

**2003-2019 Event History Calendar  
(EHC) Between-Wave Moves File**

**Codebook**

**Number of Variables**

23

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**EHCV01 "RELEASE NUMBER" NUM(1.0)**

Release number

*Release 1: SAS proc geocode is used to generate the geocode data.*

*Release 2: Added 2017 data to the geocode file.*

*Release 3: Added 2019 data to the geocode file, reprocessed all addresses using SAS 9.4 (TS1M6).*

Count	%	Value/Range	Code	Value/Range	Text
-	-		1	May 2018	
-	-		2	February 2019	
123,787	100.00		3	May 2021	

**EHCV02 "INTERVIEW YEAR" NUM(4.0)**

Year of PSID data collection

*This variable, in combination with family interview number (EHCV03) and order of residency (EHCV04), uniquely identifies a record.*

Count	%	Value/Range	Code	Value/Range	Text
11,786	9.52	2,003		Interview year	
12,399	10.02	2,005		Interview year	
13,214	10.67	2,007		Interview year	
13,410	10.83	2,009		Interview year	
14,418	11.65	2,011		Interview year	
14,535	11.74	2,013		Interview year	
14,420	11.65	2,015		Interview year	
15,047	12.16	2,017		Interview year	
14,558	11.76	2,019		Interview year	

**EHCV03 "FAMILY INTERVIEW NUMBER" NUM(5.0)**

Yearly PSID family interview number

*This variable, in combination with interview year (EHCV02) and order of residency (EHCV04), uniquely identifies a record.*

Count	%	Value/Range	Code	Value/Range	Text
123,787	100.00	1 - 9,656		Interview number	

**EHCV04 "ORDER OF RESIDENCY" NUM(2.0)**

Order of residency

*This variable, in combination with interview year (EHCV02) and family interview number (EHCV03), uniquely identifies the order of residency.*

Count	%	Value/Range	Code	Value/Range	Text
78,946	63.78		1	Order of residency	
29,799	24.07		2	Order of residency	

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10,627	8.58	3	Order of residency
3,136	2.53	4	Order of residency
932	.75	5	Order of residency
296	.24	6	Order of residency
29	.02	7	Order of residency
14	.01	8	Order of residency
5	.00	9	Order of residency
2	.00	10	Order of residency
1	.00	11	Order of residency

**EHCV05 "WHETHER CURRENT RESIDENCE" NUM(1.0)**

Whether current residence

*This variable indicates whether this record is current residence. For 2003-2007 records, the data sources are the addresses at the time of interview; for 2009-2019 records, the data sources are the "ISCURRENT. Residence is current" information collected in the questionnaires.*

Count	%	Value/Range	Code	Value/Range	Text
47,916	38.71		0		Not current residence
75,871	61.29		1		Current residence

**EHCV06 "STARTING YEAR OF RESIDENCE" NUM(4.0)**

Starting year of residence

*Code 9997 indicates that the respondent marked starting year as don't know but before T-2 year. For example, for the 2017 wave code 9997 means 'Don't know year but before 2015'*

Count	%	Value/Range	Code	Value/Range	Text
120,190	97.09	1,912 - 2,019			Actual year
2,802	2.26		9,997		Don't know exact year but before T-2 year
795	.64		9,998		DK
-	-		9,999		NA or blank

**EHCV07 "STARTING MONTH OF RESIDENCE" NUM(2.0)**

Starting month of residence

Count	%	Value/Range	Code	Value/Range	Text
70,133	56.66	1 - 12			Actual month
53,653	43.34		98		DK
1	.00		99		NA or blank

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**EHC V08 "STARTING DAY/3RD OF MONTH OF RESIDENCE" NUM(1.0)**

Starting day/3rd of month of residence

Count	%	Value/Range	Code	Value/Range	Text
43,244	34.93		1		1st 10-day period of the month
12,029	9.72		2		2nd 10-day period of the month
12,700	10.26		3		3rd 10-day period of the month
54,652	44.15		8		DK
1,162	.94		9		NA or blank

**EHC V09 "ENDING YEAR OF RESIDENCE" NUM(4.0)**

Ending year of residence

Count	%	Value/Range	Code	Value/Range	Text
123,755	99.97	1,974 - 2,020			Actual year
2	.00	9,997			Wild data, should be value 9999
30	.02	9,998			DK
-	-	9,999			NA or blank

