanic Native Hawaiian and Other Pacific Islander). Coded as “no” if any HH member has a value other than 4 for RACE1 (i.e., any HH member is not non-Hispanic Native Hawaiian and Other Pacific Islander or has unknown race/ethnicity.)

See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_OT**

Not Hisp/Latino, single-race HH: Some other race

- 0. No
- 1. Yes

Coded as “yes” if RACE1=6 for all HH members (i.e., all HH members are non-Hispanic and were reported to be of some race other than white, black, Asian, Native Hawaiian/other Pacific Islander, or American Indian/Alaska Native). Coded as “no” if any HH member has a value other than 6 for RACE1 (i.e., any HH member is not non-Hispanic some other race or has unknown race/ethnicity.)

See note for HH\_RACE\_WHITE.

---

### **HH\_RACE\_WH**

Not Hisp/Latino, single-race HH: White

- 0. No
- 1. Yes

Coded as “yes” if RACE1=1 for all HH members (i.e., all HH members are non-Hispanic white). Coded as “no” if any HH member has a value other than 1 for RACE1 (i.e., any HH member is not non-Hispanic white or has unknown race/ethnicity.)

Note: All HHs are coded as “yes” on one but only one of the following variables (unless any HH member is missing on race/ethnicity—i.e., RACE1=9; in which case the following are all set to 0):

HH\_RACE\_WH, HH\_RACE\_WH, HH\_RACE\_BL, HH\_RACE\_AS, HH\_RACE\_NH, HH\_RACE\_AI,  
HH\_RACE\_OT, HH\_RACE\_2NON, HH\_RACE\_ALLHISP, HH\_RACE\_MULTI.

---

### HH\_RACEALLBL

All HH members are Hisp/Latino: Black or AA

- 0. No
- 1. Yes

All HH members are coded as “yes” on RACE\_NHBLACK (i.e., CH\_RACE\_NHBLACK1-9 and HHM\_RACE\_NHBLACK1-11).

---

### HH\_RELATE\_NOG

HH includes adult relatives of R who have no children in HH (excludes R’s parent)

- 0. No
- 1. Yes

If any of HHM\_RELATE\_NOG\_1-11=1, this variable is coded as “yes.”

---

### HH RELATED

# of individuals in HH related to R

Sum of HHM RELATED\_1-11 and CH RELATED\_1-9. We did NOT set the values of HH RELATED to missing for HHs that included  $\geq 1$  individual whose relationship to R was not known.

---

### HH\_RPARENT

Respondent is a bio/adoptive or step-parent to  $\geq 1$  child in HH

- 0. No
- 1. Yes

Indicates whether the respondent is a parent. Coded 1 if the response to A2F has a value of 1 or 2 for any child in the HH (indicating that the Respondent has a son/daughter or stepchild under age 13 in the HH). Note that R is not counted as parent if he/she is the foster parent of  $\geq 1$  child in the HH and does not have any other children in the HH indicated to be his/her son/daughter or stepson/stepdaughter.

---

## HH\_TEEN

HH has child aged 13-17

- 0. No
- 1. Yes

If any of CH\_AGETEEN\_1-9=1 and none are missing, this variable is coded as “yes.”

---

## (R) HH\_MAGETEEN\_X (X=1-12)

HH member > age 12 #X (X=1-12): Age 13 through 17 (for screener count)

- 0. No
  - 1. Yes
  - 2. DK/REF
  - 2. Not applicable
- 

## (R) HH\_MB1D\_RECODE\_X (X=1-12)

HH member > age 12 #X (X=1-12): B1D recode (What is R's relationship to [HHM]?)

- 1. Spouse (legally married)
  - 2. Partner (not legally married)
  - 3. Parent or Parent-in-law
  - 4. Child or child-in-law
  - 5. Sibling or sibling-in-law
  - 6. Other relative
  - 7. Non-relative
  - 8. DK/REF
  - 9. Added: Friend/roommate
  - 10. Added: Rental relationship
  - 11. Added: Live-in nanny
  - 12. Added: Other household staff
  - 13. Added: Relative of partner
  - 14. Added: Partner of related HH member
  - 15. Added: Ex-wife/husband/partner
-

✓ **HH\_HCOMP\_RELATIONS\_GPARENT**  
✓ **HHC\_HH\_HCOMP\_RELATIONS\_GPARENT**  
**(R) HH\_MGPARENT\_X (X=1-12)**

Indicator of whether the household reports having one or more grandparents to a child under age 13 years in the household.

- |                                  |            |
|----------------------------------|------------|
| -1. Don't Know/Refused/No Answer | (QT/PU)    |
| 0. No                            | (QT/PU)    |
| 1. Yes                           | (QT/PU/RU) |
| 2. DK/REF                        | (RU)       |
| -2. Not applicable               | (RU)       |

Grandparents may be related to one or more children under age 13 in the household. Household members were identified as grandparents whenever the respondent of the household questionnaire identified them as his/her parents or parents-in-law and the respondent of the household questionnaire was a parent to any child in the household. Variable is a characteristic of the household where the child lives and it is not specific to each child. For instance, even if a grandmother is related to only one of the children in the household, this variable will identify the household as having a grandparent. For a handful of cases in which the relationship among all household members was reported as DK/REF, this variable reported no grandparents in the household.

The restricted-use variable (HH\_MGPARENT) was constructed by looking across children ages 0-12 to identify those who were A2F=4 (grandchild of R). We then set the grandparent indicator to missing if the relationship question a2f did not have valid data for any child in the HH, even if R reported being a grandparent to at least one child. This was the case for only 2 R's (and these R's had not reported being grandparent to any children in their HH). We also counted individuals as grandparents if other HHMs are parents or parents-in-law to the R and the R is a parent to any child in the HH.

**ORIGINAL VARIABLES USED:** A2f and B1d series

---

**(R) HH\_MHAVECHILD\_X (X=1-12)**

HH member > age 12 #X (X=1-12): Has a child < age 13 in HH

- |                    |
|--------------------|
| 0. No              |
| 1. Yes             |
| -2. Not applicable |

Indicates whether adults age 14 and older in the HH are a parent to any child in HH. The value is set to 1 if respondent is a parent (HH\_RPARENT=1). For HH members over age 13, the R reports only whether those individuals "have any children under the age of 13 in the HH" (question B1E). Thus, for other adults besides the R, it is not clear whether foster children and stepchildren are included.

---

### (R) HH\_MLT18REL\_X (X=1-12)

HH member > age 12 #X (X=1-12): Under age 18 & related to R (for selecting poverty thresh

- 0. No
- 1. Yes
- 2. Not applicable

Determining whether HH member (HJM) over age 12 is related to R (Based on HJM\_B1D\_RECODE):

- Related: spouse, parent or parent-in-law, child or child-in-law, sibling or sibling-in-law, other relative
- Not related: Non-relative, Added: friend/roommate; rental relationship; live-in nanny; other household staff; relative of partner, boyfriend/girlfriend; partner of related HJM, ex-wife, husband/partner

Determining whether child was under age 18:

40 individuals treated in the data as over age 12 (i.e., child data not collected on them) are actually under age 13, according to responses to B1B. Also, some individuals treated as under age 13 had turned age 13 before the screener. In determining whether any individual is under age 18, as long as age is reported to be less than 18, individuals are counted (assuming they are related to the R), even if they were incorrectly treated as younger than or older than 12 in the survey.

Missing data across HH members is not an issue in calculating whether HH has any children of various ages 0-12 because there are no missing data for children of this age range. Missing data are only a problem for HH members over age 12. Individuals whose age is unknown are excluded from the count of children under age 18 related to the R.”

---



### HH\_HCOMP\_RELATIONS\_NONE HHC\_HH\_HCOMP\_RELATIONS\_NONE

Indicator of whether the household reports any unrelated adults without children under age 13 years in the household.

- 1. Don't Know/Refused/No Answer
- 0. No
- 1. Yes

Variable identifies households that have one or more adults (18 years old or older) who are not a relative of the household questionnaire's respondent and do not have any children under age 13 living in the household. Variable characterizes the household and does not represent whether each child lives with any unrelated adults. A household member is identified as unrelated to children in the household if the respondent of the household questionnaire does not report any familial relationship with a child under age 13 in the household and if the respondent of the household questionnaire reports him/her as partner (i.e., not legally married); friend/roommate; rental relationship; live-in nanny; other household staff; relative of

partner, boyfriend/girlfriend; partner of related household member; or ex-wife/ex-husband/ex-partner. Household member is identified as related to a child in the household if the respondent of the household questionnaire reports him/her as spouse (i.e., legally married); parent or parent-in-law; sibling or sibling-in-law; other relative; or child or child-in-law. For a handful of cases in which the relationship among all household members was reported as DK/REF, this variable reported no unrelated adults in the household.

**ORIGINAL VARIABLES USED:** A2f and B1d series

---

**(R) HH\_MRACE\_NHBLACK\_X (X=1-12)**

HH member > age 12 #X (X=1-12): Non-Hispanic African American/black (single or multi-race)

- 0. No
- 1. Yes
- 2. Not applicable

If an individual was black with unknown Hispanic/Latino origin, we coded them as “yes” on this indicator. If they were black and had Hispanic/Latino ethnicity, we did not include them.

---

**(R) HH\_MRACE1\_X (X=1-12)**

HH member > age 12 #X (X=1-12): Race & Hispanic origin

- 1. Single race: Non-Hispanic or Latino, White
- 2. Single race: Non-Hispanic or Latino, Black or African American
- 3. Single race: Non-Hispanic or Latino, Asian
- 4. Single race: Non-Hispanic or Latino, Native Hawaiian and Other Pacific Islander
- 5. Single race: Non-Hispanic or Latino, American Indian or Alaska Native
- 6. Single race: Non-Hispanic or Latino, some other race
- 7. Two or more Non-Hispanic or Latino races
- 8. Hispanic or Latino origin (any race or race not reported)
- 9. Missing
- 2. Not applicable

If the person was reported to be of Hispanic or Latino origin, then the person was categorized as Hispanic (RACE1=8), regardless of whether race was “Don’t know/Refused” (DK/REF). If the response to the Hispanic ethnicity question was DK/REF and it was not volunteered in response to the race question whether or not the person was of Hispanic origin, then the individual was coded as missing (RACE1=9), even if the race question had been answered.

---

**(R) HH\_MRECORDS**

Number of records for HH members >= age 13 in HH

### (R) HH\_MRELATE\_NOG\_X (X=1-12)

HH member > age 12 #X (X=1-12): Person is an adult non-grandparent relative

- 0. No
- 1. Yes
- 2. DK/REF
- 2. Not applicable

Respondents are counted as related.

- We define “related” based on responses to HHM\_B1D\_RECODE as cases where R is the HHM’s: 1. Spouse (i.e., legally married), 3. Parent or Parent-in-law, 5. Sibling or sibling-in-law, or 6. Other relative
  - We define “not related” as R’s: 2. Partner (i.e., not legally married), 7. Non-relative, 9. Added: Friend/roommate, 10. Added: Rental relationship (landlord, tenant, etc.), 11. Added: Live-in nanny, 12. Added: Other household staff, 13. Added: Relative of partner, boyfriend/girlfriend, 14. Added: Partner of related HH member, 15. Added: Ex-wife/husband/partner)
  - Individuals classified as grandparents (HHM\_GPARENT\_#) are excluded from this count.
- 

### (R) HH\_MRELATED\_X (X=1-12)

HH member > age 12 #X (X=1-12): Related to R (for selecting poverty threshold)

- 0. No
- 1. Yes
- 2. Not applicable

Determining whether HH member (HHM) over age 12 is related to R (Based on HHM\_B1D\_RECODE\_#):

- Related: spouse, parent or parent-in-law, child or child-in-law, sibling or sibling-in-law, other relative
  - Not related: Non-relative, Added: friend/roommate; rental relationship; live-in nanny; other household staff; relative of partner, boyfriend/girlfriend; partner of related HHM, ex-wife, husband/partner
- 

### (R) HH\_M2AGE0THRU5\_X (X=1-12)

HH member > age 12 #X (X=1-12): Age 0 through 5 (for complete HH count)

- 0. No
- 1. Yes
- 2. Not applicable

### (R) HH\_M2AGE5THRU8\_X (X=1-12)

HH member > age 12 #X (X=1-12): Age 5 through 8 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

### (R) HH\_M2AGE9THRU12\_X (X=1-12)

HH member > age 12 #X (X=1-12): Age 9 through 12 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

### (R) HH\_M2AGETEEN\_X (X=1-12)

HH member > age 12 #X (X=1-12): Age 13 through 17 (for complete HH count)

- 0. No
  - 1. Yes
  - 2. Not applicable
- 

### HH\_PARCH\_Y\_X (Y= child number 1 to 9; X = HHM number 1 to 12)

Flag indicating HHM X is a parent of child Y. Based on B1E and B1E\_1.

- 9. No adult and no child
  - 8. No adult; child exists
  - 7. Adult exists; no child
  - 2. Parental status not asked (legitimate skip)
  - 1. Parental status DK/REF
  - 0. HHM X is not a parent of Child Y
  - 1. HHM X is a parent of Child Y
- 

### HH\_PTYPE\_X

- 0. Data unavailable

1-15: Provider is a HH member; HH roster number matches 1-15 value

16-30: Provider added at **C1A\_LIST**

31-45: Provider is a not-last-week provider added at C3/C4

## HH\_PUBASSIST

Currently receiving WIC, food stamps, or free/reduced price lunch

- 1. DK/REF
- 0. No
- 1. Yes

Any current receipt of WIC, food stamps or free/reduced price lunch. Assumptions: if receiving any public assistance, set to 1. Else, if missing one or more of the three public assistance items, set to missing. Else, set to 0.

**ORIGINAL VARIABLES USED:** HH\_WIC, HH\_FOODSTAMP, HH\_FREELUNCH

---

## HH\_COTO60\_X (X = 1 to 9)

Child age is between 0 and < 60 months old

- 9. Child does not exist
- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_CAGE00\_X, HH\_CAGE1YR\_X, HH\_CAGE24\_X,  
HH\_CAGE36\_X, HH\_CAGE48\_X

---

## HH\_COTO12\_X (X = 1 to 9)

Child age is between 0 and < 12 months old

- 9. Child does not exist
- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_CAGE00\_X, HH\_CAGE1YR\_X, HH\_CAGE24\_X,  
HH\_CAGE36\_X, HH\_CAGE48\_X

---

## HH\_COTO36\_X (X = 1 to 9)

Child age is between 0 and < 36 months old

- 9. Child does not exist
- 0. No

1. Yes

**ORIGINAL VARIABLES USED:** HH\_CAGE00\_X, HH\_CAGE1YR\_X, HH\_CAGE24\_X,  
HH\_CAGE36\_X, HH\_CAGE48\_X

---

### **HH\_C36TO60\_X (X = 1 to 9)**

Child age is between 36 and < 60 months old

- 9. Child does not exist
- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_CAGE00\_X, HH\_CAGE1YR\_X, HH\_CAGE24\_X  
HH\_CAGE36\_X, HH\_CAGE48\_X

---

### **HH\_ANY0TO60**

HHs with any child aged 0 to < 60 months

- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_ANYLT12M, HH\_ANY1YR, HH\_ANY2YR, HH\_ANY3YR,  
HH\_ANY4YR

---

### **HH\_ANY0TO36**

HHs with any child aged 0 to < 36 months

- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_ANYLT12M, HH\_ANY1YR, HH\_ANY2YR, HH\_ANY3YR,  
HH\_ANY4YR

---

### **HH\_ANY36TO60**

HHs with any child aged 36 to < 60 months

- 0. No
- 1. Yes

**ORIGINAL VARIABLES USED:** HH\_ANYLT12M, HH\_ANY1YR, HH\_ANY2YR, HH\_ANY3YR, HH\_ANY4YR

---

### Search for Nonparental Care

#### HH\_SELECTAGE

Age of selected child (from C14)

**ORIGINAL VARIABLES USED:** HH\_C14\_SELECT

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#### HH\_SEL\_GROUPS

Age groups of selected children

1. 1: 0 to <12 mos
2. 2: 12 to <36 mos
3. 3: 36 to <60 mos
4. 4: 60 to <72 mos
5. 5: 72 to <108 mos
6. 6: 108+ mos

**ORIGINAL VARIABLES USED:** HH\_C14\_SELECT, HH\_AGE CALC\_X

---

#### HH\_SELOT060

HHs with a selected child aged 0 to < 60 months

0. No
1. Yes

**ORIGINAL VARIABLES USED:** HH\_SEL\_GROUPS

---

#### HH\_SELOT072

HHs with a selected child aged 0 to < 72 months

0. No
1. Yes

**ORIGINAL VARIABLES USED:** HH\_SEL\_GROUPS

### **HH\_SEL0TO12**

HHs with a selected child aged 0 to < 12 months

- 0. No
- 1. Yes

#### **ORIGINAL VARIABLES USED: HH\_SEL\_GROUPS**

---

### **HH\_SEL0TO36**

HHs with a selected child aged 0 to < 36 months

- 0. No
- 1. Yes

#### **ORIGINAL VARIABLES USED: HH\_SEL\_GROUPS**

---

### **HH\_SEL36TO60**

HHs with a selected child aged 36 to < 60 months

- 0. No
- 1. Yes

#### **ORIGINAL VARIABLES USED: HH\_SEL\_GROUPS**

---

### **HH\_SEL36TO72**

HHs with a selected child aged 36 to < 72 months

- 0. No
- 1. Yes

#### **ORIGINAL VARIABLES USED: HH\_SEL\_GROUPS**

---

### **HH\_RESULT**

Result of search in last 24 mos

- 1. DK/REF
- 0. Did not result in (change of) care
- 1. Resulted in (change of) care

**ORIGINAL VARIABLES USED: HH\_F13\_RESULT\_R**

---

**HH\_F9C\_CENTER**

Any center care - For those who considered multiple providers

- 2. No search last 2 years or considered one/unknown # providers
- 1. DK/REF about search preferences (DK/REF for **HH\_F9C\_TYPE\_R\_1** or **HH\_F9C\_TYPE\_R\_2**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED: HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE, HH\_F9C\_TYPE\_R\_X**

---

**HH\_F9C\_PERSONAL**

Any relative/family/someone familiar care - For those who considered multiple providers

- 2. No search last 2 years or considered one/unknown # providers
- 1. DK/REF about search preferences (DK/REF for **HH\_F9C\_TYPE\_R\_1** or **HH\_F9C\_TYPE\_R\_2**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED: HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE, HH\_F9C\_TYPE\_R\_X**

---

**HH\_F9C\_NOPERSONAL**

Any home-based provider with no prior personal relationship - For those who considered multiple providers

- 2. No search last 2 years or considered one/unknown # providers
- 1. DK/REF about search preferences (DK/REF for **HH\_F9C\_TYPE\_R\_1** or **HH\_F9C\_TYPE\_R\_2**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED: HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE, HH\_F9C\_TYPE\_R\_X**

---

**HH\_F9C\_OTH**

Other types of care - For those who considered multiple providers

- 2. No search last 2 years or considered one/unknown # providers
- 1. DK/REF about search preferences (DK/REF for **HH\_F9C\_TYPE\_R\_1** or **HH\_F9C\_TYPE\_R\_2**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE, HH\_F9C\_TYPE\_R\_X

---

### **HH\_F6A\_CENTER**

Any center care - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # providers
- 1. DK/REF about search preferences (DK/REF to **HH\_F6A\_PRVTYPE**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F6A\_PRVTYPE, HH\_F5\_MULTIPLE

---

### **HH\_F6A\_PERSONAL**

Any relative/family/someone familiar care - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # providers
- 1. DK/REF about search preferences (DK/REF to **HH\_F6A\_PRVTYPE**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F6A\_PRVTYPE, HH\_F5\_MULTIPLE

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### **HH\_F6A\_NOPERSONAL**

Any home-based provider with no prior personal relationship - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # providers
- 1. DK/REF about search preferences (DK/REF to **HH\_F6A\_PRVTYPE**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F6A\_PRVTYPE, HH\_F5\_MULTIPLE

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### **HH\_F6A\_OTH**

Other types of care - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # providers
- 1. DK/REF about search preferences (DK/REF to **HH\_F6A\_PRVTYPE**)
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F6A\_PRVTYPE, HH\_F5\_MULTIPLE

---

### **HH\_F6B\_FRIEND**

Self/friends/family members worked in / used this provider, or know the provider - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # of providers
- 1. DK/REF about search preferences
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE,  
HH\_F6B\_KNLEDGE2

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### **HH\_F6B\_REFER**

Resource and referral agency - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # of providers
- 1. DK/REF about search preferences
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE,  
HH\_F6B\_KNLEDGE2

---

### **HH\_F6B\_AD**

Saw advertisement online or elsewhere - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # of providers
- 1. DK/REF about search preferences
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE,  
HH\_F6B\_KNLEDGE2

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### HH\_F6B\_OTH

Provider has good reputation in the community, or no other providers of this type - For those who considered only one provider

- 2. No search last 2 years or considered >1/unknown # of providers
- 1. DK/REF about search preferences
- 0. Did not consider this type of care
- 1. Considered this type of care

**ORIGINAL VARIABLES USED:** HH\_F3\_REASON\_R, HH\_F5\_MULTIPLE,  
HH\_F6B\_KNLEDGE2

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## Household Income

### HH\_ANNUAL\_INCOME\_RAW\_TC

#### (R) HH\_ANNUAL\_INCOME\_RAW

Annual household income for the calendar year 2011.

This includes incomes reported in exact dollar amounts and incomes reported in ranges which are converted to the midpoint of the reported range. Households for which annual income was not reported in either exact amounts or ranges due to refusals or don't know responses were coded -1.

**ORIGINAL VARIABLES USED:** HH\_G4A\_INCOMEYR, HH\_G4A1\_ESTINC30K  
HH\_G4A2\_ESTINC50K, HH\_G4A3\_ESTINC75K HH\_G4A4\_ESTINC40K, HH\_G4A5\_ESTINC15K  
HH\_G4A6\_ESTINC20K, HH\_G4A7\_ESTINC10K

## NOTES:

In order to prevent disclosure, the public-use variable was top-coded so that the top 1% of observations were replaced by the median of the top 1% observations. Please see the NSECE HH restricted-use data file for the untreated income variable.

Chapter 4 of the HH user's guide provides additional information on how these income variables were constructed.

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### HH\_ANNUAL\_INCOME\_IMP\_TC

#### (R) HH\_ANNUAL\_INCOME\_IMP

Annual income for the calendar year 2011 with missing values imputed. Missing observations were imputed using multiple imputation.

**ORIGINAL VARIABLES USED:** HH\_G4A\_INCOMEYR, HH\_G4A1\_ESTINC30K  
HH\_G4A2\_ESTINC50K, HH\_G4A3\_ESTINC75K, HH\_G4A4\_ESTINC40K, HH\_G4A5\_ESTINC15K  
HH\_G4A6\_ESTINC20K, HH\_G4A7\_ESTINC10K. For imputation:  
HH\_B1J\_GRADE\_1, HH\_G4B\_EARNERS\_R, HH\_G1\_OWNHOME, HH\_CAR, HH\_WELFARE,  
HH\_INCNON, HH\_FOODSTAMP, HH\_WIC, HH\_FREELUNCH, HH\_G11\_EAT, HH\_RMALE,  
HH\_RACE, HH\_B1J\_GRADE\_1, HH\_MARITAL\_STATUS, HH\_N\_CHILDREN, HH\_RBORNUS,  
MONTH\_COMPLETE, HH\_RWORK, HH\_RSCHOOL, HH\_RTRAIN

 **NOTES:**

In order to prevent disclosure, the public-use variable was top-coded so that the top 1% of observations were replaced by the median of the top 1% observations. Please see the NSECE HH restricted-use data file for the untreated income variable.

Chapter 4 of the HH user's guide provides additional information on how these income variables were constructed.

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**HH\_ANNUAL\_INCOME\_ADJ\_TC**

**(R) HH\_ANNUAL\_INCOME\_ADJ**

Annual income for the calendar year 2011 adjusted to before-tax levels. Annual income was adjusted to before-tax levels using adjustment factors which take into account before-tax/ after-tax reporting.

**ORIGINAL VARIABLES USED:** HH\_G4A\_INCOMEYR, HH\_G4A1\_ESTINC30K,  
HH\_G4A2\_ESTINC50K, HH\_G4A3\_ESTINC75K, HH\_G4A4\_ESTINC40K, HH\_G4A5\_ESTINC15K,  
HH\_G4A6\_ESTINC20K, HH\_G4A7\_ESTINC10K. For adjustment: HH\_G3\_INCOME,  
HH\_G3A\_TAXINCL, HH\_G4A\_INCOMEYR

 **NOTES:**

In order to prevent disclosure, the public-use variable was top-coded so that the top 1% of observations were replaced by the median of the top 1% observations. Please see the NSECE HH restricted-use data file for the untreated income variable.

Chapter 4 of the HH user's guide provides additional information on how these income variables were constructed.

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- HH\_ECON\_INCOME\_POVRATCAT**
- HHC\_HH\_ECON\_INCOME\_POVRATCAT**
- HH\_POV\_RATIO\_TC**

## (R) HH\_POV\_RATIO

Ratio of annual income for the calendar year 2011 to poverty level.

**ORIGINAL VARIABLE USED:** HH\_G4A\_INCOMEYR, HH\_G4A1\_ESTINC30K, HH\_G4A2\_ESTINC50K, HH\_G4A3\_ESTINC75K, HH\_G4A4\_ESTINC40K, HH\_G4A5\_ESTINC15K, HH\_G4A6\_ESTINC20K, HH\_G4A7\_ESTINC10K, HH\_B1B\_AGE\_1, HH\_RELATED, HH\_LT18REL

### NOTES:

The public-use file contains three variables that were treated to prevent disclosure.

HH\_POV\_RATIO\_TC was top-coded so that the top 1% of observations were replaced by the median of the top 1% observations. Please see the NSECE HH restricted-use data file for the untreated income variable.

HH\_ECON\_INCOME\_POVRATCAT and HHC\_HH\_ECON\_INCOME\_POVRATCAT converted the ratio of annual income for the calendar year 2011 to poverty level into categories. These variables are constructed as the total household income for calendar year 2011 divided by the poverty threshold for a household of given size with a given number of related children. In 2011, the federal poverty level was \$18,123 a year for a family of three with two children (more detail is available here <https://www.census.gov/hhes/www/poverty/data/threshld/index.htm>). The continuous version of this ratio was recoded into four categories:

1. Less than 100 percent of the federal poverty level
2. 100 to 199 percent of the federal poverty level
3. 200 to 299 percent of the federal poverty level
4. 300 percent and higher of the federal poverty level

Chapter 4 of the HH user's guide provides additional information on how these income variables were constructed.

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## Type of Care

### HH\_TYPEOFCARE\_X\_Y (X=1-9 children, Y=1-12 providers)

Type of Care Summary for Provider Y, Child X

Two main data sources were used to classify each arrangement (child-provider pair) into a type of care. These sources include:

- Information from the respondent about:
  - o whether the provider was an individual or an organization;
  - o the regularity of that care;
  - o what relationship, if any, the household had with an individual provider prior to the establishment of an ECE arrangement;

- whether or not an individual provider is paid for ECE;
- the child's age
- whether or not the care was drop-in, single activity, or for regular elementary or middle schooling.
- Information from the provider sampling frame constructed for the NSECE provider surveys, including the street address of the provider and the type of care associated with that address in state and national administrative lists of ECE providers. To the extent possible, the exact provider name and address given by the respondent were matched to sampling frame information.

Although many of these data points were collected at the provider level for the household, it is possible for a provider's type of care to vary across different children within the household. For example, one sibling may be attending 4<sup>th</sup> grade (regular school, code 26) with a provider that is marked as Head Start (code 23) for another sibling.

Please see the Type of Care appendix to the Household Survey User's Guide for more detailed discussion of the assignment of these types of care. That discussion describes cautions about using only this variable to identify Head Start and/or Public Pre-K participation; this variable is recommended to be used only in conjunction with other variables for that type of analysis.

Notes on specific categories below:

- Category 11 (Individual, No prior relationship, Regular, and Paid) includes a small number of arrangements with unknown payment status
- Category 14 (Irregular Care) includes a small number of arrangements ineligible for payment questions
- Category 16 (Individual, Regular, and Unpaid (regardless of Prior Relationship status)) includes a small number of Paid arrangements with unknown Prior Relationship status

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 11. Individual, No prior relationship, Regular, and Paid
- 14. Individual, Not Regular
- 15. Individual, Prior Relationship, Regular and Paid
- 16. Individual, Regular, and Unpaid (regardless of Prior Relationship status)
- 21. Organization, Regular and Before/After School Care
- 23. Organization, Regular and Head Start
- 24. Organization, Regular and Public Pre-K
- 25. Organization, Regular and Head Start/Public Pre-K
- 26. Organization, Regular and K-8 School
- 27. Organization, Regular and Community-Based Child Care Center
- 28. Organization, Regular and Unresolved organization – school-age child

31. Organization, Regular and Drop-In
32. Organization, Regular and Single Activity
33. Organization, Regular and No Provider Type
34. Organization, Irregular Care
40. Other (No Provider Code and DK/REF Individual)

**ORIGINAL VARIABLES USED:** Series C5A through C9.

<b>Label</b>	<b>Definition</b>
1 Individual, No prior relationship, Regular and Paid	An individual with whom the child had <i>no</i> prior person relationship receives payment for caring for the child and cares for the child at least 5 hours weekly. Examples would include a family child care provider or a babysitter who was previously unknown to the family.
2 Individual, Prior relationship, Regular and Paid	An individual with whom the child had a prior person relationship receives payment for caring for the child and cares for the child at least 5 hours weekly. Examples would include a grandparent who receives payment from the parents for the care s/he provides, or a family member who receives a child care subsidy for caring for a child.
3 Individual, Unpaid, Regular, regardless of Prior Relationship status	An individual who does not receive payment for caring for the child, but provides care at least 5 hours weekly. The individual may or may not have a prior personal relationship with the child, although in almost all cases there was such a prior relationship. Examples would include a grandparent who cares for her grandchild without receiving payment, or an adult sibling who lives in the same household and looks after a younger sibling after school.
4 Center-based Early Care and Education.	This type of care corresponds to the providers in the Center-Based Provider Sample. It includes all Head Starts, Public Pre-Ks, community-based child care, or any other care that is not drop-in or single activity, and occurs at least 5 hours weekly. This type of care is reserved for children under age 72 months.
5 Other Regular Organizational Early Care and Education	This type of care includes any regular organizational care not included in type of care 4 above. Specific examples are: after-school care to school-age children, drop-in or single-activity care or lessons, church child care during services, recreational activities, etc.
6 K-8 schooling	Elementary schooling kindergarten through grade 8 during the school day. Could be private or public. The same organization may also provide type of care 5 above outside of the school day.
7 Irregular ECE, Home-based or Center/Organizational	Provider cares for child fewer than 5 hours weekly, may be either individual or organization.
8 All other setting unknown	Regular ECE setting, but we have inadequate information to assign the provider to one of the categories 1-6.
9 Parental Care	Not a type of care. Used only in the child calendar to indicate time slots not assigned to a nonparental care provider.

### HH\_TYPEOFCARE\_ AGG\_X\_Y (X=1-9 children, Y=1-12 providers)

Aggregated Type of Care Summary for Provider Y, Child X

The variable HH\_TYPEOFCARE\_X\_Y is re-classified into a smaller number of aggregate types of care to facilitate analyses and variable construction. Mappings of the values of that source variable HH\_TYPEOFCARE\_X\_Y into the values of this TYPEOFCARE\_ AGG\_X\_Y variable are given in the value labels below.

