NHGIS

An Integrated Data Portal for ACS Summary Files and a Whole Lot More

Jonathan Schroeder

Research Associate
Minnesota Population Center
University of Minnesota

UNIVERSITY OF MINNESOTA

Minnesota Population Center
Home of the IPUMS, NHGIS, and IHIS

The MPC is one of the world's leading developers of demographic data resources. We provide population data to thousands of researchers, policymakers, teachers, and students. All MPC data are available free over the internet.

Integrated Public Use Microdata Series

IPUMS-International
Harmonized data for 1960 forward, covering 544 million people in 238 censuses from around the world.

IPUMS-USA
Harmonized data on people in the U.S. census and American Community Survey, from 1850 to the present.

IPUMS-CPS
Harmonized data on people in the Current Population Survey, every March from 1962 to the present.

North Atlantic Population Project
Complete-count data from 1800s censuses of Canada, Great Britain, Germany, Iceland, Norway, Sweden, and the U.S.

OTHER MPC Projects

National Historical Geographic Information System
Tabular U.S. census data and GIS boundary files from 1790 to the present.

Integrated Health Interview Series
Annual harmonized data on people in the U.S. National Health Interview Survey from the 1960s to the present.

American Time Use Survey-X
Annual harmonized data from 2003 forward on how U.S. adults divide their time among activities.

Integrated Demographic and Health Series
Demographic and Health Surveys integrated for analysis across time and space, 1980s forward.

Terra Populus
Integrated data on population and the environment, from 1960 to the present.

Welcome to NHGIS | NHG ×

https://www.nhgis.org

NHGIS National Historical Geographic Information System

Welcome to NHGIS

The National Historical Geographic Information System (NHGIS) provides, free of charge, aggregate census data and GIS-compatible boundary files for the United States between 1790 and 2012.

Data

Select Data
Download/Revise Extracts

User Resources

Project Description
User's Guide
FAQ
Data Availability
Mapping Options

Data Documentation

Tabular Data Sources
Time Series Tables
GIS Boundary Files
Release Log

Research

Citation and Use
Related Sites
MPC Bibliography

Contact Us

Technical Assistance
NHGIS Staff

Select Data
Tables & GIS Files

NHGIS News

Time series now include 2008-2012 ACS data

2012 ACS 5-Year Summary File now available

New 2012 & improved 2000 GIS boundary files

<read more>

NHGIS Data Finder Tutorial

NHGIS data finder

https://data2.nhgis.org/main

NHGIS data finder

Filter » Options » Review

Apply Filters

Geographic Levels
Years
Topics
Datasets

How

To view available data, first apply one or more filters. Users may filter on geographic level, year, topic, or dataset.