**EHC V10 "ENDING MONTH OF RESIDENCE" NUM(2.0)**

Ending month of residence

Count	%	Value/Range	Code	Value/Range	Text
123,383	99.67	1 - 12			Actual month
402	.32	98			DK
2	.00	99			NA or blank

**EHC V11 "ENDING DAY/3RD OF MONTH OF RESIDENCE" NUM(1.0)**

Ending day/3rd of month of residence

Count	%	Value/Range	Code	Value/Range	Text
33,428	27.00		1		1st 10-day period of the month
28,483	23.01		2		2nd 10-day period of the month
59,478	48.05		3		3rd 10-day period of the month
2,238	1.81		8		DK
160	.13		9		NA or blank

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**EHC12 "FIPS STATE 2010" NUM(2.0)**

U.S. Census Federal Information Processing Standard (FIPS) state code.

The primary legal subdivision of the United States. The District of Columbia is treated as the statistical equivalent of a state, and Puerto Rico and the Island Areas (the U.S. Virgin Islands, Guam, American Samoa, and the Northern Mariana Islands) are each treated as foreign country, for the geocoding purposes.

For more information: [https://www.census.gov/geo/reference/gtc/gtc\\_state.html](https://www.census.gov/geo/reference/gtc/gtc_state.html)

For records with recoded SAS match level (EHC23) less than 6, this variable is generated with SAS proc geocode and proc ginside; and the SAS function STFIPS is used to convert two-digit state postal codes to FIPS state codes to fix missing values. The values for records with EHC23 = 6 are 98 (foreign country) or 99.

The count and % values are suppressed to protect the anonymity of respondents.

Count	%	Value/Range	Code	Value/Range	Text
0	.00	1		Alabama	
0	.00	2		Alaska	
0	.00	4		Arizona	
0	.00	5		Arkansas	
0	.00	6		California	
0	.00	8		Colorado	
0	.00	9		Connecticut	
0	.00	10		Delaware	
0	.00	11		District of Columbia	
0	.00	12		Florida	
0	.00	13		Georgia	
0	.00	15		Hawaii	
0	.00	16		Idaho	
0	.00	17		Illinois	
0	.00	18		Indiana	
0	.00	19		Iowa	
0	.00	20		Kansas	
0	.00	21		Kentucky	
0	.00	22		Louisiana	
0	.00	23		Maine	
0	.00	24		Maryland	
0	.00	25		Massachusetts	

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0	.00	26	Michigan
0	.00	27	Minnesota
0	.00	28	Mississippi
0	.00	29	Missouri
0	.00	30	Montana
0	.00	31	Nebraska
0	.00	32	Nevada
0	.00	33	New Hampshire
0	.00	34	New Jersey
0	.00	35	New Mexico
0	.00	36	New York
0	.00	37	North Carolina
0	.00	38	North Dakota
0	.00	39	Ohio
0	.00	40	Oklahoma
0	.00	41	Oregon
0	.00	42	Pennsylvania
0	.00	44	Rhode Island
0	.00	45	South Carolina
0	.00	46	South Dakota
0	.00	47	Tennessee
0	.00	48	Texas
0	.00	49	Utah
0	.00	50	Vermont
0	.00	51	Virginia
0	.00	53	Washington
0	.00	54	West Virginia
0	.00	55	Wisconsin
0	.00	56	Wyoming
0	.00	98	Foreign country
0	.00	99	NA, DK

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**EHC13 "FIPS COUNTY 2010" NUM(3.0)**

U.S. Census Federal Information Processing Standard (FIPS) county code.

*For records with recoded SAS match level (EHC23) in (1, 2, 3, 4), this variable is generated with SAS proc geocode and proc ginside. Other records, with EHC23 greater than 4, have values of 998 or 999.*

*Review changes and updates to U.S. county codes at the Census Bureau's website, <http://www.census.gov>.*

Count	%	Value/Range	Code	Value/Range	Text
120,657	97.47	1 - 840	FIPS	county code	
1,018	.82	998	Foreign	country	
2,112	1.71	999	Missing	or none match or not geocoded	

**EHC14 "5-DIGIT ZIP CODE" NUM(5.0)**

Postal ZIP Code Identification Number (5-digit)