- 9. No child, no provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 1. Individual, no prior relationship, regular and paid (HH\_TYPEOFCARE\_X\_Y =11)
- 2. Individual, prior relationship, regular, paid (HH\_TYPEOFCARE\_X\_Y =15)
- 3. Individual, unpaid, regular, regardless of prior relationship status (HH\_TYPEOFCARE\_X\_Y =16)
- 4. Center-based HS, PreK, community-based (HH\_TYPEOFCARE\_X\_Y =23-25, 27)
- 5. Other organizational ECE, regular (HH\_TYPEOFCARE\_X\_Y =21, 28-33)
- 6. K-8 schooling (HH\_TYPEOFCARE\_Y\_X =26, or gap check 68)
- 7. Irregular ECE, home-based or center/organizational (HH\_TYPEOFCARE\_X\_Y =14, 34)
- 8. All other setting unknown (HH\_TYPEOFCARE\_X\_Y =40)

**ORIGINAL VARIABLES USED:** HH\_TYPEOFCARE\_X\_Y series.

---

### HH\_SE\_ASK\_X (X=1-12 providers)

Indicator for asking Section E for Provider X

Section E on costs was asked about providers who met the following conditions: non-school (HH\_C8A\_X NOT 1 AND HH\_PROVPTYPE\_X NOT 06), non-single activity (HH\_C8\_3\_X NOT 1), non-drop-in (HH\_C8\_4\_X NOT 1), and provide at least 5 hours of care per week (HH\_REGCAREFLAG\_X = 1). Cost data were not sought from respondents about arrangements with providers not meeting these conditions. Many respondents reported center-based child care arrangements as being school-based in C8A, even though those arrangements were not for regular elementary school. As a result, a large fraction of center-based arrangements do not have associated cost data. Imputed cost data are available for those arrangements.

- 1. Don't Know/Refused
- 0. Do not ask Section E
- 1. Ask Section E

**ORIGINAL VARIABLES USED:** C8A series, C8\_3 series, C8\_4 series, HH\_REGCAREFLAG series, HH\_C1A\_LIST series.

---

### **HH\_SEASK\_Y\_X (Y=1-9 children, X=1-12 providers)**

Indicator for asking Section E for Provider X, Child Y.

SE\_ASK\_X was originally a provider-level variable within the instrument. It is used to populate an arrangement-level variable in SE\_ASK\_X\_Y if child Y is associated with provider X. If a child Y is served by a provider X, then the value of SE\_AS2\_X\_Y should be identical to the value of SE\_ASK\_X.

The variable HH\_SEASK2\_Y\_X (Y=1-9 children, X=1-12 providers) is identical to HH\_SEASK\_Y\_X but applies reserve codes to elaborate on missing values. Users are likely to find HH\_SEASK2\_Y\_X more helpful.

- 1 Don't Know/Refused
- 0. Do not ask Section E
- 1. Ask Section E

**ORIGINAL VARIABLES USED:** HH\_SEASK\_X series, HH\_C1A\_LIST series

---

### **HH\_SEASK2\_Y\_X (Y=1-9 children, X=1-12 providers)**

Indicator for asking Section E for Provider X, Child Y.

SE\_ASK2\_X was originally a provider-level variable within the instrument. It is used to populate an arrangement-level variable in SE\_ASK2\_X\_Y if child Y is associated with provider X. If a child Y is served by a provider X, then the value of SE\_ASK2\_X\_Y should be identical to the value of SE\_ASK2\_X.

The variable HH\_SEASK2\_Y\_X (Y=1-9 children, X=1-12 providers) is identical to HH\_SEASK\_Y\_X but applies reserve codes to elaborate on missing values. Users are likely to find HH\_SEASK2\_Y\_X more helpful than HH\_SEASK\_Y\_X.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child

- 6. Provider does not care for child
- 1 Don't Know/Refused
- 0. Do not ask Section E
- 1. Ask Section E

**ORIGINAL VARIABLES USED:** HH\_SE\_ASK2\_X series, HH\_C1A\_LIST series

---

#### **HH\_E10\_ASK\_Y\_X (Y=1-9 children, X=1-12 providers)**

Indicator for asking E10-E11 for Provider X, Child Y

The question E10 and E11 series were asked only once per prior-relationship individual provider, regardless of how many children were cared for by that provider. This variable indicates whether or not E10 and E11 were asked for a given arrangement (child-provider pair).

- 0. Do not ask
- 1. Ask E10-E11
- . Missing, no provider X

**ORIGINAL VARIABLES USED:** HH\_FIRSTCH\_Y HH\_C1A\_LIST series

---

#### **HH\_PROVADDTYPE1\_X (X = 1 to 12)**

Provider address has a Before/Afterschool provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

#### **(R) HH\_PROVADDTYPE2\_X (X = 1 to 12)**

Provider address has a Home/family day care provider

- 9. No Provider X
- 2. Undefined if PROVID missing
- 1. Skip C5-C9 or additional provider types unknown
- 0. Additional provider type does not exist at address
- 1. Additional provider type exists at address

### **HH\_PROVADDTYPE3\_X (X = 1 to 12)**

Provider address has a Head Start provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

### **HH\_PROVADDTYPE4\_X (X = 1 to 12)**

Provider address has a Pre-K provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

### **HH\_PROVADDTYPE5\_X (X = 1 to 12)**

Provider address has a Head Start/Pre-K provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

### **HH\_PROVADDTYPE6\_X (X = 1 to 12)**

Provider address has a K-8 School provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

### **HH\_PROVADDTYPE7\_X (X = 1 to 12)**

Provider address has a Community-based ECE Center provider

- 9. No Provider X
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
  - 0. Additional provider type does not exist at address
  - 1. Additional provider type exists at address
- 

### **HH\_PROVQEDTYPE\_X (X = 1 to 12)**

Provider ‘filetype’ from QED data

- 9. No Provider X
  - 3. Provider wasn’t in the original QED file
  - 2. Undefined if PROVID missing
  - 1. Skip C5-C9 or additional provider types unknown
    - 1. State Departments
    - 2. State Operated Schools
    - 3. County Centers
    - 4. County Operated Schools
    - 5. Districts
    - 6. Canadian Districts
    - 7. Public Schools
    - 8. Canadian Public Schools
    - 9. Private Schools
    - 10. Catholic Schools
    - 11. Canadian Private Schools
    - 12. Colleges
    - 13. Bureau of Indian Affairs (BIA) Schools
    - 14. Regional Centers
    - 15. Diocesan Offices
    - 16. Libraries
    - 17. Day Care Centers
- 

### **HH\_BPQUALFLAG\_Y\_X (X = [Provider Number] 1 to 12; Y= [Child Number] 1 to 9)**

Type of Care Provider Quality Flag

- 9. No child and no provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 0. Not coded (Not coded to PLU; No verbatim)
- 1. Can’t confirm address in frame (Provider type verbatim coded but not confirmed in PLU)

2. Confirmed address but not provider type (Found in PLU but assigned provider type is not indicated at address)
  3. Confirmed both address and provider type (Assigned provider type exists at the address)
- 

#### **HH\_BPEDITFLAG\_Y\_X (X = [Provider Number] 1 to 12; Y= [Child Number] 1 to 9)**

Identify number of times a child-provider pair's provider type has changed from the PLU provider type

0. Provider Type not changed
  1. Provider Type changed one time
  2. Provider Type changed two times
  3. Provider Type changed three times
- 

#### **HH\_BPSOURCEFLAG\_Y\_X (X = [Provider Number] 1 to 12; Y= [Child Number] 1 to 9)**

Identify the child-provider pair's provider type source

0. Not Coded
  1. Provider Type from PLU
  2. Provider Type from expanded codeframe (Step 1 below)
  3. Provider Type from additional types at address, or inferred based on lack of additional types at address (Step 2 below)
  4. Provider Type from quex data (Step 3 below)
- 

#### **HH\_FLAG\_AGE\_IMPUTE\_X (X=1 to 9)**

This flag identifies children who had valid information on HH\_A1C\_BMOYR\_R\_X and missing information on month of birth (HH\_A1C\_BMO\_X). Because of missing information on HH\_A1C\_BMO\_X, month of birth was imputed and HH\_A1C\_BMOYR\_R\_X was defined as “year.00”.

1. If month of birth is imputed in HH\_A1C\_BMOYR\_R\_X
  0. If month of birth is NOT imputed in HH\_A1C\_BMOYR\_R\_X
- 

**ORIGINAL VARIABLES USED:** HH\_A1C\_BMO\_X; HH\_A1C\_BMOYR\_R\_X;  
HH\_A1C\_BMOYR\_R\_X

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#### **HH\_MISSING\_STATUS\_CC\_X (X=child 1-9)**

Availability of child calendar data

0. No calendar data
1. Partial calendar data

- 
- 2. Complete calendar data
- 

#### **HH\_CHILDREN\_X\_Y (X = Child 1 to 9; Y=Provider 1 to 12)**

- 1. Provider Y cares for child X
  - 0. Provider Y does not care for child X
  - . Missing, (there is no Provider Y, Child X, or neither Prov or Child).
- 

#### **HH\_HRS\_WEEK\_PROVY\_X (X = Child 1 to 9; Y=Provider 1 to 12)**

Total number of hours spent by Child X with Provider Y in the calendar

---

#### **PCONLY**

HH uses Parental Care Only

A Household is indicated as using ‘Parental Care Only’ if no providers are listed for any child under 13 years in the household.

- 0. HH does not use parental care only
- 1. HH uses parental care only

---

#### **ORIGINAL VARIABLES USED: HH\_C1A\_LIST series**

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#### **HH\_FIRSTCH\_Y (Y=1-12 providers)**

First Associated Child for Prior Relationship Individual Provider

The question C5C series were asked only once per prior-relationship individual provider, regardless of how many children were cared for by that provider. This variable indicates which child was the first child associated with a provider; data from that record were used for other children as well.

- 1. Child 1
- 2. Child 2
- 3. Child 3

4. Child 4
5. Child 5
6. Child 6
7. Child 7
8. Child 8
9. Child 9

**ORIGINAL VARIABLES USED:** C5C\_Rltionship series

---

### HH\_SC\_ASK\_Y (Y=1-12 providers)

Indicator for asking C1A2 to C11 for Provider Y

Questions C1A2, C1B, C1C and C11 were asked about providers who met the following criteria: non-school (HH\_C8A\_Y NOT 1 AND HH\_PROVPTYPE\_Y NOT 06), non-single activity (HH\_C8\_3\_Y NOT 1), non-drop-in (HH\_C8\_4\_Y NOT 1), non-hhm (HH\_PTYPRE\_R\_Y NOT 1-15), and provide at least 5 hours of care per week (HH\_REGCAREFLAG\_Y = 1). This flag indicates whether or not questions about transportation and language barriers were asked for provider Y.

- 1 Don't Know/Refused
- 0. Do not ask
- 1. Ask C1A2-C11

**ORIGINAL VARIABLES USED:** C1A2-C11

---

### Distance Variables

#### HH\_DIS\_HHPROD\_C\_Y (Y=1-12 PROVIDERS)

Distance between household and provider Y, in miles (categorical variable)

- 999. No geocoding information, distance could not be calculated
- 9. No child and no provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 1. 0 miles, provider cares for child at child's home

- 
- 2. >0 to <= 1 mile
  - 3. >1 to <= 3 miles
  - 4. >3 to <= 8 miles
  - 5. >8 miles
- 

#### **HH\_DIS\_PROV\_CH\_C\_X\_Y (X=1-9 CHILD, Y=1-12 PROVIDER)**

Distance between child's X home and Provider Y, in miles (categorical variable)

- 999. No geocoding information, distance could not be calculated
  - 9. No child and no provider
  - 8. Child but no provider
  - 7. Provider but no child
  - 6. Provider does not care for child
  - 1. 0 miles, provider cares for child at child's home
  - 2. >0 to <= 1 mile
  - 3. >1 to <= 3 miles
  - 4. >3 to <= 8 miles
  - 5. >8 miles
- 

#### **HH\_DIS\_HHWORK\_C\_Y (Y=1-12 ADULTS)**

Distance between adult's Y home and work, in miles (categorical variable)

- 999. No geocoding information, distance could not be calculated
  - 1. 0 miles
  - 2. >0 to <= 1 mile
  - 3. >1 to <= 3 miles
  - 4. >3 to <= 8 miles
  - 5. >8 miles
- 

#### **HH\_DIS\_HHNONRESPAR\_C\_X\_Y (X=1-2 parent Y=1-9 child)**

Distance between child's home Y and non-residential parent X, in miles (categorical variable)

- 999. No geocoding information, distance could not be calculated
  - 1. 0 miles
  - 2. >0 to <= 1 mile
  - 3. >1 to <= 3 miles
  - 4. >3 to <= 8 miles
  - 5. >8 miles
-

### Occupation and Wage for Respondent and Spouse

#### **HH\_SD\_ASK\_X (X = HHM number 1 to 12)**

Flag for HHMs asked Section D. The Section D skip logic is defined at the start of Section D, before question D1A.

- 9. No HHM X in the HH
  - 0. Do not ask Section D for HHM X
  - 1. Ask Section D for HHM X
- 

#### **HH\_D2\_OCC\_CODE\_1\_R (2010 Occupation code for respondent (4-digit))**

#### **HH\_D2\_OCC\_CODE\_2\_R (2010 Occupation code for respondent's spouse (4-digit))**

Occupation was collected for the respondent and the respondent's spouse in **HH\_D2\_JOBNAME**. These responses were coded in using the 2010 Census Occupation Codes based on the 2010 Standard Occupational Classification (SOC).

- 9. No Spouse in HH
  - 8. R/R's spouse did not work last week
  - 1. Invalid skip
- 

#### **HH\_D2A\_IND\_CODE\_1\_R (2010 Industry code for respondent (4-digit))**

#### **HH\_D2A\_IND\_CODE\_2\_R (2010 Industry code for respondent's spouse (4-digit))**

Industry was collected for the respondent and the respondent's spouse in **HH\_D2A\_FIRMNAME**. These responses were coded using the 2010 Census Industry Codes based on the North American Industry Classification System (NAICS).

- 9. No Spouse in HH
  - 8. R/R's spouse did not work last week
  - 1. Invalid skip
- 

#### **HH\_D3D\_WAGE\_TC\_X (X=1-12 HHM)**

Hourly wage at main job (place with most hours each week), top coded

[Continuous variable]

-1 DK/REF

**ORIGINAL VARIABLES USED:** HH\_D3D\_WAGE\_X, HH\_D3D\_UNIT\_X (X=1 to 12)

 **NOTES:**

In order to protect against disclosure, this variable was top-coded. Top-coding was applied to individuals who reported a high income number - at the 99th percentile or above (i.e., top 1%) or to the top10 cases, whichever represented the smallest number of individuals. Top-coding was done using the median of the top 2%, or the median of the top 10 cases.

---

**HH\_D5D\_WAGE\_R\_TC\_X (X=1-12 HHM)**

Hourly wage at last job, top coded

[Continuous variable]

-1 DK/REF

**ORIGINAL VARIABLES USED:** HH\_D5D\_WAGE\_R\_X, HH\_D5D\_UNIT\_R\_X (X=1 to 12)

 **NOTES:**

In order to protect against disclosure, this variable was top-coded. Top-coding was applied to individuals who reported a high income number - at the 99th percentile or above (i.e., top 1%) or to the 10 10 cases, whichever represented the smallest number of individuals. Top-coding was done using the median of the top 2%, or the median of the top 10 cases.

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**Scheduling and Hours of Nonparental Care**

Variables combining parents' availability from work-related activities with children's participation in non-parental care, classified by standard and non-standard hours

The concepts involved in these variables are:

- Nonparental care – any time reported on child calendar when the child was reported to be with someone other than a parent.
- Parent unavailable – any time that all parents in the household are reported on the parent calendar as engaged in work-related activities, including work, school, training, and commuting to/from/between these. If at least one parent is not reported as being engaged in work-related activities, then the parental availability is indicated as ‘available.’
- Standard hours - are defined as Monday through Friday 8am to 6pm. All other hours, including all weekend hours, are classified as ‘nonstandard.’

Thus the variable HHC\_NPC\_HRS\_PRNTUNAV indicates the number of hours (HRS) that the child was in any nonparental care (NPC) and when all parents in the household were unavailable due to being in work-related activities (PRNTUNAV). This number of hours is decomposed into those during standard hours (STDN), and those during nonstandard hours (NSTDN) such that

HHC\_NPC\_HRS\_PRNTUNAV\_STDN+ HHC\_NPC\_HRS\_PRNTUNAV\_NSTDN =  
HHC\_NPC\_HRS\_PRNTUNAV.

Together, the first six variables account for all of the time that a child spent in nonparental care during the reference week. Since parental work status is combined in multi-parent households, and since children can take care of themselves or be with parents while the parents are in work-related activities, these variables may not account for all time that at least one parent is in work-related activities.

The variables PHRS indicate the proportion of NPC hours that fall into a given category of parent (un)availability and/or (non)standard hours. For example, HHC\_NPC\_PHRS\_PRNTAV indicates the proportion of the child's NPC that took place during hours when the parent was available from work-related activities. The following are true:

$$\begin{aligned} \text{HHC\_NPC\_PHRS\_PRNTUAV+HHC\_NPC\_PHRS\_PRNTAV=1} \\ \text{HHC\_NPC\_HRS\_PRNTAV\_STDN+ HHC\_NPC\_PHRS\_PRNTUNAV\_STDN=1} \\ \text{HHC\_NPC\_HRS\_PRNTAV\_NSTDN+ HHC\_NPC\_PHRS\_PRNTUNAV\_NSTDN=1} \end{aligned}$$

These variables are constructed using the variables in the Calendar file, which is a separate NSECE Household data file. The calendar file consists of several arrays of variables for each of the 672 slots of 15-minute duration that comprise a calendar week from Monday 12:00 am to Sunday 11:59 pm. These variables were derived from interview responses to the child calendar questions (from the C2 series in the household instrument) and the adult calendar questions (from the D1D series). Although the adult calendar includes many different adults in the household, this set of variables uses only data from the parents of each child, including the child's biological or adoptive parents in the household, or the spouse/partner of any of these persons in the household.

Children with no non-parental care of a given type during the week are coded as -2 in these variables. For example, the 5,610 observations coded as -2 in the variable HHC\_NPC\_HRS\_PRNTAV below indicate 5,610 children for whom no nonparental care was noted in the calendar. Parents with no work-related activity are coded as always available.



### **HHC\_NPC\_HRS\_PRNTAV**

Number of hours child in nonparental care and all parents available

- 3. No child
- 2. Valid skip



### **HHC\_NPC\_HRS\_PRNTAV\_NSTDN**

Number of non-standard hours child in nonparental care and all parents available

- 3. No child
- 2. Valid skip



### **HHC\_NPC\_HRS\_PRNTAV\_STDN**

Number of standard hours child in nonparental care and all parents available

- 3. No child
  - 2. Valid skip
- 



### **HHC\_NPC\_HRS\_PRNTUNAV**

Number of hours child in any nonparental care and all parents unavailable due to work

- 3. No child
  - 2. Valid skip
- 



### **HHC\_NPC\_HRS\_PRNTUNAV\_NSTDN**

Number of nonstandard hours child in nonparental care because parents unavailable

- 3. No child
  - 2. Valid skip
- 



### **HHC\_NPC\_HRS\_PRNTUNAV\_STDN**

Number of standard hours child in nonparental care because parents unavailable

- 3. No child
  - 2. Valid skip
- 



### **HHC\_NPC\_PHRS\_PRNTAV**

Proportion of hours child in nonparental care and all parents available

- 3. No child
  - 2. Valid skip
- 



### **HHC\_NPC\_PHRS\_PRNTAV\_NSTDN**

Proportion of non-standard hours child in nonparental care and all parents available

- 3. No child
  - 2. Valid skip
- 



#### **HHC\_NPC\_PHRS\_PRNTAV\_STDN**

Proportion of standard hours child in nonparental care and all parents available

- 3. No child
  - 2. Valid skip
- 



#### **HHC\_NPC\_PHRS\_PRNTUNAV**

Proportion of hours child in any nonparental care & all parents unavailable due to work

- 3. No child
  - 2. Valid skip
- 



#### **HHC\_NPC\_PHRS\_PRNTUNAV\_NSTDN**

Proportion of non-standard hours child in nonparental care because parents unavailable

- 3. No child
  - 2. Valid skip
- 



#### **HHC\_NPC\_PHRS\_PRNTUNAV\_STDN**

Proportion of standard hours child in nonparental care because parents unavailable

- 3. No child
  - 2. Valid skip
- 

The following variables summarize various aspects of the non-parental care reported for children for the week prior to the NSECE household interview. These data are available in the separate NSECE Household Calendar data file.

Note that calendar data are not available for some children; these children can be identified in the variable series HH\_MISSING\_STATUS\_CC\_X (X=1 to 9). In the variables below, these children are coded as if they had reported ‘parental care only’ throughout the week.

Note also that there may be some inconsistency in classification of ‘parents’ when a child lives in a household with individuals who are parents to some but not all of the children under age 13 within the household. Consider a household with a mom, her male partner, and two children, one of whom is the biological child of both adults, and one the biological child of the mother with a previous partner. In some cases, care by the male partner may be reported as ‘parental care’ for the child who is not his own; in other cases, the same situation may be classified as non-parental care. Researchers may use the calendar data to investigate and improve these distinctions as needed.

As noted in the documentation for the Calendar file, calendar data are presented for each 15-minute block of a 7-day week.

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### **HH\_ANY\_NPTN\_X (X=1 to 9)**

Any nonparental care Monday through Sunday for child X

Child X had at least one 15-minute time block with a non-parental care provider during the reference week.

- 1 Unable to determine
  - 0 Child had no blocks reported with a nonparental care provider
  - 1 Child had at least one block reported with a nonparental care provider
- 

### **HH\_ANY\_NPTN\_BOTH\_X (X=1 TO 9)**

Any nonparental care during both standard and nonstandard hours child X

During the reference week, child X had at least one 15-minute time block with a non-parental care provider during standard hours, and at least one time block during non-standard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Blocks may have been reported with different providers, such as standard hours in center-based care and nonstandard hours with an unpaid relative.

- 1 Unable to determine
  - 0 Child did not have both standard and nonstandard hour npc
  - 1 Child had both standard and nonstandard hour nonparental care
- 

### **HH\_ANY\_NPTN\_NONSTAND\_X (X=1 TO 9)**

During the reference week, child X had at least one 15-minute time block with a non-parental care provider during non-standard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’

- 1 Unable to determine
  - 0 Child had no nonstandard hours non-parental care
  - 1 Child had nonstandard hour nonparental care
- 

#### **HH\_ANY\_NPTN\_NONSTAND\_EVE\_X (X=1 TO 9)**

During the reference week, child X had at least one 15-minute time block with a non-parental care provider during evening hours 6pm to 9pm Monday through Friday.

- 1 Unable to determine
  - 0 Child had no evening non-parental care
  - 1 Child had evening nonparental care
- 

#### **HH\_ANY\_NPTN\_NONSTAND\_SS\_X (X=1 TO 9)**

During the reference week, child X had at least one 15-minute time block with a non-parental care provider on Saturday or Sunday.

- 1 Unable to determine
  - 0 Child had no Sat/Sun non-parental care
  - 1 Child had Sat/Sun nonparental care
- 

#### **HH\_ANY\_NPTN\_STAND\_X (X=1 TO 9)**

During the reference week, child X had at least one 15-minute time block with a non-parental care provider during standard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’

- 1 Unable to determine
  - 0 Child had no standard hours nonparental care
  - 1 Child had standard hour nonparental care
- 

#### **HH\_PROP\_NONSTAND\_X (X=1 to 9)**

Proportion of nonparental care that occurs during nonstandard hours

During the reference week, proportion of nonparental care hours reported for child X that occur during nonstandard hours (hours other than M-F 8am -6pm). The proportion of nonparental care hours that occurs during standard hours is indicated by  $(1 - HH\_PROP\_NONSTAND\_X)$ .

- 2 Child has no nonparental care hours reported
-

### **HH\_ANY\_NONSTAND\_D\_X (D=1-7, X=1-9)**

Any nonparental care during nonstandard hours during day D for child X

On day D of the reference week, child X had at least one 15-minute time block with a non-parental care provider during nonstandard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Day 1 = Monday.

- 1 Unable to determine
  - 0 Child had no nonstandard hours nonparental care
  - 1 Child had nonstandard hour nonparental care
- 

### **HH\_ANY\_STAND\_D\_X (D=1-5, X=1-9)**

Any nonparental care during standard hours during day D for child X

On day D of the reference week, child X had at least one 15-minute time block with a non-parental care provider during standard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Day 1 = Monday.

- 1 Unable to determine
  - 0 Child had no standard hours nonparental care
  - 1 Child had standard hour nonparental care
- 

### **HH\_ONLY\_NONSTAND\_D\_X (D=1-7, X=1-9)**

Nonparental care only during nonstandard hours during day D for child X

On day D of the reference week, all nonparental care blocks for child X occurred during nonstandard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Day 1=Monday.

- 1 Unable to determine
  - 0 Child had standard hours nonparental care
  - 1 Child had only nonstandard hour nonparental care
- 

### **HH\_ONLY\_STAND\_D\_X (D=1-5, X=1-9)**

Nonparental care only during standard hours during day D for child X

On day D of the reference week, all nonparental care blocks for child X occurred during standard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Day 1=Monday.

- 1 Unable to determine

- 
- 0 Child had nonstandard hours nonparental care
  - 1 Child had only standard hour nonparental care
- 

### **HH\_BOTH\_STAND\_D\_X (D=1-5, X=1-9)**

Nonparental care during both standard and nonstandard hours during day D for child X

On day D of the reference week, at least one nonparental care blocks for child X occurred during standard hours, and at least one block during nonstandard hours. Standard hours are 8 am to 6pm Monday through Friday. All other hours during the week are ‘nonstandard.’ Day 1=Monday.

- 1 Unable to determine
  - 0 Child did not have both standard and nonstandard hour npc
  - 1 Child had both standard and nonstandard hour npc
- 

### **HH\_REG\_HOURS\_PER\_DAY\_X (X=1 to 9)**

For child X, at least 60 percent of weekdays with any nonparental care have the same number of hours per day.

- 2 Child has no nonparental care hours reported
  - 0 Inconsistent number of hours across npc days
  - 1 Consistent number of hours for 60% of npc days
- 

## **Cost of Nonparental Care**



### **HH\_NPC\_COST\_BURDEN\_MONTH**

Monthly cost burden for the household for regular ECE

Cost burden is calculated as the ratio of monthly household cost of care and the reported monthly income of the household. Households have a calculated cost burden only if they had at least one regular ECE arrangement for a child under age 13 years. Monthly cost of care was calculated as: weekly cost of regular ECE [HH\_NPC\_COST\_WEEKLY]\*4.2. For monthly income, see documentation for HH\_ECON\_INCOME\_MONTHLY. To prevent disclosure, variable was top coded so that 1% of cases was recoded to median of that top 1%.

- 4. Household cost of care is a valid skip
  - 3. Household cost of care is don't know/missing/refused
  - 2. Monthly income is zero
  - 1. Monthly income is refused, don't know or missing
-



## HH\_NPC\_COST\_WEEKLY

Weekly cost of care for the household in dollars (with 2 decimal places).

- 1. Missing due to missing or skipped data on care arrangements in household

Cost of care at the household level adds up weekly cost of care variables for each child and provider pair. The variable represents the household's costs for all regular ECE arrangements for all children under age 13. These are generally arrangements with types of care 1-5, but also include types of care 6 and 8 for a small number of households. A household with any regular ECE arrangements have a valid cost of care (except for the very small numbers of cases with Don't Know or Refused responses for arrangement-level costs). Households with no regular ECE arrangements are assigned a reserved code for this variable. Unpaid regular ECE arrangements are assigned a cost of \$0, as in the arrangement-level cost data.

Weekly cost of care variables for each child and provider pair combines direct charges, copays, and subsidies: weekly cost of care is the weekly direct charges plus any copay amount minus any subsidy paid directly to the household. Input variables for each child and provider pair are included in the Public-Use Household file as HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_DIRECTCHG\_X\_Y, HH\_COPAY\_X\_Y, and HH\_SUBSIDY\_X\_Y, respectively (where X is child 1-9 and Y is the provider 1-12). These variables are constructed from the questions posed in Section E of the Household Questionnaire; based on child-provider pairs identified in Section C and internal pathing within Section E.

A large number of households do not pay for childcare and are listed as having zero weekly cost of care. In some cases, the respondent reported that other sources were paying the provider for the care of the child, but these amounts were not collected. In such cases, the Public-Use Household file includes variables HH\_OTHPAYPROV\_X\_Y (child X 1-9 and provider Y 1-12) that indicate whether an outside person or agency pays the provider for care. In other cases, child care was free. In some cases, the subsidy amount was higher than the combined direct charges and copay amount and this gives rise to negative values. These negative values are contained in a separate variable in the Public-Use Household file called HH\_WEEKLY\_COST\_CARE\_NEG\_X\_Y (child X 1-9 and provider Y 1-12).

Respondents reported the amount they and other household members paid for each regular ECE arrangement (i.e., child provider pair) as direct charges, copays and subsidies they received. Many respondents also reported that the care was free or paid by some other source who was not a household member. All amounts reported were converted into weekly amounts using the following conversion methods:

<b>Unit</b>	<b>Conversion to weekly cost</b>
Week	As is
Days	Amount*provider days in the last week
Hour	Amount*provider hours in the last week
Bi-weekly	Amount/2
Month	Amount /4.3
Other specify	For direct charges, used standard cutoffs
Don't know/refusal	

<b>Unit</b>	<b>Conversion to weekly cost</b>
Year	Amount /39 weeks
School year	Amount /39 weeks
Per x months	Amount/(x* 4.3)
Semester	Amount /19.5 weeks
Session	Amount /13 weeks
Quarter	Amount /13 weeks
	Amount *provider days*2
One time	Amount/39 weeks
Flat rate	As is
Per day 2 children	(Amount/2)*provider days
Weekend	As is
Per x weeks	Amount /x
Whole program	Amount/39 weeks
Bi monthly	(Amount/2)*4.3
Per day 3 kids	(Amount/3)* provider days

When amounts were reported for more than one child for the same provider, these were distributed between the children equally.

When the direct charge, subsidy or copay was beyond + or - 4 standard deviations of the amount within its unit, the unit was recoded to the unit for which the direct charge, subsidy or copay is closest to the mean. If the amount was missing and the unit was available, the amount was imputed to be the mean for that unit. If the unit was missing and the amount was available then the unit was set to be the unit for which the mean was closest to the reported amount.

Imputation was carried out for a number of arrangements for types of care 4 and 5 (center-based ECE and other organizational ECE) where cost data were not collected because respondents seemed to indicate that the arrangement was school-based. The imputation was done in two stages, first imputing zero values through a logistic regression and then imputing non zero values using hot deck methods based on hours of care, age of child and household income. Imputed values are flagged. To prevent disclosure, the top one percent of weekly cost of care were topcoded to the median of the top percentile. The topcoding was done within categories based on age of the child and type of provider. This was done separately for the direct charges and the weekly cost of care. Some simple topcoding of outliers was carried out for negative values of cost of care and subsidy amounts. Imputation status of arrangements is indicated in the public use variables HH\_IMPFLAG\_WEEKLY\_COST\_CARE\_X\_Y (child X 1-9 and provider Y 1-12).

#### **HH\_WEEKLY\_COST\_CARE\_IMP\_TC\_X\_Y (X=1-9 children, Y=1-12 providers)**

Arrangement level weekly cost of care. Amount paid to provider by household for care of child X provider Y. Variable includes imputed values. To prevent disclosure, the top 1% values in each age/type of care cell were topcoded using the median value of the top percentile in the cell.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 3. Value is out of range
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 0. Free care or no cost to household members.