Reset Filters

No filters selected

0:00 / 2:23

IPUMS-International

IPUMS-USA

IPUMS-CPS

NAPP

IHIS

ATUS-X

Example NHGIS data: census tables *and* boundary files

1840

1940

Chicago

Percent Black
4
20
50

New York

Philadelphia

Los Angeles

New Orleans
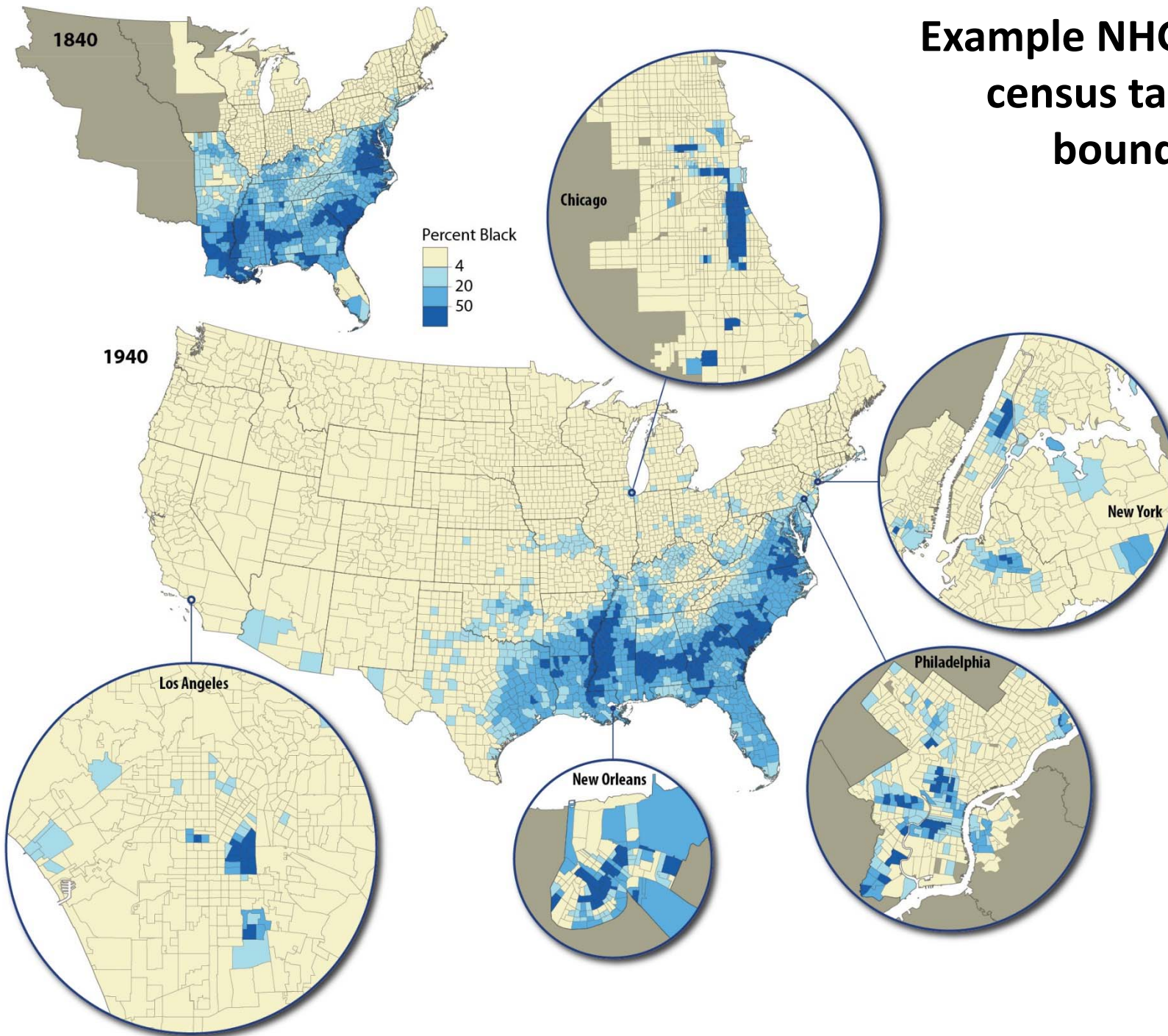
NHGIS project

- Funded by federal grants
  - National Science Foundation
  - Eunice Kennedy Shriver National Institute of Child Health & Human Development (NIH – NICHD)

- Milestones

  2001: Work begun

  2006: Public site goes live

  2011: Site redesigned

  2012: ACS Summary Files added

NHGIS data finder   +

https://data2.nhgis.org/main

NHGIS data finder

Data Cart   clear

Filter » Options » Review

2 source tables
0 time series tables
0 GIS boundary files

Show selections   Continue ⊙

Apply Filters ⓘ

How to use the data finder (pdf) ⤤

Geographic Levels	ⓘ	✓	AND ▾	county AND state
Years	ⓘ	✓	OR ▾	1970 OR 2008-2012
Topics	ⓘ	✓	INCLUDES ▾	Marriage
Datasets	ⓘ			

Reset Filters   ⓘ

Select Data ⓘ

| 68 source tables | 7 time series tables | 5 GIS boundary files |

|◀ ◀◀   Page [1] of 4   ▶▶   ▶| [20 ▾]   View 1 - 20 of 68

	Popularity	Table Name	Universe	Classifications	Year - Dataset ⬍	Breakdowns
⊙	▰▰	NT21A. Sex by Marital Status	Persons 14 Years and Over	Marital Status (5), Sex (2)	1970_Cnt1	
⊙	▰	NT21B. Sex by Marital Status	Negro Persons 14 Years and Over	Marital Status (5), Sex (2)	1970_Cnt1	
⊙	▰▰▰	NT5A. Sex by Age by Marital Status	Persons 14 Years and Over	Age (7), Marital Status (5), Sex (2)	1970_Cnt2	spatial
⊙	▰	NT5B. Sex by Age by Marital Status	White Persons 14 Years and Over	Age (7), Marital Status (5), Sex (2)	1970_Cnt2	spatial
⊙	▰▰	NT5C. Sex by Age by Marital Status	Negro Persons 14 Years and Over	Age (7), Marital Status (5), Sex (2)	1970_Cnt2	spatial
⊙	▰▰	NT18. Persons 14 Years and Over Before and After Substitution by Marital Status	Persons 14 Years and Over Before Allocation	Imputation Status (2), Marital Status (5)	1970_Cnt2	spatial
⊙	▰▰▰	NT111. Marital Status	Persons 14 Years and	Marital Status (6)	1970_Cnt4Pa	spatial

NHGIS data finder   +

https://data2.nhgis.org/main

NHGIS data finder

Filter » Options » Review

Apply Filters ⓘ

How to use the data finder (pdf) ⧉

Geographic Levels	ⓘ	✓	AND ▾	county **AND** state
Years	ⓘ	✓	OR ▾	1970 **OR** 2008-2012
Topics	ⓘ	✓	INCLUDES ▾	Marriage
Datasets	ⓘ			

