



National Survey of
Early Care & Education

2019 National Survey of Early Care and Education (NSECE) Level-1 Restricted-use (L1) Manual – Household

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 **OPRE**

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Submitted to:

Ivelisse Martinez-Beck, Ph.D, Co-Project Officer
Ann Rivera, Ph.D, Co-Project Officer
Paula Daneri, Ph.D, Project Team Member
Bonnie Mackintosh, Ph.D, Project Team Member
Shannon Warren, Ph.D., Project Team Member
Office of Planning, Research, and Evaluation
Administration for Children and Families
U.S. Department of Health and Human Services

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Project Director

A. Rupa Datta
NORC at the University of Chicago
55 E Monroe Street
Chicago, Illinois, 60603

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1. Introduction to Level-1 Restricted-use Data Files

This manual provides information on the 2019 National Survey of Early Care and Education (NSECE) Household level-1 restricted-use (L1) data file. The L1 data file supplements the Household public-use data file, with minimal overlap of variables across the data files. Similarly, this L1 manual supplements the documentation for the Household public-use data file, the “[2019 National Survey of Early Care of Education \(NSECE\) User's Guide - Household \(OPRE Report #2023-170\)](#)” (referred to as the User’s Guide in the remainder of this document). The User’s Guide and the Household public-use data file can be found at the Child and Family Data Archive (under the “Data & Documentation” tab). This L1 manual is intended to be read in conjunction with the Household public-use User’s Guide and questionnaire.¹

The NSECE is funded by the Office of Planning, Research, and Evaluation (OPRE) in the Administration for Children and Families (ACF), U.S. Department of Health and Human Services (HHS). 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 portrait of both the availability and use of early care and education (ECE) in the United States.

In 2012, the NSECE conducted a set of four integrated surveys of 1) households with children under age 13, 2) home-based providers, 3) center-based providers, and 4) the center-based provider household. Together they characterize the supply of and demand for ECE in America and permit better understanding of how well families’ needs and preferences mirror providers’ offerings and constraints. Before this effort, there had been a 20-year long absence of nationally representative data on the use and availability of ECE. To update the information collected in 2012, OPRE funded a new round of the NSECE in 2019. The 2019 NSECE followed a similar design to the 2012 study, including surveying households with young children, home-based providers, center-based providers, and staff working in center-based classrooms. These new data will help to shed light on how the ECE landscape changed from 2012 to 2019.

The 2019 NSECE 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.

¹ The User’s Guide and the Household public-use data file are available at <https://www.childandfamilydataarchive.org/cfda/archives/cfda/studies/37941>. The questionnaire is available at <https://www.acf.hhs.gov/opre/project/national-survey-early-care-and-education-2019-2017-2022>.

Exhibit 1.1 Characteristics of the NSECE Data Products

	Quick Tabulation	Main Public-Use Data Files	Restricted-Use Data Files
Total No. of Files	5	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	60 – 150	270 – 26,000	370 – 2,000
Type of Data Included	<ul style="list-style-type: none"> Some questionnaire response data Some derived variables Community characteristics from ACS data No identifying information 	<ul style="list-style-type: none"> All questionnaire response data are represented subject to disclosure considerations Extensive derived variables Community characteristics from ACS data No identifying information 	<ul style="list-style-type: none"> Questionnaire response data with disclosure risk Primary sampling unit (PSU) and state identification where possible* Secondary sampling unit (SSU) identifiers (linking variables, not actual location)* <p>* There are two levels of restricted-use files with varying degrees of disclosure treatment and linking between data files. PSU, SSU, and state identifiers are only available in the Level-2 restricted-use data file, and are not available in the L1 data file.</p>

2. Types of Variables Included in the L1 Data Files

As stated in Exhibit 1.1, the L1 data files contain data that were either recoded in the public-use (PU) data files or excluded from those files, because of concerns over the risk that respondents may be re-identified using such data. Analyses of the sample and of survey data items indicated that the greatest disclosure risk stemmed from unintended geographic linking of the data files. For this reason, the core of the disclosure limitation strategy for the NSECE data files is ensuring that we protect specific geographical respondent information from re-identification across all file types. Variables with outlier or rare values, which may increase the risk of re-identification, were also recoded to reduce disclosure risk. The NSECE adopts a tiered access strategy, with variables presenting more potential disclosure risk assigned to the L1 and L2 restricted-use data files. The types of variables included in the L1 data files are described below.

The L1 data files include variables that may pose some risk of deductive disclosure of geographic locations or sample members even though these variables do not directly identify any geographic locations or individual sample members. As a result, no direct identifiers of any of the sampled units or respondents appear in the L1 data files.

Users are encouraged to review the User's Guide for more information about the NSECE disclosure limitation strategy. In particular, Section 3.4 of each User's Guide provides a detailed discussion of disclosure treatment in the preparation of NSECE data files. Please note that the contents of the 2012 and 2019 L1 data files may differ due to differences in the survey instruments, prevalence of responses in each year's data, and the evolving nature of disclosure risk.

RAW VERSIONS OF RECODED PUBLIC-USE VARIABLES

The public-use data files contain variables that underwent disclosure limitation treatment. Disclosure limitation methods include top coding, aggregation, and coarsening. We use "recoding" as a generic term to describe any one of these methods. Section 3.4 of the User's Guide describes these disclosure limitation methods. The L1 data files contain versions of such variables prior to recoding.

Some examples from the Household L1 data file are:

- HH9_ECON_INCOME_ANNUAL, which reports the annual household income of the respondent, was top coded for the public-use data file. The L1 variable L1_HH9_ANNUAL_INCOME_ADJ reports the annual income without top coding.
- HH9_COMM_POVERTY_DENSITY reports the density of the low-income population in the community where the household respondent lived, coarsened

into three categories for the public-use data file: high, moderate, or low poverty density. The L1 variable L1_HH9_COMM_POVERTY_PERCENT reports the density of the low-income population as a continuous variable.

VARIABLES RELATED TO THE LOCATIONS OF RESPONDENTS

The NSECE team created a number of variables related to the locations of respondents. The largest class of such variables is community characteristics, which use data from the American Community Survey to describe the characteristics of the areas in which respondents work or live. In the case of the Household L1 data file, the community characteristics correspond to the community around the location of the household. In order to protect against re-identification of the geographical locations of respondents, only a limited number of these variables are included in the public-use data file. The L1 data files include community characteristics variables that were not reported in the public-use data files, as well as continuous versions of variables that are reported in coarsened form in the public-use files. The Household L1 data file also includes other variables that may be indirectly disclosive of a respondent's location, such as characteristics of the household's care providers.

OTHER VARIABLES RELATED TO THE CHARACTERISTICS OF RESPONDENTS

The Household L1 data file includes a number of variables related to the characteristics of respondents and their household members, that by themselves or in combination with other variables could be used to re-identify respondents. For example, L1_HH9_B1O_CNTRY_X reports the country of origin of each household member (if not the United States) who is a parent of a child under the age of 13 in the household.

3. Using the L1 Data File

Information on how to analyze data from the 2019 NSECE Household survey, as well as a complete discussion of the 2019 NSECE sample design and data collection, is available in the User's Guide. As stated in Section 1, L1 data file users should use the L1 data file in conjunction with this manual and the Household questionnaire, public-use data file, and User's Guide. Records in the public-use data file and the L1 data file can be linked using the HH9_METH_CASEID variable.

Users who wish to generate representative estimates and design-corrected standard errors should apply the appropriate sampling weight, stratum, and cluster variables available in the public-use file. Users are referred to Section 4 of the User's Guide for more information on analyzing the survey data in this data file.

A note on missing values in the Household data files. Some variables in the Household data files have missing values. Missing values can arise due to one of the following two reasons:

- The respondent completed the interview, but was not eligible for the survey question or questions on which the variable was based (a "valid skip").
- The respondent completed the interview and was eligible for the survey question or questions, but did not provide a response.

Users can therefore identify the sources of missingness for a given variable in the following way. Users should begin by reviewing the questionnaire to identify the survey item or items that determine whether a respondent is eligible or ineligible to answer the survey item corresponding to that variable. Then, identify the variables that correspond to the item or items determining eligibility. If a respondent is eligible to answer the survey item but has a missing value for the corresponding datafile variable, then the respondent did not provide an answer for that survey item.

An example from the Household L1 data file is:

- L1_HH9_B1O_1_YEAR_X reports the year that household member X first came to the United States. The questionnaire indicates that item B1O_1 was only asked for household members (1) for which the respondent provided a name or initials, (2) who were parents to a child under the age of 13 in the household, and (3) who were not born in the United States.
- There are 73,507 missing values for variable L1_HH9_B1O_1_YEAR_X, across all nine values of X (corresponding to nine total loops for household members). By cross-tabulating this variable with HH9_B1A_NAME_GIVEN_X,

HH9_PARCH_X_Y, and L1_HH9_B1O_US_X, the user will be able to attribute the missing values in the following way:

- 56,513 missing values were recorded because there was no household member in that loop.
- 343 missing values were recorded because the respondent did not provide a name or initials for that household member.
- 6,366 missing values were recorded because the household member was not a parent.
- 10,285 missing values were recorded because the household member was born in the United States, or did not provide an answer to B1O.

4. Variable-Level Documentation for the Household L1 Data File

To limit disclosure risk, unweighted frequencies smaller than 20 have been suppressed in the summary tables in this section, indicated by “*”. If a variable has only one category with a frequency smaller than 20, then both that category and the category with the next lowest frequency are suppressed.

Variable names and labels in the NSECE data files include multiple abbreviations of words and phrases. Because some statistical programs have character limits on the length of variable names and labels, the NSECE Team used abbreviations to make sure the most important information for each field is displayed and accessible to users. Users may refer to Exhibit 3.7 in the User’s Guide for a list of common variable and value label abbreviations used in the L1 data file. Perhaps the most common abbreviations in the household data file are “HHM,” which stands for household member, and “R,” which stands for respondent. For a detailed discussion of the two, users may refer to section 4.1 “Household Respondent” in the User’s Guide.

METHODOLOGICAL VARIABLES

This section includes the following variables:

Variable Name	Variable Label
HH9_METH_CASEID	8-digit ID beginning with 1
HH9_METH_FILEVERSION	Date when data file was last updated

HH9_METH_CASEID

Variable Label: 8-digit ID beginning with 1

Notes: HH9_METH_CASEID may be used to merge any variable in the Public-Use data file to the Restricted-Use data file.

Range of observed responses: 13000034 - 13199998

HH9_METH_FILEVERSION

Variable Label: Date when data file was last updated

Notes: This variable indicates the date when the Household L1 data file was last updated, in the following format: mm/dd/yy.