Numeric value: Weekly cost of care in dollars (with two decimal places). *Includes amounts reported as direct charges, copayments and subsidies. Positive amounts only.*

**ORIGINAL VARIABLES USED:** HH\_E1\_CHARGE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y, HH\_E4\_COPAY\_X\_Y, HH\_E4A\_AMOUNT\_X\_Y, HH\_E4B\_UNIT\_X\_R\_Y, HH\_E4C\_OTHCHLDRNZ\_X\_Y, HH\_E4C\_NUMCHLRN\_X\_Y, HH\_E4C1\_SAMEAMT\_X\_Y, HH\_E5\_FREECARE\_X\_Y, HH\_E7\_AMOUNT\_X\_Y, HH\_E7A\_UNIT\_X\_Y, HH\_E7B\_OTHCHLDRNZ\_X\_Y, HH\_E7B\_NUMCHLRN\_X\_Y, HH\_E7B1\_SAMEAMT\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E9\_SUBSIDIES\_X\_Y, HH\_E9A\_AMOUNT\_X\_Y, HH\_E9B\_UNIT\_X\_R\_Y, HH\_E9C\_OTHCHLDRNZ\_X\_Y, HH\_E9C\_NUMCHLDRN\_X\_Y, HH\_E12A\_AMOUNT\_X\_Y, HH\_E12AA\_UNIT\_X\_Y, HH\_CAGEMOS\_X, HH\_SE\_ASK2\_X\_Y, HH\_CHCAL\_X\_Y, HH\_BLOCKDAY\_X\_Y.

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#### **HH\_WEEKLY\_COST\_CARE\_NEG\_TC\_X\_Y (X=1-9 children, Y=1-12 providers)**

Negative values of weekly arrangement level cost of care. Amount paid to provider by household for care of child X provider Y only for negative values. Calculated using amounts reported as direct charges, copayments and subsidies. To prevent disclosure, the top 1% values in each age/type of care cell were topcoded using the median value of the top percentile in the cell.

Variable includes amounts reported as direct charges, copayments and subsidies. Absolute value for negative amounts only. This variable contains the absolute value of the negative values of cost of care. For instance, if weekly cost of care if -10 for a particular child-provider pair,

HH\_WEEKLY\_COST\_CARE\_NEG\_X\_Y will have a value of 10 and

HH\_WEEKLY\_COST\_CARE\_X\_Y will have a value of -3 (Value is out of range). If a particular child-provider pair has a positive (>0) value in HH\_WEEKLY\_COST\_CARE\_X\_Y, and a value of -3 (Value is out of range) in HH\_WEEKLY\_COST\_CARE\_NEG\_X\_Y.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 3. Value is out of range
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 0. Free care or no cost to household members

Numeric value: Weekly cost of care in dollars for negative values (with two decimal places).

**ORIGINAL VARIABLES USED: HH\_WEEKLY\_COST\_CARE\_X\_Y**

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**HH\_DIRECTCHG\_TC\_X\_Y (X=1-9 children, Y=1-12 providers)**

Direct charges paid to provider by household for care of child X provider Y. To prevent disclosure, the top 1% values in each age/type of care cell were topcoded using the median value of the top percentile in the cell.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 0. Free care

Numeric value: Direct charges paid by household member(s) to provider for child X provider Y.

**ORIGINAL VARIABLES USED: HH\_E1\_CHARGE\_X\_Y, HH\_E7\_AMOUNT\_X\_Y,  
HH\_E7A\_UNIT\_X\_Y, HH\_E7B\_OTHCHLDRNZ\_X\_Y, HH\_E7B\_NUMCHLRN\_X\_Y  
HH\_E7B1\_SAMEAMT\_X\_Y, HH\_E12A\_AMOUNT\_X\_Y, HH\_E12AA\_UNIT\_X\_Y**

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**HH\_COPAY\_X\_Y (X=1-9 children, Y=1-12 providers)**

Copayment paid to provider by household for care of child X provider Y.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 0. Free care

Numeric value: Copayment paid by household member(s) to provider for child X provider Y.

**ORIGINAL VARIABLES USED: HH\_E4\_COPAY\_X\_Y, HH\_E4A\_AMOUNT\_X\_Y,  
HH\_E4B\_UNIT\_X\_R\_Y, HH\_E4C\_OTHCHLDRNZ\_X\_Y, HH\_E4C\_NUMCHLRN\_X\_Y,  
HH\_E4C1\_SAMEAMT\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y**

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**HH\_SUBSIDY\_X\_Y (X=1-9 children, Y=1-12 providers)**

Subsidy amount paid directly to household member/s for care of child X provider Y.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses

Numeric value: Amount paid directly to household from other sources for child X provider Y.

**ORIGINAL VARIABLES USED:** HH\_E9\_SUBSIDIES\_X\_Y, HH\_E9A\_AMOUNT\_X\_Y, HH\_E9B\_UNIT\_X\_R\_Y, HH\_E9C\_OTHCHLDRNZ\_X\_Y HH\_E9C\_NUMCHLDRN\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y



#### NOTES:

Fewer than three outlier values were top-coded to prevent disclosure.

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#### **HH\_ANY\_SUBS\_X\_Y (X=1-9 children, Y=1-12 providers)**

Indicator variable for any subsidy was paid to the household for child X provider Y (=1 for any subsidy paid)

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 0. No subsidy paid to household for this arrangement
- 1. Subsidy was paid to household for this arrangement

**ORIGINAL VARIABLES USED:** HH\_E9\_SUBSIDIES\_X\_Y, HH\_E9A\_AMOUNT\_X\_Y, HH\_E9B\_UNIT\_X\_R\_Y, HH\_E9C\_OTHCHLDRNZ\_X\_Y HH\_E9C\_NUMCHLDRN\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y

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#### **HH\_OTHPAYPROV\_X\_Y (X=1-9 children, Y=1-12 providers)**

Payment to provider from other sources, no other amounts (=1). An indicator variable which identifies cases where the provider was paid directly by other sources and there are no amounts provided for weekly cost of care.

- 9. No Child, No Provider

- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. No amount available because of don't know/refusal or missing responses
- 1. No amount available but payments were made to the provider by other sources.
- 0. Not flagged, amounts available or free care

**ORIGINAL VARIABLES USED:** HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

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**HH\_IMPFLAG\_WEEKLY\_COST\_CARE\_X\_Y (X=1-9 children, Y=1-12 providers)**

Imputation flag which indicates which values of weekly cost of care were imputed (=1 for imputed values)

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 0. Weekly cost of care value was not imputed
- 1. Weekly cost of care value was imputed.

**ORIGINAL VARIABLES USED:** HH\_WEEKLY\_COST\_CARE\_IMP\_TC\_X\_Y

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**HH\_E7AMTFLAG\_X\_Y (X=1-9 children, Y=1-12 providers)**

Flag indicating that the household member reported that equal amounts of direct charges were not paid for each child.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. Data unavailable
- 0. Same amount was paid if multiple children were included in one payment to a provider.
- 1. Household member reported that they did not pay the same amount for all children covered by a payment.

**ORIGINAL VARIABLES USED:** E7B1\_SAMEAMT\_X\_Y

### **HH\_E4AMTFLAG\_X\_Y (X=1-9 children, Y=1-12 providers)**

Flag indicating that the household member reported that the same amount of copayment was not paid for each child.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 0. Same amount was paid if multiple children were included in one copay to a provider.
  - 1. Household member reported that they did not pay the same copay for all children covered by a payment

**ORIGINAL VARIABLES USED:** E4C1\_SAMEAMT\_X\_Y

---

### **HH\_FLAG\_IMP\_UNIT\_X\_Y (X=1-9 children, Y=1-12 providers)**

Imputation flag for direct charges paid to the provider Y for child X. Amounts were reported in different units. Imputation was carried out if the unit was missing, amount present or amount was missing, unit was present in the data and only those values are flagged.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. Data unavailable
- 0. Not imputed
- 1. Imputed unit or amount

**ORIGINAL VARIABLES USED:** HH\_E7\_AMOUNT\_X\_Y, HH\_E7A\_UNIT\_X\_Y

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### **HH\_FLAG\_E4\_IMP\_UNIT\_X\_Y (X=1-9 children, Y=1-12 providers)**

Imputation flag for copays paid to the provider Y for child X. Amounts were reported in different units. Imputation was carried out if the unit was missing, amount present or amount was missing, unit was present in the data and only those values are flagged.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child

- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 0. Not imputed
- 1. Imputed unit or amount

**ORIGINAL VARIABLES USED:** HH\_E4A\_AMOUNT\_X\_Y, HH\_E4B\_UNIT\_X\_Y

---

**HH\_FLAG\_E9\_IMP\_UNIT\_X\_Y (X=1-9 children, Y=1-12 providers)**

Imputation flag for subsidies paid to the household for provider Y, child X. Amounts were reported in different units. Imputation was carried out if the unit was missing, amount present or amount was missing, unit was present in the data and only those values are flagged.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Valid skip
- 2. Ineligible for Section E
- 1. Data unavailable
- 0. Not imputed
- 1. Imputed unit or amount

**ORIGINAL VARIABLES USED:** HH\_E9A\_AMOUNT\_X\_Y, HH\_E9B\_UNIT\_X\_Y

---

**(R) HH\_E2A\_LOSESPOT\_R\_X\_Y (X=1-9 children, Y=1-12 providers)**

Respondent would lose the child's spot at this provider if they lost their job or had hours cut back.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 5. Provider not/DK/REF paid by someone or someplace else
- 4. Provider not/DK/REF paid by R
- 3. Provider charges R directly
- 1. DK/REF
- 1. Yes
- 2. No

**ORIGINAL VARIABLES USED:** HH\_E2A\_LOSESPOT\_X\_Y, HH\_TYPEOFCARE\_0GG\_Y\_X,  
HH\_E2\_OTHSOURCE\_X\_Y in (2,3), HH\_E4\_COPAY\_X\_Y in (2,3), HH\_E1\_CHARGE\_X\_Y=1

---

**(R) HH\_E2B\_WRKCCDF\_R\_X\_Y (X=1-9 children, Y=1-12 providers)**

Respondent worked with a local resource and referral agency to find this provider or arrange for payment.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 5. Provider not/DK/REF paid by someone or someplace else
- 4. Provider not/DK/REF paid by R
- 3. Provider charges R directly
- 1. DK/REF
- 1. Yes
- 2. No

**ORIGINAL VARIABLES USED:** HH\_E2B\_WRKCCDF\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y in (2,3),  
HH\_E4\_COPAY\_X\_Y in (2,3), HH\_E1\_CHARGE\_X\_Y=1

---

**(R) HH\_E10\_EXCHANGE\_R\_X\_Y (X=1-9 children, Y=1-12 providers)**

Provider is given anything other than money in exchange for caring for child.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 11. Provider not or DK related to R
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 1. DK/REF
- 1. Yes
- 2. No

**ORIGINAL VARIABLES USED:** HH\_E10\_EXCHANGE\_X\_Y, HH\_C5C\_RLTIONSHP\_X ne 1,  
HH\_TYPEOFCARE\_0GG\_Y\_X

---

**(R) HH\_E6\_SLIDING\_R\_X\_Y (X=1-9 children, Y=1-12 providers)**

The amount charged by the provider for the child care arrangement is based on the amount of money earned by the respondent.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 10 Provider related to R
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Provider not/DK/REF paid by R
- 2. ??
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E6\_SLIDING\_X\_Y, HH\_C5C\_RLTIONSHP\_X=1, HH\_TYPEOFCARE\_01\_X\_Y, HH\_E4\_COPAY\_X\_Y in (2,3), HH\_E5\_FREECARE\_X\_Y=3, HH\_E5A\_FREEPREK\_X\_Y in (1,2), HH\_WEEKLY\_COST\_CARE=0, HH\_WEEKLY\_COST\_CARE>0

---

**(R) HH\_PAID\_BY\_WELFARE\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the arrangement is welfare or office of employment services.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A1\_R\_X\_Y, HH\_E3A\_R\_X\_Y, HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_AGENCY\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the child care arrangement is an agency for child development.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A2\_R\_X\_Y, HH\_E3B\_R\_X\_Y,  
HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_LOCAL\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the arrangement is a local or community program.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A3\_R\_X\_Y, HH\_E3C\_R\_X\_Y,  
HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_COMMREL\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the child care arrangement is a community or religious group.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child

- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A4\_R\_X\_Y, HH\_E3D\_R\_X\_Y,  
HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_FAMILY\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the child care arrangement is a family member or friend.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A5\_R\_X\_Y, HH\_E3E\_R\_X\_Y,  
HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_EMPLOYER\_X\_Y (X=1-9 children, Y=1-12 providers)**

Other source of payment to provider for the child care arrangement is an employer.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E8A6\_R\_X\_Y, HH\_E3F\_R\_X\_Y,  
HH\_WEEKLY\_COST\_CARE\_X\_Y, HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_PAID\_BY\_OTHER\_X\_Y (X=1-9 children, Y=1-12 providers).**

Other source(s) of payment to provider for the child care arrangement is not known or refused.

- 15. Section E eligibility unknown
- 14. Ineligible for Section E
- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 2. Provider not paid by someone or someplace else
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_E3GD\_R\_X\_Y, HH\_WEEKLY\_COST\_CARE\_X\_Y,  
HH\_E8\_OTHSOURCE\_X\_Y, HH\_E2\_OTHSOURCE\_X\_Y

---

**(R) HH\_E5\_FREECARE\_R\_X\_Y (X=1-9 children, Y=1-12 providers)**

Care is provided free by provider.

- 9. No Child, No Provider
- 8. Child but no provider
- 7. Provider but no child
- 6. Provider does not care for child
- 4. Provider not/DK/REF paid by R
- 3. Provider charges R directly
- 1. DK/REF
  - 1. Yes
  - 2. No

**ORIGINAL VARIABLES USED:** HH\_TYPEOFCARE\_AGG\_Y\_X, HH\_E4\_COPAY\_X\_Y in (2,3),  
HH\_E1\_CHARGE\_X\_Y=1, HH\_WEEKLY\_COST\_CARE=0, HH\_WEEKLY\_COST\_CARE>0

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## Community Characteristics Variables

Anchoring on the census tract where each sampled household/provider was located, community characteristics were computed with reference to all neighboring census tracts overlapping with a circle of two miles radius centered at the population centroid of the anchor tract. Community characteristics are weighted averages of census tract counts of populations, with weights inversely proportional to distance between the anchored census tract and each reference census tract located in a two miles radius. The raw variables employed to build the NSECE community characteristics variables were census tract variables extracted from 2005-2009 American Community Survey (ACS) database. The raw data was formed with basic tables from the 2005-2009 5-years averages ACS from the American FactFinder website (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>).

ACS 2009 5-year files are used because they are the latest data files that use the tract boundaries used for the NSECE sample selection and design. Tracts drawn using 2010 boundaries will not match the NSECE provider clusters and would not maintain the relationships of provider tracts to household tracts embedded within the survey design.

### (R) HH\_COMM\_W\_R\_BLACK

Continuous version of ratio between population of black or African American only/non-Hispanic and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population black or African American only/non-Hispanic (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B03002	Non-Hispanic, Black, Hispanic	Total population in the census tract can be found by summing the Hispanic and Non-Hispanic variables.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

### HH\_COMM\_W\_R\_BLACK\_RC

Categorized version of ratio between population of black or African American only/non-Hispanic and total population (weighted)

- |   |                    |
|---|--------------------|
| 1 | <= 0.02            |
| 2 | > 0.02 and <= 0.12 |
| 3 | > 0.12             |

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population black or African American only/non-Hispanic (weighted)

- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B03002	Non-Hispanic, Black, Hispanic	Total population in the census tract can be found by summing the Hispanic and Non-Hispanic variables.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_HISPANIC

Continuous version of ratio between population of Hispanic or Latino and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population Hispanic or Latino (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B03002	Hispanic	Total population in the census tract can be found by summing the Hispanic and Non-Hispanic variables.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_HISPANIC\_RC

Categorized version of ratio between population of Hispanic or Latino and total population (weighted)

- |   |                          |
|---|--------------------------|
| 1 | $\leq 0.05$              |
| 2 | $> 0.05$ and $\leq 0.21$ |
| 3 | $> 0.21$                 |

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population Hispanic or Latino (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B03002	Hispanic	Total population in the census tract can be found by summing the Hispanic and Non-Hispanic variables.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_IN\_PRESCHOOL\_PRIVATE

Continuous version of ratio between children 3 years and over enrolled in private nursery school or preschool and all children 3 years and over enrolled in nursery school or preschool (public and private) (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Number of children enrolled in nursery school, preschool; private (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

The primary input data for the creation of this variable were the school attendance counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B14002	School attendance	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_IN\_PRESCHOOL\_PUBLIC

Continuous version of ratio between children 3 years and over enrolled in public nursery school or preschool and all children 3 years and over enrolled in nursery school or preschool (public and private) (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Number of children enrolled in nursery school, preschool; public (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

The primary input data for the creation of this variable were the school attendance counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B14002	School attendance	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_IN\_PRSCHL\_PUBLIC\_RC

Categorized version of ratio between children 3 years and over enrolled in public nursery school or preschool and all children 3 years and over enrolled in nursery school or preschool (public and private) (weighted)

1	<= 0.52
2	> 0.52 and <= 0.72
3	> 0.72

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Number of children enrolled in nursery school, preschool; public (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

The primary input data for the creation of this variable were the school attendance counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B14002	School attendance	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_F\_LABOR\_FORCE

Continuous version of ratio between females age 16 and older who are in the labor force and females age 16 and older who are employed (weighted). The reciprocal of these ratios (e.g. 1/1.1=0.91) represent the proportion of females who are employed out of those in the labor force.

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total number of females who are in the labor force (ages 16 and older) (weighted)
- Denominator: Total number of females employed who are in the labor force (ages 16 and older) (weighted)

The primary input data for the creation of this variable were the employment status counts by sex downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B23001	Employment status by sex (total labor force and employed)	Total population in the census tract can be found by summing across gender and labor force status.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_F\_LABOR\_FORCE\_RC

Categorized version of ratio between females age 16 and older who are in the labor force and females age 16 and older who are employed (weighted). The reciprocal of these ratios (e.g. 1/1.1=0.91) represent the proportion of females who are employed out of those in the labor force.

- |   |                         |
|---|-------------------------|
| 1 | $\leq 1.07$             |
| 2 | $> 1.07$ and $\leq 1.1$ |
| 3 | $> 1.1$                 |

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total number of females who are in the labor force (ages 16 and older) (weighted)
- Denominator: Total number of females employed who are in the labor force (ages 16 and older) (weighted)

The primary input data for the creation of this variable were the employment status counts by sex downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B23001	Employment status by sex (total labor force and employed)	Total population in the census tract can be found by summing across gender and labor force status

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_RECENT\_IMMIGRANTS

Continuous version of ratio between foreign born/not a US citizen/in the US since 2000 or later and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population: foreign born/not a US citizen/in the US since 2000 or later (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity and immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_RECENT\_IMMIGRANTS\_RC

Categorized version of ratio between foreign born/not a US citizen/in the US since 2000 or later and total population (weighted)

- |   |                |
|---|----------------|
| 1 | $\leq 0.05$    |
| 2 | Value not used |
| 3 | $> 0.05$       |

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population: foreign born/not a US citizen/in the US since 2000 or later (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity and immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_LESS\_50

Continuous version of ratio between population of individuals in households with income to poverty ratio less than .50 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio less than .50 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_MORE\_50\_LESS\_74

Continuous version of ratio between population of individuals in households with income to poverty ratio between .50 and .74 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between .5 and .74 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_MORE\_75\_LESS\_99

Continuous version of ratio between population of individuals in households with income to poverty ratio between .75 and .99 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between .75 and .99 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_MORE\_100\_LESS\_124

Continuous version of ratio between population of individuals in households with income to poverty ratio between 1.00 and 1.24 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 1.00 and 1.24 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

### (R) HH\_COMM\_W\_R\_MORE\_125\_LESS\_149

Continuous version of ratio between population of individuals in households with income to poverty ratio between 1.25 and 1.49 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 1.25 and 1.49 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_MORE\_150\_LESS\_174

Continuous version of ratio between population of individuals in households with income to poverty ratio between 1.50 and 1.74 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 1.50 and 1.74 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_MORE\_175\_LESS\_184

Continuous version of ratio between population of individuals in households with income to poverty ratio between 1.75 and 1.84 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 1.75 and 1.84 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_MORE\_185\_LESS\_199

Continuous version of ratio between population of individuals in households with income to poverty ratio between 1.85 and 1.99 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 1.85 and 1.99 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_MORE\_200\_LESS\_299

Continuous version of ratio between population of individuals in households with income to poverty ratio between 2.00 and 2.99 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 2.00 and 2.99 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_MORE\_300\_LESS\_399

Continuous version of ratio between population of individuals in households with income to poverty ratio between 3.00 and 3.99 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 3.00 and 3.99 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### (R) HH\_COMM\_W\_R\_MORE\_400\_LESS\_499

Continuous version of ratio between population of individuals in households with income to poverty ratio between 4.00 and 4.99 and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio between 4.00 and 4.99 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

### (R) HH\_COMM\_W\_R\_MORE\_500

Continuous version of ratio between population of individuals in households with income to poverty ratio of 5.00 or greater and total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population living in households with income to poverty ratio 5.00 or greater (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_MED\_EARN\_FEMALE

Weighted average median earnings of female workers ages 16 years old and over.

Note that the variable is average median earnings across census tracts in the community, not the median earnings in the community.

The primary input data for the creation of this variable were the earnings values downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B20017	Median earnings (females)	Variables have a ceiling of 250,000 and floor of 2,500

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_MED\_INC\_FEMALE

Weighted average median income of female workers age 15 years old and over having income in past 12 months

Note that the variable is average median income across census tracts in the community, not the median income in the community.

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B19326	Median income (females)	Population 15 and over with income in the past 12 months.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_MEDIAN\_EARNINGS

Weighted average median earnings of all workers ages 16 years old and over

Note that the variable is average median income across census tracts in the community, not the median income in the community.

The primary input data for the creation of this variable were the earnings counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B20017	Median earnings (male and female)	Variables have a ceiling of 250,000 and floor of 2,500

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_MEDIAN\_INCOME

Weighted average median income of all workers ages 15 years old and over having income in past 12 months

Note that the variable is average median income across census tracts in the community, not the median income in the community.

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B19326	Median income (males and females)	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_B\_1969

Continuous version of ratio between population of foreign born individuals entering U.S. before 1969 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. before 1969 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_1970\_79

Continuous version of ratio between population of foreign born individuals entering U.S. from 1970 to 1979 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. after 1970 and before 1979 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_1980\_89

Continuous version of ratio between population of foreign born individuals entering U.S. from 1980 to 1989 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. after 1980 and before 1989 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_1990\_99

Continuous version of ratio between population of foreign born individuals entering U.S. from 1990 to 1999 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. after 1990 and before 1999 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

#### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_2000\_04

Continuous version of ratio between population of foreign born individuals entering U.S. between 2000 and 2004 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. after 2000 and before 2004 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

#### (R) HH\_COMM\_W\_R\_LIVING\_SINCE\_2005

Continuous version of ratio between population of foreign born individuals entering U.S. since 2005 and all foreign born individuals (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of all foreign born individuals entering U.S. since 2005 (weighted)
- Denominator: Total foreign-born population (weighted)

The primary input data for the creation of this variable were the immigration counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B05005	Recent immigrant	

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_NO\_BLACK

Ratio of individuals who are non-black or African American/non-Hispanic and total population (weighted). This variable will sum to 1 with HH\_COMM\_W\_R\_BLACK and HH\_COMM\_W\_R\_HISPANIC.

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population non-black or African American only/non-Hispanic (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the race and ethnicity counts downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B03002	Non-Hispanic, Black Non-Hispanic, Hispanic	Total population in the census tract can be found by summing the Hispanic and Non-Hispanic variables.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_ONLY\_ENGLISH

Ratio of individuals who only speak English at home to total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of individuals who only speak English at home (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the language counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B16002	English speaking households	Can get total households from this variable

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_W\_R\_TOTAL\_CHILD\_6\_ONE\_P

Ratio of individuals who are children under the age of 6 and who have exactly one parent to total population (weighted)

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of individuals who are children under the age of 6 and who have exactly one parent (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the children counts by age and type of household downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B09002	Children by age and type of Household	ACS data are provided by age group and type. All variables that are married, male-only, or female-only and age groups under 6 are included.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_POVERTY\_PERCENT

Continuous version of community poverty density (weighted)

The community poverty density variable identifies for the community where the household/provider is located the concentration of population living in poverty (i.e. at or below the Federal Poverty Line (FPL)).

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of individuals in households with income to poverty ratio of less than 1.00 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---

### (R) HH\_COMM\_URBAN\_RATIO

Continuous version of community classification in the urban/rural spectrum (weighted)

The community poverty density variable identifies for the community where the household/provider is located the concentration of population living in urban areas as reported in the 2000 Census.

The primary input data for the creation of this variable were the urban/rural ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
P002	Urban/rural population	This is from 2000 Census, not 2005-2009 ACS

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

---



### HH\_COMM\_POVERTY\_DENSITY HHC\_HH\_COMM\_POVERTY\_DENSITY

Categorical version of community poverty density (weighted)

The community poverty density variable identifies whether the community where the household is located has a high, medium or low concentration of population living in poverty (i.e. at or below the Federal Poverty Line). Communities are classified as:

1. High density of poverty community, if values >20% of population <FPL
2. Moderate density of poverty community, if values 13.9%-20% of population <FPL
3. Low density of poverty community, if 0-13.8% of population <FPL

To create this variable, the ratio between the following two variables was first calculated:

- Numerator: Total population of individuals in households with income to poverty ratio of less than 1.00 (weighted)
- Denominator: Total population (weighted)

The primary input data for the creation of this variable were the income to poverty ratios counts of population downloaded from the ACS.

Census Table Name	Raw Variables	Notes on calculation
B17024	Income ratio for population	ACS data are provided by age group. All age groups were summed to construct the numerator.

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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### HH\_COMM\_URBAN\_DENSITY

Categorical version of community classification in the urban/rural spectrum (weighted)

After studying the distribution of the ratio urban population/total population in all the NSECE communities (using the community characteristics data), we classified NSECE communities across the urban-rural spectrum as follows:

1. High density of urban population (values of 1.00 to .85 in ratio of urban to total population)
2. Moderate density urban population (values of .30 to .84 in ratio of urban to total population)
3. Rural population (values of .29 or less in ratio of urban to total population)

The primary input data for the creation of this variable were the urban/rural ratios counts of population downloaded from the ACS.

<b>Census Table Name</b>	<b>Raw Variables</b>	<b>Notes on calculation</b>
P002	Urban/rural population	This is from 2000 Census, not 2005-2009 ACS

Source: American FactFinder (<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)

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## Household Questionnaire

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### SKIP LOGIC BOX A.1

IF R RETURNED MAIL SCREENER AND SENT TO CATI FOR MAIN INTERVIEW →  
GO TO A\_INTRO1

ELSE → GO TO A\_INTRO2

---

#### A\_INTRO1.

Hello. I am \_\_\_\_\_ from NORC at the University of Chicago. We are conducting a survey about how families use and think about child care and after-school programs. Someone in your household recently completed a short questionnaire for this study and we have some additional questions to get their opinion on. May I speak to the parent/guardian of the child under 13 in the household?

- 1. Speaking with parent/guardian → GO TO A\_INTRO2
  - 2. Parent/guardian not available → GO TO ADR\_3
- 

#### A\_INTRO2.

(Hello. I am \_\_\_\_\_ from NORC at the University of Chicago. )

[IF R SCREENED IN AS ELIGIBLE THROUGH MAIL/FIELD, READ: You have recently completed a short questionnaire for the NSECE. NSECE is a study...]

[IF R NOT SCREENED YET, READ: We are conducting a study...

...about how families use and think about child care and after-school programs for children under age 13. This study is funded by the U.S. Department of Health and Human Services, and conducted by NORC at the University of Chicago. Your participation in this study will help policy-makers and child care providers better understand and support the services that are most needed in your area.

This interview takes about 45 minutes, and your participation is voluntary. You may choose not to answer any questions you don't wish to answer, or end the interview at any time. We have systems in place to protect your identity and keep your responses private. There is only a small chance that your information could be accidentally disclosed. For that reason we avoid questions that could cause difficulty for you. This study also has a Federal Certificate of Confidentiality from the government which protects researchers and other staff from being forced to release information that could be used to identify participants in court proceedings. You should understand, however, that we would take necessary action to prevent serious harm to children, including reporting to authorities.

**CATI:** In order to review my work, my calls are recorded and my supervisor may listen as I ask the questions. I'd like to continue now unless you have any questions.

**CAPI:** Parts of this interview may be recorded for quality control purposes. This will not compromise the strict confidentiality of your responses. May I continue with the recording?

1. R consents to participate in the survey → CONTINUE
  2. R consents to participate in the survey but does not want to be recorded → TURN OFF RECORDING FEATURE AND CONTINUE
- 

## Section A. Child Demographics

### Overview for Data Users – Section A

Section A collected information on the children under 13 years old living in the household. The instrument first developed a list of children under 13 who were living in the household (A1) and then gathered information on those children (A1b-A2h). Section A then collected information on any non-residential parent (A2G1 – A2G10A).

Additional variables on child characteristics can be found in the derived variables section under child and household characteristics. References to these items are also included with related variables throughout section A.



#### HH\_CHAR\_NUMCH HHC\_HH\_KIDS\_NUMBER\_0TO13

**S1.** First, how many children under 13 live in your household?

IF R ANSWERED ZERO OR DK/REFUSED, INTERVIEWERS READ PROBE BELOW BEFORE RECORDING FINAL RESPONSE.

IF R SAYS 0, OR DK/REFUSED, SAY: Someone in your household participated in an earlier part of our study and said that there were [X] children under age 13 living in this household. They may not be your own children or they may be living here only temporarily. Please tell me how many children under age 13 live in this household currently.

Number of children: \_\_\_\_\_

Range: -99999999-10

-1. DK/REF

**SKIP LOGIC BOX A.2**

If R reports more than one child under 13 in household ( $S1 >= 1$ ) → then GO TO **A1**

If R reports no children under the age of 13 in household ( $S1 = 0$ ) → then GO TO **S1\_TERM** and terminate the interview.

If R refuses to answer or doesn't know ( $S1 = \text{DK/REF}$ ) → then GO TO **S1\_TERM** and terminate the interview.

---

**S1\_TERM.**

Thank you very much. That is all I have.

CODE DISPOSITION AS 'INELIGIBLE'

---

**HH\_A1\_CHILD\_R\_X (X=1 TO 9)**

**HH\_A1\_CHILD\_GIVEN\_R\_X (X=1 TO 9)**

- A1.** [IF  $S1 > 1$ : For each child under 13, starting with the youngest,] Can you tell me the first names (or initials) of all of the children under 13 who usually live in this household?

(*GRID: question format shown in Appendix 6.1.*)

Child #1: \_\_\_\_\_

Child #2: \_\_\_\_\_

Child #3: \_\_\_\_\_

Child #4: \_\_\_\_\_

Child #5: \_\_\_\_\_

Child #6: \_\_\_\_\_

Child #7: \_\_\_\_\_

Child #8: \_\_\_\_\_

Child #9: \_\_\_\_\_

1. Unique identifier provided for child
2. Unique identifier not provided for child

AFTER COLLECTING ALL CHILDREN'S NAMES/INITIALS, THE INSTRUMENT PROCEEDS THROUGH QUESTIONS A1B-A2G10A FOR EACH CHILD INDIVIDUALLY.