Reset Filters   ⓘ

Data Cart   clear

2 source tables

0 time series tables

0 GIS boundary files

Show selections   Continue ▸

Select Data ⓘ

| 68 source tables | 7 time series tables | 5 GIS boundary files |

|◀ ◀◀   **Page** [1] **of 4**   ▶▶   ▶| [20 ▾]   View 1 - 20 of 68

	Popularity ⇕	Table Name	Universe	Classifications	Year - Dataset	Breakdowns
✓		B12001. Sex by Marital Status for the Population 15 Years and Over	Population 15 years and over	Marital Status (8), Sex (2)	2008_2012_ACS5a	spatial
⊕		NT111. Marital Status	Persons 14 Years and Over Before Substitution and Allocation	Marital Status (6)	1970_Cnt4Pa	spatial
⊕		NT5A. Sex by Age by Marital Status	Persons 14 Years and Over	Age (7), Marital Status (5), Sex (2)	1970_Cnt2	spatial
✓		NT20. Sex by Marital Status	Persons 14 Years and Over	Marital Status (6), Sex (2)	1970_Cnt4Pb	race-ethnicity, spatial
⊕		NT21A. Sex by Marital Status	Persons 14 Years and Over	Marital Status (5), Sex (2)	1970_Cnt1	
⊕		NT5C. Sex by Age by Marital Status	Negro Persons 14 Years and Over	Age (7), Marital Status (5), Sex (2)	1970_Cnt2	spatial
⊕		NT57. Marital Status by Presence and Age of Own Children	Females 16 Years and	Age Groups for	1970_Cnt4Pb	race-ethnicity

NHGIS data finder | +

https://data2.nhgis.org/main | 8 ▼ Google

jps@umn.edu | account | sign out | exit data finder

NHGIS data finder

Filter » Options » Review

Apply Filters ⓘ

How to use the data finder (pdf) 🔗

Geographic Levels	ⓘ ✅	AND ▼	county AND state
Years	ⓘ ✅	OR ▼	1970 OR 2008-2012
Topics	ⓘ ✅	INCLUDES ▼	Marriage
Datasets	ⓘ		

Reset Filters ⓘ

Data Cart   clear

2 source tables

0 time series tables

2 GIS boundary files

- - - - - - - - - - - - - - - - -

Show selections   Continue ▶

Select Data ⓘ

| 68 source tables | 7 time series tables | **5 GIS boundary files** |

| ◄ ◄◄ | Page | 1 of 1 | ▷▷ ▷│ | 20 ▼ | | View 1 - 5 of 5 |

	Popularity	Year ▲	Geography	Extent	Basis
⊙	▬▬▬	1970	State	United States	2000 TIGER/Line +
⊙	▬▬▬	1970	County	United States	2000 TIGER/Line +
☑	▬▬▬	1970	County	United States	2008 TIGER/Line +
⊙	▬▬▬	2012	State	United States	2012 TIGER/Line +
☑	▬▬▬	2012	County	United States	2012 TIGER/Line +

| ◄ ◄◄ | Page | 1 of 1 | ▷▷ ▷│ | 20 ▼ | | View 1 - 5 of 5 |

Datasets

All

Series Type:

Decennial Census

American Community Survey

Agriculture

Religious Bodies

County Business Patterns

Other

Modern Census Summary Files:

Core Files: 100% Count

Core Files: Sample Based

Special & Supplemental Files

Breakdown Themes:

Geographic Component

Race & Ethnicity

Industry

Occupation

2012 American Community Survey

	2012_ACS1	1-Year Data
	2010_2012_ACS3	3-Year Data [2010-2012]
	2008_2012_ACS5a	5-Year Data [2008-2012, Block
	2008_2012_ACS5b	5-Year Data [2008-2012, Tracts
	2008_2012_ACS5c	5-Year Data [2008-2012, Summ
	2008_2012_ACS5d	5-Year Data [2008-2012, Summ

2011 American Community Survey

	2011_ACS1	1-Year Data
	2009_2011_ACS3	3-Year Data [2009-2011]
	2007_2011_ACS5a	5-Year Data [2007-2011, Block
	2007_2011_ACS5b	5-Year Data [2007-2011, Tracts
	2007_2011_ACS5c	5-Year Data [2007-2011, Summary by Residence 1 Year Ago]
	2007_2011_ACS5d	5-Year Data [2007-2011, Summary by Place of Work]

2010 Census

	2010_PL94171	PL 94-171 Redistricting File
	2010_SF1a	SF 1a - P & H Tables [Blocks & Larger Areas]
	2010_SF1b	SF 1b - PCT & HCT Tables [Tracts & Larger Areas]
	2010_SF1c	SF 1c - PCO Tables (Group Quarters Population Only) [Counties & Larger Areas]
	2010_SF2a	SF 2a - PCT & HCT Tables [Tracts & Larger Areas]
	2010_SF2b	SF 2b - PCO Tables (Group Quarters Population Only) [Counties & Larger Areas]