Observed value: 02/23/22

HOUSEHOLD DEMOGRAPHIC CHARACTERISTICS

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_B1O_1_YEAR_X	Year that HHM X first came to U.S.
L1_HH9_B1O_CNTRY_X	Country of birth of HHM X
L1_HH9_B1O_US_X	Country that HHM X was born in
L1_HH9_B2_LANGX_R	Language usually spoken in household
L1_HH9_MRACE1_1	R's race and ethnicity

L1_HH9_B1O_1_YEAR_X (X=1-9 HHM)

Variable Label: Year that HHM X first came to U.S.

Notes: This variable is a direct response to survey item B1O_1: In what year did you/HHM first come to the USA?

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	3,373
Mean	2,001.39
-4 (Don't Know/Refused): Frequency	304
Missing: Frequency	73,507

*Statistics are based on values across the nine loops of HHMs.

L1_HH9_B1O_CNTRY_X (X=1-9 HHM)**Variable Label:** Country of birth of HHM X**Notes:** This variable is a direct response to survey item B1O: In which country was [HHM name] born?**Codes, Response Categories, and Unweighted Frequencies in Data File**

Value	Label	Unweighted Frequencies
1	Don't Know/Refused	60
2	Afghanistan	23
3	Akrotiri	*
4	Albania	*
5	Algeria	*
6	American Samoa	*
7	Andorra	*
8	Angola	*
9	Anguilla	*
10	Antarctica	*
11	Antigua and Barbuda	*
12	Argentina	*
13	Armenia	*
14	Aruba	*
15	Ashmore and Cartier Islands	*
16	Australia	*
17	Austria	*
18	Azerbaijan	*
19	Bahamas	*
20	Bahrain	*
21	Bangladesh	23
22	Barbados	*
23	Bassas da India	*
24	Belarus	*
25	Belgium	*
26	Belize	*
27	Benin	*
28	Bermuda	*

Value	Label	Unweighted Frequencies
29	Bhutan	*
30	Bolivia	*
31	Bosnia and Herzegovina	*
32	Botswana	*
33	Bouvet Island	*
34	Brazil	51
35	British Indian Ocean Territory	*
36	British Virgin Islands	*
37	Brunei	*
38	Bulgaria	*
39	Burkina Faso	*
40	Burma	*
41	Burundi	*
42	Cambodia	*
43	Cameroon	*
44	Canada	25
45	Cape Verde	*
46	Cayman Islands	*
47	Central African Republic	*
48	Chad	*
49	Chile	*
50	China	47
51	Christmas Island	*
52	Clipperton Island	*
53	Cocos (Keeling) Islands	*
54	Colombia	42
55	Comoros	*
56	Congo	*
57	Cook Islands	*
58	Coral Sea Islands	*
59	Costa Rica	*
60	Cote d'Ivoire	*
61	Croatia	*
62	Cuba	60
63	Cyprus	*
64	Czech Republic	*

Value	Label	Unweighted Frequencies
65	Denmark	*
66	Dhekelia	*
67	Djibouti	*
68	Dominica	*
69	Dominican Republic	110
70	Ecuador	35
71	Egypt	*
72	El Salvador	212
73	Equatorial Guinea	*
74	Eritrea	*
75	Estonia	*
76	Ethiopia	33
77	Europa Island	*
78	Falkland Islands (Islas Malvinas)	*
79	Faroe Islands	*
80	Fiji	*
81	Finland	*
82	France	*
83	French Guiana	*
84	French Polynesia	*
85	French Southern and Antarctic Lands	*
86	Gabon	*
87	Gambia	*
88	Gaza Strip	*
89	Georgia	*
90	Germany	34
91	Ghana	*
92	Gibraltar	*
93	Glorioso Islands	*
94	Greece	*
95	Greenland	*
96	Grenada	*
97	Guadeloupe	*
98	Guam	*
99	Guatemala	110
100	Guernsey	*

Value	Label	Unweighted Frequencies
101	Guinea	*
102	Guinea-Bissau	*
103	Guyana	*
104	Haiti	84
105	Heard Island and McDonald Islands	*
106	Holy See (Vatican City)	*
107	Honduras	120
108	Hong Kong	*
109	Hungary	*
110	Iceland	*
111	India	149
112	Indonesia	*
113	Iran	*
114	Iraq	28
115	Ireland	*
116	Isle of Man	*
117	Israel	*
118	Italy	*
119	Jamaica	38
120	Jan Mayen	*
121	Japan	*
122	Jersey	*
123	Jordan	*
124	Juan de Nova Island	*
125	Kazakhstan	*
126	Kenya	*
127	Kiribati	*
128	North Korea	*
129	South Korea	32
130	Kuwait	*
131	Kyrgyzstan	*
132	Laos	22
133	Latvia	*
134	Lebanon	*
135	Lesotho	*
136	Liberia	*

Value	Label	Unweighted Frequencies
137	Libya	*
138	Liechtenstein	*
139	Lithuania	*
140	Luxembourg	*
141	Macau	*
142	Macedonia	*
143	Madagascar	*
144	Malawi	*
145	Malaysia	*
146	Maldives	*
147	Mali	*
148	Malta	*
149	Marshall Islands	*
150	Martinique	*
151	Mauritania	*
152	Mauritius	*
153	Mayotte	*
154	Mexico	1,407
155	Micronesia, Federated States of	*
156	Moldova	*
157	Monaco	*
158	Mongolia	*
159	Montserrat	*
160	Morocco	*
161	Mozambique	*
162	Namibia	*
163	Nauru	*
164	Navassa Island	*
165	Nepal	*
166	Netherlands	*
167	Netherlands Antilles	*
168	New Caledonia	*
169	New Zealand	*
170	Nicaragua	22
171	Niger	*
172	Nigeria	26

Value	Label	Unweighted Frequencies
173	Niue	*
174	Norfolk Island	*
175	Northern Mariana Islands	*
176	Norway	*
177	Oman	*
178	Pakistan	23
179	Palau	*
180	Panama	*
181	Papua New Guinea	*
182	Paracel Islands	*
183	Paraguay	*
184	Peru	22
185	Philippines	74
186	Pitcairn Islands	*
187	Poland	*
188	Portugal	*
189	Puerto Rico	34
190	Qatar	*
191	Reunion	*
192	Romania	*
193	Russia	23
194	Rwanda	*
195	Saint Helena	*
196	Saint Kitts and Nevis	*
197	Saint Lucia	*
198	Saint Pierre and Miquelon	*
199	Saint Vincent and the Grenadines	*
200	Samoa	*
201	San Marino	*
202	Sao Tome and Principe	*
203	Saudi Arabia	*
204	Senegal	*
205	Serbia and Montenegro	*
206	Seychelles	*
207	Sierra Leone	*
208	Singapore	*

Value	Label	Unweighted Frequencies
209	Slovakia	*
210	Slovenia	*
211	Solomon Islands	*
212	Somalia	*
213	South Africa	*
214	South Georgia and the South Sandwich Islands	*
215	Spain	*
216	Spratly Islands	*
217	Sri Lanka	*
218	Sudan	*
219	Suriname	*
220	Svalbard	*
221	Swaziland	*
222	Sweden	*
223	Switzerland	*
224	Syria	*
225	Taiwan	*
226	Tajikistan	*
227	Tanzania	*
228	Thailand	*
229	Timor-Leste	*
230	Togo	*
231	Tokelau	*
232	Tonga	*
233	Trinidad and Tobago	*
234	Tromelin Island	*
235	Tunisia	*
236	Turkey	*
237	Turkmenistan	*
238	Turks and Caicos Islands	*
239	Tuvalu	*
240	Uganda	*
241	Ukraine	21
242	United Arab Emirates	*
243	United Kingdom	*
244	United States	*

Value	Label	Unweighted Frequencies
245	Uruguay	*
246	Uzbekistan	*
247	Vanuatu	*
248	Venezuela	35
249	Vietnam	46
250	Virgin Islands	*
251	Wake Island	*
252	Wallis and Futuna	*
253	West Bank	*
254	Western Sahara	*
255	Yemen	*
256	Zambia	*
257	Zimbabwe	*
.	Missing	73,507

*Count represents the sum of responses across the nine loops of HHMs.

L1_HH9_B1O_US_X (X=1-9 HHM)

Variable Label: Whether HHM X was born in U.S. or not

Notes: This variable captures whether HHM X was born in the U.S. or not.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	United States	10,239
2	Not in United States	3,677
3	Don't Know/Refused	46
.	Missing	63,222

*Count represents the sum of responses across the nine loops of HHMs.

L1_HH9_B2_LANGX_R (X=1-5 Languages spoken in household)**Variable Label:** Language usually spoken in household

Notes: This variable captures the languages that are spoken in the household (not based on just one individual). It was based on survey item B5: What language is usually spoken in this household? Check all that apply. Households could select up to 5 languages.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No other language provided	*
1	Arabic	55
2	Armenian	*
3	Chinese	50
4	English	7,373
5	French (including Patois, Cajun)	47
6	French creole	49
7	German	22
8	Greek	*
9	Guajarati	*
10	Hebrew	*
11	Hindi	25
12	Hungarian	*
13	Italian	*
14	Japanese	*
15	Korean	*
16	Laotian	*
17	Miao, Hmong	*
18	Mon-Khmer, Cambodian	*
19	Navajo	*
20	Persian	*
21	Polish	*
22	Portuguese or Portuguese Creole	46
23	Russian	27
24	Serbo-Croatian	*
25	Spanish or Spanish Creole	2,100
26	Tagalog	28

Value	Label	Unweighted Frequencies
27	Thai	*
28	Urdu	*
29	Vietnamese	*
30	Yiddish	*
31	Other	35
32	Dont Know/Refused	*
33	American Sign Language	20
34	Amharic	*
35	Albanian	*
36	Bengali	*
37	Bulgarian	*
38	Burmese	*
39	Cape Verdean	*
40	Chamorro	*
41	Chuukese	*
42	Creole	*
43	Czech	*
44	Creole	*
45	Dutch	*
46	Ethiopian	*
47	Fijian	*
48	African dialects	*
49	Igbo	*
50	Ilocano	*
51	Indian dialects	*
52	Indonesian	*
53	Moratai	*
54	Jamaican/Haitian Creole	*
55	Kannada	*
56	Karen	*
57	Kurdish	*
58	Lakota	*
59	Latvian	*
60	Mixteco	*
61	Nepali	*
62	Mongolian	*

Value	Label	Unweighted Frequencies
63	Norwegian	*
64	Oromo	*
65	Pashto	*
66	Punjabi	*
67	Romanian	*
68	Samoan	*
69	Somali	*
70	Swahili	*
71	Tamil	*
72	Telugu	*
73	Tigrinya	*
74	Turkish	*
75	Twi	*
76	Ukrainian	*
77	Visyan/Cebuano/Bisaya	*
78	Yoruba	*
79	Malayalam	*
80	Pennsylvanian Dutch	*
81	Tongan	*
82	Nahuatl	*
83	Hawaiian	*
84	Mandinka	*
85	Finnish	*
86	Pidgin	*
87	Sesotho	*
.	Missing	32,683

*Count represents the sum of responses across the five languages.