- A1b.** (ASK IF NECESSARY:). Is [CHILD NAME] a boy or a girl?

1. Boy

2. Girl
  3. DK/REF
- 



### HHC\_AGE

**A1c.** In what month and year was [CHILD NAME] born?

MONTH: \_\_\_\_\_

(R) HH\_A1C\_BMO\_X (X=1 to 9)

Range: 1-12

-1. DK/REF

YEAR: \_\_\_\_\_

(R) HH\_A1C\_BYR\_X (X=1 TO 9)

Range: 1999-2012



#### NOTES:

The public-use variable, HHC\_AGE, provides the child's age in months. Variable indicates age of child seven days prior to the interview, which matches the beginning of the child care calendar. For a handful of cases, children were 12 years old when the screener took place and 13 years old when the interview took place. These children are reported as 156 months old.

The public-use data file also offers several other variables on child age both at the child- and household-level. Please see the following variables in the derived variables section under child and household characteristics: HH\_CAGE12\_X (X=1 to 9), HH\_CAGE19\_X (X=1 to 9), HH\_CAGE1YR\_X (X=1 to 9), HH\_HCOMP\_NUMCH\_0THRU5YRS, HH\_HCOMP\_NUMCH\_13THRU17YRS, HH\_HCOMP\_NUMCH\_5THRU8YRS, HH\_HCOMP\_NUMCH\_9THRU12YRS, HH\_HCOMP\_ANY\_CHILD\_0THRU5YRS, HH\_HCOMP\_ANY\_CHILD\_1YR, HH\_HCOMP\_ANY\_CHILD\_2YR, HH\_HCOMP\_ANY\_CHILD\_3YR, HH\_HCOMP\_ANY\_CHILD\_4YR, HH\_HCOMP\_ANY\_CHILD\_5YR, HH\_HCOMP\_ANY\_CHILD\_LT12MOS, HH\_C0TO60\_X (X = 1 to 9), HH\_C0TO12\_X (X = 1 to 9), HH\_C0TO36\_X (X = 1 to 9), HH\_C36TO60\_X (X = 1 to 9)

Original response data is available in the NSECE HH restricted-use data file.

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### HHC\_COUNTRY\_BORN

(R) HH\_A1C1\_US\_X (X=1 to 9)

**A1c1.** In what country was [CHILD NAME] born?

1. UNITED STATES
2. NOT IN U.S.
3. DK/REF

- GO TO A2d  
→ GO TO A1c1\_CNTRY  
→ GO TO A2

**ORIGINAL VARIABLES USED: HH\_CH\_COUNTRY\_X (X= 1-9 child in each household)**



**NOTES:**

HHC\_COUNTRY\_BORN was created by combining responses from HH\_A1C1\_US\_X and HH\_A1C1\_CNTRY\_X. In order to minimize the risk of disclosure, this variable includes a very limited list of countries:

- 2. Missing (Assumed Legitimate Skip) \
- 1. Don't Know/Refused/No Answer \
- 1. USA \
- 2. Mexico\
- 3. Other\

Original response data is available in the NSECE HH restricted-use data file.

---

**(R) HH\_A1C1\_CNTRY\_X (X=1 to 9)**

Variable affecting eligibility for this item: **HH\_A1C1\_US\_X (X=1 to 9)**

A1C1. In what country was [CHILD NAME] born?

**A1c1\_CNTRY [drop down list]**

- |                                 |                                    |                              |
|---------------------------------|------------------------------------|------------------------------|
| 1. Don't know/Refused           | 23. Bassas da India                | 44. Canada                   |
| 2. Afghanistan                  | 24. Belarus                        | 45. Cape Verde               |
| 3. Akrotiri                     | 25. Belgium                        | 46. Cayman Islands           |
| 4. Albania                      | 26. Belize                         | 47. Central African Republic |
| 5. Algeria                      | 27. Benin                          | 48. Chad                     |
| 6. American Samoa               | 28. Bermuda                        | 49. Chile                    |
| 7. Andorra                      | 29. Bhutan                         | 50. China                    |
| 8. Angola                       | 30. Bolivia                        | 51. Christmas Island         |
| 9. Anguilla                     | 31. Bosnia and Herzegovina         | 52. Clipperton Island        |
| 10. Antarctica                  | 32. Botswana                       | 53. Cocos (Keeling) Islands  |
| 11. Antigua and Barbuda         | 33. Bouvet Island                  | 54. Colombia                 |
| 12. Argentina                   | 34. Brazil                         | 55. Comoros                  |
| 13. Armenia                     | 35. British Indian Ocean Territory | 56. Congo                    |
| 14. Aruba                       | 36. British Virgin Islands         | 57. Cook Islands             |
| 15. Ashmore and Cartier Islands | 37. Brunei                         | 58. Coral Sea Islands        |
| 16. Australia                   | 38. Bulgaria                       | 59. Costa Rica               |
| 17. Austria                     | 39. Burkina Faso                   | 60. Cote d'Ivoire            |
| 18. Azerbaijan                  | 40. Burma                          | 61. Croatia                  |
| 19. Bahamas                     | 41. Burundi                        | 62. Cuba                     |
| 20. Bahrain                     | 42. Cambodia                       | 63. Cyprus                   |
| 21. Bangladesh                  | 43. Cameroon                       | 64. Czech Republic           |
| 22. Barbados                    |                                    | 65. Denmark                  |

66. Dhekelia	107. Honduras	151. Mauritania
67. Djibouti	108. Hong Kong	152. Mauritius
68. Dominica	109. Hungary	153. Mayotte
69. Dominican Republic	110. Iceland	154. Mexico
70. Ecuador	111. India	155. Micronesia, Federated States of
71. Egypt	112. Indonesia	156. Moldova
72. El Salvador	113. Iran	157. Monaco
73. Equatorial Guinea	114. Iraq	158. Mongolia
74. Eritrea	115. Ireland	159. Montserrat
75. Estonia	116. Isle of Man	160. Morocco
76. Ethiopia	117. Israel	161. Mozambique
77. Europa Island	118. Italy	162. Namibia
78. Falkland Islands (Islas Malvinas)	119. Jamaica	163. Nauru
79. Faroe Islands	120. Jan Mayen	164. Navassa Island
80. Fiji	121. Japan	165. Nepal
81. Finland	122. Jersey	166. Netherlands
82. France	123. Jordan	167. Netherlands Antilles
83. French Guiana	124. Juan de Nova Island	168. New Caledonia
84. French Polynesia	125. Kazakhstan	169. New Zealand
85. French Southern and Antarctic Lands	126. Kenya	170. Nicaragua
86. Gabon	127. Kiribati	171. Niger
87. Gambia	128. North Korea	172. Nigeria
88. Gaza Strip	129. South Korea	173. Niue
89. Georgia	130. Kuwait	174. Norfolk Island
90. Germany	131. Kyrgyzstan	175. Northern Mariana Islands
91. Ghana	132. Laos	176. Norway
92. Gibraltar	133. Latvia	177. Oman
93. Glorioso Islands	134. Lebanon	178. Pakistan
94. Greece	135. Lesotho	179. Palau
95. Greenland	136. Liberia	180. Panama
96. Grenada	137. Libya	181. Papua New Guinea
97. Guadeloupe	138. Liechtenstein	182. Paracel Islands
98. Guam	139. Lithuania	183. Paraguay
99. Guatemala	140. Luxembourg	184. Peru
100. Guernsey	141. Macau	185. Philippines
101. Guinea	142. Macedonia	186. Pitcairn Islands
102. Guinea-Bissau	143. Madagascar	187. Poland
103. Guyana	144. Malawi	188. Portugal
104. Haiti	145. Malaysia	189. Puerto Rico
105. Heard Island and McDonald Islands	146. Maldives	190. Qatar
106. Holy See (Vatican City)	147. Mali	191. Reunion
	148. Malta	192. Romania
	149. Marshall Islands	193. Russia
	150. Martinique	

194. Rwanda	214. South Georgia and the South Sandwich Islands	234. Tromelin Island
195. Saint Helena	215. Spain	235. Tunisia
196. Saint Kitts and Nevis	216. Spratly Islands	236. Turkey
197. Saint Lucia	217. Sri Lanka	237. Turkmenistan
198. Saint Pierre and Miquelon	218. Sudan	238. Turks and Caicos Islands
199. Saint Vincent and the Grenadines	219. Suriname	239. Tuvalu
200. Samoa	220. Svalbard	240. Uganda
201. San Marino	221. Swaziland	241. Ukraine
202. Sao Tome and Principe	222. Sweden	242. United Arab Emirates
203. Saudi Arabia	223. Switzerland	243. United Kingdom
204. Senegal	224. Syria	244. United States
205. Serbia and Montenegro	225. Taiwan	245. Uruguay
206. Seychelles	226. Tajikistan	246. Uzbekistan
207. Sierra Leone	227. Tanzania	247. Vanuatu
208. Singapore	228. Thailand	248. Venezuela
209. Slovakia	229. Timor-Leste	249. Vietnam
210. Slovenia	230. Togo	250. Virgin Islands
211. Solomon Islands	231. Tokelau	251. Wake Island
212. Somalia	232. Tonga	252. Wallis and Futuna
213. South Africa	233. Trinidad and Tobago	253. West Bank



#### NOTES:

For the public-use version of this variable, please see **HHC\_COUNTRY\_BORN** listed with A1C1 above.

**A2d.** Is [CHILD NAME] of Hispanic or Latino origin?

1. Yes
2. No
3. DK/REF



#### **HHC\_RACE**

**A2e.** Is [CHILD NAME]...(SELECT ONE OR MORE)?

0. No
1. Yes
2. DK/REF

<b>(R) HH_A2E_RACE_1_R_X (X=1 to 9)</b>	White
<b>(R) HH_A2E_RACE_2_R_X (X=1 to 9)</b>	Black or African American
<b>(R) HH_A2E_RACE_3_R_X (X=1 to 9)</b>	Asian
<b>(R) HH_A2E_RACE_4_R_X (X=1 to 9)</b>	Native Hawaiian or other Pacific Islander
<b>(R) HH_A2E_RACE_5_R_X (X=1 to 9)</b>	American Indian or Alaska Native
<b>(R) HH_A2E_RACE_6_R_X (X=1-9)</b>	Other
<b>(R) HH_A2E_RACE_7_R_X (X=1-9)</b>	Added: Hispanic or Latina/o (Volunteered)



### NOTES:

HHC\_RACE combines separate reports on whether the child is of Hispanic or Latino origin and reports on the child's race, which allowed for the selection of all categories that applied. A child was classified as Hispanic/Latino if (i) his/her ethnicity was reported as Hispanic/Latino, regardless of race information; or (ii) if the household respondent volunteered Hispanic/Latino in response to the question on race, regardless of the report on the child's ethnicity. When both race and ethnicity reports are DK/REF, child is classified as "missing". The public use variable has the following categories:

- 2. Not applicable
- 1. Single race: Non-Hispanic or Latino, White
- 2. Single race: Non-Hispanic or Latino, Black or African American
- 3. Single race: Non-Hispanic or Latino, Asian
- 4. Single race: Non-Hispanic or Latino, Native Hawaiian and Other Pacific Islander
- 5. Single race: Non-Hispanic or Latino, American Indian or Alaska Native
- 6. Single race: Non-Hispanic or Latino, some other race
- 7. Two or more Non-Hispanic or Latino races
- 8. Hispanic or Latino origin (any race or race not reported)
- 9. Missing

Original response data is available in the NSECE HH restricted-use data file.



Variables affecting eligibility for this item: **HH\_A2E\_RACE\_6\_R\_X (X=1-9)**

**A2e\_OS.** PLEASE SPECIFY OTHER RACE: \_\_\_\_\_

**A2f.** What is [CHILD NAME]'s relationship to you?

- 1. Son or daughter (biological or adopted)
- 2. Stepson or stepdaughter
- 3. Brother or sister
- 4. Grandchild
- 5. Foster child
- 6. Other relative (e.g., niece or nephew)

7. Other nonrelative
  8. DK/REF
- 

**A2g.**

[IF A2f = 2, 3, 4, 5, 6, 7 OR 8] Does [CHILD NAME] have a parent in the household?

[IF A2f=1 OR 2] Does [CHILD NAME] have another parent in the household?

IF PARENT TEMPORARILY OUT OF TOWN/OUT OF COUNTRY ON BUSINESS OR AWAY ON MILITARY DEPLOYMENT, INTERVIEWERS WERE INSTRUCTED TO CODE THIS QUESTION AS 'YES'.

1. Yes
  2. No
  3. If volunteered: mother deceased
  4. If volunteered: father deceased
  5. DK/REF
- 



**HHC\_CONDITION**

- A2h.** Does [CHILD NAME] have a physical, emotional, developmental, or behavioral condition that affects the way you provide care for [him/her]?

1. Yes
2. No
3. DK/REF

**SKIP LOGIC BOX A.3**

If this is the first child and if the parent was not reported to live in the household during the HH screener (HH SCREENER VAR S2=5) or the child has another parent in the household (A2G = 2) then then GO TO **A2G2**.

If this is the second or later child, and parent was not reported to live in the household during the HH screener (HH SCREENER VAR S2=5) or the child does not have another parent in the household (A2G =2) then ASK **A2G1**.

Else if child has another parent in the household, the other parent is deceased, or the respondent doesn't know or refused to provide where the other parent is (A2G = 1, 3, 4, or 5) then SKIP TO the instruction before **B1A1**.

Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3, HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2G1.** You mentioned that [CHILD NAME]’s parent does not live in the household. Have you already told me about that other parent?

IF YES, INTERVIEWER SELECTED WHICH CHILD’S PARENT IS ALSO THE PARENT OF THIS CHILD:

- |   |                 |
|---|-----------------|
| 1. Yes, child1                          | → SKIP TO A2G10 |
| 2. Yes, child2                          | → SKIP TO A2G10 |
| 3. Yes, child3                          | → SKIP TO A2G10 |
| 4. Yes, child4                          | → SKIP TO A2G10 |
| 5. Yes, child5                          | → SKIP TO A2G10 |
| 6. Yes, child6                          | → SKIP TO A2G10 |
| 7. Yes, child7                          | → SKIP TO A2G10 |
| 8. Yes, child8                          | → SKIP TO A2G10 |
| 9. Yes, child9                          | → SKIP TO A2G10 |
| 10. Yes, child10                        | → SKIP TO A2G10 |
| 11. No, parent not previously mentioned | → GO TO A2G2    |
| 12. DK/REF                              | → SKIP TO A2G10 |

**A2G2.** You mentioned that [CHILD NAME]’s parent does not live in the household. Can you tell me the zip code or city and state where he/she lives?

- |                                    |                  |
|------------------------------------|------------------|
| 1. ENTER ZIP CODE                  | → GO TO A2G2_ZIP |
| 2. ENTER CITY AND STATE            | → GO TO A2G2_CS  |
| 3. If volunteered: mother deceased | → SKIP TO A2G10  |
| 4. If volunteered: father deceased | → SKIP TO A2G10  |
| 5. DK/REF                          | → GO TO A2G7     |

 **NOTES:**

The public-use data file includes a variable indicating the distance between the child’s home and the non-residential parent’s household. Please see HH\_DIS\_HHNONRESPAR\_C\_X\_Y in the derived variables section under distance variables.

**A2G2\_ZIP.**

ENTER PARENT'S ZIP CODE.

ZIP CODE: \_\_\_\_\_ → GO TO A2G7

Range: 0-99999

-1. DK/REF



Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3, HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2G2\_CS.**

ENTER PARENT'S CITY AND STATE.

CITY: \_\_\_\_\_

-1. DK/REF

STATE: \_\_\_\_\_ → GO TO A2G7

-1. DK/REF



**(R) HH\_A2G7\_WORK\_R\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3, HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2G7.** Last week, was s/he working full-time, part-time, or something else?

1. Working full time
2. Working part time
3. Something else
4. DK/REF
5. Added: Incarcerated
6. Added: Unemployed/not working
7. Added: Unable to work because of illness/disability
8. Added: Enrolled in school/college/training
9. Added: Retired

 **NOTE:**

Responses with unspecified work hours, like temporary or seasonal employment, were coded under category 2. **A2G7\_SPEC.**

---

 Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3,**  
**HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

SPECIFY:

DK/REF

---

 Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3,**  
**HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2G8.** What is the highest grade or level of schooling he/she has completed? (READ IF NECESSARY)

1. 8th grade or less
  2. 9th-12th grade no diploma
  3. High school graduate or GED completed
  4. Some college credit but no degree
  5. Associate degree (AA, AS)
  6. Bachelor's degree (BA, BS, AB)
  7. Graduate or professional degree
  8. DK/REF
- 

 Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3,**  
**HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2G9.** In the past 12 months, about how many times has he/she seen [CHILD NAME]?

TIMES: \_\_\_\_\_

Range: 0-999

DK/REF

---

Variables affecting eligibility for this item: **SKIP LOGIC BOX A.3, HH\_A2G10A\_ANOTHER\_X\_Y (X=1 to 9 [CHILD NUMBER]; Y= 1 or 2 [PARENT NUMBER])**

**A2g10.** Have you accounted for two parents for this child?

- |     |  |
|-----|--|
| Yes | → SKIP TO SKIP INSTRUCTION BEFORE B1A1 |
| No  | → GO TO A2G10A                         |

---

**A2G10A.** Does [CHILD NAME] have another parent who doesn't live in this household?

- |           |   |
|-----------|---|
| 1. Yes    | → SKIP TO A2G1 AND ASK ABOUT ANOTHER PARENT |
| 2. No     | → GO TO INSTRUCTION BEFORE B1A1             |
| 3. DK/REF | → GO TO INSTRUCTION BEFORE B1A1             |

THE INSTRUMENT REPEATED QUESTIONS A1B–A2G10A FOR EACH CHILD UNDER 13 IN HOUSEHOLD UNTIL ALL CHILDREN HAD BEEN ASKED ABOUT. THEN INSTRUMENT PROCEEDED TO SECTION B.

## Section B. Respondent and Household Adults Demographics

### Overview for Data Users – Section B

Section B collected information on the composition of the household. The instrument first established who was living in the household (B1A1 and B1A) and then gathered information on those individuals (B1B – B1O). Section B then collected information on the languages usually spoken in the household (B2) and any relatives who live nearby (B3 series).

Additional variables on household composition and characteristics can be found in the derived variables section under child and household characteristics. References to these items are also included with related variables throughout section B.

**B1a1.** These next questions are about your family and the other people who live in your household and who are 13 years old or older. Including yourself, how many people 13 years old or older live in your household?

NUMBER OF PEOPLE: \_\_\_\_\_

Range: 1-99  
-1. DK/REF

 **NOTES:**

For data on the number of people living in the household in the public use file, please see the following items in the derived variables section under child and household characteristics:  
`HH_HHCOMP_MEMBERS` and `HHC_HH_HHCOMP_MEMBERS`.

THE INSTRUMENT FIRST IDENTIFIED THE NUMBER OF PEOPLE LIVING IN THE HH AND THEN ASKED FOR THE NAMES/INITIALS OF EACH HH MEMBER. THE INSTRUMENT THEN LOOPED THROUGH A SERIES OF QUESTIONS ABOUT THE PEOPLE LIVING IN THE HH. NOT ALL QUESTIONS ARE ASKED ABOUT EACH HH MEMBER.

---

**HH\_B1A\_NAME\_R\_X (X=1 TO 15)**  
**HH\_B1A\_NAME\_GIVEN\_R\_X (X=1 TO 15)**

**B1A.** [IF FIRST HHM:] Now please tell me the first names (or initials) of individuals over the age of 13 who usually live here. We will start with you. Can you please state your first name or initials?

[IF SECOND OR HIGHER HHM:] (Please tell me the name (or initials) of the next individual over the age of 13 who usually lives here.)

NAME: \_\_\_\_\_  
-1. DK/REF

1. Unique identifier provided for hh member
2. Unique identifier not provided for hh member
- 9. No Xth HHM

**SKIP LOGIC BOX B.1**

The instrument will ask questions **B1B- B1O\_1** for the first household member.

If there is more than one household member, the instrument will then repeat **B1B-B1O\_1** for each.

If the respondent doesn't know or refuses to provide the first names or initials of the individuals over the age of 13 in the household, then the questionnaire will SKIP to the instruction before **B2**

---

Now I have some questions about each person in the household. The questions may be different for different people. Let me start with you.

**HH\_HHM AGE\_X (X=1-12 HHM)**

**(R) HH\_B1B AGE\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1**

**B1b.** [IF FIRST HHM:] How old are you?

[IF SECOND OR HIGHER HHM:] How old is [HHM NAME]?

IF NEEDED: Your best guess is fine.

AGE: \_\_\_\_\_

Range: 1-99

-1. DK/REF

**NOTES:**

To protect against disclosure, the public-use variable grouped the responses of 80 and higher into one category. The values for the public use variable are as follows:

-9. No HHM X

-2. Missing (Assumed Legitimate Skip)

-1. DK/REF

[single values up through 79 years old]

80. 80 years and older

Original response data is available in the NSECE HH restricted-use data file.

**(R) HH\_B1C\_GENDER\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1**

**B1c.** IF NOT OBVIOUS:

[IF FIRST HHM:] Are you male or female?

[IF SECOND OR HIGHER HHM:] Is [HHM NAME] male or female?

1. Male

2. Female

3. DK/REF

**SKIP LOGIC BOX B.2**

If the questionnaire is referencing a household member other than the respondent (SECOND OR HIGHER HHM), then the instrument will GO TO **B1D**

Else → the questionnaire will SKIP TO SKIP LOGIC BOX B.3 BEFORE **B1E**

**(R) HH\_B1D\_RELATION\_R\_X (X=1-12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.2**

**B1d.** What is your relationship to [HHM NAME]?

1. Spouse (i.e., legally married)
2. Partner (i.e., not legally married)
3. Parent or Parent-in-law
4. Child or child-in-law
5. Sibling or sibling-in-law
6. Other relative
7. Non-relative
8. DK/REF
9. Added: Friend/roommate
10. Added: Rental relationship (landlord, tenant, etc.)
11. Added: Live-in nanny
12. Added: Other household staff
13. Added: Relative of partner, boyfriend/girlfriend
14. Added: Partner of related HH member
15. Added: Ex-wife/husband/partner

**NOTES:**

Please see **(R) HH\_MB1D\_RECODE\_X (X=1-12)** in the derived variables section for a cleaned version of this variable.

The public-use data file offers additional variables characterizing the individuals in the household and summarizing relationships among household members. See the following variables in the derived variables section under child and household characteristics: HH RELATED, HH RPARENT, HH TEEN, HH HHCOMP\_RELATIONS\_GPARENT, HHC\_HH\_HHCOMP\_RELATIONS\_GPARENT, HH\_HH\_HHCOMP\_RELATIONS\_NONE, HHC\_HH\_HHCOMP\_RELATIONS\_NONE.

**SKIP LOGIC BOX B.3**

If the household member is 14 years old or older (B1B >=14) and is not the respondent (SECOND OR HIGHER HHMEM), then the instrument will GO TO **B1E**

ELSE, the questionnaire will SKIP TO the instruction before **B1F**

**(R) HH\_B1E\_HAVECHILD\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.3**

**B1e.** IF NOT OBVIOUS, ASK:

Does [HHM NAME] have any children under the age of 13 in this household?

IF NEEDED: Please include biological and adopted children.

- |           |               |
|-----------|---------------|
| 1. Yes    | → GO TO B1e_1 |
| 2. No     | → SKIP TO B1f |
| 3. DK/REF | → SKIP TO B1f |

 **NOTES:**

For data on the number of adults in the household with children under age 13 in the public-use data file, please see the following items in the derived variables section under child and household characteristics: HH\_HHCOMP\_NUMPARENTS and HHC\_HH\_HHCOMP\_NUMPARENTS.

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.3**

**B1e\_1.** Who are [HHM NAME]'s children in this household?

[SELECT ALL THAT APPLY]

- |                             |        |
|-----------------------------|--------|
| <b>(R) HH_B1E_1_WHO_1_X</b> | Child1 |
| <b>(R) HH_B1E_1_WHO_2_X</b> | Child2 |
| <b>(R) HH_B1E_1_WHO_3_X</b> | Child3 |
| <b>(R) HH_B1E_1_WHO_4_X</b> | Child4 |
| <b>(R) HH_B1E_1_WHO_5_X</b> | Child5 |
| <b>(R) HH_B1E_1_WHO_6_X</b> | Child6 |
| <b>(R) HH_B1E_1_WHO_7_X</b> | Child7 |
| <b>(R) HH_B1E_1_WHO_8_X</b> | Child8 |
| <b>(R) HH_B1E_1_WHO_9_X</b> | Child9 |

(X = 1 to 12)

**SKIP LOGIC BOX B.4**

If the household member is 14 years old or older (B1B >=14) and is not the respondent (SECOND OR HIGHER HHMEM) or the respondent's spouse, and the household member has no children in the household (B1e\_1), then the instrument will GO TO **B1F**

ELSE the questionnaire will SKIP TO the instruction before **B1J**

→ **(R) HH\_B1F\_HHCARE\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.4**

**B1f.** Does [HHM NAME] ever look after the young children in the household?

IF NEEDED: How about for more than 5 hours at a time?

1. Yes
2. No
3. DK/REF

**SKIP LOGIC BOX B.5**

If the household member is not the respondent's spouse and does not have children younger than age 13 in the household and does not care for children under age 13 in the household  
then the instrument will SKIP TO INSTRUCTION AFTER **B1O\_1**

ELSE the questionnaire will GO TO **B1J**

→ **(R) HH\_B1J\_GRADE\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.5**

**B1j.** What is the highest grade or level of schooling that [you have/[HHM NAME] has] ever completed?

(READ IF NECESSARY)

1. 8th grade or less
2. 9th-12th grade no diploma
3. High school graduate or GED completed
4. Some college credit but no degree
5. Associate degree (AA, AS)
6. Bachelor's degree (BA, BS, AB)
7. Graduate or professional degree
8. DK/REF

**SKIP LOGIC BOX B.6**

IF FIRST HHM → GO TO B1M

IF SECOND OR HIGHER HHM → SKIP TO INSTRUCTION BEFORE B1O

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.6**

**B1m.** Are you of Hispanic or Latino origin?  
Is [HHM NAME] of Hispanic or Latino origin?

1. Yes
  2. No
  3. DK/REF
- 

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.6**

**B1n.** Which of the following are you...  
Which of the following is [HHM NAME]...  
(SELECT ONE OR MORE)

0. Not selected
1. Selected
- 1. Don't know/Refused

<b>HH_B1N_1_1_R</b>	White
<b>HH_B1N_2_1_R</b>	Black or African American
<b>HH_B1N_3_1_R</b>	Asian
<b>HH_B1N_4_1_R</b>	Native Hawaiian or other Pacific Islander
<b>HH_B1N_5_1_R</b>	American Indian or Alaska Native
<b>HH_B1N_6_1_R</b>	IF VOLUNTEERED: OTHER

**NOTES:**

The public-use data file offers a number of other variables summarizing race at the household-level. Please see the following items in the derived variables section under child and household characteristics: HH\_CHAR\_RACE and HHC\_HH\_CHAR\_RACE, HH\_RACE\_2NONH, HH\_RACE\_AI, HH\_RACE\_ALLHISP, HH\_RACE\_AS, HH\_RACE\_BL, HH\_RACE\_MULTI, HH\_RACE\_NH, HH\_RACE\_OT, HH\_RACE\_WH, HH\_RACEALLBL.

---

**SKIP LOGIC BOX B.7**

IF HHMEM IS R OR PARENT OF CHILD UNDER 13 IN HH → GO TO B1O  
ELSE → SKIP TO INSTRUCTION AFTER B1O\_1

 **(R) HH\_B1O\_US\_X (X = 1 to 12)**

Variables affecting eligibility for this item: SKIP LOGIC BOX B.1SKIP LOGIC BOX B.7

**B1o.** [IF FIRST HHM:] In which country were you born?

[IF SECOND OR HIGHER HHM:] In which country was [HHM NAME] born?

- |                  |                                   |
|------------------|-----------------------------------|
| 1. United States | → SKIP TO INSTRUCTION AFTER B1O_1 |
| 2. Not in U.S.   | → GO TO B1o_CNTRY                 |
| 3. DK/REF        | → SKIP TO INSTRUCTION AFTER B1O_1 |

 **NOTES:**

The NSECE public-use HH data file includes HH\_HHM\_COUNTRY\_[1-12] in the derived variables section. These variables provide the country of birth for each household member.

---

**HH\_HHM\_COUNTRY\_X (X=1-12 HHM)**

**(R) HH\_B1O\_CNTRY\_X (X = 1 to 12)**

Variables affecting eligibility for this item: SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.7,

**HH\_B1O\_US\_X (X = 1 to 12)= 2**

**B1o\_CNTRY**

[IF FIRST HHM:] In which country were you born?

[IF SECOND OR HIGHER HHM:] In which country was [HHM NAME] born?