2010 American Community Survey

	2010_ACS1	1-Year Data
	2008_2010_ACS3	3-Year Data [2008-2010]
	2006_2010_ACS5a	5-Year Data [2006-2010, Block Groups & Larger Areas]
	2006_2010_ACS5b	5-Year Data [2006-2010, Tracts & Larger Areas]
	2006_2010_ACS5c	5-Year Data [2006-2010, Summary by Residence 1 Year Ago]

2.6 terabytes...
194 datasets
22,414 tables
192 million rows
314 billion cells

✖ Cancel   ✔ Submit

https://data2.nhgis.org/main

sign in | exit data finder

NHGIS data finder

Filter » Options » Review

Apply Filters

Geographic Levels

Years

Topics

Datasets

Reset Filters

Continue

Topics ✕

POPULATION

HOUSING

AGRICULTURE

BUSINESS AND INDUSTRY

OTHER SUBJECTS

TECHNICAL

Table Topic Filter ⓘ

Breakdown Filter ⓘ

General
TS Total Population

Core Demographics
TS Age
TS Sex
TS Marriage
Births and Fertility
Deaths

Race, Ethnicity, and Origins
TS Race
TS Hispanic Origin
Ancestry
TS Nativity and Place of Birth
Citizenship
Year of Entry
Language

Location of Residence
TS Urban, Rural, and Farm Status
Place and Metropolitan Status
Migration and Previous Residence

Households, Families, and Group Quarters
TS Households (Termed "Families" before 1940)
TS Families
Subfamilies
TS Relationship to Householder
TS Children in Households
TS Household and Family Size
TS Group Quarters

Education
TS Educational Attainment
School Enrollment
Type of School
Literacy

Employment
TS Labor Force and Employment Status
TS Military Service
Occupation and Industry

✕ Cancel   ✔ Submit

NHGIS data finder | +

🔒 https://data2.nhgis.org/main | ☆ ▾ C | 8 ▾ Google | 🔍 | 🔖 ▾ | ⬇ | 🏠

jps@umn.edu | account | sign out | exit data finder

NHGIS data finder

Filter » Options » Review

Apply Filters ⓘ   How to use the data finder (pdf) ⧉

Geographic Levels	ⓘ	✅	AND ▾	county AND state
Years	ⓘ	✅	OR ▾	1970 OR 2008-2012
Topics	ⓘ	✅	INCLUDES ▾	Marriage
Datasets	ⓘ			

Reset Filters ⓘ

Data Cart   clear

2 source tables
1 time series table
2 GIS boundary files

- - - - - - - - - - - - - - - - - -

Show selections   Continue ▶

Select Data ⓘ

| 68 source tables | **7 time series tables** | 5 GIS boundary files |

		Page 1 of 1 ▸▸ ▸	20 ▾		View 1 - 7 of 7
	Popularity	Table Name ⬍		Years	Geographic Levels
✔	▬▬▬	Persons of Marrying Age* by Sex [2] by Marital Status [6]		1970, 1980, 1990, 2000, 2008-2012	state, county, tract, cty_sub, place
◎	▬	Persons of Marrying Age* by Sex [2] by Marital Status [8]		1970, 1990, 2000, 2008-2012	state, county, tract, cty_sub, place
◎	▬▬	Persons of Marrying Age* by Sex [2] by Marital Status [5] by Age [7]		1970, 1980, 1990, 2000, 2008-2012	state, county, cty_sub
◎	▬	Persons of Marrying Age* by Sex [2] by Marital Status [5] by Age [7]		1970, 2000, 2008-2012	state, county, tract, cty_sub, place
◎	▬▬▬	Persons 15 Years and Over by Sex [2] by Marital Status [5] by Age [11]		1980, 1990, 2000, 2008-2012	nation, region, division, state, county, cty_sub
◎	▬	Persons 15 Years and Over by Sex [2] by Marital Status [5] by Age [12]		1990, 2000, 2008-2012	nation, region, division, state, county, cty_sub
◎	▬	Persons 15 Years and Over by Sex [2] by Marital Status [6] by Age [12]		2000, 2008-2012	nation, region, division, state, county, tract, cty_sub, place
		Page 1 of 1 ▸▸ ▸	20 ▾		View 1 - 7 of 7

NHGIS data finder | +

🔒 https://data2.nhgis.org/main | ⭐ ▽ ⌀ | 8 ▾ Google | 🔍 | 🔖 ▾ ⬇ 🏠

jps@umn.edu | account | sign out | exit data finder

NHGIS data finder | **Data Cart** | clear

Filter » Op...

Apply Fil...

Geographi...

Years

Topics

Datasets

Reset Filte...

Select D...

68 source tab...

Populari...