L1_HH9_MRACE1_1**Variable Label:** R's race and ethnicity

Notes: This variable captures the race and ethnicity of the respondent. This variable combines survey items B1m and B1n.

Those coded as “Missing” for this variable had information for race but did not have information for ethnicity. Those coded as “Not Applicable” for this variable did not have any information for either ethnicity or race, or ethnicity was coded as Non-Hispanic or Latino but race information was not known.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Single race: Non-Hispanic or Latino, White	3,604
2	Single race: Non-Hispanic or Latino, Black or African American	1,316
3	Single race: Non-Hispanic or Latino, Asian	318
4	Single race: Non-Hispanic or Latino, Native Hawaiian and Other Pacific Islander	60
5	Single race: Non-Hispanic or Latino, American Indian or Alaska Native	80
6	Single race: Non-Hispanic or Latino, some other race	117
7	Non-Hispanic or Latino, two or more races	179
8	Hispanic or Latino origin (any race or race not reported)	2,782
9	Missing (if Hispanic or Latino origin is not known)	53
-2	Not applicable	67

HOUSEHOLD INCOME

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_ANNUAL_INCOME_ADJ	Annual income for the calendar year 2018 adjusted to before tax levels
L1_HH9_ANNUAL_INCOME_IMP	Annual income for the calendar year 2018 with missing values imputed
L1_HH9_ANNUAL_INCOME_RAW	Annual income for the calendar year 2018
L1_HH9_G3_INCOME_MONTHLY	Monthly income before tax
L1_HH9_G4C_OTHINCOME	Whether any 2018 total HH income was from sources other than job earnings
L1_HH9_G4D_OTHAMOUNT	Amount of 2018 total HH income from sources other than job earnings
L1_HH9_G4E_ESTINCOME	Estimated non-job HH earnings in 2018
L1_HH9_POV_RATIO	Ratio of annual income for the calendar year 2018 to poverty level

L1_HH9_ANNUAL_INCOME_ADJ

Variable Label: Annual income for the calendar year 2018 adjusted to before tax levels

Notes: This variable captures the household's annual income for the calendar year 2018 adjusted to before tax levels. Annual income as reported in L1_HH9_ANNUAL_INCOME_IMP, which includes both reported and imputed values, was adjusted to before tax levels using adjustment factors that take into account before/after tax reporting.

This variable is the restricted-use version of HH9_ECON_INCOME_ANNUAL. Please see the notes to HH9_ECON_INCOME_ANNUAL in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	64,902.96
Missing: Frequency	0

L1_HH9_ANNUAL_INCOME_IMP

Variable Label: Annual income for the calendar year 2018 with missing values imputed

Notes: This variable captures the household's annual income for the calendar year 2018 with missing values imputed. Missing observations were imputed using linear regression with regularization.

This variable is the restricted-use version of HH9_ANNUAL_INCOME_IMP_TC. Please see the notes to HH9_ANNUAL_INCOME_IMP_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	57,180.25
Missing: Frequency	0

L1_HH9_ANNUAL_INCOME_RAW

Variable Label: Annual income for the calendar year 2018

Notes: This variable captures the household's annual income for the calendar year 2018. 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.

This variable is the restricted-use version of HH9_ANNUAL_INCOME_RAW_TC. Please see the notes to HH9_ANNUAL_INCOME_RAW_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	7,821
Mean	58,935.33
-1 (Don't Know/Refused): Frequency	755
Missing: Frequency	0

L1_HH9_G3_INCOME_MONTHLY

Variable Label: Monthly income before tax

Notes: This variable captures the household's total monthly income before tax. This measure of income combines exact and categorical reports of monthly income. The variable underwent imputation.

This variable is the restricted-use version of HH9_ECON_INCOME_MONTHLY. Please see the notes to HH9_ECON_INCOME_MONTHLY in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	6,224.92
Missing: Frequency	0

L1_HH9_G4C_OTHINCOME

Variable Label: Whether any 2018 total HH income was from sources other than job earnings

Notes: This variable is a direct response to survey item G4c: Again, thinking about the 2018 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?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Yes	1,354
2	No	6,900
3	Don't Know/Refused	315
.	Missing	7

L1_HH9_G4D_OTHAMOUNT

Variable Label: Amount of 2018 total HH income from sources other than job earnings

Notes: This variable is a direct response to survey item G4d: How much of your 2018 total household income was from sources other than job earnings?

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	1,145
Mean	11,892.22
-4 (Don't Know/Refused): Frequency	209
Missing: Frequency	7,222

L1_HH9_G4E_ESTINCOME**Variable Label:** Estimated non-job HH earnings in 2018**Notes:** This variable is a direct response to survey item G4e: You may not be able to give us an exact figure for, but were non-job household earnings in 2018...**Codes, Response Categories, and Unweighted Frequencies in Data File**

Value	Label	Unweighted Frequencies
1	Less than \$2,500	48
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	Don't Know/Refused	71
.	Missing	8,367

L1_HH9_POV_RATIO

Variable Label: Ratio of annual income for the calendar year 2018 to poverty level

Notes: This variable captures the total household income for calendar year 2018 divided by the poverty threshold for a household of given size with a given number of related children. In 2018, the federal poverty level was \$20,231 a year for a family of three with two children (more detail is available at <https://www.census.gov/hhes/www/poverty/data/threshld/index.htm>).

Note that household size is based on the number of individuals related to the respondent (HH9_RELATED) rather than the total number of individuals in the household, regardless of whether or not they are related to the respondent (HH9_HHCOMP_MEMBERS).

This variable is the restricted-use version of HH9_POV_RATIO_TC. Please see the notes to HH9_POV_RATIO_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	2.63
Missing: Frequency	0

OTHER HOUSEHOLD ECONOMIC INDICATORS

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_D2_OCC_CODE_X	Occupation code for Respondent/spouse
L1_HH9_D2A_IND_CODE_X	Industry code for Respondent/spouse
L1_HH9_D2_COMMUTE_X	Time taken in minutes for one-way commute for HHM X
L1_HH9_D2_TRANS_X	How HHM X usually gets to work
L1_HH9_D5A_OCC_CODE_X	Occupation code for Respondent/spouse's last job
L1_HH9_G10_INSURE_17_R	Type of [Selected child]'s health insurance: Indian Health Services

L1_HH9_D2_OCC_CODE_X (X=1-2 Respondent and respondent's spouse)**Variable Label:** Occupation code for Respondent/spouse

Notes: These variables capture the occupation code for the respondent and the respondent's spouse. It was based on survey item D2: What kind of work (do you/does he/she) do?

Occupation was collected for the respondent and the respondent's spouse in D2. If an individual was identified as a partner (not legally married), occupation and industry were not collected. These responses were coded using the 2018 Census Occupation Codes based on the 2018 Standard Occupational Classification (SOC). Users may need to add one or more leading zeroes to some values in order to properly match them with the 4-digit Census codes and definitions.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,888
-4 (Don't Know/Refused): Frequency	247
-8 (R/R's spouse did not work last week): Frequency	4,256
-9 (No Spouse in HH): Frequency	3,761
Missing: Frequency	0

*Count represents the sum of responses across the two loops of respondent and spouse.

L1_HH9_D2A_IND_CODE_X (X=1-2 Respondent and respondent's spouse)**Variable Label:** Industry code for Respondent/spouse

Notes: This variable captures the industry code for the respondent and the respondent's spouse. It was based on survey item D2A: What kind of business is that?

Industry was collected for the respondent and respondent's spouse in D2A. If an individual was identified as a partner, occupation and industry were not collected. These responses were coded using the 2017 Census Industry Codes based on the North American Industry Classification System (NAICS). Users may need to add a leading zero to some values in order to properly match them with the 4-digit Census codes and definitions.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,760
-4 (Don't Know/Refused): Frequency	375
-8 (R/R's spouse did not work last week): Frequency	4,256
-9 (No Spouse in HH): Frequency	3,761
Missing: Frequency	0

*Count represents the sum of responses across the two loops of respondent and spouse.

L1_HH9_D2_COMMUTE_X (X=1-9 HHM)

Variable Label: Time taken in minutes for one-way commute for HHM X

Notes: This variable is a direct response to survey item D2_COMMUTE: On average, how long does it take (you/him/her) to make the trip to or from work? IF NECESSARY: Your best guess is fine.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	6,255
Mean	24.29
-4 (Don't Know/Refused): Frequency	30
Missing: Frequency	70,899

*Statistics are based on values across the nine HHMs.

L1_HH9_D2_TRANS_X (X=1-9 HHM)

Variable Label: How HHM X usually gets to work

Notes: This variable is a direct response to survey item D2: How (do you/ does he/she) usually get to work?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Car	5,800
2	Public transportation	216
3	Bicycle	*
4	Taxi or carpool	60
5	Walking	131
6	Varies/Other method	56
7	Don't Know/Refused	*
.	Missing	70,899

*Count represents the sum of responses across the nine loops of HHMs.

L1_HH9_D5A_OCC_CODE_X (X=1-2 Respondent and respondent's spouse)

Variable Label: Occupation code for Respondent/spouse's last job

Notes: This variable captures the occupation code for the respondent and respondent spouse's last job.

Occupation was collected for the respondent and the respondent's spouse in D5A. If an individual was identified as a partner, occupation and industry were not collected. If the respondent /respondent spouse worked for pay last week they skipped the question. These responses were coded in using the 2018 Census Occupation Codes based on the 2018 Standard Occupational Classification (SOC). Users may need to add one or more leading zeroes to some values in order to properly match them with the 4-digit Census codes and definitions.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	3,015
-2 (R/R's spouse did work last week): Frequency	9,135
-4 (Don't Know/Refused): Frequency	0
-5 (R/R's spouse has never worked): Frequency	1,241
-9 (No Spouse in HH): Frequency	3,761
Missing: Frequency	0

*Count represents the sum of responses across the two loops of respondent and spouse.