[drop down]

- |                                 |                                    |                              |
|---------------------------------|------------------------------------|------------------------------|
| 1. Don't know/Refused           | 19. Bahamas                        | 37. Brunei                   |
| 2. Afghanistan                  | 20. Bahrain                        | 38. Bulgaria                 |
| 3. Akrotiri                     | 21. Bangladesh                     | 39. Burkina Faso             |
| 4. Albania                      | 22. Barbados                       | 40. Burma                    |
| 5. Algeria                      | 23. Bassas da India                | 41. Burundi                  |
| 6. American Samoa               | 24. Belarus                        | 42. Cambodia                 |
| 7. Andorra                      | 25. Belgium                        | 43. Cameroon                 |
| 8. Angola                       | 26. Belize                         | 44. Canada                   |
| 9. Anguilla                     | 27. Benin                          | 45. Cape Verde               |
| 10. Antarctica                  | 28. Bermuda                        | 46. Cayman Islands           |
| 11. Antigua and Barbuda         | 29. Bhutan                         | 47. Central African Republic |
| 12. Argentina                   | 30. Bolivia                        | 48. Chad                     |
| 13. Armenia                     | 31. Bosnia and Herzegovina         | 49. Chile                    |
| 14. Aruba                       | 32. Botswana                       | 50. China                    |
| 15. Ashmore and Cartier Islands | 33. Bouvet Island                  | 51. Christmas Island         |
| 16. Australia                   | 34. Brazil                         | 52. Clipperton Island        |
| 17. Austria                     | 35. British Indian Ocean Territory | 53. Cocos (Keeling) Islands  |
| 18. Azerbaijan                  | 36. British Virgin Islands         | 54. Colombia                 |

55. Comoros	97. Guadeloupe	140. Luxembourg
56. Congo	98. Guam	141. Macau
57. Cook Islands	99. Guatemala	142. Macedonia
58. Coral Sea Islands	100. Guernsey	143. Madagascar
59. Costa Rica	101. Guinea	144. Malawi
60. Cote d'Ivoire	102. Guinea-Bissau	145. Malaysia
61. Croatia	103. Guyana	146. Maldives
62. Cuba	104. Haiti	147. Mali
63. Cyprus	105. Heard Island and McDonald Islands	148. Malta
64. Czech Republic	106. Holy See (Vatican City)	149. Marshall Islands
65. Denmark	107. Honduras	150. Martinique
66. Dhekelia	108. Hong Kong	151. Mauritania
67. Djibouti	109. Hungary	152. Mauritius
68. Dominica	110. Iceland	153. Mayotte
69. Dominican Republic	111. India	154. Mexico
70. Ecuador	112. Indonesia	155. Micronesia, Federated States of
71. Egypt	113. Iran	156. Moldova
72. El Salvador	114. Iraq	157. Monaco
73. Equatorial Guinea	115. Ireland	158. Mongolia
74. Eritrea	116. Isle of Man	159. Montserrat
75. Estonia	117. Israel	160. Morocco
76. Ethiopia	118. Italy	161. Mozambique
77. Europa Island	119. Jamaica	162. Namibia
78. Falkland Islands (Islas Malvinas)	120. Jan Mayen	163. Nauru
79. Faroe Islands	121. Japan	164. Navassa Island
80. Fiji	122. Jersey	165. Nepal
81. Finland	123. Jordan	166. Netherlands
82. France	124. Juan de Nova Island	167. Netherlands Antilles
83. French Guiana	125. Kazakhstan	168. New Caledonia
84. French Polynesia	126. Kenya	169. New Zealand
85. French Southern and Antarctic Lands	127. Kiribati	170. Nicaragua
86. Gabon	128. North Korea	171. Niger
87. Gambia	129. South Korea	172. Nigeria
88. Gaza Strip	130. Kuwait	173. Niue
89. Georgia	131. Kyrgyzstan	174. Norfolk Island
90. Germany	132. Laos	175. Northern Mariana Islands
91. Ghana	133. Latvia	176. Norway
92. Gibraltar	134. Lebanon	177. Oman
93. Glorioso Islands	135. Lesotho	178. Pakistan
94. Greece	136. Liberia	179. Palau
95. Greenland	137. Libya	180. Panama
96. Grenada	138. Liechtenstein	181. Papua New Guinea
	139. Lithuania	182. Paracel Islands

183. Paraguay	207. Sierra Leone	231. Tokelau
184. Peru	208. Singapore	232. Tonga
185. Philippines	209. Slovakia	233. Trinidad and Tobago
186. Pitcairn Islands	210. Slovenia	234. Tromelin Island
187. Poland	211. Solomon Islands	235. Tunisia
188. Portugal	212. Somalia	236. Turkey
189. Puerto Rico	213. South Africa	237. Turkmenistan
190. Qatar	214. South Georgia and the South Sandwich Islands	238. Turks and Caicos Islands
191. Reunion	215. Spain	239. Tuvalu
192. Romania	216. Spratly Islands	240. Uganda
193. Russia	217. Sri Lanka	241. Ukraine
194. Rwanda	218. Sudan	242. United Arab Emirates
195. Saint Helena	219. Suriname	243. United Kingdom
196. Saint Kitts and Nevis	220. Svalbard	244. United States
197. Saint Lucia	221. Swaziland	245. Uruguay
198. Saint Pierre and Miquelon	222. Sweden	246. Uzbekistan
199. Saint Vincent and the Grenadines	223. Switzerland	247. Vanuatu
200. Samoa	224. Syria	248. Venezuela
201. San Marino	225. Taiwan	249. Vietnam
202. Sao Tome and Principe	226. Tajikistan	250. Virgin Islands
203. Saudi Arabia	227. Tanzania	251. Wake Island
204. Senegal	228. Thailand	252. Wallis and Futuna
205. Serbia and Montenegro	229. Timor-Leste	253. West Bank
206. Seychelles	230. Togo	



#### NOTES:

HH\_HHM\_COUNTRY\_[1-12] was created by combining responses from HH\_B1O\_US\_X and HH\_B1O\_CNTRY\_X (X=1-12 HHM) and combining the countries listed above into a smaller set. The public-use variable has the following code frame:

- 9. HHM X does not exist
- 2. Missing (Assumed Legitimate Skip)
- 1. DK/REF
- 1. United States
- 2. Mexico
- 3. El Salvador
- 4. India
- 5. Philippines
- 6. Dominican Republic
- 7. Other

Original response data is available in the NSECE HH restricted-use data file.

---

**HH\_IMMIGRATE\_X (X=1-12 HHM)**

**(R) HH\_B1O\_1\_YEAR\_X (X = 1 to 12)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX B.1, SKIP LOGIC BOX B.7, HH\_B1O\_US\_X (X = 1 to 12)=2**

**B1o\_1.** [IF FIRST HHM:] In what year did you first come to USA?

[IF SECOND OR HIGHER HHM:] In what year did [he/she] first come to USA?

YEAR: \_\_\_\_\_

Range: 1900-2012

-1. DK/REF

**NOTES:**

In order to minimize the risk of disclosure, the public-use variable indicates whether the HHM first came to the US before or after his/her children were born. The variable has the following code frame:

- 9. HHM X does not exist
- 2. Missing (Legitimate Skip)
- 1. DK/REF
- 1. HHM immigrated after children were born
- 2. HHM immigrated before children were born

Original response data is available in the NSECE HH restricted-use data file.

THE INSTRUMENT ASKS B1b-B1o\_1 FOR EACH REMAINING INDIVIDUAL IN HH. WHEN ALL HH MEMBERS HAVE BEEN ASKED ABOUT, THE INSTRUMENT PROCEEDS TO B2.

---



**HH\_LANGUAGE**



**HHC\_HH\_LANGUAGE**

- (R) HH\_B2\_R\_LANG1  
(R) HH\_B2\_R\_LANG2  
(R) HH\_B2\_R\_LANG3  
(R) HH\_B2\_R\_LANG4  
(R) HH\_B2\_R\_LANG5

**B2.** Now I have some additional questions about your household and other family. These questions are about the whole household and not just individual people.

What language is usually spoken in this household? (CHECK ALL THAT APPLY)

**LANGUAGE:**

0	No other language provided	41	Chuukese
1	Arabic	42	Creole
2	Armenian	43	Czech
3	Chinese	44	Creole
4	English	45	Dutch
5	French (including Patois, Cajun)	46	Ethiopian
6	French creole	47	Fijian
7	German	48	African dialects
8	Greek	49	Igbo
9	Gujarati	50	Ilocano
10	Hebrew	51	Indian dialects
11	Hindi	52	Indonesian
12	Hungarian	53	Moratai
13	Italian	54	Jamaican/Haitian Creole
14	Japanese	55	Kannada
15	Korean	56	Karen
16	Laotian	57	Kurdish
17	Miao, Hmong	58	Lakota
18	Mon-Khmer, Cambodian	59	Latvian
19	Navajo	60	Mixteco
20	Persian	61	Nepali
21	Polish	62	Mongolian
22	Portuguese or Portuguese Creole	63	Norwegian
23	Russian	64	Oromo
24	Serbo-Croatian	65	Pashto
25	Spanish or Spanish Creole	66	Punjabi
26	Tagalog	67	Romanian
27	Thai	68	Samoan
28	Urdu	69	Somali
29	Vietnamese	70	Swahili
30	Yiddish	71	Tamil
31	Other	72	Telugu
32	DK/REF	73	Tigrinya
33	American Sign Language	74	Turkish
34	Amharic	75	Twi
35	Albanian	76	Ukrainian
36	Bengali	77	Visyan/Cebuano/Bisaya
37	Bulgarian	78	Yoruba
38	Burmese	79	Malayalam
39	Cape Verdean	80	Pennsylvanian Dutch
40	Chamorro	81	Tongan

82	Nahuatl	85	Finnish
83	Hawaiian	86	Pidgin
84	Mandinka	87	Sesotho



#### **NOTES:**

The original question asked respondents to select all languages that were regularly spoken in the household from a list of options. The original list consisted of the first thirty-two categories in the list above. If “other” was selected, respondents specified what those other languages were in B2\_spec. Other/Specify responses were coded into the existing code frame where possible or to the new categories added to the frame (33-87) during post-coding for up to five languages. When it was not possible to code a response into any of the categories listed above, they remained in the category “Other.”

The public use data file includes variables containing the language or combination of languages usually spoken in the household. To prevent disclosure, this variable includes most common languages and combinations of languages collected in question B2. Variable is a characteristic of the household and does not represent the specific language(s) spoken by each child. The language categories are:

- 2. Missing (Assumed Legitimate Skip)
  - 1. English Only
  - 2. English and Spanish/Spanish Creole
  - 3. Spanish/Spanish Creole Only
  - 4. English and Other
  - 5. Other Only



Variables affecting eligibility for this item: **B2**

**B2 SPEC.**      SPECIFY OTHER LANGUAGE

-1. DK/REF

(R) HH\_B3\_REL45

- B3.** [Does your child/Do your children] have any relatives who live within 45 minutes of your child's home? Please include relatives on your side of the family as well as relatives of the child's other parent.

IF NEEDED: Please report all relatives, even if they could not or would not provide care for a child

- 1. Yes → GO TO B3B
  - 2. No → SKIP TO C1
  - 3. DK/REF → GO TO C1

→ **(R) HH\_B3B\_CAREFREE**

Variables affecting eligibility for this item: **HH\_B3\_REL45**

**B3b.** Would any of these relatives be able to care for your child/children on a regular basis with no payment or only payment that covers transportation costs?

1. Yes
  2. No
  3. DK/REF
- 

→ **(R) HH\_B3C\_CAREPAY**

Variables affecting eligibility for this item: **HH\_B3\_REL45**

**B3c.** Would any of these relatives be able to care for your child if you were to pay them?

1. Yes
  2. No
  3. DK/REF
-

## Section C. Nonparental Care: Types and Hours

### Overview for Data Users – Section C

Section C collected a detailed schedule of care for the week prior to the interview for each child in the household (C1 – C4C2). Once the schedule(s) had been reported, the instrument then collected information on each provider who did not live within the household (C5 – C12). The section concludes with the respondent's perceptions of different types of care (C14).

A separate public-use data file for the child calendar data has been created to facilitate use. The documentation is available in the derived variables section under child calendar data. See the following variables for data on schedule of care for each child in the household: **HH\_CHCAL\_R\_X\_Z**, **HH\_BLOCKTIME\_Z**, and **HH\_BLOCKDAY\_Z**.

Information on the type of care a HH uses is also available in the public-data file. See the following variables under Type of Care in the derived variables section: **HH\_PROVADDTYPE1\_X**, **HH\_PROVADDTYPE2\_X**, **HH\_PROVADDTYPE3\_X**, **HH\_PROVADDTYPE4\_X**, **HH\_PROVADDTYPE5\_X**, **HH\_PROVADDTYPE6\_X**, **HH\_PROVADDTYPE7\_X**, **HH\_PROVQEDTYPE\_X**, **HH\_TOCSUMRY\_Y\_X**, **HH\_BPQUALFLAG\_Y\_X**, **HH\_BPEDITFLAG\_Y\_X**, **HH\_BPSOURCEFLAG\_Y\_X**.

Data on the distance between the household and provider's location can also be found in the derived variables section under Distance Variables: **HH\_DIS\_PROV\_CH\_C\_X\_Y** and **HH\_DIS\_HHPROD\_C\_Y**.

Now I'd like to understand your child care schedule last week.

#### C1\_INTRO.

[READ FOR FIRST CHILD ONLY:] In addition to a child's parents, a child may be cared for by other adults in the household, by relatives or friends outside of the household, or by a child-care professional in a center or someone's home. Next I have some questions about various people who cared for your child/children during the last week (that is, Monday, [MONDAY DATE] to Sunday, [SUNDAY DATE]).

TO BUILD THE CHILD CARE SCHEDULE FOR THE PRIOR WEEK, THE INSTRUMENT FIRST COLLECTED THE PROVIDERS WHO LOOKED AFTER CHILDREN UNDER 13 DURING THE PRIOR WEEK. THE INSTRUMENT AUTOMATICALLY INCLUDED ALL HH MEMBERS IN SLOTS 1-15 WHO WERE NOT THE RESPONDENT, WERE NOT THE RESPONDENT'S SPOUSE (HH\_B1D\_RLTION\_R\_X NOT 1), AND DID NOT HAVE A CHILD IN THE HH (HH\_B1E\_HAVECHILD\_X NOT 1). THEN THE R WAS ASKED TO INCLUDE ANY ADDITIONAL PROVIDERS WHO LOOKED AFTER CHILDREN.

- C1.** [Let's start with [CHILD 1 NAME]. Now let's talk about [CHILD X NAME].] Please tell me all of the people or organizations that cared for [him/her] last week. Do not include any parent of a child under 13 in this household or his or her spouse.

[IF CHILD AGE 5 YEARS OR MORE]: If your child attended regular school for any grade from kindergarten through eighth grade, please tell me the name of that school. If [CHILD NAME] also attended a before or after-school program, either at the school or somewhere else, please mention that program separately.

Please also include any other activities, such as playdates or babysitters.

1. [HHM 1]
2. [HHM 2]
3. [HHM 3]
4. [HHM 4]
5. [HHM 5]
6. [HHM 6]
7. [HHM 7]
8. [HHM 8]
9. [HHM 9]
10. [HHM 10]
11. [HHM 11]
12. [HHM 12]
13. [HHM 13]
14. [HHM 14]
15. [HHM 15]
16. [PROV 1]
17. [PROV 2]
18. [PROV 3]
19. [PROV 4]
20. [PROV 5]
21. [PROV 6]
22. [PROV 7]
23. [PROV 8]
24. [PROV 9]
25. [PROV 10]
26. [PROV 11]
27. [PROV 12]
28. [PROV 13]
29. [PROV 14]
30. [PROV 15]
31. ADD PROVIDER

→ GO TO C1A1

- |                             |                  |
|-----------------------------|------------------|
| 32. CHILD HIM/HERSELF       | → GO TO C1A_MORE |
| 33. USED PARENTAL CARE ONLY | → SKIP TO C3     |
| 34. DK/REF                  | → GO TO C1A_MORE |
- 

**C1A1.** ENTER PROVIDER NAME.

- 
- 1. DK/REF
- 

**C1A\_MORE.** Is there another provider for [CHILD]?

- |           |   |
|-----------|---|
| 1. Yes    | → GO TO C1 FOR [CHILD], NEXT PROVIDER     |
| 2. No     | → GO TO C1 FOR NEXT CHILD, FIRST PROVIDER |
| 3. DK/REF | → GO TO C1 FOR NEXT CHILD, FIRST PROVIDER |

THE INSTRUMENT REPEATED C1 LOOP FOR ALL CHILDREN UNDER 13 BEFORE MOVING ON TO C2\_INTRO

---

**C2\_INTRO.** Now I'd like to understand your child care schedule last week.

THE INSTRUMENT COLLECTED CARE ARRANGEMENTS FOR EACH CHILD UNDER 13 IN THE HH FOR EACH DAY IN THE PRIOR WEEK. THE INSTRUMENT FIRST IDENTIFIED THE PROVIDER FROM THE LIST OF PROVIDERS CREATED IN C1 AND THEN COLLECTED THE START AND STOP TIMES FOR EACH CARE SESSION. IF A PROVIDER CARED FOR A CHILD MULTIPLE TIMES IN THE DAY, EACH SESSION OF CARE WAS REPORTED SEPARATELY. WHEN CARE ARRANGEMENTS HAD BEEN COLLECTED FOR THE FIRST CHILD, THE INSTRUMENT MOVED TO THE NEXT CHILD UNDER 13 AND COLLECTED LAST WEEK'S CARE ARRANGEMENTS UNTIL ALL CHILDREN HAD BEEN ASKED ABOUT.

---

IF NEEDED: Please tell me about last week, even if it was an unusual week. I'll ask you other questions about your usual schedule later on. (*GRID: question format shown in Appendix 6.1.*)

**C2.** Thinking about last [DAY] (that is, [FILL DATE]), who cared for [CHILD NAME]? Do not include any parent of a child under 13 in this household or his or her spouse.

- Provider selected from roster of providers  
Used parental care only  
Add new provider  
-1. DK/REF
-

- C2A1.** What time **last [DAY]** did [PROVIDER] start to care for [CHILD NAME]?  
START TIME:
- 

- C2D.** When did the care with [PROVIDER] end last [DAY]?

END TIME:

And who cared for him/her next that day?

---

- C2D2.** Thinking about [CHILD NAME]'s schedule for last week, was any day's schedule last week the same as last [Monday/Tuesday/Wednesday/Thursday/Friday/Saturday/Sunday]? SELECT ALL THAT APPLY. (*GRID: question format shown in Appendix 6.1.*)

Monday  
Tuesday  
Wednesday  
Thursday  
Friday  
Saturday  
Sunday

**NO IDENTICAL DAYS**

IF DAY SELECTED (C2D2=1 TO 7), GO TO C2A2.

IF C2D2 = 8 (NO IDENTICAL DAYS), GO TO C2 FOR NEXT DAY OF THE WEEK.

---

- C2A2.** [IF NEEDED: Sometimes a child's schedule on a specific day is different from his/her regular schedule for that day of the week.] Was [CHILD NAME]'s schedule last [DAY SELECTED IN C2D2] identical to [ORIGINAL DAY] that week, or were there some differences in when or where s/he spent time those two days? (*GRID: question format shown in Appendix 6.1.*)

4. Identical → GO to next day of week in C2  
5. Some differences → GO TO CURRENT DAY OF WEEK IN C2

INSTRUMENT REPEATED C2/C2A1/C2D, C2D2, C2A2 UNTIL CHILD CARE SCHEDULE IS COMPLETE FOR ALL DAYS (MONDAY TO SUNDAY). THEN INSTRUMENT WENT TO C3.

C3 TO C4B WERE ASKED FOR UP TO 2 PROVIDERS PER CHILD WHO USUALLY PROVIDED CARE BUT DID NOT PROVIDE CARE LAST WEEK.

---

**(R) HH\_C3\_OTHCARE\_X\_1**

**(R) HH\_C3\_OTHCARE\_X\_2**

(X=1 to 10 [CHILD NUMBER]; 1 or 2 is for the 1st and 2nd usual-but-not-last-week provider for the child)

**C3.** Does anyone else regularly care for [CHILD NAME], even if they didn't happen to care for [him/her] last week? By regularly I mean at least five hours each week.

1. YES → GO TO C4
  2. NO → GO TO INSTRUCTION BEFORE C4C
  3. DK/REF → GO TO INSTRUCTION BEFORE C4C
- 

**C4.** Who usually provides care for [CHILD NAME] but didn't do so last week?

NAME:

\_\_\_\_\_  
-1. DK/REF

---

**(R) HH\_C4A\_PLACE\_X\_1**

**(R) HH\_C4A\_PLACE\_X\_2**

(X=1 to 10 [CHILD NUMBER]; 1 or 2 is for the 1st and 2nd usual-but-not-last-week provider for the child)

**C4a.** Does that care usually take place at your home or somewhere else?

1. R's home
  2. Somewhere else
  3. DK/REF
- 

**C4b.** How many hours per week does [C4 PROVIDER] usually care for [CHILD NAME]?

NAME:

\_\_\_\_\_  
-1. DK/REF

IF THE HH HAD MORE THAN ONE CHILD UNDER AGE 13, THE INSTRUMENT WENT TO C4C.

IF THERE WAS ONLY ONE ELIGIBLE CHILD OR IF IT WAS THE LAST CHILD, THE INSTRUMENT WENT TO C5 TO ASK QUESTIONS ABOUT PROVIDERS.

C4c. Was (CHILD)'s schedule last Monday the same as another child's Monday schedule?

1. Yes → GO TO C4C1
  2. No → GO TO C2/C2A1/C2D FOR THIS CHILD, MONDAY
- 

C4C1. Which child had the same [DAY] schedule?

1. Child 1
  2. Child 2
  3. Child 3
  4. Child 4
  5. Child 5
  6. Child 6
  7. Child 7
  8. Child 8
  9. Child 8
  10. Child 10
- 

C4C2. [IF NEEDED: Sometimes a (CHILD)'s schedule on a specific day is different from his/her regular schedule for that day of the week.] Was [CHILD NAME]'s schedule last [DAY] identical to [CHILD SELECTED IN C4C1]'s schedule, or were there some differences in when or where s/he spent time last [DAY]?

1. Identical → GO TO C2D2
2. Some differences → GO TO C2 for [child] on [day]

INSTRUMENT REPEATED C2/C2A1/C2D, C2D2, C2A2, C4C, C4C1, C4C2 UNTIL CHILD CARE SCHEDULE WAS COMPLETE FOR ALL DAYS (MONDAY TO SUNDAY).

---

C5. Now I have a few more questions about each (person/organization) that cares for your (child/children).

THE INSTRUMENT LOOPED THROUGH C5 TO C9 FOR EACH PROVIDER (LAST WEEK AND REGULAR) FOR EACH CHILD. THE INSTRUMENT WENT TO C5A UNLESS THE HH USED PARENTAL CARE ONLY OR PROVIDER LIVED IN THIS HOUSEHOLD, THEN THE INSTRUMENT WENT TO THE INSTRUCTION BEFORE C9. THE INSTRUMENT ASKED ONLY ONCE ABOUT EACH PROVIDER, REGARDLESS OF HOW MANY CHILDREN WERE CARED FOR BY THAT PROVIDER.

---

**C5A.** [IF NOT OBVIOUS, ASK:] Is (PROVIDER) an individual or an organization?

1. Individual → GO TO C5C
  2. Individual with family day care → GO TO C6
  3. Organization → GO TO C6
  4. DK/REF → GO TO C8
- 

**C5C.** Did you have a personal relationship with (PROVIDER) before s/he began caring for your child/children?

1. YES → GO TO C5CA
  2. NO → GO TO C5D
  3. DK/REF → GO TO C5D
- 

**C5CA.** What is your relationship to (PROVIDER)?

1. R is provider's former spouse/partner → GO TO C5D
  2. R is provider's child/son/daughter-in-law → GO TO C5CB
  3. R is provider's brother or sister or brother or sister-in-law → GO TO C5D
  4. R is provider's other relative → GO TO C5CB
  5. R is provider's friend → GO TO C5D
  6. R is provider's neighbor → GO TO C5D
  7. DK/REF(GO TO C5D)
- 

**C5CB.** (IF C5CA = 2) So (PROVIDER) Is the CHILD's grandparent? / (IF C5CA = 4) Is this [CHILD]'s grandparent?

1. Yes
  2. No
  3. DK/REF
- 

**C5D.** (IF NOT OBVIOUS: ) Does this individual live in this household or provide care in this household?

1. Yes, lives here → SKIP TO INSTRUCTION BEFORE C9
2. Yes, provides care here but does not live here → SKIP TO INSTRUCTION BEFORE C9
3. No, neither lives here nor provides care here → SKIP TO C8
4. DK/REF → SKIP TO C8

C6. **(IF NOT OBVIOUS:)** What is the full name of [PROVIDER NAME]?

IWER INSTRUCTION: RE-ENTER FULL NAME OF PROVIDER IF OBVIOUS.

---

C7. I have a list of most child care providers in the area, and I'll see if this program is on my list. In that case, I won't have to ask you quite as many questions about their care.

SELECT STATE PROVIDER LOCATED IN

 NOTES:

Please refer to chapter 4 of the user's guide for more information on the provider look-up and how it was constructed.

---

C7\_2. IN WHAT CITY IS [PROVIDER NAME] LOCATED?

CITY:

---

C7\_3. PLEASE SELECT PROVIDER. IF PROVIDER NOT LISTED, SELECT "NOT ON LIST".

IF PROVIDER FOUND IN LIST, SKIP TO C8A. ELSE ASK C8.

---

C8. [IF C5A=2 OR 3]IF ORGANIZATION: I'm not finding the listing.] Could you tell me the street address where (s/he lives/they are)?

IF NEEDED: Your answers to this and all other questions will be confidential and released only in statistical form.

IF NEEDED: Could I know just the zip code and the intersection nearest provider? You can just tell me two cross-streets and the zip code, or the city and state and cross streets.

IF NEEDED: We know that the location of child care is very important to parents and children. We only want the location of the provider in order to understand the distances between providers, the child's home, and other important locations.

1. Enter address

→ GO TO C8\_ADDR2

Enter zip and cross streets

→ GO TO C8\_CROSS

Enter city/state and cross streets  
DK/REF

→ GO TO C8\_CROSS2  
→ GO TO C8A

---

### C8\_ADDR2.

ENTER ADDRESS INFORMATION:

ADDRESS \_\_\_\_\_

-1. DK/REF

CITY \_\_\_\_\_

-1. DK/REF

STATE \_\_\_\_\_

-1. DK/REF

ZIP \_\_\_\_\_

-1. DK/REF

---

### C8\_CROSS.

CROSS-STREETS

ZIP \_\_\_\_\_

-1. DK/REF

STREET 1 \_\_\_\_\_

-1. DK/REF

STREET 2 \_\_\_\_\_

-1. DK/REF

---

### C8\_CROSS2.

CROSS-STREETS

CITY \_\_\_\_\_

-1. DK/REF

STATE \_\_\_\_\_

-1. DK/REF

STREET 1 \_\_\_\_\_

-1. DK/REF

STREET 2 \_\_\_\_\_

-1. DK/REF

[IF C5A = 1, SKIP TO C9. ELSE ASK C8A.]

---

**HH\_C8A\_X (X=1 to 12)**

**C8A.** (INTERVIEWER: CODE OR ASK IF NECESSARY:) Is [PROVIDER NAME] a regular school such as a K to 6 or K to 8 elementary school or grades 6-8 middle school?

1. Yes → GO TO C8\_1
  2. No → GO TO C8\_3
  3. DK/REF → GO TO C8\_3
- 

**C8\_1.** Last week, what were the hours of the regular school day at [PROVIDER]? **IF HOURS VARIED BY DAY, RECORD LONGEST DAY LAST WEEK.**

START TIME: \_\_\_\_\_

-1. DK/REF

END TIME: \_\_\_\_\_

-1. DK/REF

[SKIP TO INSTRUCTION BEFORE C9.]

---

**C8\_3.** Some organizations provide a single type of activity for children, that many children may participate in for only a couple of hours each week. These could include tutoring programs, sports, or music or dance lessons.

Would you say that [PROVIDER] offers a single type of activity or more than one type of activity?

1. Single
  2. More than one
  3. DK/REF
- 

**C8\_4.** Some organizations offer drop-in care that parents can use on an unscheduled basis and without signing up in advance. Gyms, shopping malls, community centers and churches are some places that can offer drop-in care.

Does [CHILD] attend [PROVIDER] on a drop-in basis?

1. Yes
2. No
3. DK/REF

IF PROVIDER PROVIDED CARE LAST WEEK, ASK C9. ELSE GO TO C5 AND ASK ABOUT NEXT PROVIDER UNTIL ALL PROVIDERS ASKED ABOUT.

---

**C9.** Does [PROVIDER] care for (CHILD) regularly? By regularly, we mean at least five hours each week.

1. Yes
2. No
3. DK/REF

THE INSTRUMENT LOOPED THROUGH EACH PROVIDER ASKING QUESTIONS C5 THROUGH C9 UNTIL ALL PROVIDERS WERE ASKED ABOUT. THEN THE INSTRUMENT PROCEEDED TO C1A2.

---

### **C1A2\_INTRO.**

These next questions are about your interactions with [PROVIDER]

THE INSTRUMENT LOOPED THROUGH C1A2 TO C11 FOR ALL PROVIDERS WHO WERE NON-SCHOOL (HH\_C8A\_X NOT 1 AND HH\_PROVPTYPE\_X NOT 06), NON-SINGLE ACTIVITY (HH\_C8\_3\_X NOT 1), NON-DROP-IN (HH\_C8\_4\_X NOT 1), NON-HHM (HH\_PTYPEx NOT 1-15), AND PROVIDED AT LEAST 5 HOURS OF CARE PER WEEK (HH\_REGCAREFLAG\_X = 1) ARE ASKED ABOUT.

---

### **(R) HH\_C1A2\_PLACE\_X (X = 1 to 12 [PROVIDER])**

**C1a2.** Please tell me whether this care usually takes place in your home or somewhere else.

- |                   |                                |
|-------------------|--------------------------------|
| 1. R's home       | → GO TO INSTRUCTION BEFORE C11 |
| 2. Somewhere else | → GO TO C1B                    |
| 3. DK/REF         | → GO TO C1B                    |

---

### **(R) HH\_C1B\_TRNSPORT\_X (X = 1 to 12 [PROVIDER])**

**C1B.** How did your child/children usually get to [PROVIDER] last week? (**CODE ONE PER CHILD, DO NOT PROBE FOR ADDITIONAL.**)

1. Walking or bicycle
2. Car
3. Public transportation
4. School bus

- 
- 5. Other
  - 6. DK/REF
- 

**(R) HH\_C1C\_ACCOMP\_X (X = 1 to 12 [PROVIDER])**

**C1C.** Who usually took your child/children there?

- <list PROVIDERS AND PARENTS>
- 1. DK/REF

[IF C5A = 2 OR 3, OR C5A = 1 AND C5C= 2, GO TO C11. ELSE GO TO INSTRUCTIONS BEFORE C14.]

---

**HH\_C11\_SAMELANG\_X (X = 1 to 12 [PROVIDER])**

**C11.** Do you have any difficulties talking with (PROVIDER/your caregiver at PROVIDER) because both of you aren't comfortable speaking the same language?

- 1. Yes
- 2. No
- 3. DK/REF

AFTERALL PROVIDERS WHO WERE NON-SCHOOL (HH\_C8A\_X NOT 1 AND HH\_PROVPTYPE\_X NOT 06), NON-SINGLE ACTIVITY (HH\_C8\_3\_X NOT 1), NON-DROP-IN (HH\_C8\_4\_X NOT 1), NON-HHM (HH\_PTYPE\_X NOT 1-15), AND PROVIDED AT LEAST 5 HOURS OF CARE PER WEEK (HH\_REGCAREFLAG\_X = 1) WERE ASKED ABOUT, THE INSTRUMENT WENT TO C14.

---

**(R) HH\_C14\_SELECT**

The position of the randomly selected child in the child roster collected at **HH\_A1**.

THE INSTRUMENT RANDOMLY SELECTED ONE CHILD FROM THE CHILD ROSTER TO SERVE AS THE POINT FO REFERENCE FOR THE C14 QUESTION SERIES BELOW.

---

**C14INTRO.** These next questions are about how you view different types of childcare or after-school care for children of the same age as [SELECTED CHILD]. Please think about each type of care in general, not any specific program you know of. The types of care I will ask you about are: center care, relative or friend care, family day care, and parental care.

FOR THE C14 LOOP, X INDICATES QUESTIONS ON THE FOLLOWING TYPES OF CARE:  
1=CENTER CARE  
2=RELATIVE OR FRIEND CARE  
3=FAMILY DAY CARE  
4=PARENTAL CARE

---

**(R) HH\_C14\_1\_X (X=1 to 4; [TYPE OF CARE])**

- C14\_1.** [Let's start with center care. Examples of center care include preschools, Head Start, an after school program at school, or a child care center.  
/Let us continue with relative or friend care, where a relative or close family friend cares for a child in the relative's/friend's home or the child's home.  
/Next let us think about family care, where an individual has a child care business in his or her own home and cares for a few or several children there.  
/Last, let us talk about parental care, where the parents are the only care providers a child has.]

Now how would you rate it on having a nurturing environment for children of the same age as (SELECTED CHILD IN C14\_SELECT)? Would you say: excellent, good, fair, poor?

1. Excellent
2. Good
3. Fair
4. Poor
5. No opinion
6. DK/REF

---

**(R) HH\_C14\_2\_X (X=1 to 4; [TYPE OF CARE])**

- C14\_2.** How would you rate (center care/relative or friend care/family day care/parental care) on helping children be ready to learn in school for children of the same age as (SELECTED CHILD IN C14\_SELECT)? Would you say excellent, good, fair, poor?
1. Excellent
  2. Good
  3. Fair
  4. Poor
  5. No opinion
  6. DK/REF

**(R) HH\_C14\_3\_X (X=1 to 4; [TYPE OF CARE])**

**C14\_3.** How about (center care/relative or friend care/family day care/parental care) for teaching children how to get along with other children? (Would you say it is excellent, good, fair, poor very good, somewhat good, or not very good for children of the same age as (SELECTED CHILD IN C14\_SELECT)?)

