

1968-2021: Geocode File

Codebook

Number of Variables

15

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C20RLS "RELEASE NUMBER" NUM(1.0)

Release Number

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

Count	%	Value/Range	Code Value/Range Text
306,189	100.00	1	August 2023

C20YEAR "INTERVIEW YEAR" NUM(4.0)

Year of PSID Data Collection

This variable, in combination with "C20FAMID", uniquely identified family records in this file.

NOTE: Addresses for 1969 were damaged and, therefore, can not be geocoded.

Count	%	Value/Range	Code Value/Range Text
306,189	100.00	1,968 - 2,021	PSID data collection 1968 - 2021 (excluding 1969)

C20FAMID "FAMILY INTERVIEW NUMBER" NUM(5.0)

Yearly PSID Family Interview Number

This variable, in combination with "C20YEAR", uniquely identifies family records.

Count	%	Value/Range	Code Value/Range Text
306,189	100.00	1 - 16,970	Family Interview Number

C20STATE "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

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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

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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

C20COUNTY "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
305,379	99.74	1 - 945	FIPS	county	
718	.23	998	Foreign	country	
92	.03	999	Inap.	or not found	

C20ZIP5 "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
305,087	99.64	1,002 - 99,925	ZIP	code	
718	.23	99,998	Foreign	country	
384	.13	99,999	Inap.	or not found	

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C20MSA "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
243,900	79.66	40 - 9,360	MSA	code	
718	.23	9,998	Foreign	country	
61,571	20.11	9,999	Inap.	or not found	

C20CBSA "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
285,105	93.11	10,100 - 49,820	CBSA	code	
718	.23	99,998	Foreign	country	
20,366	6.65	99,999	Inap.	or not found	

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C20PLACE "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
246,330	80.45	100 - 89,760	FIPS place code
718	.23	99,998	Foreign country
59,141	19.32	99,999	Inap. or not found

C20TRACT "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 information.

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
305,375	99.73	1.00 - 9,930.00	Tract
718	.23	9,999.98	Foreign country
96	.03	9,999.99	Inap. or not found

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C20BLOCK "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
5	.00	1 - 137	Valid block value associated with water only areas -- for more information see https://www.census.gov/programs-surveys/geography/about/glossary.html#par_textimage_5 .
305,370	99.73	1,000 - 9,058	Valid block value/range
718	.23	9,998	Foreign country
96	.03	9,999	Inap. or not found

C20BGROUP "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
5	.00	0	Valid block group value associated with water only areas -- for more information see https://www.census.gov/programs-surveys/geography/about/glossary.html#par_textimage_4 .
305,370	99.73	1 - 9	Block group value/range
718	.23	98	Foreign country
96	.03	99	Inap. or not found

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C20SCORE "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 (C20NOTES) has an associated value, and the sum of these values makes up the value of numeric quality of match (C20SCORE). For more information please search the SAS support website for "proc geocode".

Count	%	Value/Range	Code Value/Range Text
305,379	99.74	-8 - 105	Geocode score value (including None match)
718	.23	998	Foreign country
92	.03	999	Not geocoded

C20NOTES "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 more information please search the SAS support website for "proc geocode".

Count	%	Value/Range	Code Value/Range Text
305,379	99.74	AD - ZC	Token string values for explaining geocode on specific address.
718	.23	98	Foreign country
92	.03	99	None match or not geocoded

C20MATCH "SAS MATCH LEVEL"

NUM(1.0)

This variable shows the category of the geocoding results. For more information please search the SAS support website for "proc geocode".

Count	%	Value/Range	Code Value/Range Text
254,995	83.28	1	Dwelling match
2,994	.98	2	Street match -- without house number or ambiguous house number
47,099	15.38	3	ZIP match
291	.10	4	City match
718	.23	8	Foreign country
92	.03	9	None match