Time series table details ✖

About time series tables ⬈

Table: Persons of Marrying Age* by Sex [2] by Marital Status [6] (BL1)

Years: 1970, 1980, 1990, 2000, 2008-2012

Time series in table (12):

Persons: Male ~ Never married
Persons: Male ~ Now married
Persons: Male ~ Now married--Not separated
Persons: Male ~ Now married--Separated
Persons: Male ~ Widowed
Persons: Male ~ Divorced
Persons: Female ~ Never married
Persons: Female ~ Now married
Persons: Female ~ Now married--Not separated
Persons: Female ~ Now married--Separated
Persons: Female ~ Widowed
Persons: Female ~ Divorced

Available geographic levels (5):

State
County
Census Tract
County Subdivision
Place

Data sources:

Dataset	Table
1970 Census: Count 2 - 100% Data [Tracts, Urban Areas, Metro Areas, etc.]	NT5A. Sex by Age by Marital Status
1980 Census: STF 1 - 100% Data	NT14. Sex by Marital Status
1990 Census: STF 1 - 100% Data	NP14. Sex by Marital Status

Persons 15 Years and Over by Sex [2] by Marital Status [6] by Age [12]   2000, 2008-2012 | nation, region, division, state, county, tract, cty_sub, place

1 - 7 of 7

place

place

place

county,

county,

I◁ ◁◁ Page 1 of 1 ▷▷ ▷I 20 ▾   View 1 - 7 of 7

NHGIS data finder   +

🔒 https://data2.nhgis.org/main   ☆ ▼ C   🔍 ▼ Google   🔎

jps@umn.edu | account | sign out | exit data finder

NHGIS data finder   **Data Cart**   clear

Filter » Op...

Apply Fil...

Geographi...

Years

Topics

Datasets

Reset Filte...

Select D...

68 source tal...

Time series table details   ✖

About time series tables ⧉

Table: Persons of Marrying Age* by Sex [2] by Marital Status [8] (BB1)

Years: 1970, 1990, 2000, 2008-2012

Time series in table (16):

Persons: Male ~ Never married
Persons: Male ~ Now married
Persons: Male ~ Now married--Married, spouse present
Persons: Male ~ Now married--Married, spouse absent
Persons: Male ~ Now married--Married, spouse absent--Separated
Persons: Male ~ Now married--Married, spouse absent--Other
Persons: Male ~ Widowed
Persons: Male ~ Divorced
Persons: Female ~ Never married
Persons: Female ~ Now married
Persons: Female ~ Now married--Married, spouse present
Persons: Female ~ Now married--Married, spouse absent
Persons: Female ~ Now married--Married, spouse absent--Separated
Persons: Female ~ Now married--Married, spouse absent--Other
Persons: Female ~ Widowed
Persons: Female ~ Divorced

Available geographic levels (5):

State
County
Census Tract
County Subdivision
Place

Data sources:

Dataset	Table

Persons 15 Years and Over by Sex [2] by Marital Status [6] by Age [12]   2000, 2008-2012 | nation, region, division, state, county, tract, cty_sub, place

◄ ◄◄   Page   1 of 1   ►► ►I   20 ▾   View 1 - 7 of 7

Popularit...   1 - 7 of 7

place

place

place

county,

county,

Continue ▶

Time series table details

2000 Census: SF 3a - Sample-Based Data [Areas Larger Than Block Groups]	NP01D. Population 15 Years and Over Now Married by Sex by Now Married Marital Status
2012 American Community Survey: 5-Year Data [2008-2012, Block Groups & Larger Areas]	B12001. Sex by Marital Status for the Population 15 Years and Over

Notes:

100%-Count vs. Sample-Based Data: This table, with 8 Marital Status categories, uses 1970 and 1990 counts from sample-based datasets. NHGIS provides another Sex by Marital Status time series table, with 6 Marital Status categories, that uses somewhat more accurate 100%-count datasets for 1970 and 1990 counts. Therefore, 1970 and 1990 counts will vary somewhat between the two tables, even for corresponding time series.

1970 Negative Values: The 1970 data for this table may include some negative values, which indicate suppressed data. For more information on 1970 suppression codes, see pp. 3-5 in the Electronic Data Processing (EDP) Series section of the *1970 Census Users' Guide*.

Measured features:

Persons

Classification dimensions:

Sex

No known comparability issues for this time period.

Marital Status

- *Marrying Age:** In 1970 marital status tables, the universe is persons of age 14 years and over. In comparable tables from later censuses, the universe is persons 15 years and over. Because the rate of marriage among 14-year-old persons was probably very low in 1970, overall marriage rates derived from these time series may be somewhat diminished in 1970, and rates of unmarried persons somewhat amplified, compared to later years.