1. Excellent
  2. Good
  3. Fair
  4. Poor
  5. No opinion
  6. DK/REF
- 

**(R) HH\_C14\_4\_X (X=1 to 4; [TYPE OF CARE])**

**C14\_4.** How about safety in center care/relative or friend care/family day care/parental care (for children of the same age as (SELECTED CHILD IN C14\_SELECT))? (Would you say it is excellent, good, fair, poor for children of the same age as (SELECTED CHILD IN C14\_SELECT)?)

1. Excellent
  2. Good
  3. Fair
  4. Poor
  5. No opinion
  6. DK/REF
- 

**(R) HH\_C14\_5\_X (X=1 to 4; [TYPE OF CARE])**

**C14\_5.** How about affordability of center care/relative or friend care/family care/parental care ()? (Would you say this type of care is excellent, good, fair, poor in terms of parents being able to afford it?)

1. Excellent
  2. Good
  3. Fair
  4. Poor
  5. No opinion
  6. DK/REF
-

**(R) HH\_C14\_6\_X (X=1 to 4; [TYPE OF CARE])**

**C14\_6.** How about flexibility for parents who use center care/relative or friend care/family care/parental care? (Would you say this type of care is excellent, good, fair, poor for parents' flexibility?)

1. Excellent
2. Good
3. Fair
4. Poor
5. No opinion
6. DK/REF

THE INSTRUMENT LOOPED THROUGH C14\_1 TO C14\_6 FOR ALL TYPES OF CARE; THEN MOVED TO SECTION D.

## Section D. Respondent and Spouse Employment Schedules

### Overview of Data Users – Section D

Section D collected data on respondent and spouse employment schedules, the type of work they did along with other information about their jobs. Questions were asked for the respondent, , for the respondent's spouse if in household, for any other parent of a child under 13 in the household, and for any household member who provided more than five hours of care last week. The section begins by developing a detailed schedule of work, school, and/or training activities for each individual for the week prior to the interview (D1A – D1D). Then the questions then collects information on employment and wage (D2 – D5D). The section concludes by asking about how child care issues have affected job attendance (D9A – D13).

A separate public-use data file for the child care/work calendar data has been created to facilitate use. The documentation is available in the derived variables section under child care calendar data. See the following variables for data on the work schedule for each eligible individual in the household: **HH\_ADCAL\_R\_X\_Z**, **HH\_BLOCKTIME\_Z**, and **HH\_BLOCKDAY\_Z**.

Information on employment and wages is also available in the public-use data file. These variables are listed in the derived variables section of the documentation under occupation and wage for the Respondent and Spouse: **HH\_D2\_OCC\_CODE\_1\_R**, **HH\_D2\_OCC\_CODE\_2\_R**, **HH\_D2A\_IND\_CODE\_1\_R**, **HH\_D2A\_IND\_CODE\_2\_R**, **HH\_D3D\_WAGE\_TC\_X**, **HH\_D5D\_WAGE\_R\_TC\_X**.

See **HH\_DIS\_HHWORK\_C\_Y** in the derived variables section for the calculated distance between the adult's home and place of work.

SECTION D COLLECTED DATA ON R AND SPOUSE EMPLOYMENT SCHEDULES. QUESTIONS WERE ASKED FOR RESPONDENT, AND R'S SPOUSE IF ANY IN HOUSEHOLD (HH\_B1D\_RLTION\_R\_X = 1), AND FOR ANY OTHER PARENT OF A CHILD UNDER 13 IN HH (HH\_B1E\_HAVECHILD\_X = 1), AND FOR ANY HH MEMBER WHO PROVIDED 5 OR MORE HOURS OF CARE LAST WEEK (HH\_PTYPE\_Y = X AND HH\_REGCAREFLAG\_Y = 1 (Y=PROVIDER 1 TO 12, X=HHM ROSTER POSITION 1 to 12)).

**HH\_SD\_ASK\_X (X = HHM number 1 to 12)**

Flag for HHMs asked Section D. The Section D skip logic is defined above, before question D1A.

- 9. No HHM X in the HH
  - 0. Do not ask Section D for HHM X
  - 1. Ask Section D for HHM X
- 

**(R) HH\_D1A\_WORK\_X (X=1 to 12)**

**D1A.** I'm going to ask you about (your/HHMEM's) current work situation. Last week, did (you/s/he) do any work for pay? IF NEEDED: Please include freelance work, work in the military, work for a family-owned business even if (you/s/he) did not get paid, and work on (your/his/her) own business or farm.

- 1. Yes
  - 2. No
  - 3. DK/REF
- 

**(R) HH\_D1B\_SCHOOL\_X (X=1 to 12)**

**D1B.** Last week, (did you/was s/he) attend classes in a high school, college or university?

- 1. Yes, attended
  - 2. No, not attended
  - 3. DK/REF
- 

**(R) HH\_D1C\_TRAINING\_X (X=1 to 12)**

**D1C.** Other than high school, college, or university, did (you/s/he) attend any courses or training programs last week designed to help people find a job, improve their job skills, or learn a new job?

1. Yes, in training
2. No, not in training
3. DK/REF

**D1D.** Next, I'd like to ask you about (your/his/her) day-to-day (work/school/training) schedule last week.

THE INSTRUMENT FIRST IDENTIFIED THE ACTIVITY FROM THE LIST OF POSSIBLY ACTIVITIES (WORK, SCHOOL, OR TRAINING) COLLECTED IN D1A THROUGH D1B. THEN THE R WAS ASKED TO PROVIDE THE START AND STOP TIMES FOR THAT ACTIVITY. IF THE R OR OTHER HH MEMBER PARTICIPATED IN THAT ACTIVITY MULTIPLE TIMES ON A DAY, EACH WORK/SCHOOL/TRAINING SPELL WAS CAPTURED SEPARATELY. ONCE THE R'S SCHEDULE HAD BEEN COLLECTED, THE INSTRUMENT COLLECTED DATA ON ANY OTHER ELIGIBLE HH MEMBERS UNTIL ALL ELEGIBLE INDIVIDUALS HAD BEEN ASKED ABOUT.

(*GRID: question format shown in Appendix 6.1.*)

**D1D.** Thinking about last [DAY], [FILL DATE], did you go to work/school/training?

Select Activity [PREPOPULATED DROP DOWN MENU]

- Work
- School
- Training
- NO WORK/SCH/TRNG ACTIVITY
- DK/REF

And did you attend work/school/training any other time that day?

**D1D\_1.** What time did you begin [work/school/training] on **last [DAY]**? (Please include time you spent commuting to and from [work/school/training] in your response.)  
TIME STARTED:

**D1D\_2.** What time did you end [work/school/training] on **last [DAY]**?  
TIME ENDED:

---

**D1D\_C2.** What day(s) last week is (are) the same as [your/his/her] [DAY OF WEEK] schedule last week for work, school or training?

- Monday
- Tuesday (ASK D1D\_C3)
- Wednesday (ASK D1D\_C3)
- Thursday (ASK D1D\_C3)
- Friday (ASK D1D\_C3)
- Saturday (ASK D1D\_C3)

Sunday (ASK D1D\_C3)

No identical days

FOR TUESDAY/WEDNESDAY/THURSDAY/FRIDAY/SATURDAY/SUNDAY:  
IF ANY OF THESE DAYS WERE SELECTED IN D1D\_C2, THEN INSTRUMENT ASKED ASK  
D1D\_C3. OTHERWISE, THE INSTRUMENT WENT TO INSTRUCTION BEFORE D1D\_1.

THE INSTRUMENT COMPARED EMPLOYMENT SCHEDULES AGAINST THE CHILD CARE SCHEDULES ON EACH DAY. IF THERE WERE PERIODS OF ONE HOUR OR MORE WHEN A CHILD WAS NOT IN ANY CARE AND PARENT(S) WERE AT WORK/SCHOOL/TRAINING, THE INSTRUMENT ASKED CHK3. UP TO 7 GAPS WERE ASKED ABOUT FOR EACH CHILD AND DAY.

**CHK3.** It seemed that (CHILD) was not in any care and you (and your spouse/partner) were at work/school/training from [INSERT SPELL OF TIME]. Was (CHILD) with you (and/or your spouse/partner) at work/school/training, or did he/she care for himself/herself during that period of time?

1. Child with r/r spouse/partner at work/school/training
2. Child with r/spouse/partner and r/spouse not at work/school/training
3. Child cared for him/herself
4. Child with sibling less than 18
5. OTHER ARRANGEMENT

→ GO TO **CHK3\_SPECIFY**

**CHK3\_SPECIFY.** ENTER ANY ADDITIONAL INFORMATION ABOUT CHILD CARE GAP:

**HH\_CHK3** was recoded in order to incorporate the other specify information. Then this recoded data was applied to the child and adult calendars. Please see documentation on the calendars for further information.

CHK3 WAS REPEATED FOR ALL CHILDREN WITH GAPS.

**D1D\_C3.** Sometimes people's schedule on a specific day is different from their regular schedule for that day of the week. Thinking about last [DAY SELECTED IN D1D\_C2], was your/his/her schedule last [DAY SELECTED IN D1D\_C2] identical to last [DAY D1D\_C2 ASKED ABOUT] that week, or were there some differences in when you/he/she arrived at or left work, school, or training on those two days?

1. Identical
2. Some differences

→ CHECK FOR GAPS, GO TO NEXT DAY

→ GO TO D1D FOR DAY SELECTED IN **D1D\_C2**

IF HH MEMBER WAS A CHILD'S PARENT OR PARENT'S SPOUSE, THE INSTRUMENT ASKED D2-D5d. IF HH MEMBER WAS NOT A CHILD'S PARENT OR A PARENT'S SPOUSE, THEN THE INSTRUMENT SKIPPED TO INSTRUCTION BEFORE D9A.

---

**D2\_1INTRO.** The next questions are about the people in this household who have young children or are caring for them. I may have different questions about each of you.

[IF D1A=1 ASK D2. ELSE GO TO D4]

These next questions are about [you/[NAME]].

---

**D2\_1.** Where is the place that (you/he/she) work(s) the most hours each week? Please tell me the address or nearest major intersection.

1. Work from home → GO TO **D2\_2**
  2. No set workplace → GO TO **D2\_2**
  3. Enter address → GO TO **D2\_ADDR**
  4. Enter cross-streets → GO TO **D2\_CROSS**
  5. DK/REF → GO TO **D2\_2**
- 

**D2\_ADDR.**

ENTER ADDRESS INFORMATION:

ADDRESS \_\_\_\_\_  
-1. DK/REF

CITY \_\_\_\_\_  
-1. DK/REF

STATE \_\_\_\_\_  
-1. DK/REF

ZIP \_\_\_\_\_  
-1. DK/REF

---

**D2\_CROSS.** (X=1 to 12 [HJM]) EXC

CROSS-STREETS

STREET 1 \_\_\_\_\_

-1. DK/REF

STREET 2 \_\_\_\_\_

-1. DK/REF

CITY \_\_\_\_\_

-1. DK/REF

 **NOTES:**

See **HH\_DIS\_HHWORK\_C\_Y** in the derived variables section for the calculated distance between the adult's home and place of work.

---

**D2\_2.** How far in advance (do you/he/she) usually know what days and hours you/he/she will need to work?

1. one week or less
  2. between 1 and 2 weeks
  3. between 3 and 4 weeks
  4. 4 weeks or more
  5. DK/REF
- 

**D2\_3.** Did (you/she/he) work (your/his/her) usual schedule last week, is there no usual schedule, or was last week's schedule not the usual one?

1. Usual schedule
  2. No usual schedule
  3. Last week unusual
  4. DK/REF
- 

**D2.** What kind of work (do you/does he/she) do? RECORD JOB OR OCCUPATION NAME IN TABLE BELOW. IF NECESSARY:

What is (your/his/her) title or the name of (your/his/her) job?

PROBE: What are the usual activities on that job?

---

DK/REF

→ GO TO D3D

 **NOTES:**

Responses to this questions were coded into the 2010 Census Industrial and Occupational classifications. See **HH\_D2\_OCC\_CODE\_1\_R** (respondent) and **HH\_D2\_OCC\_CODE\_1\_R** (spouse) in the derived variables section for the coded data.

---

**D2A.** What kind of business is that?

RECORD FIRM NAME OR INDUSTRY DESCRIPTION IN TABLE BELOW.

IF NECESSARY, What does the company make or do?

PERSON X

---

-1. DK/REF

→ GO TO D3D

 **NOTES:**

Responses to this questions were coded into the 2010 Census Industrial and Occupational classifications. See **HH\_D2\_IND\_CODE\_1\_R** (respondent) and **HH\_D2\_IND\_CODE\_1\_R** (spouse) in the derived variables section for the coded data.

---

**D3D.** About how much are you paid at that job?

(*Question format shown in Appendix 6.1.*)

[FILL D2 JOB NAME]

RECORD WAGE:

---

**(R) HH\_D3D\_WAGE\_X (X=1 to 12 [HHM])**

-1. DK/REF

---

**(R) HH\_D3D\_UNIT\_X (X=1 to 12 [HHM])**

**D3D.** Is that per...?

RECORD UNIT:

1. Per hour
2. Per day
3. Per week
4. Bi-weekly
5. Per month
6. Per year
7. OTHER
8. DK/REF

UNIT OF TIME WAS SHOWN ON THE SAME SCREEN WITH D3D. WAGES WITH TWO DECIMAL PLACES WERE ACCEPTED.

IF D1A=1 GO TO INSTRUCTION AFTER D5D9a, ELSE ASK D4

---

**(R) HH\_D4\_EVERWRK\_X (X=1 to 12 [HHM])**

**D4.** [Have you/has he/she] ever worked for pay?

- |           |                                      |
|-----------|--------------------------------------|
| 1. Yes    | → GO TO <b>D5A</b>                   |
| 2. No     | → GO TO INSTRUCTION AFTER <b>D5D</b> |
| 3. DK/REF | → GO TO INSTRUCTION AFTER <b>D5D</b> |
- 

**D5A.** What was the last job that (you/he/she) had? What was the job title or what were the main duties of the job?

---

---

**(R) HH\_D5B\_LASTWRKMOYR\_R\_X (X=1 to 12)**

**D5B.** When did you/he/she last work at that job?

ENTER 33/33 IF R STILL WORKS THERE.

MONTH: \_\_\_\_\_  
YEAR: \_\_\_\_\_

 NOTES:

Variables created by combining HH\_D5B\_LASTWRKYR\_R\_X and HH\_D5B\_LASTWRKMO\_R\_X.  
HH\_D5B\_LASTWRKMOYR\_R\_X=HH\_D5B\_LASTWRKYR\_R\_X + HH\_D5B\_LASTWRKMO\_R\_X/12;  
When HH\_D5B\_LASTWRKYR\_R\_X was 33 (Current), and HH\_D5B\_LASTWRKMO\_R\_X was not an  
actual month, then HH\_D5B\_LASTWRKMOYR\_R\_X was set to 9999.99 (Current); When  
HH\_D5B\_LASTWRKYR\_R\_X was 33 (Current), and HH\_D5B\_LASTWRKMO\_R\_X was an actual month,  
then HH\_D5B\_LASTWRKMOYR\_R\_X was set to 2012+ HH\_D5B\_LASTWRKMO\_R\_X /12; When both  
of HH\_D5B\_LASTWRKYR\_R\_X and HH\_D5B\_LASTWRKMO\_R\_X were missing, then  
HH\_D5B\_LASTWRKMOYR\_R\_X was set to missing.

---

**(R) HH\_D5C\_HOUR\_X (X=1 to 12 [HHM])**

- D5C. About how many hours [did/do] (you/he/she) usually work at that job each week [when (you/he/she) stopped working there]? Would you say it was less than 15, between 15 and 30, or more than 30 hours per week?
1. LESS THAN 15
  2. 15 TO 30
  3. MORE THAN 30
  4. DK/REF
- 

- D5D. About how much (were you/was he/she/are you) paid at that job? **Your best estimate is fine.**

THIS TEXT FIELD ONLY ALLOWED WHOLE DOLLARS TO BE ENTER (NOT CENTS). IF R REPORTED HOURLY WAGE, ENTER 99 IN THE TEXT FIELD AND SELECT “PER HOUR” UNIT BELOW. INTERVIEWERS THEN COLLECTED THE EXACT WAGE (INCLUDING DOLLARS AND CENTS) IN THE COMMENT FIELD.

AMOUNT:

\_\_\_\_\_  
-1. DK/REF

**(R) HH\_D5D\_WAGE\_R\_X (X=1 to 3 [HHM])**

---

**(R) HH\_D5D\_UNIT\_R\_X (X=1 to 3 [HHM])**

PER UNIT OF TIME

1. Per hour
2. Per day
3. Per week
4. Bi-weekly

5. Per month
6. Per year
7. OTHER
8. DK/REF
9. Added: per hour plus tips/commission
10. Added: per piece/job

INSTRUMENT ASKED D2 THROUGH D5D FOR ALL ELIGIBLE HH MEMBERS UNTIL ALL WERE ASKED ABOUT.

IF HH USED ONLY PARENTAL CARE, THE INSTRUMENT SKIPPED TO INSTRUCTION BEFORE D15. ELSE IF R, ANOTHER PARENT OF CHILD < 13, OR REGULAR CAREGIVER IN HH WAS EMPLOYED (D1A1=1), THE INSTRUMENT ASKED D9A.

For these next questions, please think about the adults in the household who have young children or care for them at least 5 hours per week. That is [INSERT NAME(S)].

#### (R) HH\_D9A\_CCAREDAY

**D9A.** How many days in the past month did [one of] you work from home for a child-care related reason, such as wanting to stay nearby for a sick child, you didn't have a child-care arrangement in place, or your child-care provider was sick?

DAY(S): \_\_\_\_\_  
-1. DK/REF

#### (R) HH\_D10\_DAYMISSED

**D10.** During the past 3 months, how many days of work have [one of] you missed for any reason? Don't include scheduled holidays or vacation days.

DAY(S): \_\_\_\_\_ (IF 0, SKIP TO D11, ELSE ASK D10A)  
-1. DK/REF

#### (R) HH\_D10A\_CCAREMISS

Variables affecting eligibility for this item: **HH\_D10\_DAYMISSED**

**D10A.** How many of these days did [one of] you miss because your provider was sick or on vacation?

DAYs:\_\_\_\_\_

-1. DK/REF

---

→ **(R) HH\_D10B\_KIDSICK**

Variables affecting eligibility for this item: **HH\_D10\_DAYMISSED**

**D10B.** How many days did [one of] you miss because a child was sick and had to stay home?

DAYs:\_\_\_\_\_

-1. DK/REF

**SKIP LOGIC BOX D.1**

If any adults in the household missed any days of work because their provider was sick or on vacation ( $D10A > 0$ ), or because a child was sick and they had to stay home ( $D10B > 0$ ) then

→ the instrument will ASK **D10C**

ELSE → the questionnaire will GO TO **D11**

---

→ **(R) HH\_D10C\_MISSNOPAY**

Variables affecting eligibility for this item: **HH\_D10\_DAYMISSED, SKIP LOGIC BOX D.1**

**D10C.** Did that person lose any pay because of missed work?

1. YES
  2. NO
- 

→ **(R) HH\_D11\_DAYLATE**

**D11.** During the past 3 months, how many days did [one of] you get to work late or have to leave early for any reason?

DAYs:\_\_\_\_\_ (IF 0, SKIP TO D12, ELSE ASK D11A)

-1. DK/REF

---

→ **(R) HH\_D11A\_DAYEARLY**

Variables affecting eligibility for this item: **HH\_D11A\_DAYLATE**

**D11A.** How many of these days did [one of] you get to work late or leave early because of child care responsibilities?

DAYs: \_\_\_\_\_ (IF 0, SKIP TO D12, ELSE ASK D11B)

-1. DK/REF

---

→ **(R) HH\_D11B\_DAYLOSEPAY**

Variables affecting eligibility for this item: **HH\_D11A\_DAYLATE**

**D11B.** Did that person lose any pay because of getting to work late or leaving early?

1. YES
  2. NO
- 

→ **(R) HH\_D12\_DAYSPEC**

**D12.** Approximately how many days in the last 3 months did [one of] you have to make special arrangements for (CHILD)'s care because a provider was sick or unavailable? Don't count days that were holidays anyway.

DAYs: \_\_\_\_\_

-1. DK/REF

---

→ **(R) HH\_D13\_DAYSPEC\_OTH**

**D13.** Approximately how many days in the last 3 months did [one of] you have to make special arrangements for (CHILD)'s care for some other reason (for example, a child was sick, transportation broke down, or any other reason)? Don't count days that were holidays anyway.

DAYs: \_\_\_\_\_

-1. DK/REF

**SKIP LOGIC BOX D.2**

IF R OR R'S SPOUSE EMPLOYED (D1A1=1) → ASK D15

ELSE → GO TO SECTION E

(R) HH\_D15\_FLEXACCT

Variables affecting eligibility for this item: **SKIP LOGIC BOX D.2**

**D15.** Do you or your spouse participate in a cafeteria-style flexible spending account at work so that you can pay for child care expenses out of pre-tax income?

1. Yes
2. No
3. DK/REF

### Section E. Nonparental Care Payment and Subsidy to Each Provider

#### Overview for Data Users – Section E

Section E collected information on child care payment and subsidy to all providers who are not a school, single activity provider, or drop-in care and who provide at least five hours of care a week.

The public-use data file contains a series of variables summarizing the cost of care. Documentation is available in the derived variables section under cost of care for the following items:

**HH\_NPC\_COST\_BURDEN\_MONTH, HH\_NPC\_COST\_WEEKLY**  
**HH\_WEEKLY\_COST\_CARE\_IMP\_TC\_X\_Y, HH\_WEEKLY\_COST\_CARE\_NEG\_TC\_X\_Y,**  
**HH\_DIRECTCHG\_TC\_X\_Y, HH\_COPAY\_X\_Y, HH\_SUBSIDY\_X\_Y, HH\_ANY\_SUBS\_X\_Y,**  
**HH\_OTHPAYPROV\_X\_Y, HH\_IMPFLAG\_WEEKLY\_COST\_CARE\_X\_Y,**  
**HH\_E7AMTFLAG\_X\_Y, HH\_E4AMTFLAG\_X\_Y, HH\_FLAG\_IMP\_UNIT\_X\_Y,**  
**HH\_FLAG\_E4\_IMP\_UNIT\_X\_Y, HH\_FLAG\_E9\_IMP\_UNIT\_X\_Y.**

SECTION E COLLECTS DATA ON PAYMENT AND SUBSIDY FOR ALL PROVIDERS WHO ARE NON-SCHOOL (**HH\_C8A\_X NOT 1 AND HH\_PROVPTYPE\_X NOT 06**), NON-SINGLE ACTIVITY (**HH\_C8\_3\_X NOT 1**), NON-DROP-IN (**HH\_C8\_4\_X NOT 1**), AND PROVIDE AT LEAST 5 HOURS OF CARE PER WEEK (**HH\_REGCAREFLAG\_X = 1**).

DATA WERE COLLECTED FIRST BY CHILD AND THEN BY PROVIDERS WITHIN A CHILD. IN OTHER WORDS, THE INSTRUMENT FIRST ASKED ABOUT CHILD 1-PROVIDER 1, THEN CHILD 1-PROVIDER 2,...,THEN CHILD2-PROVIDER 1, AND SO ON.

#### INTERVIEWER CHECK 1.

HAS PAYMENT FOR THIS CHILD IN THIS ARRANGEMENT ALREADY BEEN COVERED IN A PREVIOUS LOOP'S RESPONSE (E4C=2 OR E7B=2)?

- |                |                     |
|----------------|---------------------|
| 1. YES         | → GO SKIP TO E12    |
| 2. NO/NOT SURE | → GO SEE NEXT CHECK |

**INTERVIEWER CHECK 2.**

IS PAYMENT FOR THIS CHILD IN THIS ARRANGEMENT THE SAME AS THE PAYMENT FOR ANOTHER CHILD IN THIS ARRANGEMENT (E4C1=1 OR E7B1=1)?

- |                |                        |
|----------------|------------------------|
| 1. YES         | <b>→ SKIP TO E12_1</b> |
| 2. NO/NOT SURE | <b>→ ASK E1</b>        |
- 

**E1.** Now I have some more questions about the regular child care arrangements you use.

(Starting with the youngest child,) Does (PROVIDER FILLED IN FROM C1A) charge you anything directly for the care of (CHILD)? Please include charges even if you are later reimbursed.

- |           |                   |
|-----------|-------------------|
| 1. Yes    | <b>→ GO TO E6</b> |
| 2. No     |                   |
| 3. DK/REF |                   |
- 

**E2.** Is the [PROVIDER] paid by someone or someplace else for the care of (CHILD)? Do not include payments, reimbursements or vouchers that go directly to you.

- |           |                   |
|-----------|-------------------|
| 1. Yes    |                   |
| 2. No     | <b>→ GO TO E5</b> |
| 3. DK/REF | <b>→ GO TO E5</b> |
- 

**E3.** Who pays them? MARK ALL THAT APPLY

Welfare or office of employment services  
Agency for child development  
Local or community program  
Community or religious group  
Family or friend  
Employer  
Other

- 1. DK/REF
-

**E4.** In addition to the payments made by (this source/these sources), do you have a co-payment? In other words, do you need to pay [PROVIDER] yourself with money out of your own pocket?

1. Yes
  2. No → GO TO E9
  3. DK/REF → GO TO E9
- 

**E4A.** How much do you pay yourself?

---

-1 DK/REF → GO SKIP TO E2A

---

**E4B.** Is that per hour, per day, per week, bi-weekly, monthly, or something else?

1. Per hour
  2. Per day
  3. Per week
  4. Every other week
  5. Per month
  6. Something else (SPECIFY: \_\_\_\_\_)
  7. DK/REF
  8. Added: Per year
- 

**E4C.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Is that amount for (CHILD) only, or does it cover more than one child?

1. Child only (ask e4c1)
  2. OTHER Children → SKIP TO E4C\_OTHCHLDRN.
  3. DK/REF → SKIP TO E2A
- 

**E4C\_OTHCHLDRN.** Which children?

- Child 1
- Child 2
- Child 3
- Child 4
- Child 5
- Child 6
- Child 7

Child 8  
Child 9  
Child 10  
DK/REF → SKIP TO E2A

---

**E4C1.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Do you pay the same amount for each other child cared for by [PROVIDER] ?

1. Yes
  2. No
  3. DK/REF
- 

**E2A.** Would you lose your child's spot at this provider if you lost your job or had your hours cut back?

1. Yes
  2. No
  3. DK/REF
- 

**E2B.** Did you work with a local resource and referral agency to find this provider or arrange for payment?

1. Yes → GO TO E9
  2. No → GO TO E9
  3. DK/REF → GO TO E9
- 

**E5.** So this care is provided free by [PROVIDER]?

1. Yes → GO TO E5A
  2. No → GO TO E2
  3. DK/REF → GO TO E8
- 

[IF C5A=3 (ORGANIZATION AND CHILD < OR = 6 YRS OLD), ASK E5A. ELSE GO TO INSTRUCTION BEFORE E10.]

---

**E5A.** Two programs that might not charge parents for taking care of their young children are Head Start and [LOCAL NAME FOR PRE-K]. Do you happen to know if [PROVIDER] is one of these types of programs?

1. Yes → GO TO INSTRUCTION BEFORE E10
2. No → GO TO INSTRUCTION BEFORE E10
3. DK/REF

[IF C5C = 1, SKIP TO E7. ELSE ASK E6.]

---

- E6.** Now think about the money you pay for [PROVIDER]. Sometimes the amount of money that a parent is charged for a child care arrangement or program depends on how much the family earns. This is sometimes called a sliding fee scale.

Is the amount you are charged by [PROVIDER] determined by how much money you earn?

1. Yes
  2. No
  3. DK/REF
- 

- E7.** How much do you pay this [PROVIDER]?

\$ \_\_\_\_\_  
-1. DK/REF

→ SKIP TO E7B

---

- E7A.** Is that per hour, per day, per week, bi-weekly, monthly, or something else?

1. Per Hour
2. Per day
3. Per week
4. Every other week
5. Per month
6. Something else (specify: \_\_\_\_\_)
7. DK/REF
8. Added: Year
9. Added: School year
10. Added: Per X # months
11. Added: Semester
12. Added: Session
13. Added: Quarter
14. Added: Half-day
15. Added: One -time fee
16. Added: Flat rate

17. Added: Per day for 2 children
  18. Added: Per weekend
  19. Added: Per X # weeks
  20. Added: Whole program
  21. Added: Bi-monthly
  22. Added: Per day for 3 children
- 

**E7B.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Is that amount for (CHILD) only, or for more than one child?

1. Child only → GO TO **E8**
  2. OTHER children → GO TO **E7B\_OTHCHLDRN**
  3. DK/REF → GO TO **E8**
- 

**E7B\_OTHCHLDRN.** Which children?

- Child 1
  - Child 2
  - Child 3
  - Child 4
  - Child 5
  - Child 6
  - Child 8
  - Child 9
  - Child 10
- DK/REF → **ASK E7B1**
- 

**E7B1.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Do you pay the same amount for each other child cared for by [PROVIDER] ?

1. Yes
  2. No
  3. DK/REF
- 

**E8.** Is [PROVIDER] *also* paid or reimbursed directly by any person or program? IF NEEDED: Do not include payments, reimbursements or vouchers that went directly to you.

1. Yes

2. No → GO TO E9  
3. DK/REF → GO TO E9

**E8A.** Who pays them? MARK ALL THAT APPLY

- Welfare or office of employment services
  - Agency for child development
  - Local or community program
  - Community or religious group
  - Family or friend
  - Employer

-1. DK/REF

**E9.** Do you receive payments, reimbursements or vouchers that are paid directly to you to cover some portion of the payments you make to [PROVIDER] for (CHILD)'s care?

1. YES → GO TO INSTRUCTION ABOVE E10
  2. No → GO TO INSTRUCTION ABOVE E10
  3. DK/REF → GO TO INSTRUCTION ABOVE E10

**E9A.** How much do you receive in payments, reimbursements or vouchers that are paid directly to you for [PROVIDER]?

\$ \_\_\_\_\_

DK/REF

→ SKIP TO E9C

**E9B.** Is that per hour, per day, per week, bi-weekly, monthly, or something else?

1. Per hour
  2. Per day
  3. Per week
  4. Every other week
  5. Per Month
  6. Something else (SPECIFY: \_\_\_\_\_) **HH\_E9B\_UNIT\_OS\_X\_Y EXC**
  7. DK/REF
  8. Added: Per year

**E9C.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Is that amount for (CHILD) only, or for more than one child?

1. Child only
2. Other children
3. DK/REF

→ GO TO **E9C\_OTHCHLDRN**

---

**E9C\_OTHCHLDRN.** Which children?

- Child 1
- Child 2
- Child 3
- Child 4
- Child 5
- Child 6
- Child 7
- Child 8
- Child 9
- Child 10
- DK/REF

[ASK E10 AND E11 FOR FIRST CHILD WITH EACH PROVIDER THAT IS A PRIOR RELATIONSHIP INDIVIDUAL (C5C=1) ONLY. ELSE GO TO INSTRUCTION AFTER E12AB]

---

**E10.** Do you (also) give [PROVIDER] anything other than money in exchange for caring for [CHILD]? For example, do you provide groceries or transportation, or do work such as caring for children or small repair jobs in exchange for the care that {} receives?