L1_HH9_G10_INSURE_17_R

Variable Label: Type of [Selected child]’s health insurance: Indian Health Services

Notes: This variable is a direct response to survey item G10: What kind of health insurance or health care coverage does [SELECTED CHILD NAME] have? Added: Indian Health Services.

Please note the other types of health insurance are variables in the public-use household data file.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	8,376
1	Yes	*
-1	Don’t Know/Refused/No Answer	*

CHARACTERISTICS OF PROVIDERS

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_C1B_TRANSPORT_Y	Transportation R's child/children usually use to get to Provider Y
L1_HH9_C1C_ACCOMP_Y	Who took R's child/children to Provider Y
L1_HH9_PROVADDDTYPE11_Y	Provider Y's address has a Before/After-school provider
L1_HH9_PROVADDDTYPE12_Y	Provider Y's address classified as a listed home-based provider location
L1_HH9_PROVADDDTYPE13_Y	Provider Y's address has a Head Start provider
L1_HH9_PROVADDDTYPE14_Y	Provider Y's address has a Pre-K provider
L1_HH9_PROVADDDTYPE15_Y	Provider Y's address has a Head Start/Pre-K provider
L1_HH9_PROVADDDTYPE16_Y	Provider Y's address has a K-8 School provider
L1_HH9_PROVADDDTYPE17_Y	Provider Y's address has a provider from a state licensing list
L1_HH9_PROVMDFILETYPE10_Y	Provider Y's address has a Catholic School
L1_HH9_PROVMDFILETYPE7_Y	Provider Y's address has a public school
L1_HH9_PROVMDFILETYPE9_Y	Provider Y's address has a private non-Catholic school

L1_HH9_C1B_TRANSPORT_Y (Y=1-14 Providers)

Variable Label: Transportation R's child/children usually use to get to Provider Y

Notes: This variable is a direct response to survey item C1B: How did your child/children usually get to [PROVIDER] last week?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Walking or bicycle	896
2	Car	5,229
3	Public transportation	91
4	School bus	2,011
5	Other	230
6	Don't Know/Refused	48
.	Missing	111,559

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_C1C_ACCOMP_Y (Y=1-14 Providers)**Variable Label:** Who took R's child/children to Provider Y**Notes:** This variable is a direct response to survey item C1C: Who usually took your child/children there?**Codes, Response Categories, and Unweighted Frequencies in Data File**

Value	Label	Unweighted Frequencies
1	HHM 1	4,260
2	HHM 2	1,255
3	HHM 3	156
4	HHM 4	46
5	HHM 5	21
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	Provider 1	758
17	Provider 2	635
18	Provider 3	296
19	Provider 4	122
20	Provider 5	67
21	Provider 6	22
22	Provider 7	*
23	Provider 8	*
24	Provider 9	*
25	Provider 10	*
26	Provider 11	*
27	Provider 12	*
28	Provider 13	*

Value	Label	Unweighted Frequencies
29	Provider 14	*
30	Provider 15	*
31	Child himself/herself	696
32	Don't Know/Refused	146
.	Missing	111,559

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE11_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a Before/After-school provider

Notes: This variable captures if Provider Y's address was found on an administrative list of before/after-school providers.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Before/After-school provider not known to exist at address	6,922
1	Before/After-school provider exists at address	31
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE12_Y (Y=1-14 Providers)

Variable Label: Provider Y's address classified as a listed home-based provider location

Notes: This variable captures if Provider Y's address was classified as a listed home-based provider location in the NSECE sampling frame. Each unique location in the sampling frame is categorized as either a location with a center-based provider, or one with a listed home-based provider, based on information obtained from administrative lists of providers.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Address not classified as a listed home-based provider location	6,798
1	Address classified as a listed home-based provider location	155
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE13_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a Head Start provider

Notes: This variable captures if Provider Y's address was found on an administrative list of providers from the Office of Head Start.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Head Start provider not known to exist at address	6,187
1	Head Start provider exists at address	766
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE14_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a Pre-K provider

Notes: This variable captures if Provider Y's address was found on administrative lists of Public Pre-K providers obtained from state agencies.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Pre-K provider not known to exist at address	5,005
1	Pre-K provider exists at address	1,948
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE15_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a Head Start/Pre-K provider

Notes: This variable captures if Provider Y's address was found on an administrative list of Head Start providers or an administrative list of Public Pre-K providers (or either).

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Head Start/Pre-K provider not known to exist at address	4,512
1	Head Start/Pre-K provider exists at address	2,441
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE16_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a K-8 School provider

Notes: This variable captures if Provider Y's address was found on a list of schools offering any of grades K-8.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	K-8 school not known to exist at address	1,529
1	K-8 school exists at address	5,424
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVADDTYPE17_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a provider from a state licensing list

Notes: This variable captures if Provider Y's address was found on administrative lists of providers obtained from state child care licensing agencies.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Provider from state-licensing lists not known to exist at address	2,907
1	Provider from state-licensing lists exists at address	4,046
-1	Skip C5-C9 or additional provider types unknown	2,898
-2	Not defined if ADDRESSID missing	5,265
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVMDFILETYPE10_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a Catholic School

Notes: This variable captures if Provider Y was found on a list of Catholic K-8 school addresses obtained from a commercial data vendor.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Provider not colocated with a Catholic school	6,358
1	Provider colocated with a Catholic school	131
-1	Skip C5-C9 or additional provider types unknown	2,897
-2	Not defined if ADDRESSID missing	5,265
-3	Provider not in MDR file	465
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVMDFILETYPE7_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a public school

Notes: This variable captures if Provider Y was found on a list of public K-8 school addresses obtained from a commercial data vendor.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Provider not colocated with a public school	1,564
1	Provider colocated with a public school	4,925
-1	Skip C5-C9 or additional provider types unknown	2,897
-2	Not defined if ADDRESSID missing	5,265
-3	Provider not in MDR file	465
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

L1_HH9_PROVMDFILETYPE9_Y (Y=1-14 Providers)

Variable Label: Provider Y's address has a private non-Catholic school

Notes: This variable captures if Provider Y was found on a list of private K-8 school addresses obtained from a commercial data vendor.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	Provider not colocated with a private school	6,295
1	Provider colocated with a private school	194
-1	Skip C5-C9 or additional provider types unknown	2,897
-2	Not defined if ADDRESSID missing	5,265
-3	Provider not in MDR file	465
-9	No Provider Y	104,948

*Count represents the sum of responses across the fourteen loops of providers.

COST OF NON-PARENTAL CARE

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_J6_SLIDING_X_Y	Payments made for Child X to Provider Y made on a sliding scale
L1_HH9_J8A_LOSESPOT_X_Y	R had to provide proof of employment to enroll Child X with Provider Y
L1_HH9_J8B_WRKCCDF_X_Y	R received help from child care subsidy program to pay Provider Y for Child X
L1_HH9_J9_1_PAY_X_Y	Who makes direct payments/reimbursements to R for Child X's care with Provider Y
L1_HH9_PAID_BY_COMMREL_X_Y	Source of payment to Provider Y for Child X is a community/religious group
L1_HH9_PAID_BY_DKREF_X_Y	Source of payment to Provider Y for Child X is not known or refused
L1_HH9_PAID_BY_EMPLOYER_X_Y	Source of payment to Provider Y for Child X is an employer
L1_HH9_PAID_BY_FAMILY_X_Y	Source of payment to Provider Y for Child X is a family member or friend
L1_HH9_PAID_BY_NONRESPAR_X_Y	Source of payment to Provider Y for Child X is a non-resident parent
L1_HH9_PAID_BY_OTHER_X_Y	Source of payment to Provider Y for Child X is other
L1_HH9_PAID_BY_WELFARE_X_Y	Source of payment to Provider Y for Child X is welfare/employment services
L1_HH9_F9E_COST_X	Provider X that R considered: Amount it would have cost
L1_HH9_F9F_UNIT_X_R	Provider X that R considered: Amount it would have cost, unit
L1_HH9_F9J_TRAVEL_X	Provider X that R considered: Minutes in travel to take [SELECTED CHILD]
L1_HH9_WEEKLY_COST_CARE_X_Y	Weekly amnt paid to Prov Y by HH for Child X's care
L1_HH9_WEEKLY_COST_NEG_X_Y	Weekly amnt paid to Prov Y by HH for Child X's care only for negative values
L1_HH9_WEEKLY_PAYMENT_X_Y	Payments paid to Provider Y by household for care of Child X
L1_HH9_WEEKLY_COST_CARE_X	Weekly amnt paid to provider by HH for Child X's care, child-level

Variable Name	Variable Label
L1_HH9_WEEKLY_COST_NEG_X	Weekly amnt paid to prov by HH for Child X's care only neg values, child-level
L1_HH9_WEEKLY_PAYMENT_X	Payments paid to provider by household for care of Child X, child-level
L1_HH9_NPC_COST_BURDEN_MONTH	Monthly cost burden for the household for regular ECE
L1_HH9_NPC_COST_NEG_WEEKLY	Weekly cost of care for HH only for negative values
L1_HH9_NPC_COST_WEEKLY	Weekly cost of care for HH

L1_HH9_J6_SLIDING_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Payments made for Child X to Provider Y made on a sliding scale

Notes: This variable is a direct response to survey item J6: 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 pay to [PROVIDER] determined by how much money you earn?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Yes	262
2	No	1,000
-1	Don't Know/Refused	4,471
-2	Ineligible for Section J	9,455
-4	Valid skip	3,817
-6	Provider does not care for child	12,391
-7	Provider but No Child	104,648
-8	Child but No Provider	192,338
-9	No Child, No Provider	752,194

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_J8A_LOESPOT_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: R had to provide proof of employment to enroll Child X with Provider Y

Notes: This variable is a direct response to survey item J8: Did you have to provide any proof that you were employed, in school, in training or searching for work in order to enroll your child with this provider?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Yes	515
2	No	1,661
-1	Don't Know/Refused	4,489
-2	Ineligible for Section J	9,455
-4	Valid skip	2,885
-6	Provider does not care for child	12,391
-7	Provider but No Child	104,648
-8	Child but No Provider	192,338
-9	No Child, No Provider	752,194

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_J8B_WRKCCDF_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: R received help from child care subsidy program to pay Provider Y for Child X

Notes: This variable is a direct response to survey item J8B: As far as you know, do you receive any help from a child care subsidy program such as [STATE CCDF PGM] to pay [PROVIDER] for your child's care?