Relevant source documentation:

- 1970 Census Users' Guide: Electronic Data Processing (EDP) Series
- 1970 Census Users' Guide: Census Users' Dictionary
- 1990 Census of Population and Housing: Guide, Part B. Glossary
- 2000 Census of Population and Housing: Summary File 1--Technical Documentation: Appendix B. Definitions of Subject Characteristics
- American Community Survey and Puerto Rico Community Survey: 2012 Subject Definitions

NHGIS data finder   +

🔒 https://data2.nhgis.org/summary   ☆ ▽ ℂ   8 ▾ Google   🔍   🔖 ▾   ⬇   🏠

NHGIS data finder

Filter » Options » **Review**

Review and Submit ⓘ

Data File Structure ⓘ

- ◉ Comma delimited (best for GIS)
  - ☐ Include additional descriptive header row (best for spreadsheets)
- ◯ Fixed width (best for statistical packages)

Time Series Tables

1 time series tables

Time Series Table Layout ⓘ

- ◉ Time varies by file
- **NEW** ◯ Time varies by column
- ◯ Time varies by row

Source Tables

2 source tables

1.36 MB

Breakdown/Data Type Layout ⓘ

- ◉ Combine different breakdowns/data types into a single data file
- ◯ Separate different breakdowns/data types into distinct data files

GIS Boundary Files

2 GIS boundary files

Description ⓘ

File | Home | Insert | Page Layout | Formulas | Data | Review | View | Add-Ins

A1 | GISJOIN

	A	B	C	D	E	F	G	H	I	J	K	
1	GISJOIN	YEAR	STATE	STATEA	NAME	BL1AA1970	BL1AB1970	BL1AC1970	BL1AD1970	BL1AE1970	BL1AF1970	B
2	GIS Join Match Code	Data File Year	State Name	State Code	Area Name	Persons: Male ~ Never married	Persons: Male ~ Now married	Persons: Male ~ Now married-- Not separated	Persons: Male ~ Now married-- Separated	Persons: Male ~ Widowed	Persons: Male ~ Divorced	P F m
3	G010	1970	Alabama	1	Alabama	324572	792229	772606	19623	34715	29261	
4	G020	1970	Alaska	2	Alaska	38428	69046	67768	1278	1604	4579	
5	G040	1970	Arizona	4	Arizona	170463	410438	403552	6886	14944	21038	
6	G050	1970	Arkansas	5	Arkansas	170171	464000	454528	9472	23955	19079	
7	G060	1970	California	6	California	2102965	4611973	4488984	122989	170209	315630	
8	G080	1970	Colorado	8	Colorado	230115	510105	501665	8440	17989	26060	
9	G090	1970	Connectic	9	Connectic	306085	706908	692637	14271	31302	21853	
10	G100	1970	Delaware	10	Delaware				4066	5208	4496	
11	G110	1970	District Of	11	District Of				16943	9814	10821	
12	G120	1970	Florida	12	Florida				45569	81012	83596	
13	G130	1970	Georgia	13	Georgia	446917	1050444	1019145	31299	41282	42198	
14	G150	1970	Hawaii	15	Hawaii	104625	169920	167778	2142	6433	8198	
15	G160	1970	Idaho	16	Idaho	69395	169553	167692	1861	6142	8349	
16	G170	1970	Illinois	17	Illinois	1115952	2542632	2486837	55795	122803	108659	
17	G180	1970	Indiana	18	Indiana	477592	1222896	1206358	16538	49784	55706	
18	G190	1970	Iowa	19	Iowa	271540	665781	660244	5537	31358	21556	
19	G200	1970	Kansas	20	Kansas	223168	542632	536569	6063	22798	22475	
20	G210	1970	Kentucky	21	Kentucky	318856	757239	745046	12193	34636	31068	
21	G220	1970	Louisiana	22	Louisiana	370838	793188	765679	27509	36094	25765	
22	G230	1970	Maine	23	Maine	97253	227135	224170	2965	12156	10385	
23	G240	1970	Maryland	24	Maryland	392646	906860	869787	37073	36331	31050	
24	G250	1970	Massachu	25	Massachu	622162	1243732	1217981	25751	66891	41665	
25	G260	1970	Michigan	26	Michigan	872687	2021198	1976907	44291	84358	88150	
26	G270	1970	Minnesot	27	Minnesot	403762	849440	840847	8593	37285	27100	
27	G280	1970	Mississipp	28	Mississipp	222569	480663	465986	14677	25970	15513	