*As defined by the U.S. Census Bureau, ZIP (Zone Improvement Plan) Code is a five-digit code assigned by the U.S. Postal Service to a section of a street, a collection of streets, an establishment, structure, or group of post office boxes, for the delivery of mail. The Census Bureau uses only 5-digit ZIP codes for the addresses and address ranges in most 2010 Census.*

*The 5-digit ZIP code is current as of October 2018 (US Zipcodes; Source: <http://support.sas.com/rnd/datavisualization/maponline/html/misc.html>.) Occasionally, the ZIP code reported during interview differs from the ZIP code match found during geocoding, i.e., a data entry error. In such cases, the geocode matched or standardized ZIP code is kept in the data file.*

Count	%	Value/Range	Code	Value/Range	Text
116,337	93.98	501 - 99,925	ZIP	code	
1,018	.82	99,998	Foreign	country	
6,432	5.20	99,999	Missing	or data error	

**EHC15 "METROPOLITAN STATISTICAL AREA" NUM(4.0)**

*"Metro Statistical Area code by common pop-pre 2003; no MSA for rural." Data source: ZIP code file.*

*Review changes and updates to MSA codes at the Federal Office of Management and Budget's web site, <https://www.whitehouse.gov/omb/information-for-agencies/bulletins/>.*

Count	%	Value/Range	Code	Value/Range	Text
93,489	75.52	40 - 9,360	MSA	code	
1,018	.82	9,998	Foreign	country	
29,280	23.65	9,999	Inap.	or not found	

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**EHCV16 "CORE BASE STATISTICAL AREA 2010" NUM(5.0)**

Core Base Statistical Area (CBSA) 2010, as defined by the US Census Bureau, refer collectively to metropolitan statistical areas and micropolitan statistical areas. The county or counties or equivalent entities associated with at least one core (urbanized area or urban cluster) of at least 10,000 population, plus adjacent counties having a high degree of social and economic integration with the core as measured through commuting ties with the counties associated with the core.

Review changes and updates to CBSA codes at the Federal Office of Management and Budget's web site, <https://www.whitehouse.gov/omb/information-for-agencies/bulletins/>.

<u>Count</u>	<u>%</u>	<u>Value/Range</u>	<u>Code</u>	<u>Value/Range</u>	<u>Text</u>
112,663	91.01	10,100 - 49,820	CBSA code		
1,018	.82	99,998	Foreign country		
10,106	8.16	99,999	Inap. or not found		

**EHCV17 "FIPS PLACE CODE" NUM(5.0)**

US Census Federal Information Processing Standard (FIPS) place code, as defined by the US Census Bureau, are "a concentration of population either legally bounded as an incorporated place, or identified as a Census Designated Place (CDP) including comunidades and zonas urbanas in Puerto Rico. Incorporated places have legal descriptions of borough (except in Alaska and New York), city, town (except in New England, New York, and Wisconsin), or village."

Note that the FIPS place code is unique within state. So, to uniquely identify a place, use the FIPS place code in combination with the FIPS state code.

Review changes and updates to FIPS place codes at the US Census Bureau's web site, <http://www.census.gov>.

<u>Count</u>	<u>%</u>	<u>Value/Range</u>	<u>Code</u>	<u>Value/Range</u>	<u>Text</u>
94,578	76.40	100 - 89,760	FIPS place code		
1,018	.82	99,998	Foreign country		
28,191	22.77	99,999	Inap. or not found		



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**EHC18 "2010 CENSUS TRACT"**

**NUM(7.2)**

*Census tract code 2010, as defined by the US Census Bureau, are "a small, relatively permanent statistical subdivision of a county delineated by a local committee of census data users for the purpose of presenting data. Census tract boundaries normally follow visible features, but may follow governmental unit boundaries and other non-visible features in some instances; they always nest within counties. Designed to be relatively homogeneous units with respect to population characteristics, economic status, and living conditions at the time of establishment, census tracts average about 4,000 inhabitants. They may be split by any sub-county geographic entity."*

*The Census Tract is unique within state and county. So, to uniquely identify a Census Tract, use the Census Tract in combination with the FIPS State and County. A Census Tract contains one to nine (1-9) block groups.*

*Review changes and updates to Census Tract codes at the US Census Bureau's web site, <http://www.census.gov>.*

<u>Count</u>	<u>%</u>	<u>Value/Range</u>	<u>Code</u>	<u>Value/Range</u>	<u>Text</u>
120,656	97.47	1.00 - 9,930.00	Tract		
1,018	.82	9,999.98	Foreign country		
2,113	1.71	9,999.99	None match or not geocoded		

