2013-2017 Employer Location File

Codebook

Number of Variables

17

EMPV01   **"RELEASE NUMBER"**   **NUM(1.0)**

Release 1: 12/2018, SAS proc geocode and proc ginside are used to generate the geocode data.
Release 2: 08/2020, Includes 2017 data, and the reprocessed 2013 and 2015 data. SAS proc geocode and proc ginside are used to generate the geocode data.

Count	%	Value/Range	Code Value/Range Text
-	-	1	Release number 1, December 2018
28,001	100.00	2	Release number 2, August 2020

EMPV02   **"INTERVIEW YEAR"**   **NUM(4.0)**

This variable, in combination with Family Interview number (EMPV03) and sequence number (EMPV04), uniquely identifies a record.

Count	%	Value/Range	Code Value/Range Text
8,324	29.73	2,013	Employer data collected in 2013
8,351	29.82	2,015	Employer data collected in 2015
11,326	40.45	2,017	Employer data collected in 2017

EMPV03   **"FAMILY INTERVIEW NUMBER"**   **NUM(5.0)**

This variable, in combination with interview year (EMPV02) and sequence number (EMPV04), uniquely identifies a record.

This variable is also part of the merge keys between the Employer Location File and the corresponding Individual File for that year. For example, if the EMPV02=2013 then EMPV03 corresponds to ER34201. If EMPV02=2015 then EMPV03 corresponds to ER34301. If EMPV02=2017 then EMPV03 corresponds to ER34501.

Count	%	Value/Range	Code Value/Range Text
28,001	100.00	1 - 9,656	Interview number

EMPV04   **"SEQUENCE NUMBER"**   **NUM(1.0)**

This variable provides a means of identifying an individual's status with regard to the FU at the time of the interview year. Since only current Reference Persons or their Spouse/Partners were asked about employer locations they value for these variable is restricted to values of 1-2 where 1 represents the current Reference Person and 2 represents the current Spouse/Partner for that year.

This variable is also part of the merge keys between the Employer Location File and the corresponding Individual File for that year. For example, if the EMPV02=2013 then EMPV04 corresponds to ER34202. If EMPV02=2015 then EMPV04 corresponds to ER34302. If EMPV02=2017 then EMPV04 corresponds to ER34502.

Count	%	Value/Range	Code Value/Range Text
28,001	100.00	1 - 2	Individuals in the family at the time of the interview

EMPV05   **"JOB NUMBER"**   NUM(1.0)
Only those with current main jobs were asked for employer location information.

Count	%	Value/Range	Code Value/Range Text
28,001	100.00	1	Current main job

EMPV06   **"FIPS STATE 2010"**   NUM(2.0)
The Census Bureau treats the 50 states proper, plus the District of Columbia, as "states" for statistical reporting purposes.

For records with recoded SAS match level (EMPV17) 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 EMPV17 = 6 are 98 (foreign country) or 99.

The count and % values are suppressed (showing 0s) to protect the anonymity of respondents for public release.

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/RF

EMPV07   **"FIPS COUNTY 2010"**   **NUM(3.0)**

For records with recoded SAS match level (EMPV17) in (1, 2, 3, 4), this variable is generated with SAS proc geocode and proc ginside. Other records (EMPV17 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
23,565	84.16	1 – 840	FIPS county code
127	.45	998	Foreign country
4,309	15.39	999	Missing or none match or not geocoded

EMPV08   **"5-DIGIT ZIP CODE"**   **NUM(5.0)**

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 Apr 2020 (See SAS support website for detail: https://support.sas.com/rnd/datavisualization/mapsonline/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
21,185	75.66	501 – 99,950	ZIP code
127	.45	99,998	Foreign country
6,689	23.89	99,999	Missing or none match or data error

EMPV09   **"METROPOLITAN STATISTICAL AREA"**   **NUM(4.0)**

"Metro Statistical Area code by common pop-pre 2003; no MSA for rural." Data source: SASHELP.ZIPCODE (U.S. ZIP codes source: zipcodedownload.com Apr 2020).

Count	%	Value/Range	Code Value/Range Text
3,722	13.29	0	0 code (MSA does not exist)
17,463	62.37	40 – 9,360	MSA code
127	.45	9,998	Foreign Country
6,689	23.89	9,999	Inapplicable or not found

EMPV10   "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 US Census Bureau's web site, http://www.whitehouse.gov/omb.

Count	%	Value/Range	Code Value/Range Text
22,385	79.94	10,100 – 49,780	CBSA Code
127	.45	99,998	Foreign Country
5,489	19.60	99,999	Inapplicable or not found

EMPV11   "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 Place FIPS code is unique within state. So, to uniquely identify a place, use the Place FIPS code in combination with the State FIPS code.

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

Count	%	Value/Range	Code Value/Range Text
20,079	71.71	100 – 89,140	FIPS Place code
127	.45	99,998	Foreign Country
7,795	27.84	99,999	Inapplicable or not found

EMPV12   "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.

Count	%	Value/Range	Code Value/Range Text
23,565	84.16	1.00 - 9,901.00	Tract
127	.45	9,999.98	Foreign country
4,309	15.39	9,999.99	Missing or none match or not geocoded

EMPV13   "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".

For more information on Blocks (Census Blocks) go to 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.

Count	%	Value/Range	Code Value/Range Text
23,565	84.16	1,000 - 9,105	Valid block value/range
127	.45	9,998	Foreign country
4,309	15.39	9,999	Missing or none match or not geocoded

EMPV14   "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 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
23,565	84.16	1 – 9	Valid block group value/range
127	.45	98	Foreign country
4,309	15.39	99	Missing or none match or not geocoded

EMPV15   "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 (EMPV16) has an associated value, and the sum of these values makes up the value of SAS numeric quality of match (EMPV15). For more information please search the SAS support website for "proc geocode".

Count	%	Value/Range	Code Value/Range Text
24,511	87.54	-20 – 99	Geocode score value
127	.45	998	Foreign country
3,363	12.01	999	None match or not geocoded

EMPV16   "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
23,565	84.16	AD – ZC	Token string values for explaining geocode on specific address.
127	.45	98	Foreign country
4,309	15.39	99	None match or not geocoded

EMPV17   **"RECODED SAS MATCH LEVEL"**   **NUM(1.0)**

This variable shows the category of the geocoding results. For values between 1 and 2, the Tract, Block, CBSA, and Place codes are retured from SAS proc geocode; For values between 3 and 4, Tract, Block, and Place codes are retured from SAS proc ginside with INCLUDEBORDER option. There is one ZIP code (06705) with block value flaged _ONBORDER_= 1.

Count	%	Value/Range	Code Value/Range Text
15,477	55.27	1	Dwelling match
1,905	6.80	2	Street match – without number or ambiguous house number
3,849	13.75	3	ZIP match
2,334	8.34	4	City match
946	3.38	5	None match
3,490	12.46	6	Not geocoded (including foreign country)