Time varies by file

nhgis0216_ts_1970_state

Ready | 100%

	A	B	C	D	E	F	G	H	I	J	K
1	GISJOIN	YEAR	STATE	STATEA	NAME	BL1AA	BL1AB	BL1AC	BL1AD	BL1AE	BL1AF
2	GIS Join Match Code	Row Source Year	State Name	State Code	Area Name	Persons: Male ~ Never married	Persons: Male ~ Now married	Persons: Male ~ Now married-- Not separated	Persons: Male ~ Now married-- Separated	Persons: Male ~ Widowed	Persons: Male ~ Divorced
3	G010	1970	Alabama	1	Alabama	324572	792229	772606	19623	34715	29261
4	G010	1980	Alabama	1	ALABAMA	375515	904748	879413	25335	37370	75051
5	G010	1990	Alabama	1	Alabama	406140	925748	898827	26921	40619	115510
6	G010	2000	Alabama	1	Alabama	444450	1012430	982641	29789	45857	164061
7	G010	2008-2012	Alabama	1	Alabama	584355	996641	957174	39467	52899	207461
8	G020	1970	Alaska	2	Alaska	38428	69046	67768	1278	1604	4579
9	G020	1980	Alaska	2	ALASKA	53423	89520	87025	2495	1834	12561
10	G020	1990	Alaska	2	Alaska				4146	2541	22187
11	G020	2000	Alaska	2	Alaska				4146	3422	26344
12	G020	2008-2012	Alaska	2	Alaska				5476	4942	32300
13	G040	1970	Arizona	4	Arizona	170463	410438	403552	6886	14944	21038
14	G040	1980	Arizona	4	ARIZONA	286183	636243	621664	14579	21708	65500
15	G040	1990	Arizona	4	Arizona	409976	817459	792947	24512	32270	125206
16	G040	2000	Arizona	4	Arizona	581715	1141032	1109792	31240	50333	192952
17	G040	2008-2012	Arizona	4	Arizona	876661	1293932	1255797	38135	62655	263025
18	G050	1970	Arkansas	5	Arkansas	170171	464000	454528	9472	23955	19079
19	G050	1980	Arkansas	5	ARKANSA	200864	558303	544680	13623	24086	44078
20	G050	1990	Arkansas	5	Arkansas	209851	563189	548531	14658	24977	70529
21	G050	2000	Arkansas	5	Arkansas	245874	636346	619624	16722	27611	105763
22	G050	2008-2012	Arkansas	5	Arkansas	330745	630722	607327	23395	33244	134161
23	G060	1970	California	6	California	2102965	4611973	4488984	122989	170209	315630
24	G060	1980	California	6	CALIFORN	2938148	5260299	5049511	210788	194463	640946
25	G060	1990	California	6	California	4034185	6348675	6096047	252628	237667	897477
26	G060	2000	California	6	California	4343790	7205642	6949183	256459	278180	1017057
27	G060	2008-2012	California	6	California	5778554	7400001	7123855	276146	311362	1172808

Time varies by row

nhgis0217_ts_state

Spreadsheet: nhgis0215_ts_state.csv [Read-Only] — Microsoft Excel non-commercial use

Cell A1: GISJOIN

	A	B	C	D	E	F	G	H	I	J
1	GISJOIN	STATE	STATEA	BL1AA1970	BL1AA1980	BL1AA1990	BL1AA2000	BL1AA125	BL1AA125M	BL1AB1970
2	GIS Join Match Code	State Name	State Code	1970: Persons: Male ~ Never married	1980: Persons: Male ~ Never married	1990: Persons: Male ~ Never married	2000: Persons: Male ~ Never married	2008-2012: Persons: Male ~ Never married	Margin of error: 2008-2012: Persons: Male ~ Never married	1970: Persons: Male ~ Now married
3	G010	Alabama	10	324572	375515	406140	444450	584355	4261	792229
4	G020	Alaska	20	38428	53423	67827	78955	105333	1532	69046
5	G040	Arizona	40	170463	286183	409976	581715	876661	5440	410438
6	G050	Arkansas	50	170171	200864	209851	245874	330745	3312	464000
7	G060	California	60	2102965	2938148	4034185	4343790	5778554	18439	4611973
8	G080	Colorado	80	230115	341985	373157	516816	678866	4145	510105
9	G090	Connecticut	90					96941	3768	706908
10	G100	Delaware	100					22851	1650	126479
11	G110	District Of Co	110					42162	1558	142605
12	G120	Florida	120					63294	14356	1687636
13	G130	Georgia	130					99191	7312	1050444
14	G150	Hawaii	150					05985	2060	169920
15	G160	Idaho	160					72169	2427	169553
16	G170	Illinois	170	1115952	1318480	1395167	1495795	1838840	9371	2542632
17	G180	Indiana	180	477592	541264	569459	643222	814989	5228	1222896
18	G190	Iowa	190	271540	301518	281081	318000	375129	2818	665781
19	G200	Kansas	200	223168	241362	244866	281338	345753	3010	542632
20	G210	Kentucky	210	318856	358353	361278	401465	518929	4039	757239
21	G220	Louisiana	220	370838	450684	464285	514633	633702	4170	793188
22	G230	Maine	230	97253	116576	126930	132473	163254	1650	227135
23	G240	Maryland	240	392646	501319	587368	610852	814952	4997	906860
24	G250	Massachuse	250	622162	743825	832633	817954	981462	5728	1243732
25	G260	Michigan	260	872687	1036241	1078995	1159693	1352844	6714	2021198
26	G270	Minnesota	270	403762	484050	504483	591866	716441	4620	849440
27	G280	Mississippi	280	222569	252992	275422	319922	388559	3394	480663