1. Yes
  2. No (IF e7B =2 GO TO E12, ELSE GO TO INSTRUCTION AFTER E12AB)
  3. DK/REF (IF E7B = 2 GO TO E12, ELSE GO TO INSTRUCTION AFTER E12AB)
- 

**E10A.** What do you give [PROVIDER] in exchange for caring for your (child/children)?

- Groceries
- Transportation
- Services such as child-care or small repair jobs
- Housing or Housing Expenses
- OTHER

(SPECIFY: \_\_\_\_\_)

Added: Gifts

Added: Take out to dinner/make dinner/meals

Added: Pay a bill/bills (kept separate from Housing or housing expenses because of phone bills, cell phone bills)

Added: Money/Giftcards

-1. DK/REF

---

**E10B.** What does it cost you to provide these things each time you give them?

\$ \_\_\_\_\_

-1. DK/REF

---

**E10B1.** How often do you give these things?

\_\_\_\_\_

-1. DK/REF

---

**E10B2.** How much time do you spend providing these things each time you give them?

HOURS: \_\_\_\_\_

-1. DK/REF

[IF E7B = 2, ASK E12. ELSE SKIP TO INSTRUCTION AFTER E12AB]

---

**E12.** You said that the [amount per unit] you pay to [PROVIDER] includes your payments for [CHILD] as well, is that correct?

- 1. Yes → GO TO INSTRUCTION BELOW **E12AB**
  - 2. No → GO ASK **E12A**
  - 3. DK/REF (ASK E12A)
- 

**E12A.** How much do you pay this [PROVIDER]?

\$ \_\_\_\_\_

DK/REF

**E12AA.** Is that per hour, per day, per week, bi-weekly, monthly, or something else?

1. Per hour
  2. Per day
  3. Per week
  4. Every other week
  5. Per month
  6. Something else (specify: \_\_\_\_\_) **HH\_E12AA\_UNIT\_OS\_X\_Y EXC**
  7. DK/REF
  8. Added: Per year
- 

**E12AB.** (IF R HAS MORE THAN ONE CHILD WHO USES PROVIDER) Is that amount for (CHILD) only, or for more than one child?

1. Child only
  2. Other children
  3. DK/REF
- GO TO **E12AB\_OTHCHLDRN**
- 

**E12AB\_OTHCHLDRN.** Which children?

- Child 1
  - Child 2
  - Child 3
  - Child 4
  - Child 5
  - Child 6
  - Child 7
  - Child 8
  - Child 9
  - Child 10
  - DK/REF
- 

**E12\_1.** You said that the [AMOUNT] per [UNIT] you pay to [PROVIDER] is the same as your payments for [CHILD NAME]. Is that correct?

1. Yes
2. No
3. DK/REF

IF THERE IS ANOTHER PROVIDER FOR THIS CHILD, THE INSTRUMENT RETURNS TO E1 AND ASKS SECTION E FOR NEXT PROVIDER FOR THIS CHILD.

IF THERE IS NOT ANOTHER PROVIDER FOR THIS CHILD, THE INSTRUMENT RETURNS TO E1 AND ASKS SECTION E FOR NEXT CHILD, PROVIDER 1.

IF THERE ARE NO MORE PROVIDERS AND CHILDREN NOT ASKED ABOUT, GO TO SECTION F.

## Section F. Nonparental Child Care Search

### Overview for Data Users – Section F

Section F collected information on the household's last search for nonparental care (F2) in reference to the randomly selected child from the household (see C14). The questions proceed differently depending on whether the household considered more than one provider (F5).

Additional variables on the search for nonparental care can be found in the derived variables section under search for care. References to these items are also included with related variables throughout section F.

#### F2\_INTRO.

Next, I'm going to ask you some questions about your latest search for child care, whether or not a new arrangement resulted from the search. We are interested in things like what you were looking for, how you were searching, and what you considered during your search.

[FOR SCHOOL AGE CHILDREN: Please think about before or after-school care you searched for, or activities, lessons or other programs outside of the regular school day.]

**F2.** Please think about the last time you searched for care for [SELECTED CHILD NAME].

What year and month was that?

IF NEEDED: Please think about when you last wanted to start a new arrangement for someone to care for him/her, even if you knew who would provide that care. What year and month was that?

ENTER 99 IF R DID NOT DO SEARCH

---

**(R) HH\_F2\_MOYR\_R**

MONTH: \_\_\_\_\_

Range: 1-12, 99

-1. DK/REF

YEAR: \_\_\_\_\_

Range: 99, 1990-2012

-1. DK/REF

 **NOTES:**

Variable was created by combining HH\_F2\_YR, HH\_F2\_MONTH, and HH\_F3\_REASON.

HH\_F2\_MOYR\_R=HH\_F2\_YR + HH\_F2\_MONTH/12; When HH\_F2\_YR was -1(Don't know), and HH\_F2\_MONTH was an actual month, and HH\_F3\_REASON was missing, then HH\_F2\_MOYR\_R was set to year with "2010"; When HH\_F2\_YR was -1(Don't know), and HH\_F2\_MONTH was an actual month, and HH\_F3\_REASON was not missing, then HH\_F2\_MOYR\_R was set to year with "2011"; When HH\_F2\_MONTH was -1 (Don't know) and HH\_F2\_YR was an actual year, then month was set to 1, and HH\_F2\_MOYR\_R was set to year.08; When HH\_F2\_MONTH was -1 (Don't know) and HH\_F2\_YR was 99 (No search), then HH\_F2\_MOYR\_R was set to 99 (No search); When both HH\_F2\_YR and HH\_F2\_MONTH were -1 (Don't know), then HH\_F2\_MOYR\_R was set to -1 (Don't know); Else when HH\_F2\_MONTH was 99 (No search), then HH\_F2\_MOYR\_R was set to 99 (No search); Else when both HH\_F2\_YR and HH\_F2\_MONTH were missing, then HH\_F2\_MOYR\_R was set to missing.

**SKIP LOGIC BOX F.1**

In F2, the instrument captured information about the respondent's most recent search for care. If the respondent did not search for care, or did not know or refused to provide when the most recent search took place, section F of the questionnaire was skipped and the respondent proceeded to question G1. These conditions are specified in detail below, with 99 being the value used to specify a don't know or refused response.

**IFYEAR=99 → SKIP TO G1**

**IF MONTH=99 AND YEAR=DK/REF → SKIP TO G1**

**IF MONTH=DK/REF AND YEAR=DK/REF → SKIP TO G1**

**IF MONTH=DK/REF AND YEAR=2 YEARS AGO OR MORE → SKIP TO G1**

**IF MONTH=99 AND YEAR=10 YEARS AGO OR MORE → SKIP TO G1**

**IF LAST SEARCH 25 MONTHS OR MORE AGO → SKIP TO G1**

**ELSE → CONTINUE.**

**SKIP LOGIC BOX F.2**

If the respondent reported two or more children in the household (S1>1) → then the instrument will GO TO **F2A**

ELSE → the questionnaire will GO TO **F3**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.2**

**F2A.** Were you also searching for care for another child at the same time?

CODE ALL THAT APPLY

(R) HH_F2A_CHILD_1	NO OTHER CHILD
(R) HH_F2A_CHILD_2	Child1
(R) HH_F2A_CHILD_3	Child2
(R) HH_F2A_CHILD_4	Child3
(R) HH_F2A_CHILD_5	Child4
(R) HH_F2A_CHILD_6	Child5
(R) HH_F2A_CHILD_7	Child6
(R) HH_F2A_CHILD_8	Child7
(R) HH_F2A_CHILD_9	Child8
(R) HH_F2A_CHILD_10	Child9
(R) HH_F2A_CHILD_11	Child10
(R) HH_F2A_CHILD_12	DK/REF

**(R) HH\_F3\_REASON\_R**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

**F3.** What is the main reason that you were looking for child care at that time?

1. So that I could work/change in work schedule
2. To provide my child educational or social enrichment
3. To give me some relief
4. To fill in gaps left by my main provider or before/after school
5. Wasn't satisfied with care
6. Wanted to reduce child care expenses
7. Provider stopped providing care
8. Child no longer eligible for previous care (e.g., aged out or summer break)
9. OTHER  
→ GO TO **F3\_OS**

10. DK/REF
11. Added: So that R or R's spouse could go to school/school schedule changed
12. Added: Family moved to new area
13. Added: Change in family/household composition (e.g., death, divorce, pregnancy, new baby, etc.)
14. Added: Health problems created need for care arrangement
15. Added: Needed a provider who was closer to home or work
16. Added: Wanted to give PROVIDER relief
17. Added: PROVIDER moved
18. Added: Care during a temporary commitment by parent(s)/R (e.g., scrapbooking meeting, PTA meeting, bible study, date night, birthday party, weekend getaway, to run errands, Medical or Doctor Appointment)
19. Added: Needed care that could provide transportation to/from school
20. Added: A specific extra-curricular activity (e.g., violin lessons, skiing lessons)
21. Added: Child WANTED to go to program
22. Added: To learn what care arrangements were available/to learn about other options in case I needed one
23. Added: Child needed a special kind of help (e.g., speech therapy, special needs, disabled, bilingual, etc.)
24. Added: Specific reason not given

Note: category 1 includes both R and R's spouse/partner as well as responses like "looking for work".

---

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, HH\_F3\_REASON**

**F3\_OS.**    SPECIFY

- 
- 1. DK/REF
- 

**(R) HH\_F4\_TYPE\_R**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

**F4.**    At the time of that last search, what type of child care were you mostly using for [SELECTED CHILD NAME]?

1. Parental care only
2. Home-based provider I had prior personal relationship with
3. Home-based provider I didn't have prior personal relationship with
4. Center-based care

- 5. OTHER → GO TO F4\_OS
- 6. DK/REF
- 7. Added: Siblings (child's)
- 8. Added: Single activity care arrangement
- 9. Added: Home-based provider - relationship uncertain
- 10. Added: Child not born yet/just been born/not yet adopted or in custody
- 11. Added: Summer Camp
- 12. Added: Combination of center-based and home-based care (e.g., camp and family care, school and grandma, etc.)
- 13. Added: Combination of all
- 14. Added: child cared for him/herself

 **NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled “Added” (categories were added during post-coding). When this was not possible, they remained in the category “Other.” Category 4 includes school, church, and unspecified afterschool care.

 Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, HH\_F4\_TYPE**

**F4\_OS. SPECIFY**

- 
- 1. DK/REF

 Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

Characteristics of care may be more or less important for different children depending on the age or personality of the child. (GRID: question format shown in Appendix 6.1.)

- 1. Very Important
- 2. Somewhat Important
- 3. Not Very Important
- 4. NO OPINION
- 5. DK/REF

**(R) HH\_C14A\_1\_NURTUR**

**C14A.** Thinking about [SELECTED CHILD NAME], how important was a loving environment for him/her? Would you say very important, somewhat important, or not very important?

**(R) HH\_C14A\_2\_EDU**

**C14A\_2.** How about helping children being ready to learn in school? (Would you say it was very important, somewhat important, or not very important for [SELECTED CHILD NAME])?

**(R) HH\_C14A\_3\_SOC**

**C14A\_3.** How about learning how to get along with other children? (Would you say it was very important, somewhat important, or not very important for [SELECTED CHILD NAME])?

**(R) HH\_C14A\_4\_AFFORD**

**C14A\_5.** How about affordability? (Would you say it was very important, somewhat important, or not very important)?

**(R)HH\_C14A\_5\_FLEX**

**C14A\_6.** How about flexibility for you? (Would you say it was very important, somewhat important, or not very important)?

---

**(R) HH\_F5\_MULTIPLE**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

**F5.** Thinking about your last child care search for [SELECTED CHILD NAME] in [YEAR from F2], did you consider more than one provider as part of your search or did you consider only one provider? Please include providers you asked about, read about, or talked to, even if you didn't consider them seriously in your decision.

- |                                      |   |
|--------------------------------------|---|
| 1. More than one provider considered | <b>→ SKIP TO F7 (SEE SKIP LOGIC BOX F.3)</b>  |
| 2. Only one provider considered      | <b>→ SKIP TO F10 (SEE SKIP LOGIC BOX F.3)</b> |
| 3. DK/REF                            |   |
- 

**(R) HH\_F6A\_PRVTYPE**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, HH\_F5\_MULTIPLE**

**F6A.** (IF NOT ALREADY STATED:) What type of provider is this?

- |   |                      |
|---|----------------------|
| 1. Home-based provider I had prior personal relationship with         | <b>→ SKIP TO F10</b> |
| 2. Home-based provider I didn't have prior personal relationship with | <b>→ GO TO F6B</b>   |
| 3. Center-based care  | <b>→ GO TO F6B</b>   |
| 4. OTHER  | <b>→ GO TO F6B</b>   |

3. DK/REF

→ SKIP TO F10

 **NOTES:**

For information of the type of provider considered, please see the following items in the derived variables section under Search for Nonparental Care: **HH\_F6A\_CENTER**, **HH\_F6A\_PERSONAL**, **HH\_F6A\_NOPERSONAL**, and **HH\_F6A\_OTH**.

---

**F6B.** How did you know about this provider?

[RECORD VERBATIM AND CODE]

-1. DK/REF

 **NOTES:**

For data on how the respondent knew of the provider, please see the following items in the derived variables section under Search for Nonparental Care: **HH\_F6B\_FRIEND**, **HH\_F6B\_REFER**, **HH\_F6B\_AD**, and **HH\_F6B\_OTH**.

---

 Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**, **SKIP LOGIC BOX F.3**

**F7.** How did you look for providers in your last search?

CODE FIRST TWO MENTIONS.

<b>HH_F7_SEARCH_RR_1</b>	Asked friends and family with children
<b>HH_F7_SEARCH_RR_2</b>	Asked potential contacts who are providers
<b>HH_F7_SEARCH_RR_3</b>	Community service, resource and referral lists
<b>HH_F7_SEARCH_RR_4</b>	Posted an ad/responded to an ad
<b>HH_F7_SEARCH_RR_5</b>	Yellow pages/newspapers/bulletin boards
<b>HH_F7_SEARCH_RR_6</b>	Welfare or social services
<b>HH_F7_SEARCH_RR_7</b>	Healthcare provider
<b>HH_F7_SEARCH_RR_8</b>	Other → GO TO F7_OS
<b>HH_F7_SEARCH_RR_10</b>	Added: Internet/Web/Online/Google/Craigslist
<b>HH_F7_SEARCH_RR_11</b>	Added: Drove/rode around
<b>HH_F7_SEARCH_RR_12</b>	Added: Asked School
<b>HH_F7_SEARCH_RR_13</b>	Added: Previous Experience with Provider (e.g., through older siblings)
<b>HH_F7_SEARCH_RR_14</b>	Added: Made phone calls
<b>HH_F7_SEARCH_RR_15</b>	Added: In person visits

**HH\_F7\_SEARCH\_RR\_16**

Added: Near home or work/location

**HH\_F7\_SEARCH\_RR\_17**

Added: Referral through church



**NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled “Added” (categories were added during post-coding). When this was not possible, they remained in the category “Other.” Mailings sent to R’s homes were coded under category 5.



Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3,**

**F7\_OS. SPECIFY**

-1. DK/REF



**HH\_F7\_SEARCH**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3**

**F8B.** What was the specific information you tried to learn about providers?

RECORD VERBATIM AND CODE UP TO THREE MENTIONS, DO NOT READ CATEGORIES

(R) HH_F8B_INFO_1	Type of care
(R) HH_F8B_INFO_2	Hours of care
(R) HH_F8B_INFO_3	Willingness to accept or availability of subsidies
(R) HH_F8B_INFO_4	Financial aid available
(R) HH_F8B_INFO_5	Fees charged
(R) HH_F8B_INFO_6	Geographic location
(R) HH_F8B_INFO_7	Public transportation accessibility
(R) HH_F8B_INFO_8	Content of program
(R) HH_F8B_INFO_9	Year round care
(R) HH_F8B_INFO_10	Services provided (e.g., transportation, meals, etc.)
(R) HH_F8B_INFO_11	Languages spoken
(R) HH_F8B_INFO_12	Curriculum/philosophy (including religion)
(R) HH_F8B_INFO_13	Licensing status
(R) HH_F8B_INFO_14	Teacher tenure/turnover
(R) HH_F8B_INFO_15	Other (Specify: _____)
(R) HH_F8B_INFO_16	DK/REF

**F9.** I am going to ask you some more questions about the providers you considered most carefully before you made your final decision. Please think about the 2 providers you considered the most carefully. I'll ask you about them one by one.

**SKIP LOGIC BOX F.4**

Ask **F9C-F9M** for first provider then return to **F9C** and ask **F9C-F9M** for second provider

**(R) HH\_F9C\_TYPE\_R\_X (X= 1 or 2)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4**

**F9C.** What type of provider was the [first/second] provider you considered?

1. Home-based provider I had prior personal relationship with
4. Home-based provider I didn't have prior personal relationship with
5. Center-based care
6. OTHER → GO TO F9C\_OS
7. DK/REF
8. Added: Single activity provider (fencing, gymnastics, etc.)
9. Added: Summer camp
10. Added: Home-based provided - prior relationship unspecified
11. Added: Sibling
12. Added: Did not consider a 2nd provider (applicable for HH\_F9C\_TYPE\_2 only)
13. Added: myself

 **NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled "Added" (categories were added during post-coding). When this was not possible, they remained in the category "Other."

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4, HH\_F9C\_TYPE**

**F9C\_OS.** SPECIFY:

- 
- 1. DK/REF
-

**(R) HH\_F9E\_COST\_X (X= 1 or 2)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4**

**F9E.** How much would it have cost you to have that provider care for [SELECTED CHILD NAME]?

---

Range: 0-99999

-1. DK/REF →

SKIP TO F9J

---

**(R) HH\_F9F\_UNIT\_R\_1**

**(R) HH\_F9F\_UNIT\_R\_2**

**F9F.** Is that per...

1. Hour
2. Day
3. Week
4. Month
5. OTHER → GO TO F9F\_OS
6. DK/REF
7. Added: Year
8. Added: School year
9. Added: Summer
10. Added: Semester
11. Added: Session
12. Added: Bi-weekly/every 2 weeks
13. Added: For X # weeks (see F9F\_Number for specific number)
14. Added: For X # hours (see F9F\_Number for specific number)
15. Added: For X # months (see F9F\_Number for specific number)
16. Added: For X # days (see F9F\_Number for specific number)
17. Added: For X # classes (see F9F\_Number for specific number)
18. Added: One time fee/registration fee/
19. Added: Season/occasion
20. Added: Whole program/total costs
21. Added: Not monetary payment

 **NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled “Added” (categories were added during post-coding). When this was not possible, they remained in the category “Other.”

- (R) **HH\_F9F\_NUMBER\_1**: number provided with response for code value 13-17  
(R) **HH\_F9F\_NUMBER\_2**: number provided with response for code value 13-17
- 

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4, HH\_F9E\_COST\_X, F9F**

**F9f\_OS.** SPECIFY:

- 
- 1. DK/REF
- 

**(R) HH\_F9J\_TRAVEL\_X (X= 1 or 2)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4**

**F9J.** How many minutes would it take in travel time for you or some one else to take [SELECTED CHILD NAME] to that provider?

---

Range: 1-999

- 1. DK/REF
- 

**(R) HH\_F9L\_COVERHRS\_X (X= 1 or 2)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4**

**F9L.** How well would the provider's schedule have covered the hours of care you needed?

1. Would have covered hours of care I needed
  2. Would have covered most of hours I needed
  3. Would not have covered most of hours I needed
  4. Would not have covered hours at all
  5. DK/REF
- 

**(R) HH\_F9M\_QUAL\_X (X= 1 or 2)**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.4**

**F9M.** How would you rate the overall quality of that provider?

1. Best I can imagine
2. Better than I had expected to find for my child
3. Good for my child
4. Good enough for my child, but not as good as I'd wish for
5. Only good enough for the short-term
6. Not good enough for my child
7. DK/REF

IF FIRST PROVIDER, INSTRUMENT RETURNED TO F9C AND ASKED F9C-F9M FOR SECOND PROVIDER. IF SECOND PROVIDER, INSTRUMENT CONTINUED TO F10.

#### SKIP LOGIC BOX F.5

If the respondent does not mention center care (F6A is not 3 and F9C is not 3) → the instrument will GO TO **F10**

ELSE → the questionnaire will GO TO **SKIP LOGIC BOX F.6**

---

→ **(R) HH\_F10\_CENTER**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.3, SKIP LOGIC BOX F.5**

**F10.** Did you consider any [child-care] centers or organizations for [school-age] children as part of your search?

1. Yes
2. No
3. DK/REF

#### SKIP LOGIC BOX F.6

If respondent does not mention a provider he or she had a prior relationship with (F6A is not 1 and F9C is not 1) → the instrument will GO TO **F11**

ELSE → the questionnaire will SKIP TO **SKIP LOGIC BOX F.7**

---

→ **(R) HH\_F11\_FFN**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.6**

**F11.** Did you consider asking someone you know to care for your child, for example a family member, friend or neighbor?

1. Yes
  2. No
  3. DK/REF

## **SKIP LOGIC BOX F.7**

If the respondent does not mention family day care (F6A is not 2 and F9C is not 2) → the instrument will GO TO **F12**.

**ELSE → the questionnaire will GO TO G1**

(R) HH\_F12\_FAMILY

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.7**

**F12.** Did you consider someone who provides care at home but whom you didn't know before as part of your search?

1. Yes
  2. No
  3. DK/REF

(R) HH\_F13\_RESULT\_R

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

**F13.** What was the result of this search for child care?

11. Added: Did not qualify/Not accepted
12. Added: R selected provider but it did not work out
13. Added: Decided to use family and friends
14. Added: Search unsuccessful/ Did not find care
15. Other Recoded To: Found Care

 **NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled “Added” (categories were added during post-coding). When this was not possible, they remained in the category “Other.”

For the public-use version of this variable, please see **HH\_RESULT** in the derived variables section under Search for Nonparental Care.

---

 Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1**

**F13\_OS. SPECIFY:**

\_\_\_\_\_  
DK/REF

**SKIP LOGIC BOX F.8**

IF F5 = 1 and F13 = 1 → then the instrument will ASK **F13A**

ELSE → the questionnaire will GO TO **F14**

---

 **(R) HH\_F13A\_CHOOSE**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.8**

**F13A.** Did you choose the first or second provider you told me about?

1. First [FILL FIRST PROVIDER TYPE FROM F9C]
  2. Second [FILL SECOND PROVIDER TYPE FROM F9C]
  3. DK/REF
- 

 **(R) HH\_F14\_REASON\_R**

Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.8**

**F14.** What was the main reason you made that decision?

1. Had no other choices
2. Cost
3. Schedule
4. Location
5. Quality of care
6. Best feeling
7. Provider had space available
8. OTHER
9. DK/REF
10. Added: Still looking
11. Added: Had prior relationship with provider
12. Added: Provider had no spots available
13. Added: Household circumstances changed
14. Added: Liked program content curriculum/activities
15. Added: Concerns with program quality (e.g., safety, crowding, number of adults, etc.)
16. Added: Program's ability to care for children with special needs
17. Added: Convenience/flexibility
18. Added: Decided to take care of child myself (or spouse decided to)
19. Added: Child's choice (wanted or did not want)
20. Added: Did not find work, no job
21. Added: Transportation (or lack thereof)
22. Added: To interact with other children
23. Added: Waiting to hear back from program/ not started yet
24. Added: Did NOT like curriculum or lack of education
25. Added: Did not qualify
26. Added: Did not change providers
27. Added: Met all my needs
28. Added: Medical/health
29. Added: Moving/moved
30. Added: Uncomfortable with strangers watching my child



**NOTES:**

Other/Specify responses were coded into the existing codeframe where possible or to the categories labeled "Added" (categories were added during post-coding). When this was not possible, they remained in the category "Other."



Variables affecting eligibility for this item: **SKIP LOGIC BOX F.1, SKIP LOGIC BOX F.8**

**F14\_OS.** SPECIFY:

- 
- 1. DK/REF
- 

## Section G. Household Characteristics

### Overview for Data Users – Section G

Section G collected information on the characteristics of the household. Additional variables on household characteristics can be found in the derived variables section. References to these items are also included with related variables throughout section G.



### **HH\_ECON\_OWNHOME**

**G1.** Do [you/you or your spouse/you or your partner] own this home, do you rent, or something else?

- |                                |                    |
|--------------------------------|--------------------|
| 1. Own                         | → GO TO <b>G2</b>  |
| 2. Rent                        | → GO TO <b>G2</b>  |
| 3. Other, neither own nor rent | → GO TO <b>G1A</b> |
| 4. DK/REF                      | → GO TO <b>G1A</b> |



### **(R) HH\_G1A\_LIVING**

Variables affecting eligibility for this item: **HH\_G1\_OWNHOME**

**G1A.** What is your situation?

1. Live with parent(s)
2. Live with spouse's/partner's parent(s)
3. Housing is part of job compensation; live-in servant; housekeeper; gardener; farm laborer
4. Housing is a gift paid for by an HU resident other than R or spouse/partner
5. Housing is a gift paid for by a friend or relative outside of the HU
6. Housing paid for by a government agency/welfare/charitable institution
7. Sold home, not moved out of it yet
8. Living in house which R will inherit; estate in progress
9. Living in temporary quarters (garage, shed) while home is under construction
10. Live here without formal arrangements; staying temporarily; squatting

11. Other
  12. DK/REF
- 

 **HH\_ECON\_OWNCAR**  
**HH\_G2\_CAR**

**G2.** (IF NOT OBVIOUS) Do you have a car?

- 1. DK/REF (QT)
  1. Yes
  2. No
  3. DK/REF (PU)
- 

 **HH\_ECON\_INCOME\_MONTHLY**  
**(R) HH\_G3\_INCOME**

**G3.** Approximately what was your total household income *last month*?

IF NEEDED: Please include the income of anyone who contributes to household expenses and child care costs. Also include any child support you may receive if that contributes to household expenses or child care costs. Include income from pensions or from government programs like food stamps or unemployment insurance.

TOTAL INCOME: \$ \_\_\_\_\_ → GO TO **G3A**

Range: 0-999999999

-1. DK/REF → GO TO **G3B**



**NOTES:**

This measure of income combines exact and categorical reports of annual income. Variable underwent imputation, tax-adjustment, and top-coding.

To prevent disclosure, variable was top coded so that the top 1% of observations of household annual income were replaced by the median of the top 1% observations.

Please see chapter 4 of the user's guide for more on how this variable was constructed.

---

 **HH\_G3A\_TAXINCL**

Variables affecting eligibility for this item: **HH\_G3\_INCOME**

**G3A.** Is that before or after taxes and other deductions?

- 
- |                 |                    |
|-----------------|--------------------|
| 1. Before taxes | → GO TO <b>G4A</b> |
| 2. After taxes  | → GO TO <b>G4A</b> |
| 3. DK/REF       | → GO TO <b>G4A</b> |
- 

### **HH\_G3B\_ESTINCOME**

Variables affecting eligibility for this item: **HH\_G3\_INCOME**

- G3B.** Let me assure you that your responses to this and all other questions in this survey will not be revealed to any agency except in summary form for all study participants combined. Which of the following categories do you think best describes your total household income after taxes from all sources last month. Just stop me when I get to the right category:

1. Less than \$1200
  2. \$1200 to \$1999
  3. \$2000 to \$2999
  4. \$3000 to \$4199
  5. \$4200 to \$5499
  6. \$5500 or more
  7. DK/REF
- 



### **HH\_ECON\_INCOME\_ANNUAL**

(R) **HH\_G4A\_INCOMEYR**

- G4A.** And how about all of last year, that is, 2011. What was the total amount of your household income that year?

Total amount for the past 12 months: \$ \_\_\_\_\_ → GO TO **G4B**

Range: 0-999999999

-1. DK/REF → GO TO **G4A1**



### **NOTES:**

This measure of income combines exact and categorical reports of annual income. Variable underwent imputation, tax-adjustment, and top-coding.

To prevent disclosure, variable was top coded so that the top 1% of observations of household annual income were replaced by the median of the top 1% observations.

The public-use data file includes additional variables on annual HH income. Please see the following items in the derived variables section under Household Income: **HH\_ANNUAL\_INCOME\_RAW\_TC**,

**HH\_ANNUAL\_INCOME\_IMP\_TC**, and **HH\_ANNUAL\_INCOME\_ADJ\_TC**. In order to prevent disclosure, these three public-use variables were top-coded so that the top 1% of observations were replaced by the median of the top 1% observations. Please see the NSECE HH restricted-use data file for the untreated income variables.

---

→ **(R) HH\_G4A1\_ESTINC30K**

Variables affecting eligibility for this item: **HH\_G4A\_INCOMEYR**

**G4A1.** You may not be able to give us an exact figure for your household income but would it amount to \$30,000 or more?

In order to understand whether or not child care affordable to American families, we need to know your household's income. You may not be able to give us an exact figure, but was your household income last year through wages and salaries from all jobs....

- |                           |              |
|---------------------------|--------------|
| 1. Yes, \$30,000 OR MORE  | → GO TO G4A2 |
| 2. No, less than \$30,000 | → GO TO G4A5 |
| 3. DK/REF                 | → GO TO G4A5 |

→ **(R) HH\_G4A2\_ESTINC50K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC30K**

**G4A2.** Would it amount to \$50,000 or more?

- |           |            |
|-----------|------------|
| 1. YES    | → ASK G4A3 |
| 2. NO     | → ASK G4A4 |
| 3. DK/REF | → ASK G4A4 |

→ **(R) HH\_G4A3\_ESTINC75K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC50K**

**G4A3.** Would it amount to \$75,000 or more?

- |           |               |
|-----------|---------------|
| 1. YES    | → SKIP TO G4B |
| 2. NO     | → SKIP TO G4B |
| 3. DK/REF | → SKIP TO G4B |

→ **(R) HH\_G4A4\_ESTINC40K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC50K**

**G4A4.** Would it amount to \$40,000 or more?

- |           |               |
|-----------|---------------|
| 1. YES    | → SKIP TO G4B |
| 2. NO     | → SKIP TO G4B |
| 3. DK/REF | → SKIP TO G4B |
- 

 **(R) HH\_G4A5\_ESTINC15K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC30K**

**G4A5.** Would it amount to \$15,000 or more?

- |           |              |
|-----------|--------------|
| 1. YES    | → GO TO G4A6 |
| 2. NO     | → GO TO G4A7 |
| 3. DK/REF | → GO TO G4A7 |
- 

 **(R) HH\_G4A6\_ESTINC20K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC15K**

**G4A6.** Would it amount to \$20,000 or more?

- |           |               |
|-----------|---------------|
| 1. YES    | → SKIP TO G4B |
| 2. NO     | → SKIP TO G4B |
| 3. DK/REF | → SKIP TO G4B |
- 

 **(R) HH\_G4A7\_ESTINC10K**

Variables affecting eligibility for this item: **HH\_G4A1\_ESTINC15K**

**G4A7.** Would it amount to \$10,000 or more?

- |           |
|-----------|
| 1. Yes    |
| 2. No     |
| 3. DK/REF |
- 



**HH\_ECON\_EARNERS**

**(R) HH\_G4B\_EARNERS**

**G4B.** How many different people's job earnings did you count in that 2011 household income?

NUMBER OF PEOPLE: \_\_\_\_\_

Range: 1-20

-1. DK/REF



**NOTES:**

To protect against disclosure, the public-use variable groups responses of four or more into one category:

0. None
1. One
2. Two
3. Three
4. Four or more

---

**(R) HH\_G4C\_OTHINCOME**

**G4c.** Again, thinking about the 2011 household income that you reported, *was any of that from sources other than job earnings* -- for example, from child support, pensions, government assistance programs, or interest from a bank account?

- |           |              |
|-----------|--------------|
| 1. Yes    | → GO TO G4D  |
| 2. No     | → GO TO G4B1 |
| 3. DK/REF | → GO TO G4B1 |

---

**(R) HH\_G4D\_OTHAMOUNT**

Variables affecting eligibility for this item: **HH\_G4C\_OTHINCOME**

**G4d.** How much of your 2011 total household income was from sources other than job earnings?

Amount from non-job sources: \_\_\_\_\_ → GO TO G4B1  
Range: 0-999999999  
-1. DK/REF → GO TO G4E

---

**(R) HH\_G4E\_ESTINCOME**

Variables affecting eligibility for this item: **HH\_G4D\_OTHAMOUNT**

**G4e.** You may not be able to give us an exact figure for, but were non-job household earnings in 2011

...