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Yes	272
2	No	1,810
-1	Don't Know/Refused	4,583
-2	Ineligible for Section J	9,455
-4	Valid skip	2,885
-6	Provider does not care for child	12,391
-7	Provider but No Child	104,648
-8	Child but No Provider	192,338
-9	No Child, No Provider	752,194

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_J9_1_PAY_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Who makes direct payments/reimbursements to R for Child X's care with Provider Y

Notes: This variable is a direct response to survey item J9_1: Who makes these payments or reimbursements that are paid directly to you? (If more than one, please select the payer covering the highest amount).

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
6	An Employer	33
7	Other	*
8	A government agency such as for welfare/employment services/child development	*
9	A non-government organization such as a community group/religious institution	*
10	The child's parent who lives outside of this household	*
11	Other family or friend	*
-1	Don't Know/Refused	552
-2	Ineligible for Section J	9,455
-4	Valid skip	8,909
-6	Provider does not care for child	12,391
-7	Provider but No Child	104,648
-8	Child but No Provider	192,338
-9	No Child, No Provider	752,194

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_COMMREL_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is a community/religious group

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if a non-government organization such as a community group or a religious institution pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	720
1	Yes	52
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_DKREF_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is not known or refused

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if the respondent did not know or refused to say who pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	747
1	Yes	25
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_EMPLOYER_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is an employer

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if an employer pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	*
1	Yes	*
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_FAMILY_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is a family member or friend

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if a family member or friend pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	749
1	Yes	23
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_NONRESPAR_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is a non-resident parent

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if a non-resident parent pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	723
1	Yes	49
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_OTHER_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is other

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if another entity pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	708
1	Yes	64
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_PAID_BY_WELFARE_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Source of payment to Provider Y for Child X is govt agency

Notes: This variable is a direct response to survey item J4_E3: Who pays them (the child care provider)? This variable captures if a government agency such as for welfare, employment services or child development pays Provider Y for their care of Child X.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
0	No	198
1	Yes	574
.	Missing	1,079,804

*Count represents the sum of responses across the nine loops of children and fourteen loops of providers.

L1_HH9_F9E_COST_X (X=1-2 Providers)

Variable Label: Provider X that R considered: Amount it would have cost

Notes: This variable is a direct response to survey item F9e: How much would it have cost you to have that provider care for [SELECTED CHILD NAME]?

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,470
Mean	501.84
-4 (Don't Know/Refused): Frequency	481
Missing: Frequency	14,201

*Statistics are based on values across the two loops of providers.

L1_HH9_F9F_UNIT_X_R (X=1-2 Providers)

Variable Label: Provider X that R considered: Amount it would have cost, unit

Notes: This variable is a direct response to survey item F9f: Is that per...

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Hour	135
2	Day	201
3	Week	1,022
4	Month	769
5	Other	*
6	Don't Know/Refused	*
7	Added: Year	30
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 (specific number)	*
14	Added: For X # hours (specific number)	*
15	Added: For X # months (specific number)	*
16	Added: For X # days (specific number)	*
17	Added: For X # classes (specific number)	*
18	Added: One time fee/registration fee	*
19	Added: Season/occasion	*
20	Added: Whole program/total costs	*
21	Added: Not monetary payment	*
.	Missing	14,953

*Count represents the sum of responses across the two loops of providers.

L1_HH9_F9J_TRAVEL_X (X=1-2 Providers)

Variable Label: Provider X that R considered: Minutes in travel to take [SELECTED CHILD]

Notes: This variable is a direct response to survey item F9j: How many minutes would it take in travel time for you or some one else to take [SELECTED CHILD NAME] to that provider?

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,780
Mean	14.50
-4 (Don't Know/Refused): Frequency	170
Missing: Frequency	14,202

*Statistics are based on values across the two loops of providers.

L1_HH9_WEEKLY_COST_CARE_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Weekly amnt paid to Prov Y by HH for Child X's care

Notes: This variable captures the weekly amount paid to Provider Y by the household for care of Child X. Numeric value: Weekly cost of care in dollars (with two decimal places). Includes amounts reported as direct charges, copayments and subsidies. Positive amounts only.

This variable is the restricted-use version of HH9_WEEKLY_COST_CARE_TC_X_Y. Please see the notes to HH9_WEEKLY_COST_CARE_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

For negative cost of care, please refer to variable
L1_HH9_WEEKLY_COST_NEG_X_Y.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,546
Mean	107.41
0 (Free care or no cost to HHMs): Frequency	6,221
-1 (No amount available because R didn't know/refused or missing responses): Frequency	774
-2 (Ineligible for Section J): Frequency	9,455
-3 (Value is out of range): Frequency	9
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No Child, No Provider): Frequency	752,194
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

L1_HH9_WEEKLY_COST_NEG_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Weekly amnt paid to Prov Y by HH for Child X's care only for negative values

Notes: This variable captures the weekly amount paid to Provider Y by the household for care of Child X, only for negative values. It was calculated using amounts reported as direct charges and subsidies.

This variable contains the absolute value of the negative values of cost of care. For instance, if weekly cost of care is -10 for a particular child-provider pair, then HH9_WEEKLY_COST_CARE_NEG_X_Y will have a value of 10 and HH9_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 HH9_WEEKLY_COST_CARE_X_Y, then, they would have a value of -3 (Value is out of range) in HH9_WEEKLY_COST_CARE_NEG_X_Y.

Numeric value: Weekly cost of care in dollars for negative values (with two decimal places). Includes amounts reported as direct charges and subsidies. Absolute value for negative amounts only.

For positive cost of care, please refer to variable L1_HH9_WEEKLY_COST_X_Y.

Users may construct a variable of all costs by combining L1_HH9_WEEKLY_COST_CARE_X_Y and L1_HH9_WEEKLY_COST_NEG_X_Y (multiplied by -1).

This variable is the restricted-use version of HH9_WEEKLY_COST_CARE_NEG_TC_X_Y. Please see the notes to HH9_WEEKLY_COST_CARE_NEG_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	9
Mean	152.44
0 (Free care or no cost to HHMs): Frequency	0
-1 (No amount available because R didn't know/refused or missing responses): Frequency	774
-2 (Ineligible for Section J): Frequency	9,455

Statistic	Unweighted Values
-3 (Value is out of range): Frequency	8,767
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No Child, No Provider): Frequency	752,194
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

L1_HH9_WEEKLY_PAYMENT_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Payments paid to Provider Y by household for care of Child X

Notes: This variable captures the payments paid to Provider Y by household for care of Child X. Numeric value: Direct charges paid by household member(s) to provider for Child X - Provider Y.

This variable is the restricted-use version of HH9_WEEKLY_PAYMENT_TC_X_Y. Please see the notes to HH9_WEEKLY_PAYMENT_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,560
Mean	108.46
0 (Free care or no cost to HHMs): Frequency	6,216
-1 (No amount available because R didn't know/refused or missing responses): Frequency	774
-2 (Ineligible for Section J): Frequency	9,455
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No Child, No Provider): Frequency	752,194
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

L1_HH9_WEEKLY_COST_CARE_X (X=1-9 Children)

Variable Label: Weekly amnt paid to provider by HH for Child X's care, child-level

Notes: This variable captures the weekly amount paid to Provider Y by the household for care of Child X, at the child-level. Numeric value: Weekly cost of care in dollars (with two decimal places). Includes amounts reported as direct charges, copayments and subsidies. Positive amounts only.

This variable is the child-level, restricted-use version of HH9_WEEKLY_COST_CARE_TC_X_Y. Please see the notes to HH9_WEEKLY_COST_CARE_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

For child-level, negative cost of care, please refer to variable L1_HH9_WEEKLY_COST_NEG_X.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	6,395
Mean	42.75
-1 (No amount available because R didn't know/refused or missing responses): Frequency	448
-2 (Ineligible for section J): Frequency	4,838
-3 (Value is out of range (value is negative)): Frequency	8
-8 (Child X has no providers): Frequency	4,292
-9 (No Child X in loop): Frequency	61,203
Missing: Frequency	0

*Statistics are based on values across the nine loops of children.

L1_HH9_WEEKLY_COST_NEG_X (X=1-9 Children)

Variable Label: Weekly amnt paid to prov by HH for Child X's care only neg values, child-level

Notes: This variable captures the weekly amount paid to Provider Y by the household for care of Child X, only for negative values, at the child-level. It was calculated using amounts reported as direct charges and subsidies.

This variable contains the absolute value of the negative values of cost of care.

Numeric value: Weekly cost of care in dollars for negative values (with two decimal places). Includes amounts reported as direct charges and subsidies. Absolute value for negative amounts only.

For positive, child-level cost of care, please refer to variable L1_HH9_WEEKLY_COST_X.

Users may construct a variable of all costs, at the child-level, by combining L1_HH9_WEEKLY_COST_CARE_X and L1_HH9_WEEKLY_COST_NEG_X (multiplied by -1).

This variable is the child-level, restricted-use version of HH9_WEEKLY_COST_CARE_NEG_TC_X_Y. Please see the notes to HH9_WEEKLY_COST_CARE_NEG_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8
Mean	164.93
-1 (No amount available because R didn't know/refused or missing responses): Frequency	448
-2 (Ineligible for section J): Frequency	4,838
-3 (Value is out of range (value is positive)): Frequency	6,395
-8 (Child X has no providers): Frequency	4,292
-9 (No Child X in loop): Frequency	61,203
Missing: Frequency	0

*Statistics are based on values across the nine loops of children.

L1_HH9_WEEKLY_PAYMENT_X (X=1-9 Children)

Variable Label: Payments paid to provider by household for care of Child X, child-level

Notes: This variable captures the payments paid to Provider Y by household for care of Child X, at the child-level. Numeric value: Direct charges paid by household member(s) to provider for Child X - Provider Y.

This variable is the child-level, restricted-use version of HH9_WEEKLY_PAYMENT_TC_X_Y. Please see the notes to HH9_WEEKLY_PAYMENT_TC_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	6,403
Mean	43.37
-1 (No amount available because R didn't know/refused or missing responses): Frequency	448
-2 (Ineligible for section J): Frequency	4,838
-3 (Value is out of range): Frequency	0
-8 (Child X has no providers): Frequency	4,292
-9 (No Child X in loop): Frequency	61,203
Missing: Frequency	0

*Statistics are based on values across the nine loops of children.

L1_HH9_NPC_COST_BURDEN_MONTH

Variable Label: Monthly cost burden for the household for regular ECE

Notes: This variable captures the monthly cost burden for the household for regular early care and education (ECE).