Time varies by column: Areas linked by names or codes across time

Sheet tab: nhgis0215_ts_state

# Tables	Available time series tables... Tabulation Type	# Tables	Tabulation Type
3	Total Persons (1790-2012)	6	Persons by Household Type by Relationship to Householder
2	Persons by Urban/Rural Status	5	Persons by Household Type by Relationship to Householder by Age
2	Persons by Sex (1820-2012)	7	Persons by Marital Status by Sex (by Age)
4	Persons by Age	1	Persons by Nativity
1	Median Age of Persons	13	Persons by Nativity by Place of Birth
4	Persons by Sex by Age	5	Persons by Labor Force, Employment and Armed Forces Status (by Age)
1	Median Age of Persons by Sex	6	Persons by Labor Force, Employment and Armed Forces Status by Sex (by Age)
10	Persons by Race	5	Persons by Educational Attainment
4	Persons by Race by Sex	7	Persons by Educational Attainment by Sex (by Age)
28	Persons by Race by Age	4	Households by Income in Previous Year
13	Persons by Race by Sex by Age	1	Median Household Income in Previous Year
4	Persons by Hispanic or Latino Origin	4	Families by Income in Previous Year
2	Persons by Hispanic or Latino Origin by Sex by Age	1	Median Family Income in Previous Year
4	Persons by Hispanic or Latino Origin by Race	1	Per Capita Income in Previous Year
6	Persons by Household, Family and Group Quarters Type	1	Total Housing Units
4	Persons by Household and Group Quarters Type by Sex	2	Persons by Housing Tenure
7	Persons by Household and Group Quarters Type by Age	2	Housing Units by Urban/Rural Status
7	Persons by Household and Group Quarters Type by Sex by Age	6	Occupied Housing Units (by Tenure) by Race of Householder
1	Total Households	6	Housing Units by Occupancy/Vacancy/Tenure
1	Households by Household Type by Household Size	3	Occupied Housing Units (by Tenure) by Household Size
1	Total Families		
2	Families by Family Type by Presence and Age of Own Children		

# Tables	Tabulation Type
3	Total Persons *(1790-2012)*
2	Persons by Urban/Rural Status
2	Persons by Sex *(1820-2012)*
4	Persons by Age
1	Median Age of Persons
4	Persons by Sex by Age
1	Median Age of Persons by Sex
10	Persons by Race
4	Persons by Race by Sex
28	Persons by Race by Age
13	Persons by Race by Sex by Age
4	Persons by Hispanic or Latino Origin
2	Persons by Hispanic or Latino Origin by S...
4	Persons by Hispanic or Latino Origin by R...
6	Persons by Household, Family and Group ... Type
4	Persons by Household and Group Quarters Type by Sex
7	Persons by Household and Group Quarte... Age
7	Persons by Household and Group Quarte... Sex by Age
1	Total Households
1	Households by Household Type by House...
1	Total Families
2	Families by Family Type by Presence and Age of Own Children

3	Occupied Housing Units (by Tenure) by Household Size

Years: 1970 to 2010/2012 (mostly)

Geographic levels:
Tracts, Places, County Subs, Counties, States, Regions, Divisions, Nation

Released:
197 time series tables
>3,000 time series
>27,000 links to source variables

Prepared:
795 time series tables
>11,000 time series
>93,000 links to source variables

ACS data in NHGIS

- **1**-, **3**-, and **5-Year** Summary Files for **2010**, **2011**, **2012**
  - Presently: **2009 5-year**, too
  - Other older Summary Files are coming soon
- Future releases: within ~4 weeks of Census
- Includes *geographic components*
  - Urban/rural, metro/non, …
- Long-term plan: add Selected Population Tables & AIAN Summary Files

ACS data in NHGIS

Features not available through FactFinder:

- Block group data

- Nationwide extents for all summary levels
  - Block groups also available by state

- Estimates & margins of error in combined or separate files

- Download either CSV or fixed width files

  …with control files for stats packages

ACS data in NHGIS time series

- Currently:
  - 2008-2012 5-year ACS linked to 1970-2000 decennial data
  - Time series include ACS MOE's
- In future:
  - ACS-only time series?
  - 1-year, 3-year, 5-year?

Other key NHGIS features

- Tables *and* boundaries, historical *and* recent

- Integrated interface

  - Explore all years, levels & data types at once

  - Sort all by popularity

  - Download any combination at once

- 100% free!

Also in the works…

- Spatially standardized data
    - Estimates for fixed 2010 census areas
- Historical boundaries conflated to 2010 TIGER
- Points for historical places & county subs
- State-extent selection for all sub-state summary levels
- Faster extract system
- County and state-level vital statistics
- Complete Census of Agriculture data

Suggestions for the ACS

- Please release Summary File metadata tables in spreadsheets
    - Several are only in PDF Tech Docs
- Consider linking to redistributors on Census website
- Avoid identifying multi-year data by last year
    - High rate of "2010 5-year" data requests on NHGIS, along with decennial data, suggests many users view them as "2010 estimates"