2003-2021 Event History Calendar (EHC) Between-Wave Moves File

Codebook

Number of Variables

23

C20EHCV01 "RELEASE NUMBER"   NUM(1.0)

Release number

Release 1: SAS Proc Geocode and Proc Ginside with 2020 Census Maps are used to generate the geocode data using SAS release 9.4 (TS1M7).

Count	%	Value/Range	Code Value/Range Text
136,625	100.00	1	August 2023

C20EHCV02 "INTERVIEW YEAR"   NUM(4.0)

Year of PSID data collection

This variable, in combination with family interview number (C20EHCV03) and order of residency (C20EHCV04), uniquely identifies a record.

Count	%	Value/Range	Code Value/Range Text
11,786	8.63	2,003	Interview year
12,399	9.08	2,005	Interview year
13,214	9.67	2,007	Interview year
13,410	9.82	2,009	Interview year
14,418	10.55	2,011	Interview year
14,535	10.64	2,013	Interview year
14,420	10.55	2,015	Interview year
15,047	11.01	2,017	Interview year
14,558	10.66	2,019	Interview year
12,838	9.40	2,021	Interview year

C20EHCV03 "FAMILY INTERVIEW NUMBER"   NUM(5.0)

Yearly PSID family interview number

This variable, in combination with interview year (C20EHCV02) and order of residency (C20EHCV04), uniquely identifies a record.

Count	%	Value/Range	Code Value/Range Text
136,625	100.00	1 - 9,656	Interview number

C20EHCV04 "ORDER OF RESIDENCY"   NUM(2.0)

Order of residency

This variable, in combination with interview year (C20EHCV02) and family interview number (C20EHCV03), uniquely identifies the order of residency.

Count	%	Value/Range	Code Value/Range Text
88,153	64.52	1	Order of residency
32,837	24.03	2	Order of residency
11,152	8.16	3	Order of residency
3,190	2.33	4	Order of residency
942	.69	5	Order of residency

Count	%	Value/Range	Code	Value/Range Text
300	.22		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

C20EHCV05 "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 2009-2021 records, the data sources are the "ISCURRENT. Residence is current" information collected in the questionnaires.

Count	%	Value/Range	Code	Value/Range Text
51,547	37.73		0	Not current residence
85,078	62.27		1	Current residence

C20EHCV06 "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
132,228	96.78	1,901 - 2,021		Actual year
203	.15		9,996	Wild data, should be value 9999
2,981	2.18		9,997	Don't know exact year but before T-2 year
795	.58		9,998	DK
418	.31		9,999	NA or blank

C20EHCV07 "STARTING MONTH OF RESIDENCE"   NUM(2.0)

Starting month of residence

Count	%	Value/Range	Code	Value/Range Text
73,415	53.73	1 - 12		Actual month
53,654	39.27		98	DK
9,556	6.99		99	NA or blank

C20EHCV08 "STARTING DAY/3RD OF MONTH OF RESIDENCE"   NUM(1.0)

Starting day/3rd of month of residence

Count	%	Value/Range	Code	Value/Range Text
44,846	32.82		1	1st 10-day period of the month
12,934	9.47		2	2nd 10-day period of the month

Count	%	Value/Range	Code Value/Range Text
13,315	9.75	3	3rd 10-day period of the month
54,652	40.00	8	DK
10,878	7.96	9	NA or blank

C20EHCV09 **"ENDING YEAR OF RESIDENCE"**   **NUM(4.0)**
Ending year of residence

Count	%	Value/Range	Code Value/Range Text
136,366	99.81	1,974 – 2,022	Actual year
143	.10	9,996	Wild data, should be value 9999
2	.00	9,997	Wild data, should be value 9999
30	.02	9,998	DK
84	.06	9,999	NA or blank

C20EHCV10 **"ENDING MONTH OF RESIDENCE"**   **NUM(2.0)**
Ending month of residence

Count	%	Value/Range	Code Value/Range Text
135,938	99.50	1 – 12	Actual month
403	.29	98	DK
284	.21	99	NA or blank

C20EHCV11 **"ENDING DAY/3RD OF MONTH OF RESIDENCE"**   **NUM(1.0)**
Ending day/3rd of month of residence

Count	%	Value/Range	Code Value/Range Text
37,394	27.37	1	1st 10-day period of the month
32,272	23.62	2	2nd 10-day period of the month
64,067	46.89	3	3rd 10-day period of the month
2,239	1.64	8	DK
653	.48	9	NA or blank

C20EHCV12 "FIPS STATE 2020"   **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/library/reference/code-lists/ansi/ansi-codes-for-states.html

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
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

C20EHCV13 "FIPS COUNTY 2020"   **NUM(3.0)**

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

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
133,040	97.38	1 - 840	FIPS county code
1,103	.81	998	Foreign country
2,482	1.82	999	Missing or none match or not geocoded

C20EHCV14   **"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 2020 Census.