Cost burden is 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 a valid weekly cost of care value (L1_HH9_NPC_COST_WEEKLY), including households that had at least one regular ECE arrangement for a child under age 13 years and also households that only used parental care. Monthly cost of care was calculated as: weekly cost of regular ECE (L1_HH9_NPC_COST_WEEKLY)*4.2. For monthly income, see documentation for L1_HH9_G3_INCOME_MONTHLY.

Imputation was performed to adjust monthly income values by a multiple of 10 in some cases; see documentation for HH9_MONTHLY_INC_IMPFLAG_BURDEN in the 2019 NSECE Household User's Guide for details.

This variable is the restricted-use version of HH9_NPC_COST_BURDEN_MONTH_TC. Please see the notes to HH9_NPC_COST_BURDEN_MONTH_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	4,350
Mean	0.06
-2 (Monthly income is zero): Frequency	47
-3 (Household cost of care is don't know/missing/refused): Frequency	246
-4 (Household cost of care is a valid skip): Frequency	3,929
-6 (Value out of range (Negative Household Cost of Care Value)): Frequency	4
Missing: Frequency	0

L1_HH9_NPC_COST_NEG_WEEKLY

Variable Label: Weekly cost of care for HH only for negative values

Notes: This variable captures the negative values of weekly cost of care for the household in dollars (with 2 decimal places).

Weekly cost of care for each child and provider pair is the weekly direct charges minus any subsidy paid directly to the household. The variable represents the household's costs for all regular ECE arrangements for all children under age 13. Households where all ECE arrangements are not regular are assigned a reserved code (value -1). Households that only use parental care are assigned a cost of \$0. Unpaid regular ECE arrangements are assigned a cost of \$0.

In some cases, the subsidy amount was higher than the amount of direct charges, which gives rise to negative values. For positive cost of care, please refer to variable L1_HH9_NPC_COST_WEEKLY_TC.

These variables are constructed from the questions posed in Section J of the Household Questionnaire; based on child-provider pairs identified in Section C and internal pathing within Section J.

This variable is the restricted-use version of HH9_NPC_COST_NEG_WEEKLY_TC. Please see the notes to HH9_NPC_COST_NEG_WEEKLY_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	4
Mean	94.32
-1 (Missing due to missing or skipped data on child care arrangements in household): Frequency	4,175
-6 (Value out of range): Frequency	4,397
Missing: Frequency	0

L1_HH9_NPC_COST_WEEKLY**Variable Label:** Weekly cost of care for HH

Notes: This variable captures the weekly cost of care for the household in dollars (with two decimal places).

Weekly cost of care for each child and provider pair is the weekly direct charges minus any subsidy paid directly to the household. The variable represents the household's costs for all regular ECE arrangements for all children under age 13. Households where all ECE arrangements are not regular are assigned a reserved code (value -1). Households that only use parental care are assigned a cost of \$0. Unpaid regular ECE arrangements are assigned a cost of \$0.

In some cases, the subsidy amount was higher than the amount of direct charges, which gives rise to negative values. These negative values are contained in a separate variable called L1_HH9_NPC_COST_NEG_WEEKLY.

These variables are constructed from the questions posed in Section J of the Household Questionnaire; based on child-provider pairs identified in Section C and internal pathing within Section J.

This variable is the restricted-use version of HH9_NPC_COST_WEEKLY_TC. Please see the notes to HH9_NPC_COST_WEEKLY_TC in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	4,397
Mean	61.97
-1 (Missing due to missing or skipped data on child care arrangements in household): Frequency	4,175
-6 (Value out of range): Frequency	4
Missing: Frequency	0

DISTANCE VARIABLES

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_DIS_HHNONRESPAR_CC_X_Y	Distance between Child Y's home and non-residential Parent X, in miles
L1_HH9_DIS_HHNONRESPAR_S_CC_X_Y	Distance of fastest route in miles btwn Child Y's home & non-res Parent X
L1_HH9_DIS_HHNONRESPAR_T_CC_X_Y	Distance of fastest route in minutes btwn Child Y's home & non-res Parent X
L1_HH9_DIS_HHPROD_CC_Y	Distance between household and Provider Y, in miles
L1_HH9_DIS_HHPROD_S_CC_Y	Distance of fastest route in miles between household and Provider Y
L1_HH9_DIS_HHPROD_T_CC_Y	Distance of fastest route in minutes between household and Provider Y
L1_HH9_DIS_PROV_CH_CC_X_Y	Distance between Child X's home and Provider Y, in miles
L1_HH9_DIS_PROV_CH_S_CC_X_Y	Distance of fastest route in miles between Child X's home and Provider Y
L1_HH9_DIS_PROV_CH_T_CC_X_Y	Distance of fastest route in minutes btwn Child X's home and Provider Y

L1_HH9_DIS_HHNONRESPAR_CC_X_Y (X=1-2 Parents; Y=1-9 Children)

Variable Label: Distance between Child Y's home and non-residential Parent X, in miles

Notes: This variable captures the distance between Child Y's home and non-residential Parent X, in miles.

This variable is the restricted-use version of HH9_DIS_HHNONRESPAR_C_X_Y. Please see the notes to HH9_DIS_HHNONRESPAR_C_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,063
Mean	156.55
-9 (Household does not have any non-residential parents): Frequency	152,152
-999 (No geocoding information, distance could not be calculated): Frequency	153
Missing: Frequency	0

*Statistics are based on values across the two loops of non-resident parents and nine loops of children.

L1_HH9_DIS_HHNONRESPAR_S_CC_X_Y (X=1-2 Parents; Y=1-9 Children)

Variable Label: Distance of fastest route in miles btwn Child Y's home & non-res Parent X

Notes: This variable captures the distance of the fastest travel route in miles (i.e. street distance) between Child Y's home and non-residential Parent X.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,054
Mean	182.74
-9 (Household does not have any non-residential parents): Frequency	152,152
-999 (No geocoding information, distance could not be calculated): Frequency	162
Missing: Frequency	0

*Statistics are based on values across the two loops of non-resident parents and nine loops of children.

L1_HH9_DIS_HHNONRESPAR_T_CC_X_Y (X=1-2 Parents; Y=1-9 Children)

Variable Label: Distance of fastest route in minutes btwn Child Y's home & non-res Parent X

Notes: This variable captures the distance of the fastest travel route in minutes between Child Y's home and non-residential Parent X.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	2,054
Mean	198.15
-9 (Household does not have any non-residential parents): Frequency	152,152
-999 (No geocoding information, distance could not be calculated): Frequency	162
Missing: Frequency	0

*Statistics are based on values across the two loops of non-resident parents and nine loops of children.

L1_HH9_DIS_HHPROD_CC_Y (Y=1-14 Providers)

Variable Label: Distance between household and Provider Y, in miles

Notes: This variable captures the distance between the household and Provider Y, in miles.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for children in the household. Reserve code -9 was assigned if either (1) there was no provider in the loop, or (2) there was a non-resident parent in the loop who was not a provider.

This variable is the restricted-use version of HH9_DIS_HHPROD_C_X. Please see the notes to HH9_DIS_HHPROD_C_X in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	13,517
Mean	14.97
-9 (No Provider Y): Frequency	105,123
-11 (No geocoding information, distance could not be calculated): Frequency	152
-999 (No geocoding information, distance could not be calculated): Frequency	1,272
Missing: Frequency	0

*Statistics are based on values across the fourteen loops of providers.

L1_HH9_DIS_HHPROD_S_CC_Y (Y=1-14 Providers)

Variable Label: Distance of fastest route in miles between household and Provider Y

Notes: This variable captures the distance of the fastest possible route between the household and Provider Y, in miles.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for children in the household.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	13,514
Mean	18.30
-9 (No Provider Y): Frequency	105,123
-11 (Non-resident parent provider address could not be identified): Frequency	152
-999 (No geocoding information, distance could not be calculated): Frequency	1,275
Missing: Frequency	0

*Statistics are based on values across the fourteen loops of providers.

L1_HH9_DIS_HHPROD_T_CC_Y (Y=1-14 Providers)

Variable Label: Distance of fastest route in minutes between household and Provider Y

Notes: This variable captures the distance of the fastest travel route in minutes between the household and Provider Y.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for children in the household.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	13,514
Mean	22.25
-9 (No Provider Y): Frequency	105,123
-11 (Non-resident parent provider address could not be identified): Frequency	152
-999 (No geocoding information, distance could not be calculated): Frequency	1,275
Missing: Frequency	0

*Statistics are based on values across the fourteen loops of providers.

L1_HH9_DIS_PROV_CH_CC_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Distance between Child X's home and Provider Y, in miles

Notes: This variable captures the distance between Child X's home and Provider Y, in miles.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for the child.

This variable is the restricted-use version of HH9_DIS_PROV_CH_C_X_Y. Please see the notes to HH9_DIS_PROV_CH_C_X_Y in the 2019 NSECE Household User's Guide for more details.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	17,126
Mean	13.26
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No child and no provider): Frequency	752,379
-11 (Non-resident parent provider address could not be identified): Frequency	153
-999 (No geocoding information, distance could not be calculated): Frequency	1,541
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

L1_HH9_DIS_PROV_CH_S_CC_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Distance of fastest route in miles between Child X's home and Provider Y

Notes: This variable captures the distance of fastest travel route in miles (i.e. street distance) between Child X's home and Provider Y.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for the child.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	17,123
Mean	16.33
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No child and no provider): Frequency	752,379
-11 (Non-resident parent provider address could not be identified): Frequency	153
-999 (No geocoding information, distance could not be calculated): Frequency	1,544
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

L1_HH9_DIS_PROV_CH_T_CC_X_Y (X=1-9 Children; Y=1-14 Providers)

Variable Label: Distance of fastest route in minutes btwn Child X's home and Provider Y

Notes: This variable captures the distance of the fastest route in minutes (i.e. street distance) between Child X's home and Provider Y.

If a household that only had one non-resident parent indicated that a non-resident parent was a provider, then this distance variable included that non-resident parent as a provider. Reserve code -11 was assigned whenever there were two non-resident parents and it was not possible to identify which one of these two non-resident parents cared for the child.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	17,123
Mean	20.13
-6 (Provider does not care for child): Frequency	12,391
-7 (Provider but no child): Frequency	104,648
-8 (Child but no provider): Frequency	192,338
-9 (No child and no provider): Frequency	752,379
-11 (Non-resident parent provider address could not be identified): Frequency	153
-999 (No geocoding information, distance could not be calculated): Frequency	1,544
Missing: Frequency	0

*Statistics are based on values across the nine loops of children and fourteen loops of providers.

COMMUNITY CHARACTERISTICS (L1)

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. For a full discussion, please see the 'Community Characteristics' section within the Variable-level Documentation for Main Household Public-Use Data File of the Household User's guide.