**EHC19 "2010 CENSUS BLOCK"**

**NUM(4.0)**

*"Census block is the smallest geographic entity for which the census bureau tabulates decennial census data".*

*"Census block is an area bounded on all sides by visible and/or non-visible features shown on a map".*

*"Block numbers beginning with a zero (in Block Group 0) are only associated with water-only areas".*

*For more information on Blocks (Census Blocks) go to [https://www.census.gov/geo/reference/gtc/gtc\\_block.html](https://www.census.gov/geo/reference/gtc/gtc_block.html).*

*Review changes and updates to Census Block codes at the US Census Bureau's web site, <http://www.census.gov>.*

<u>Count</u>	<u>%</u>	<u>Value/Range</u>	<u>Code</u>	<u>Value/Range</u>	<u>Text</u>
2	.00	1 - 137	Valid block value associated with water only areas -- for more information see <a href="https://www.census.gov/geo/reference/gtc/gtc_block.html">https://www.census.gov/geo/reference/gtc/gtc_block.html</a>		
120,654	97.47	1,000 - 9,058	Valid block value/range		
1,018	.82	9,998	Foreign country		
2,113	1.71	9,999	None match or not geocoded		

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**EHCV20 "2010 CENSUS BLOCK GROUP" NUM(2.0)**

*Census block group 2010, as defined by the US Census Bureau, statistical subdivision of a census tract, are generally defined to contain between 600 and 3,000 people, and are the smallest geographic unit for which the Census Bureau tabulates sample data. Their primary purpose is to provide a geographic summary unit for census block data. A block group must comprise a reasonably compact and contiguous cluster of census blocks.*

*See [https://www.census.gov/geo/reference/gtc/gtc\\_bg.html](https://www.census.gov/geo/reference/gtc/gtc_bg.html) for more information on Block Groups.*

*Review changes and updates to Census Block Group codes at the US Census Bureau's web site, <http://www.census.gov>.*

Count	%	Value/Range	Code Value/Range Text
2	.00	0	Valid block group value associated with water areas -- for more information see <a href="https://www.census.gov/geo/reference/gtc/gtc_bg.html">https://www.census.gov/geo/reference/gtc/gtc_bg.html</a>
120,654	97.47	1 - 9	Valid block group value/range
1,018	.82	98	Foreign country
2,113	1.71	99	None match or not geocoded

**EHCV21 "SAS NUMERIC QUALITY OF MATCH" NUM(3.0)**

*This variable contains a numeric value that indicates the relative accuracy of the geocode match. Each token within SAS match tokens (EHCV22) has an associated value, and the sum of these values makes up the value of SAS numeric quality of match (EHCV21). For more information please search the SAS support website for "proc geocode".*

Count	%	Value/Range	Code Value/Range Text
122,769	99.18	-20 - 105	Geocode score value (including None match)
1,018	.82	998	Foreign country
-	-	999	Not geocoded

**EHCV22 "SAS MATCH TOKENS" CHR(50)**

*This variable indicates how the match was made. It provides details about the quality of the address match by using token strings. For example, the value "AD ZC NM" contains three tokens that indicate that the street name, ZIP code, and house number matched. For the description of each token value, please search the SAS support website for "proc geocode".*

Count	%	Value/Range	Code Value/Range Text
120,657	97.47	AD - ZC	Token string values for explaining geocode on specific address
1,018	.82	98	Foreign country
2,112	1.71	99	None match or not geocoded

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**EHCV23 "RECODED SAS MATCH LEVEL"**

**NUM(1.0)**

*This variable shows the category of the geocoding results. Please note that there is one ZIP matched record with missing values returned for census tract (EHCV18), census block (EHCV19) and census block group (EHCV20) from proc ginside: where EHCV23 = 3 and EHCV18 = 9999.99.*

<u>Count</u>	<u>%</u>	<u>Value/Range</u>	<u>Code</u>	<u>Value/Range</u>	<u>Text</u>
99,347	80.26		1		Dwelling match
3,344	2.70		2		Street match -- without house number or ambiguous house number
13,708	11.07		3		ZIP match
4,258	3.44		4		City match
2,112	1.71		5		None match
1,018	.82		6		Foreign country or not geocoded