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Codebook for NHGIS data file 'wide\_dp14\_\*'

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Additional documentation on NHGIS data sources is available at:

https://www.nhgis.org/documentation/tabular-data

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Data Description

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This data file contains the variables that are found in segment 14 of the

Census Bureau's 2010 Demonstration Data Product. The 2010 Demonstration Data

Product uses a differentially private algorithm to inject noise into the 2010

decennial census data. This data file facilitates the comparison of the noise-

injected data vs. the original 2010 decennial data.

Technical documentation and raw data files for the 2010 Demonstration Product

can be found at https://www.census.gov/programs-surveys/decennial-census/2020-census/planning-management/2020-census-data-products/2010-demonstration-data-products.html

Segment 14 of the demonstration product contains housing and householder

variables. In particular, segment 14 contains variables from the following

2010 Summary File 1 tables:

H1

H3

H6

H7

H10

H13

This data file is in a wide format. Each record is a geographic unit, and each

column is a variable containing information about that geographic unit. The

column headers consist of two parts. The first six characters describe the

contents of the column, and the last two characters describe the source of the

data in the column. Columns with a "\_dp" suffix come from the 2010

Demonstration Data Product, and columns with a "\_sf" suffix come from 2010

Summary File 1.

IPUMS NHGIS staff created data files for 11 different geographic levels. File

names and their meanings are:

1. wide\_dp14\_040.csv - State

2. wide\_dp14\_050.csv - County

3. wide\_dp14\_060.csv - County subdivision

4. wide\_dp14\_160.csv - Place

5. wide\_dp14\_230.csv - Alaska Native Regional Corporation

6. wide\_dp14\_250.csv - American Indian/Alaska Native Area/Hawaiian Home Land

7. wide\_dp14\_310.csv - Core-based statistical area (CBSA)

8. wide\_dp14\_400.csv - Urban areas

9. wide\_dp14\_500.csv - 111th Congressional district

10. wide\_dp14\_610.csv - State legislative district (upper chamber)

11. wide\_dp14\_620.csv - State legislative district (lower chamber)

The remainder of this codebook describe the contents of each column.

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Data Summary

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Year: 2010

Dataset: 2010 Census: SF 1a - P & H Tables [Blocks & Larger Areas]

NHGIS code: 2010\_SF1a

NHGIS ID: ds172

Breakdown(s): Geographic Subarea:

Total area (00)

Suffix codes: \_dp: differentially private 2010 data

\_sf: summary file 1 2010 data

Tables:

1. Housing Units

Universe: Housing units

Source code: H1

NHGIS code: IFC

2. Occupancy Status

Universe: Housing units

Source code: H3

NHGIS code: IFE

3. Race of Householder

Universe: Occupied housing units

Source code: H6

NHGIS code: IFH

4. Hispanic or Latino Origin of Householder by Race of Householder

Universe: Occupied housing units

Source code: H7

NHGIS code: IFI

5. Total Population in Occupied Housing Units

Universe: Population in occupied housing units

Source code: H10

NHGIS code: IFL

6. Household Size

Universe: Occupied housing units

Source code: H13

NHGIS code: IFO

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Data Dictionary

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Context Fields

gisjoin: GIS Join Match Code

name: Area Name-Legal/Statistical Area Description (LSAD) Term-Part Indicator

Breakdown:

Geographic Subarea: Total area (00)

Table 1: Housing Units

Universe: Housing units

Source code: H1

NHGIS code: IFC

IFC001: Total

Table 2: Occupancy Status

Universe: Housing units

Source code: H3

NHGIS code: IFE

IFE001: Total

IFE002: Occupied

IFE003: Vacant

Table 3: Race of Householder

Universe: Occupied housing units

Source code: H6

NHGIS code: IFH

IFH001: Total

IFH002: Householder who is White alone

IFH003: Householder who is Black or African American alone

IFH004: Householder who is American Indian and Alaska Native alone

IFH005: Householder who is Asian alone

IFH006: Householder who is Native Hawaiian and Other Pacific Islander alone

IFH007: Householder who is Some Other Race alone

IFH008: Householder who is Two or More Races

Table 4: Hispanic or Latino Origin of Householder by Race of Householder

Universe: Occupied housing units

Source code: H7

NHGIS code: IFI

IFI001: Total

IFI002: Not Hispanic or Latino householder

IFI003: Not Hispanic or Latino householder: Householder who is White alone

IFI004: Not Hispanic or Latino householder: Householder who is Black or African American alone

IFI005: Not Hispanic or Latino householder: Householder who is American Indian and Alaska Native alone

IFI006: Not Hispanic or Latino householder: Householder who is Asian alone

IFI007: Not Hispanic or Latino householder: Householder who is Native Hawaiian and Other Pacific Islander alone

IFI008: Not Hispanic or Latino householder: Householder who is Some Other Race alone

IFI009: Not Hispanic or Latino householder: Householder who is Two or More Races

IFI010: Hispanic or Latino householder

IFI011: Hispanic or Latino householder: Householder who is White alone

IFI012: Hispanic or Latino householder: Householder who is Black or African American alone

IFI013: Hispanic or Latino householder: Householder who is American Indian and Alaska Native alone

IFI014: Hispanic or Latino householder: Householder who is Asian alone

IFI015: Hispanic or Latino householder: Householder who is Native Hawaiian and Other Pacific Islander alone

IFI016: Hispanic or Latino householder: Householder who is Some Other Race alone

IFI017: Hispanic or Latino householder: Householder who is Two or More Races

Table 5: Total Population in Occupied Housing Units

Universe: Population in occupied housing units

Source code: H10

NHGIS code: IFL

IFL001: Total

Table 6: Household Size

Universe: Occupied housing units

Source code: H13

NHGIS code: IFO

IFO001: Total

IFO002: 1-person household

IFO003: 2-person household

IFO004: 3-person household

IFO005: 4-person household

IFO006: 5-person household

IFO007: 6-person household

IFO008: 7-or-more-person household

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should include the following citation:

Steven Manson, Jonathan Schroeder, David Van Riper, and Steven Ruggles.

IPUMS National Historical Geographic Information System: Version 14.0

[Database]. Minneapolis, MN: IPUMS. 2019.

http://doi.org/10.18128/D050.V14.0

\* For policy briefs, online resources, or articles in the popular press, we

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