This section includes the following variables:

Variable Name	Variable Label
L1_HH9_COMM_POVERTY_PERCENT	Prop of individuals in families with income to poverty ratio =< 1.00
L1_HH9_COMM_URBAN_RATIO	Ratio of urban population to total population
L1_HH9_COMM_W_R_BLACK_RC	Ratio of non-Hispanic, Black/African American population to total pop, recode
L1_HH9_COMM_W_R_F_LABR_FRCE_RC	Ratio of females in labor force to females employed, recode
L1_HH9_COMM_W_R_HISPANIC_RC	Ratio of Hispanic/Latino population to total population, recode
L1_HH9_COMM_W_R_IN_PRSCHL_PBL_RC	Ratio of chldrn in pub nursery schl/preschl to chldrn in priv & pub schl, recode
L1_HH9_COMM_W_R_RCNT_IMMGRNTS_RC	Ratio of population of recent immigrants to total population, recode

L1_HH9_COMM_POVERTY_PERCENT

Variable Label: Prop of individuals in families with income to poverty ratio ≤ 1.00

Notes: The community poverty density variable identifies the concentration of population living in poverty (i.e. at or below the Federal Poverty Line (FPL)) for the community where the household/provider is located.

To create this variable, the ratio between the following two variables was calculated:

- Numerator: Total population of individuals in households with income to poverty ratio of less than 1.00 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income to poverty ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.17
Missing: Frequency	0

L1_HH9_COMM_URBAN_RATIO

Variable Label: Ratio of urban population to total population

Notes: This variable summarizes the urban density of all tracts in the community surrounding the household, giving more influence to tracts nearer the household. It is the continuous version of the variable HH9_COMM_URBAN_DENSITY in the public-use data file.

This variable was created from Census Table P2 Urban and rural population, from Summary File 1 of the 2010 Decennial Census.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.84
Missing: Frequency	0

L1_HH9_COMM_W_R_BLACK_RC

Variable Label: Ratio of non-Hispanic, Black/African American population to total pop, recode

Notes: Categorized version of ratio between population of Black or African American only/non-Hispanic and total population (weighted):

- Numerator: Total population Black or African American only/non-Hispanic (weighted)
- Denominator: Total population (weighted)

Researchers may wish to analyze the data using a discretized (or categorical) version of the underlying variable. To facilitate replication across studies, we recoded this ratio into three categories: Less or equal than 0.02; 0.02 to less or equal than 0.12; and larger than 0.12.

This variable was created from Census Table B03002 Non-Hispanic, Black Non-Hispanic, Hispanic, from the American Community Survey.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Less than or equal to 0.02	2,133
2	Greater than 0.02 and less than or equal to 0.12	3,196
3	Greater than 0.12	3,247

L1_HH9_COMM_W_R_F_LABR_FRCE_RC

Variable Label: Ratio of females in labor force to females employed, recode

Notes: 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):

- 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)

Researchers may wish to analyze the data using a discretized (or categorical) version of the underlying variable. To facilitate replication across studies, we recoded this ratio into three categories: Less or equal than 1.07; 1.07 to less or equal than 1.1; and larger than 1.11.

This variable was created from Census Table B23001, Employment status by sex (total labor force and employed), from the American Community Survey.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Less than or equal to 1.07	3,659
2	Greater than 1.07 and less than or equal to 1.1	2,675
3	Greater than 1.1	2,242

L1_HH9_COMM_W_R_HISPANIC_RC

Variable Label: Ratio of Hispanic/Latino population to total population, recode

Notes: Categorized version of ratio between population of Hispanic or Latino and total population (weighted):

- Numerator: Total population Hispanic or Latino (weighted)
- Denominator: Total population (weighted)

Researchers may wish to analyze the data using a discretized (or categorical) version of the underlying variable. To facilitate replication across studies, we recoded this ratio into three categories: Less or equal than 0.05; 0.05 to less or equal than 0.21; and larger than 0.21.

This variable was created from Census Table B03002, Non-Hispanic, Black Non-Hispanic, Hispanic, from the American Community Survey.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Less than or equal to 0.05	1,988
2	Greater than 0.05 and less than or equal to 0.21	3,013
3	Greater than 0.21	3,575

L1_HH9_COMM_W_R_IN_PRSCHL_PBL_RC

Variable Label: Ratio of chldrn in pub nursery schl/preschl to chldrn in priv & pub schl, recode

Notes: 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):

- Numerator: Number of children enrolled in nursery school, preschool; public (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

Researchers may wish to analyze the data using a discretized (or categorical) version of the underlying variable. To facilitate replication across studies, we recoded this ratio into three categories: Less or equal than 0.52; 0.52 to less or equal than 0.72; and larger than 0.72.

This variable was created from Census Table B14002, School attendance, from the American Community Survey.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Less than or equal to 0.52	7,673
2	Greater than 0.52 and less than or equal to 0.72	745
3	Greater than 0.72	158

L1_HH9_COMM_W_R_RCNT_IMMGRNTS_RC

Variable Label: Ratio of population of recent immigrants to total population, recode

Notes: Categorized version of ratio between the foreign born population who entered the U.S. in 2010 or later and total population (weighted):

- Numerator: Total population: foreign born, entered the U.S in 2010 or later (weighted)
- Denominator: Total population (weighted)

Researchers may wish to analyze the data using a discretized (or categorical) version of the underlying variable. To facilitate replication across studies, we recoded this ratio into two categories: Less or equal than 0.05; and larger than 0.05.

This variable was created from Census Tables B03002, Non-Hispanic, Black Non-Hispanic, Hispanic and B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	Less than or equal to 0.05	7,469
3	Greater than 0.05	1,107

COMMUNITY CHARACTERISTICS IN THE LEVEL 2 RESTRICTED-USE DATASET

Please note: these additional community characteristics variables are not available in this L1 restricted-use data file. Because they could potentially disclose the geography of sampled units, NSECE staff have assigned these variables to the level-two (L2) restricted-use data file. These variables are documented in the L1 manual so that researchers will be aware that these variables are available, should they be interested in securing access to the L2 NSECE restricted-use data. To apply for L2 data, please email NSECE staff at nsece@norc.org.

This section includes the following variables:

Variable Name	Variable Label
L2_HH9_COMM_RURAL_URBAN_CONT	Community classification in the urban/rural spectrum
L2_HH9_COMM_W_MED_EARN_FEMALE	Median earnings, females
L2_HH9_COMM_W_MED_INC_FEMALE	Median income, females
L2_HH9_COMM_W_MEDIAN_EARNINGS	Median earnings, all workers
L2_HH9_COMM_W_MEDIAN_INCOME	Median income, all workers
L2_HH9_COMM_W_R_BLACK	Ratio of non-Hispanic, Black/African American population to total population
L2_HH9_COMM_W_R_F_LABOR_FORCE	Ratio of females in labor force to females employed
L2_HH9_COMM_W_R_HISPANIC	Ratio of Hispanic/Latino population to total population
L2_HH9_COMM_W_R_IN_PRSCHL_PBL	Ratio of children in public nursery schl/preschl to children in priv & pub schl
L2_HH9_COMM_W_R_IN_PRSCHL_PVT	Ratio of children in private nursery schl/preschl to children in priv & pub schl
L2_HH9_COMM_W_R_LESS_50	Prop of individuals in families with income to poverty ratio < 0.50
L2_HH9_COMM_W_R_LVNG_SNC_1990_99	Ratio of foreign population who entered US from 1990-99 to total foreign pop
L2_HH9_COMM_W_R_LVNG_SNC_2000_09	Ratio of foreign population who entered US from 2000-09 to total foreign pop
L2_HH9_COMM_W_R_LVNG_SNC_2010	Ratio of foreign population who entered US since 2010 to total foreign pop

Variable Name	Variable Label
L2_HH9_COMM_W_R_LVNG_SNC_B_1990	Ratio of foreign population who entered US before 1990 to total foreign pop
L2_HH9_COMM_W_R_MORE_50_LESS_74	Prop of individuals in families with income to poverty ratio btwn 0.50 & 0.74
L2_HH9_COMM_W_R_MORE_500	Prop of individuals in families with income to poverty ratio ≥ 5.00
L2_HH9_COMM_W_R_MORE_75_LESS_99	Prop of individuals in families with income to poverty ratio btwn 0.75 & 0.99
L2_HH9_COMM_W_R_MRE_100_LSS_124	Prop of individuals in families with income to poverty ratio btwn 1.00 & 1.24
L2_HH9_COMM_W_R_MRE_125_LSS_149	Prop of individuals in families with income to poverty ratio btwn 1.25 & 1.49
L2_HH9_COMM_W_R_MRE_150_LSS_174	Prop of individuals in families with income to poverty ratio btwn 1.50 & 1.74
L2_HH9_COMM_W_R_MRE_175_LSS_184	Prop of individuals in families with income to poverty ratio btwn 1.75 & 1.84
L2_HH9_COMM_W_R_MRE_185_LSS_199	Prop of individuals in families with income to poverty ratio btwn 1.85 & 1.99
L2_HH9_COMM_W_R_MRE_200_LSS_299	Prop of individuals in families with income to poverty ratio btwn 2.00 & 2.99
L2_HH9_COMM_W_R_MRE_300_LSS_399	Prop of individuals in families with income to poverty ratio btwn 3.00 & 3.99
L2_HH9_COMM_W_R_MRE_400_LSS_499	Prop of individuals in families with income to poverty ratio btwn 4.00 & 4.99
L2_HH9_COMM_W_R_NO_BLACK	Ratio of non-Hispanic, non-Black/African American population to total population
L2_HH9_COMM_W_R_ONLY_ENGLISH	Ratio of English-only speaking households to total households

Variable Name	Variable Label
L2_HH9_COMM_W_R_RCNT_IMMGRNTS	Ratio of population of recent immigrants to total population
L2_HH9_COMM_W_R_TTL_CHL_6_ONE_P	Ratio of chldrn undr age 6 who live w/ 1 parent to totl pop of chldrn undr age 6

L2_HH9_COMM_RURAL_URBAN_CONT

Variable Label: Community classification in the urban/rural spectrum

Notes: This variable captures the Rural Urban Continuum Codes (RUCC) of the community where the household is located.