The 5-digit ZIP code is current as of May 2023 (US Zipcodes; Source: https://support.sas.com/en/knowledge-base/maps-geocoding.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
129,365	94.69	501 – 99,925	ZIP code
1,103	.81	99,998	Foreign country
6,157	4.51	99,999	Missing or data error

C20EHCV15   **"METROPOLITAN STATISTICAL AREA"**   **NUM(4.0)**
Metropolitan Statistical Areas (MSA) by common pop-pre 2003; no MSA for rural. MSA is defined by the US Census Bureau, are "A geographic entity defined by the federal Office of Management and Budget for use by federal statistical agencies, based on the concept of a core area with a large population nucleus, plus adjacent communities having a high degree of economic and social integration with that core. Qualification of a metropolitan statistical area requires the presence of an Urbanized Area (UA) with a total population of at least 50,000."

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

Count	%	Value/Range	Code Value/Range Text
104,119	76.21	40 – 9,360	MSA code
1,103	.81	9,998	Foreign country
31,403	22.98	9,999	Inap. or not found

C20EHCV16 "CORE BASE STATISTICAL AREA 2020"   **NUM(5.0)**

Core Base Statistical Area (CBSA) 2020, 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 website, https://www.whitehouse.gov/omb/information-for-agencies/bulletins/.

Count	%	Value/Range	Code Value/Range Text
125,128	91.58	10,100 – 49,820	CBSA code
1,103	.81	99,998	Foreign country
10,394	7.61	99,999	Inap. or not found

C20EHCV17 "FIPS PLACE CODE"   **NUM(5.0)**

U.S. Census Federal Information Processing Standard (FIPS) place code, as defined by the U.S. 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 U.S. Census Bureau's web site, http://www.census.gov.

Count	%	Value/Range	Code Value/Range Text
104,633	76.58	100 – 89,760	FIPS place code
1,103	.81	99,998	Foreign country
30,889	22.61	99,999	Inap. or not found

C20EHCV18 "2020 CENSUS TRACT"   **NUM(7.2)**

Census tract code 2020, 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.

For more information on Tracts (Census Tracts) go to https://www.census.gov/programs-surveys/geography/about/glossary.html#par_textimage_13 for more inforation.

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

Count	%	Value/Range	Code Value/Range Text
133,040	97.38	1.00 – 9,930.00	Tract
1,103	.81	9,999.98	Foreign country
2,482	1.82	9,999.99	None match or not geocoded

C20EHCV19 "2020 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/programs-surveys/geography/about/glossary.html#par_textimage_5.

Review changes and updates to Census Block codes at the U.S. Census Bureau's web site, http://www.census.gov.

Count	%	Value/Range	Code Value/Range Text
2	.00	1 – 137	Valid block value associated with water only areas -- for more information see https://www.census.gov/geo/reference/gtc/gtc_block.html
133,038	97.37	1,000 – 9,058	Valid block value/range
1,103	.81	9,998	Foreign country

Count	%		Value/Range	Code Value/Range Text
2,482	1.82		9,999	None match or not geocoded

C20EHCV20 "2020 CENSUS BLOCK GROUP"   **NUM(2.0)**

Census block group 2020, 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/programs-surveys/geography/about/glossary.html#par_textimage_4 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 https://www.census.gov/geo/reference/gtc/gtc_bg.html
133,038	97.37	1 - 9	Valid block group value/range
1,103	.81	98	Foreign country
2,482	1.82	99	None match or not geocoded

C20EHCV21 "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 (C20EHCV22) 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
135,522	99.19	-20 - 105	Geocode score value (including None match)
1,103	.81	998	Foreign country
-	-	999	Not geocoded

C20EHCV22 "SAS MATCH TOKENS"   **CHR(50)**

This variable 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
133,040	97.38	AD - ZC	Token string values for explaining geocode on specific address
1,103	.81	98	Foreign country
2,482	1.82	99	None match or not geocoded

C20EHCV23 "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 (C20EHCV18), census block (C20EHCV19) and census block group (C20EHCV20) from proc ginside: where C20EHCV23 = 3 and C20EHCV18 = 9999.99. For more information please search the SAS support website for "proc geocode".

Count	%	Value/Range	Code Value/Range Text
113,757	83.26	1	Dwelling match
3,458	2.53	2	Street match -- without house number or ambiguous house number
12,218	8.94	3	ZIP match
3,607	2.64	4	City match
1,103	.81	8	Foreign country
2,482	1.82	9	None match or not geocoded