1. Less than \$2,500
  2. \$2,500 to less than \$5,000
  3. \$5,000 to less than \$7,500
  4. \$7,500 to less than \$10,000
  5. \$10,000 to less than \$12,500
  6. \$12,500 to less than \$15,000
  7. \$15,000 to less than \$20,000
  8. \$20,000 or more?
  9. DK/REF
- 

**HH\_WELFARE**

**(R) HH\_G4B1\_WELFARE**

**G4B1.** In the last calendar year did your household receive any public assistance or welfare payments?

- 1. DK/REF (PU)
- 0. NO (PU)
- 1. Yes (PU/RU)
- 2. No (RU)
- 3. DK/REF (RU)

**Q G10 ASKS ABOUT CHILD SELECTED IN C14.**

---

**G10.** What kind of health insurance or health care coverage does [SELECTED CHILD NAME] have?

(CODE FIRST MENTION, USE CATEGORIES TO PROBE AS NEEDED).

- (R) HH\_G10\_INSURE\_R\_1** Private Health Insurance Plan from your employer or workplace
- (R) HH\_G10\_INSURE\_R\_2** Private Health Insurance Plan through your spouse or partner's workplace
- (R) HH\_G10\_INSURE\_R\_3** Private Health Insurance Plan purchased directly
- (R) HH\_G10\_INSURE\_R\_4** Private Health Insurance Plan through a state or local government or community program
- (R) HH\_G10\_INSURE\_R\_5** Medicaid
- (R) HH\_G10\_INSURE\_R\_6** Medicare
- (R) HH\_G10\_INSURE\_R\_7** Military Health Care/VA or Champus/Tricare/Champ – VA
- (R) HH\_G10\_INSURE\_R\_8** No coverage of any type
- (R) HH\_G10\_INSURE\_R\_9** Other Specify → GO TO G10. OS

- (R) **HH\_G10\_INSURE\_R\_10** Added: Private Health Insurance plan through CHILD's parents or other relatives (e.g., grandparents, aunts/uncles, or siblings, etc.)
- (R) **HH\_G10\_INSURE\_R\_11** Added: Private Health Insurance Source unspecified
- (R) **HH\_G10\_INSURE\_R\_12** Added: Health Insurance through Union, College/University, or Church
- (R) **HH\_G10\_INSURE\_R\_13** Added: Supplemental Insurance Plan
- (R) **HH\_G10\_INSURE\_R\_14** Added: Charity care, Local clinic, Sliding scale, etc.
- (R) **HH\_G10\_INSURE\_R\_15** Added: Privately purchased limited coverage plan
- (R) **HH\_G10\_INSURE\_R\_16** Added: Coverage from another (possibly prior) employer (includes cobra)
- (R) **HH\_G10\_INSURE\_R\_17** Added: Indian Health Services
- (R) **HH\_G10\_INSURE\_R\_18** Added: Other state/local public health insurance (local and state health plans)
0. not selected  
1. selected

---

Variables affecting eligibility for this item: **HH\_G10\_INSURE**

**G10\_OS.** PLEASE SPECIFY.

-1. DK/REF

**SKIP LOGIC BOX G.1**

If the respondent reports two or more children living the household ( S1>1) → then the instrument will ASK **G10A**

ELSE → the questionnaire will GO TO **G11**

---

**(R) HH\_G10A\_OTHINSURE**

Variables affecting eligibility for this item: **SKIP LOGIC BOX G.1**

**G10A.** Besides (YOUNGEST CHILD), how many of your other children under 13 have some sort of health insurance or health care coverage?

NUMBER OF CHILDREN: \_\_\_\_\_

Range: 0-10

-1. DK/REF



## HH\_ECON\_EAT

- G11.** Which of these statements best describes the food eaten in your household in the last 12 months:  
We always had enough to eat, sometimes we did not have enough to eat, or often, we did not have enough to eat?

(CODE ONE ONLY)

1. Always enough to eat
2. Sometimes not enough to eat
3. Often not enough to eat
4. Don't Know/Refused

- 
- G12.** Do you or your [child/children] receive food stamps, WIC or participate in a reduced or free school meals program? (*GRID: question format shown in Appendix 6.1.*)

(CODE ALL THAT APPLY)

IF NEEDED: By school meals I mean reduced or free lunch, breakfast program or after school meals program for children of low-income families.

IF NEEDED: WIC is the Women, Infants and Children supplemental nutrition program.

- |                        |            |
|------------------------|------------|
| -1. Don't Know/Refused | (QT/PU)    |
| 0. No                  | (QT/PU)    |
| 1. Yes                 | (QT/PU/RU) |
| 2. No                  | (RU)       |
| 3. DK/REF              | (RU)       |



**HH\_ECON\_FOODSTAMP**  
**HHC\_HH\_ECON\_FOODSTAMP**  
**(R) HH\_G12\_1**

Food stamps



**HH\_ECON\_WIC**  
**HHC\_HH\_ECON\_WIC**  
**(R) HH\_G12\_2**

WIC only



**HH\_ECON\_FREELUNCH**  
**HHC\_HH\_ECON\_FREELUNCH**  
**(R) HH\_G12\_3**

School meals program



## NOTES:

The public-use data file also includes a summary variable on this topic. See **HH\_PUBASSIST** in the derived variables section under Child and Household Characteristics.

---

## HH\_ECON\_BORROW

- G13.** If you needed to borrow \$500 for three months, is there some person or place you could borrow it from?

IF NEEDED: I'm just asking a hypothetical question.

- 14. Yes
  - 15. No
  - 16. DK/REF
- 

## Section H. Parental Consent to Access Administrative Records

- H1.** I need to verify that I am speaking with someone who can authorize the release of state government program records for [NAME(S) OF ELIGIBLE CHILD(REN)]. Are you that person?

- 1. Yes → GO TO H4
  - 2. No → GO TO H2
  - 3. DK/REF → GO TO H2
- 



Variables affecting eligibility for this item: **HH\_H1\_ELIG**

- H2.** May I know who would be able to authorize such a release?

ENTER PHONE NUMBER AS ####-####-####

NAME: \_\_\_\_\_

-1. DK/REF

PHONE: \_\_\_\_\_

-1. DK/REF

RELATIONSHIP TO CHILD: \_\_\_\_\_

-1. DK/REF

**GO TO H7**

**H4. PLEASE ENTER YOUR INTERVIEWER ID**

INSTRUMENT COLLECTED CONSENT TO ACCESS ADMINISTRATIVE RECORDS FOR EACH CHILD INDIVIDUALLY; H5 WAS READ FOR EACH CHILD IN HH.

---

**HH\_ADMIN\_CONSENT\_X (X=1-9 children)**

- H5.** We are asking your permission to search state or local government records for child-care subsidy, Supplemental Nutritional Assistance Program (Food Stamps), TANF, WIC, Medicaid, or other programs that provide assistance to families. We would give the state agency basic information that identifies [CHILD NAME], and request that information about [his/her] participation in government programs be sent to the U.S. Department of Health and Human Services or its contractors, for study purposes only. Do we have your permission to do so?

-1. Don't Know/Refused

1. Yes → GO TO H6  
2. No → GO TO H3



**NOTES:**

This variable indicates whether HH respondent gave consent for administrative data to be linked to Child X and has the values below:

1. Yes  
2. No

It was created by combining HH\_H5\_1 through HH\_H5\_9, The X represents the loop number in which the child was reported in section A.

---

- H3.** (SUGGESTED SCRIPT) State or local government program records can provide additional information about the child care and financial assistance for care that a child and his/her family may be receiving. (IF NEEDED: For example, some pre-schools or after-school programs may be receiving government subsidies that parents are not aware of. These subsidies would be recorded in state program data on child care subsidies or such child care-related programs as Head Start or Universal Pre-Kindergarten.) NORC requests your permission to search child-care related government program records for information about your child or about the providers who serve your children. Even if your (child has/children have) not received subsidies or (has/have) never been in child care, it is still important for us to have your permission so that we can compare families like yours against those that do enroll in programs. We would not provide the

state agency with any of the answers you've told me today, other than your name and the name(s) of your child/ren, and enough information to find them in state records.

All information about your child and your child's care provider is held in strict confidence and used for study purposes only. Any names of children, as well as any names of childcare providers, will not be used in reporting the study results. We will never release any information that may identify you or your child. The information will be reported in statistical form to the U.S. Department of Health and Human Services as part of the results of this study.

1. Continue → GO TO H6
2. Respondent still refuses (ONLY CHOOSE THIS WHEN YOU HAVE MADE ALL APPROPRIATE AVERTION ATTEMPTS) → GO TO INSTRUCTION BEFORE H7\_ADDR

#### SKIP LOGIC BOX H.1

If the respondent has given permission for at least one child and still refuses the conversion attempt (H3 = 2)  
2 → then the instrument will GO TO **H6** AND DISPLAY ROWS FOR THE CHILD/REN WITH PERMISSION

If the respondent still refuses for all children → then the questionnaire will GO TO INSTRUCTION BEFORE **H7\_ADDR**

- 
- H6.** Can you please tell me the full name and date of birth for each child under age 13 in your household? (*GRID: question format shown in Appendix 6.1.*)

CHILD/REN'S FULL NAME(S)

---



Variables affecting eligibility for this item: **SKIP LOGIC BOX H.1**

**H6\_ADULT.** As the authorizing adult, can you please tell me your full name?

NAME: \_\_\_\_\_  
-1. DK/REF

#### SKIP LOGIC BOX H.2

If the respondent returned the mail screened and ADR\_1 is blank (i.e., no confirmed address)  
→ then the instrument will ASK **H7\_ADDR**

ELSE → the questionnaire will GO TO **H7**



Variables affecting eligibility for this item: **SKIP LOGIC BOX H.1, SKIP LOGIC BOX H.2**

**H7\_ADDR.** Our records have [ADDRESS1], [ADDRESS2], [CITY], [STATE], [ZIP]. Can I confirm that you are still living at that address?

1. Correct → GO TO H7
  2. Not correct → GO TO H7\_ADDR2
- 



Variables affecting eligibility for this item: **SKIP LOGIC BOX H.1, SKIP LOGIC BOX H.2**

**H7\_ADDR2.** What is your correct address then?

ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_  
STATE: \_\_\_\_\_  
ZIP: \_\_\_\_\_

---

**H7.** Thank you very much for speaking with me today. Those are all of the questions I have for you. Your contribution is greatly appreciated and will help improve the understanding of the experiences and preferences of parents regarding the care of their young children.

---

## Household Survey Calendar Data File

### Data File Structure

This data file presents data elements from the child calendar, adult calendar and gap checks as collected in the Household Survey. These data are included in a separate file from the main household public-use file. Data have been restructured and are presented in a uniform fashion. The file has 11,629 records, one for each household in the Household Survey data.

Each variable in this file has 672 iterations, one for each 15-minute period in a 7-day week. For example, block 1 is designated Monday 12:00 – 12:14 am, while block 672 is designated Sunday 11:45pm – 11:59 pm. Data are available within the calendar individually for each child in the household under age 13, and for each adult in the household who is a parent or spouse of parent of a child in the household under age 13 or who regularly cares for a child under age 13 in the household. By aligning elements for the same block group across household members, researchers can determine the activities of different members of the household in a given 15-minute increment of time, for example, to see whether parents are at work when children are in nonparental care. By counting blocks within individuals, researchers can determine, for example, the number of hours in the week spent on one or another activity.

Calendar variables can be linked with other data in other Household Survey data files through the HH\_METH\_CASEID variable, and further with individual children or adults through the index numbers embedded in each variable name. Analyses should use either the household sampling weight HH\_METH\_WEIGHT or the child sampling weights HHC\_METH\_WEIGHT\_X (X=1 to 9), which are available in the Quick Tabulation and Main Public Use data files.

The large number of variables in this file (more than 15,000) can result in long processing times.

### Questionnaire Content

The centerpiece of the NSECE Household Survey was collection of detailed information for the Monday to Sunday week most recently preceding the interview date. For this seven day period, the respondent was asked to report:

- ▶ In a child calendar – every person or entity that was responsible for looking after each child under age 13 years in the household when that child was not in the care of a parent living in the household. These are the C2 series questions in the Household Questionnaire.
- ▶ In an adult work-related activities calendar – the work related activities (work, school, training, and commutes between these activities and home) of selected adults in the household. Selected adults include the respondent, his or her spouse, any parents in the household with children under age 13 years living in the household, and any adults in the household caring for children under age 13 years in the household for at least 5 hours each week. These are the D1D series questions in the Household Questionnaire.
- ▶ A gap-check calendar – that compared child care status to adult work-related activities to confirm or clarify any spell in which a child was not reported in non-parental care but all parents in the household were reported to be in work-related activities. These are the CHK3 series questions in the Household Questionnaire.

Below we provide additional detail on how these items were collected:

### Child Calendar Questions

The original child calendar data were collected as a grid. There was no limit to the number of iterations asked, although only three are shown below:

	<b>C2.</b> Thinking about last [DAY] (that is, [FILL DATE]), who cared for [CHILD NAME]? Do not include any parent of a child under 13 in this household or his or her spouse.	<b>C2A1.</b> What time last [DAY] did [PROVIDER] start to care for [CHILD NAME]? <b>START TIME:</b>	<b>C2D.</b> When did the care with [PROVIDER] end last [DAY]? <b>END TIME:</b>	And who cared for him/her next that day?
1	[Drop-down list to select provider]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	
2	[Drop-down list to select provider]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	
3	[Drop-down list to select provider]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	

The codeframe for the drop-down list was:

1. Select Provider (placeholder; not a valid selection)
2. Provider 1  
< etc. for Providers 2 – 14>
16. Provider 15
22. USED PARENTAL CARE ONLY

The list of 15 providers for the HH was populated based on responses given at C1A\_LIST (Please tell me all of the people or organizations that cared for [him/her] last week.) and C1A1 (Enter provider name). For each provider selected in the grid, a start and stop time was asked for the care spell. Up to five spells could be entered, and either the start, stop, or both times could be refused. If option 22-Used Parental Care Only was selected, no times were asked and care was assumed to run from 12am to 11:59pm. Additional mechanisms were embedded in the computer-assisted interview logic to permit respondents to say that one day's schedule was identical to another's, or that one child's schedule was identical to another's.

### Adult Calendar Questions

Adult calendar data were collected as a grid:

	<b>D1D.</b> Thinking about last [DAY], [FILL DATE], did you go to work/school/training?	<b>D1D_1.</b> What time did you begin [work/school/training] on last [DAY]? (Please include time you spent commuting to and from [work/school/training] in your response.) <b>START TIME:</b>	<b>D1D_2.</b> What time did you end [work/school/training] on last [DAY]? <b>END TIME:</b>	And did you attend work/school/training any other time that day?
1	[Drop-down list to select location]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	
2	[Drop-down list to select location]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	
3	[Drop-down list to select location]	_____ <input type="checkbox"/> DK/REF	_____ <input type="checkbox"/> DK/REF	

The codeframe for the drop-down list was:

1. Select Activity (placeholder; not a valid selection)
2. Work
3. School
4. Training
5. NO WORK/SCH/TRNG ACTIVITY
6. DK/REF

The list of locations for the HHM was populated based on responses given at D1A, D1B, and D1C, where the R indicated whether the HHM attended work, school, or training last week. For each location filled in the grid, a start and stop time was asked for the spell. Up to five spells could be entered, and either the start, stop, or both times could be refused. If option 5- NO WORK/SCH/TRNG ACTIVITY was selected, both times were left missing.

### Gap Check Questions

After the Child and Adult Calendars were filled, the questionnaire logic compared the two to look for times where parent care was reported, or no provider care was reported for the child but all parents were at work. If such a conflict occurred, it was flagged as a child care gap. The questionnaire then calculated the start and stop time for the child care gap, and the R was asked to clarify where the child and parent were at that time. The quex flagged up to 7 gaps per day and per child (that is, one child could have a maximum of 7 gaps per day x 7 days per week = 49 gap check questions per week). Although this data was never presented in a grid, the structure is similar to the Child Calendar with seven grid rows instead of five, with a child's location, start, and stop time in each row. Responses to gap check questions were coded by the project team and incorporated into the child calendar variables.

## Data File Contents

The variables in this file are:

Variable	Description
HH_METH_CASEID	Unique household identifier
HH_CHCAL_R_X_Z	Final provider code for child number X (1 to 9) and 15-Minute Block Z (1 to 672).
HH_BLOCKTIME_Z	Start time for each 15-Minute Block Z (1 to 672).
HH_BLOCKDAY_Z	Day of the week for each 15-Minute Block Z (1 to 672). <ul style="list-style-type: none"> <li>1. Monday</li> <li>2. Tuesday</li> <li>3. Wednesday</li> <li>4. Thursday</li> <li>5. Friday</li> <li>6. Saturday</li> <li>7. Sunday</li> </ul>
HH_ADCAL_X_Y	Final activity code for HHM number X (1 to 12) and 15-Minute Block Y (1 to 672).

### HH\_CHCAL\_R\_X\_Z Child calendar care provider

Each child's care status for a 15-minute block is given as a code ranging from 1 to 97. Children are indexed first, with X ranging from child 1 to child 9 and Z indexes the 15-minute block number 1 to 672. Care status values indicate parental care, a non-parental care provider, or another arrangement identified by the gap check questions.

Code	Description
-9	No Child X
-1	Data missing in error.
0	There was no provider reported and the child is assumed to be in the care of the parents, or the child was reported as in all-day parent care. All-day parent care was reported by either selecting 22-Used Parental Care only in the child care calendar grid or by indicating "Parental Care Only" at C1A_LIST.
1 to 15	The child was in the care of a non-parent provider. Please see the provider roster for the corresponding roster position to obtain additional information about the provider.
51 to 97	A gap check question was asked for this time because no provider was given for the child, but the adult calendar showed the parent(s) were at work, school, or training (and thus not at home). This represents the response to the gap check question with the following codeframe: <ul style="list-style-type: none"> <li>51. child with R/R spouse/partner at work/school/training</li> <li>52. child with R/R spouse/partner NOT at work/school/training</li> <li>53. Child cared for himself/herself</li> <li>54. Child with sibling less than 18</li> <li>56. Child with PARENT AT WORK/school training</li> <li>57. Child with PARENT NOT AT WORK</li> <li>58. Added: in transit to/from school/care - supervised (with parent, relative, on school bus, etc.)</li> <li>59. Added: in transit to/from school/care - unsupervised (only when clear that child is unsupervised - on city bus, alone, etc. Otherwise code as 6)</li> <li>60. Added: with a parent (location unclear)</li> <li>61. Added: with relative (grandparents, aunt/uncle, etc.)</li> <li>62. Added: with sibling (age unclear)</li> <li>63. Added: with friends (often unclear whether child's friends or parent's friends; that is ok)</li> <li>64. Added: with caregiver/provider</li> <li>65. Added: R/Parent works from home</li> <li>66. Added: child in location where partially supervised (e.g., library, at school hanging out, at mall, etc.)</li> </ul>

Code	Description
	67. Added: overnight care 68. Added: child in school 69. Added: child with adult sibling 70. Added: child with R's partner or step-parent 71. Added: child waiting to be picked up (location unclear) 72. Added: commuting and school 73. Added: commute followed by relative 74. Added: commute then home alone 75. Added: commuting followed by provider 76. Added: daycare followed by parent 77. Added: daycare followed by relative 78. Added: daycare followed by school 79. Added: parent followed by school 80. Added: relative followed by multiple activity 81. Added: provider followed by parent 82. Added: relative followed by school 83. Added: school followed by daycare 84. Added: school followed by parent 85. Added: school followed by provider 86. Added: school followed by relative 87. Added: school followed by single activity 88. Added: split between relative and provider 89. Added: friend followed by parent 90. Added: parent followed by friend who takes children to school 91. Added: parent at work followed by relative 92. Added: school followed by sibling under 18 93. Added: parent or provider 94. Added: with individual - relation unclear (use when R supplies a name, but no relationship) 96. Other arrangement 97. Don't know

#### HH\_ADCAL\_Y\_Z Adult calendar work-related activity status

Each adult's work-related activity status for a given 15-minute block is given as a 1-digit numeric code. Y indexes the adult's HHM loop number (1 to 12), and Z indexes the block (1 to 672). The code has values 0-9, as follows:

- 0. No Work/School/Training Activity
- 1. Work
- 2. School
- 3. Training
- 4. DK/REF
- 8. HHM skipped Section D (HH\_SD\_ASK\_X = 0)
- 9. No HHM Exists (X > HH\_B1A1\_NUMHH)

## 6. Appendices

### *List of Appendices*

- 6.1 Screenshots of Selected Questions from the Household Instruments

## 6.1 Screenshots of Selected Questions from the Household Instruments

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Questionnaire items could differ in structure from mode to mode and from the representation in the hard-copy questionnaire included in the variable level documentation. In order to help data users understand how these questions were presented to respondents, we have included screenshots of these items on the following pages when differences were most notable. The variable-level documentation references the appendix when there is a screenshot associated with the question series. Some features to note in the screenshots below might include: order of response entry, other items visible on the screen, and instructions provided to respondents or interviewers.

The screenshots below are taken from the CAPI instrument. There were no significant differences across the household CAPI and CATI instruments.

**A1 Question Series – Roster of Children Under 13 in the Household**

A1. For each child under 13, starting with the youngest, can you tell me the first names (or initials) of all of the children under 13 who usually live in this household?

CHILD #1:	<input type="text"/>
CHILD #2:	<input type="text"/>
CHILD #3:	<input type="text"/>
CHILD #4:	<input type="text"/>
CHILD #5:	<input type="text"/>

**C1AList Question Series – Collecting List of Providers**

Can you tell me who else cared for Sally last week? (Please tell me all of the people or organizations that cared for him or her last week. Do not include any parent of a child under 13 in this household or his or her spouse. )

Please also include any other activities, such as playdates or babysitters.

- Spouse
- Preschool
- Grandma
- ADD PROVIDER
- CHILD HIM/HERSELF
- DK/REF

**C2 Questions Series – Collecting the prior week's schedule of care for individual child**

FOR CARE ARRANGEMENT REPORTED BY RESPONDENT, SELECT PROVIDER FROM THE DROP-DOWN MENU AND ASK C2A1 AND C2D BELOW. IF A PROVIDER CARED FOR CHILD MULTIPLE TIMES IN THE DAY, EACH SESSION OF CARE SHOULD BE REPORTED SEPARATELY.

**IF NEEDED:** Please tell me about last week, even if it was an unusual week. I'll ask you other questions about your usual schedule later on.

C2. Thinking about <b>last Monday</b> (that is, Monday, May 18, 2015), who cared for SALLY? Do not include any parent of a child under 13 in this household or his or her spouse.		C2A1. What time <b>last Monday</b> did [PROVIDER] start to care for SALLY?  START TIME:	C2D. When did the care with [PROVIDER] end last Monday?  END TIME:	And who cared for him/her next that day?
1	Select Provider ▾	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
2	Select Provider ▾	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
3	Select Provider ▾	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
4	Select Provider ▾	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
5	Select Provider ▾	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	

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**C2D2 Question**

C2D2. Thinking about SALLY's schedule for last week, was any day's schedule last week the same as **last Monday?**  
SELECT ALL THAT APPLY.

PROVIDER:	START TIME:	END TIME:
Preschool	9:00:00 AM	2:00:00 PM
Grandma	2:00:00 PM	6:00:00 PM

- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday
- NO IDENTICAL DAYS

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**C2A2 Question**

Sometimes a child's schedule on a specific day is different from his or her regular schedule for that day of the week.

Was Sally's schedule **last Tuesday** identical to Monday that week, or were there some differences in when or where s/he spent time those two days?

PROVIDER:	START TIME:	END TIME:
Preschool	9:00:00 AM	2:00:00 PM
Grandma	2:00:00 PM	6:00:00 PM

- identical
- some differences

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**C4C Question Series – Additional Children with the Same Child Care Schedule as Child 1**

Was Johnny's schedule **last Monday** the same as another child's Monday schedule?

- Yes
- No

**C4C1 Question Series – Additional Children with the Same Child Care Schedule as Child 1**

Which child had the same Monday schedule?

- Sally

**C4C2 Question Series – Additional Children with the Same Child Care Schedule as Child 1**

Sometimes a child's schedule on a specific day is different from his or her regular schedule for that day of the week. Was Johnny's schedule **last Monday** identical to Sally's schedule, or were there some differences in when or where s/he spent time last Monday?

PROVIDER:	START TIME:	END TIME:
Preschool	9:00:00 AM	2:00:00 PM
Grandma	2:00:00 PM	6:00:00 PM

- identical  
 some differences

**C14Care Question Series, Center Care**

	EXCELLENT	GOOD	FAIR	POOR	NO OPINION	DK/REF
Now how would you rate <b>center care</b> on having a nurturing environment for children of the same age as <b>Sally</b> ? Would you say excellent, good, fair, poor?	<input type="checkbox"/>	<input type="radio"/>				
How would you rate <b>center care</b> on helping children be ready to learn in school for children of the same age as <b>Sally</b> ? (Would you say excellent, good, fair, poor?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about <b>center care</b> for teaching children how to get along with other children ? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about safety in <b>center care</b> (for children of the same age as <b>Sally</b> )? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about affordability of <b>center care</b> ? (Would you say this type of care is excellent, good, fair, poor in terms of parents being able to afford it?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about flexibility for parents who use <b>center care</b> ? (Would you say this type of care is excellent, good, fair, poor for parents' flexibility?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**C14Care Question Series, Relative or Friend Care**

	EXCELLENT	GOOD	FAIR	POOR	NO OPINION	DK/REF
Now how would you rate <b>relative or friend care</b> on having a nurturing environment for children of the same age as <b>Sally</b> ? Would you say excellent, good, fair, poor?	<input type="checkbox"/>	<input type="radio"/>				
How would you rate <b>relative or friend care</b> on helping children be ready to learn in school for children of the same age as <b>Sally</b> ? (Would you say excellent, good, fair, poor?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about <b>relative or friend care</b> for teaching children how to get along with other children ? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about safety in <b>relative or friend care</b> (for children of the same age as <b>Sally</b> )? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about affordability of <b>relative or friend care</b> ? (Would you say this type of care is excellent, good, fair, poor in terms of parents being able to afford it?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about flexibility for parents who use <b>relative or friend care</b> ? (Would you say this type of care is excellent, good, fair, poor for parents' flexibility?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**C14Care Question Series, Family Day Care**

	EXCELLENT	GOOD	FAIR	POOR	NO OPINION	DK/REF
Now how would you rate <b>family day care</b> on having a nurturing environment for children of the same age as <b>Sally</b> ? Would you say excellent, good, fair, poor?	<input checked="" type="radio"/>	<input type="radio"/>				
How would you rate <b>family day care</b> on helping children be ready to learn in school for children of the same age as <b>Sally</b> ? (Would you say excellent, good, fair, poor?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about <b>family day care</b> for teaching children how to get along with other children ? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about safety in <b>family day care</b> (for children of the same age as <b>Sally</b> )? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about affordability of <b>family day care</b> ? (Would you say this type of care is excellent, good, fair, poor in terms of parents being able to afford it?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about flexibility for parents who use <b>family day care</b> ? (Would you say this type of care is excellent, good, fair, poor for parents' flexibility?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**C14Care Question Series, Parental Care**

	EXCELLENT	GOOD	FAIR	POOR	NO OPINION	DK/REF
Now how would you rate <b>parental care</b> on having a nurturing environment for children of the same age as <b>Sally</b> ? Would you say excellent, good, fair, poor?	<input checked="" type="radio"/>	<input type="radio"/>				
How would you rate <b>parental care</b> on helping children be ready to learn in school for children of the same age as <b>Sally</b> ? (Would you say excellent, good, fair, poor?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about <b>parental care</b> for teaching children how to get along with other children ? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about safety in <b>parental care</b> (for children of the same age as <b>Sally</b> )? (Would you say it is excellent, good, fair, poor for children of the same age as <b>Sally</b> ?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about affordability of <b>parental care</b> ? (Would you say this type of care is excellent, good, fair, poor in terms of parents being able to afford it?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How about flexibility for parents who use <b>parental care</b> ? (Would you say this type of care is excellent, good, fair, poor for parents' flexibility?)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**D1 Question Series – Collecting Parental Work/School/Training Schedule for the prior week**

SELECT ACTIVITY FROM THE DROP-DOWN MENU AND ASK D1D\_1 AND D1D\_2 BELOW. IF R DID AN ACTIVITY MULTIPLE TIMES IN THE DAY, EACH SCHEDULE SHOULD BE REPORTED SEPARATELY.

D1D. Thinking about last MONDAY, MAY 18, 2015, did you go to work/school/training?		D1D_1. What time did you begin [work/school/training] on <b>last Monday</b> ? (Please include time you spent commuting to and from [work/school/training] in your response.)  TIME STARTED:	D1D_2. What time did you end [work/school/training] <b>last Monday</b> ?  TIME ENDED:	
SCHEDULE 1	Select Activity ▼	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	And did you attend work/school/training any other time that day?
SCHEDULE 2	Select Activity ▼	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
SCHEDULE 3	Select Activity ▼	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
SCHEDULE 4	Select Activity ▼	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	
SCHEDULE 5	Select Activity ▼	<input type="text"/> <input type="checkbox"/> DK/REF	<input type="text"/> <input type="checkbox"/> DK/REF	

**CHK3 – Gap in Child Care**

CHK3. It seemed that Sally was not in any care and you were at work last Friday from 9:00:00 AM to 7:00:00 PM. Was Sally with you at work, or did he or she care for himself or herself during that period of time?

- CHILD WITH R/R SPOUSE/PARTNER AT WORK/SCHOOL/TRAINING
- CHILD WITH R/R SPOUSE/PARTNER AND R/SPOUSE NOT AT WORK/SCHOOL/TRAINING
- CHILD CARED FOR HIM/HERSELF
- CHILD WITH SIBLING LESS THAN 18
- OTHER ARRANGEMENT

**D1D Question**

What day(s) last week is (are) the same as your **Monday** schedule last week for work, school or training?

ACTIVITY:	START TIME:	END TIME:
Work	9:00:00 AM	3:00:00 PM
School	3:00:00 PM	5:00:00 PM

- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday
- NO IDENTICAL DAYS**

**D3D Question, Respondent's Pay**

D3D. About how much are you paid at that job?

Name of respondent's job

RECORD WAGE:

DK/REF

D3D. Is that per...?

RECORD UNIT:

- PER HOUR
- PER DAY
- PER WEEK
- BI-WEEKLY
- PER MONTH
- PER YEAR
- OTHER
- DK/REF

**D3D Question, Other Household Member's Pay**

D3D. About how much is he paid at that job?

Name of spouse's job

RECORD WAGE:

DK/REF

D3D. Is that per...?

RECORD UNIT:

- PER HOUR
- PER DAY
- PER WEEK
- BI-WEEKLY
- PER MONTH
- PER YEAR
- OTHER
- DK/REF

**G12 Question**

G12. Do you or your child receive food stamps, WIC or participate in a reduced or free school meals program?

(CODE ALL THAT APPLY)

**IF NEEDED:** By school meals I mean reduced or free lunch, breakfast program or after school meals program for children of low-income families.

**IF NEEDED:** WIC is the Women, Infants and Children supplemental nutrition program.

	Yes	No	DK/REF
Food stamps	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
WIC only	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
School meals program	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

**H6 Question**

H6. Can you please tell me the full name and date of birth for each child under age 13 in your household?

CHILD/REN'S FULL NAME(S)

FULL NAME: DOB MONTH: DOB DAY: DOB YEAR:

1.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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