Codes, Response Categories, and Unweighted Frequencies in Data File

Value	Label	Unweighted Frequencies
1	County in metro area, pop 1 million or more	4,603
2	County in metro area, pop 250k to 1 million	2,006
3	County in metro area, pop 250k or less	763
4	Nonmetro county w/ urban pop 20k or more, adj. to metro area	489
5	Nonmetro county w/ urban pop 20k or more, not adj. to metro area	189
6	Nonmetro county w/ urban pop 2,500-19,999, adj. to metro area	264
7	Nonmetro county w/ urban pop 2,500-19,999, not adj. to metro area	197
8	Nonmetro county rural or less than 2,500 urban pop, adj. to metro area	*
9	Nonmetro county rural or less than 2,500 urban pop, not adj. to metro area	*

L2_HH9_COMM_W_MED_EARN_FEMALE

Variable Label: Median earnings, females

Notes: 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.

This variable was created from Census Table B20017 Median earnings (females), from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	25,939.97
Missing: Frequency	0

L2_HH9_COMM_W_MED_INC_FEMALE

Variable Label: Median income, females

Notes: 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.

This variable was created from Census Table B19326 Median income (females), from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	22,606.13
Missing: Frequency	0

L2_HH9_COMM_W_MEDIAN_EARNINGS

Variable Label: Median earnings, all workers

Notes: 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.

This variable was created from Census Table B20017 Median earnings (male and female), from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	31,055.91
Missing: Frequency	0

L2_HH9_COMM_W_MEDIAN_INCOME

Variable Label: Median income, all workers

Notes: 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.

This variable was created from Census Table B19326, Median income (males and females), from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	27,837.41
Missing: Frequency	0

L2_HH9_COMM_W_R_BLACK

Variable Label: Ratio of non-Hispanic, Black/African American population to total population

Notes: Ratio between population of Black or African American only/non-Hispanic and total population (weighted):

- Numerator: Total population Black or African American only/non-Hispanic (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B03002 Non-Hispanic, Black, Hispanic, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.13
Missing: Frequency	0

L2_HH9_COMM_W_R_F_LABOR_FORCE

Variable Label: Ratio of females in labor force to females employed

Notes: Ratio of females age 16 and older who are in the labor force to females age 16 and older who are employed (weighted):

- 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 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.

This variable was created from Census Table B23001, Employment status by sex (total labor force and employed), from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	1.08
Missing: Frequency	0

L2_HH9_COMM_W_R_HISPANIC

Variable Label: Ratio of Hispanic/Latino population to total population

Notes: Ratio between population of Hispanic or Latino and total population (weighted):

- Numerator: Total population Hispanic or Latino (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B03002, Hispanic, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.25
Missing: Frequency	0

L2_HH9_COMM_W_R_IN_PRSCHL_PBL

Variable Label: Ratio of children in public nursery schl/preschl to children in priv & pub schl

Notes: 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):

- Numerator: Number of children enrolled in nursery school, preschool; public (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

This variable was created from Census Table B14002, School attendance, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.35
Missing: Frequency	0

L2_HH9_COMM_W_R_IN_PRSCHL_PVT

Variable Label: Ratio of children in private nursery schl/preschl to children in priv & pub schl

Notes: 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):

- Numerator: Number of children enrolled in nursery school, preschool; private (weighted)
- Denominator: Number of children enrolled in nursery school, preschool (public and private) (weighted)

This variable was created from Census Table B14002, School attendance, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.65
Missing: Frequency	0

L2_HH9_COMM_W_R_LESS_50

Variable Label: Prop of individuals in families with income to poverty ratio < 0.50

Notes: Ratio between population of individuals in households with income to poverty ratio less than .50 and total population (weighted).

- Numerator: Total population living in households with income to poverty ratio less than .50 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.07
Missing: Frequency	0

L2_HH9_COMM_W_R_LVNG_SNC_1990_99

Variable Label: Ratio of foreign population who entered US from 1990-99 to total foreign pop

Notes: Ratio between population of foreign born individuals entering U.S. from 1990 to 1999 and all foreign born individuals (weighted):

- Numerator: Total population of all foreign born individuals entering U.S. after 1990 and before 1999 (weighted)
- Denominator: Total foreign-born population (weighted)

This variable was created from Census Table B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.23
Missing: Frequency	0

L2_HH9_COMM_W_R_LVNG_SNC_2000_09

Variable Label: Ratio of foreign population who entered US from 2000-09 to total foreign pop

Notes: Ratio between population of foreign born individuals entering U.S. from 2000 to 2009 and all foreign born individuals (weighted):

- Numerator: Total population of all foreign born individuals entering U.S. after 2000 and before 2009 (weighted)
- Denominator: Total foreign-born population (weighted)

This variable was created from Census Table B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.28
Missing: Frequency	0

L2_HH9_COMM_W_R_LVNG_SNC_2010

Variable Label: Ratio of foreign population who entered US since 2010 to total foreign pop

Notes: Ratio between population of foreign born individuals entering U.S. since 2010 and all foreign born individuals (weighted):

- Numerator: Total population of all foreign born individuals entering U.S. since 2010 (weighted)
- Denominator: Total foreign-born population (weighted)

This variable was created from Census Table B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.16
Missing: Frequency	0

L2_HH9_COMM_W_R_LVNG_SNC_B_1990

Variable Label: Ratio of foreign population who entered US before 1990 to total foreign pop

Notes: Ratio between population of foreign born individuals entering U.S. before 1990 and all foreign born individuals (weighted).

- Numerator: Total population of all foreign born individuals entering U.S. before 1990 (weighted)
- Denominator: Total foreign-born population (weighted)

This variable was created from Census Table B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.32
Missing: Frequency	0

L2_HH9_COMM_W_R_MORE_50_LESS_74

Variable Label: Prop of individuals in families with income to poverty ratio btwn 0.50 & 0.74

Notes: Ratio between population of individuals in households with income to poverty ratio between .50 and .74 and total population (weighted).

- Numerator: Total population living in households with income to poverty ratio between .50 and .74 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.04
Missing: Frequency	0

L2_HH9_COMM_W_R_MORE_500

Variable Label: Prop of individuals in families with income to poverty ratio ≥ 5.00

Notes: Ratio between population of individuals in households with income to poverty ratio of 5.00 or greater and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio 5.00 or greater (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.21
Missing: Frequency	0

L2_HH9_COMM_W_R_MORE_75_LESS_99

Variable Label: Prop of individuals in families with income to poverty ratio btwn 0.75 & 0.99

Notes: Ratio between population of individuals in households with income to poverty ratio between .75 and .99 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between .75 and .99 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.05
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_100_LSS_124

Variable Label: Prop of individuals in families with income to poverty ratio btwn 1.00 & 1.24

Notes: Ratio between population of individuals in households with income to poverty ratio between 1.00 and 1.24 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 1.00 and 1.24 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.06
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_125_LSS_149

Variable Label: Prop of individuals in families with income to poverty ratio btwn 1.25 & 1.49

Notes: Ratio between population of individuals in households with income to poverty ratio between 1.25 and 1.49 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 1.25 and 1.49 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.05
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_150_LSS_174

Variable Label: Prop of individuals in families with income to poverty ratio btwn 1.50 & 1.74

Notes: Ratio between population of individuals in households with income to poverty ratio between 1.50 and 1.74 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 1.50 and 1.74 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.05
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_175_LSS_184

Variable Label: Prop of individuals in families with income to poverty ratio btwn 1.75 & 1.84

Notes: Ratio between population of individuals in households with income to poverty ratio between 1.75 and 1.84 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 1.75 and 1.84 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.02
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_185_LSS_199

Variable Label: Prop of individuals in families with income to poverty ratio btwn 1.85 & 1.99

Notes: Ratio between population of individuals in households with income to poverty ratio between 1.85 and 1.99 and total population (weighted).

- Numerator: Total population living in households with income to poverty ratio between 1.85 and 1.99 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.03
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_200_LSS_299

Variable Label: Prop of individuals in families with income to poverty ratio btwn 2.00 & 2.99

Notes: Ratio between population of individuals in households with income to poverty ratio between 2.00 and 2.99 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 2.00 and 2.99 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.18
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_300_LSS_399

Variable Label: Prop of individuals in families with income to poverty ratio btwn 3.00 & 3.99

Notes: Ratio between population of individuals in households with income to poverty ratio between 3.00 and 3.99 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 3.00 and 3.99 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.13
Missing: Frequency	0

L2_HH9_COMM_W_R_MRE_400_LSS_499

Variable Label: Prop of individuals in families with income to poverty ratio btwn 4.00 & 4.99

Notes: Ratio between population of individuals in households with income to poverty ratio between 4.00 and 4.99 and total population (weighted):

- Numerator: Total population living in households with income to poverty ratio between 4.00 and 4.99 (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B17024, Income ratio for population, from the American Community Survey.

Notes on calculation: ACS data are provided by age group. All age groups were summed to construct the numerator.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.10
Missing: Frequency	0

L2_HH9_COMM_W_R_NO_BLACK

Variable Label: Ratio of non-Hispanic, non-Black/African American population to total population

Notes: Ratio of individuals who are non-Black or African American/non-Hispanic and total population (weighted). This variable will sum to 1 with HH9_COMM_W_R_BLACK and HH9_COMM_W_R_HISPANIC:

- Numerator: Total population non-Black or African American only/non-Hispanic (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B03002, Non-Hispanic, Black Non-Hispanic, Hispanic, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.62
Missing: Frequency	0

L2_HH9_COMM_W_R_ONLY_ENGLISH

Variable Label: Ratio of English-only speaking households to total households

Notes: Ratio of individuals who only speak English at home to total population (weighted):

- Numerator: Total population of individuals who only speak English at home (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B16002, English speaking households, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.72
Missing: Frequency	0

L2_HH9_COMM_W_R_RCNT_IMMGRNTS

Variable Label: Ratio of population of recent immigrants to total population

Notes: Ratio between the foreign born population who entered the U.S. in 2010 or later and total population (weighted):

- Numerator: Total population: foreign born, entered the U.S in 2010 or later (weighted)
- Denominator: Total population (weighted)

This variable was created from Census Table B05005, Recent immigrant, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.02
Missing: Frequency	0

L2_HH9_COMM_W_R_TTL_CHL_6_ONE_P

Variable Label: Ratio of chldrn undr age 6 who live w/ 1 parent to totl pop of chldrn undr age 6

Notes: Ratio of individuals who are children under age of 6 and who live with exactly one parent to total population (weighted):

- Numerator: Total population of individuals who are children under age 6 and who live with exactly one parent (weighted)
- Denominator: Total population of children under age 6 (weighted)

This variable was created from Census Table B09002, Children by age and type of Household, from the American Community Survey.

Codes, Response Categories, and Summary Statistics in Data File

Statistic	Unweighted Values
N	8,576
Mean	0.33
Missing: Frequency	0