

TAHPDX: TEACHING AMERICAN HISTORY PROJECT

A partnership between Portland State University, Portland Public Schools and the Beaverton School District, funded by the U.S. Department of Education

US CENSUS: SLAVE AND FREE COLORED POPULATION GIS PROJECT (1790-1860) METADATA

The Slave_FreeColor data is also compiled in a poster (<Slv_Prcnt_Map2.pdf>) that can be downloaded from the TAHPDX: Teaching American History Project website (Google TAHPDX to find the home page link).

This dataset prepared as part of the Teaching American History Project (2002-05 and 2005-08), a partnership between Portland State University and Portland Public Schools, funded by the U.S. Department of Education.

Permission to use this dataset is given for educational and research purposes only. When using the data, please reference the Community Geography Project, Institute of Portland Metropolitan Studies, Portland State University.

Contact:

Diane Besser, TAH Coordinator	tahpdx@pdx.edu
Community Geography Project	503-725-5170
Institute of Portland Metropolitan Studies	http://www.pdx.edu/ims/comgeo.html
College of Urban and Public Affairs	
Portland State University	
PO Box 751 Portland OR 97207	

Date: May 2007

Description: The Slave/Free Color GIS projects display the population of slaves and free colored persons as a percentage of the total population in a county for the census years 1790-1860. Of interest is the expansion of the number of slaves in the Deep South – often attaining a percentage much greater than the “white” population in that county.

Filename: Slave_FreeColor.apr; Slave_FreeColor.pmf

Format: ArcView 3.3; ArcReader 9.0

Source: U.S. Census 1790-1860. Census data downloaded from the Inter-University Consortium for Political and Social Research (ICPSR-2896) at <http://www.icpsr.umich.edu/>.

Data Manipulation:

The census data for the period 1790-1870 (ICPSR-2896) were downloaded in SPSS format. Key fields from the period 1790-1860 (the first federal census and the last prior to the Civil War) were excerpted from the dataset that covered issues regarding the population of slaves and free-colored as well as slave-holding families. After exporting into a MSEXcel spreadsheet, the data were separated by census year, converted into DBF files, and joined to a corresponding GIS-

ready historic county boundary file using the FIPS code. Data layers include the years 1790, 1800, 1810, 1820, 1830, 1840, 1850 and 1860. Attributes available on the subject matter for each census year are listed below.

Attributes:

1790 U.S. CENSUS: SLAVE AND FREE COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)
name	Name of county
totpop	Total population 1790
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
nwtot	Total non-white population
ofptot	Total other free persons (excluding Indians not taxed)
stot	Total slave population
sfam	Number of slave-holding families
nsfam	Number of non-slave-holding families
pctswfam	Percent of white slave-holding families
pctnswfa	Percent of white non-slave-holding families
avslfam	Average number of slaves per slave-holding family
slh19	Number of families with 1-9 slaves
slh1049	Number of families with 10-49 slaves
slh5099	Number of families with 50-99 slaves
slh200	Number of families with 100-299 slaves
slh300	Number of families with 300+ slaves
slhunk	Number of families holding an unknown number of slaves
slhtot	Total number of families with slaves

1800 U.S. CENSUS: SLAVE AND FREE COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)
name	Name of county
totpop	Total population 1800
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
nwtot	Total black/non-white population
ofptot	Total other free persons (excluding Indians not taxed)
stot	Total slave population

1810 U.S. CENSUS: SLAVE AND FREE COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)
name	Name of county
totpop	Total population 1810
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
nwtot	Total black/non-white population
stot	Total slave population

1820 U.S. CENSUS: SLAVE AND FREE COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)
name	Name of county
totpop	Total population 1820
mtot	Total male population
ftot	Total female population
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
nwtot	Total black/non-white population
stot	Total slave population
smtot	Total male slave population
sftot	Total female slave population
fctot	Total free-colored population
fcmtot	Total male free-colored population
fcftot	Total female free-colored population
sm013	Total male slave population 0-13 years old
sm1425	Total male slave population 14-25 years old
sm2644	Total male slave population 26-44 years old
sm45	Total male slave population 45+ years old
sf013	Total female slave population 0-13 years old
sf1425	Total female slave population 14-25 years old
sf2644	Total female slave population 26-44 years old
sf45	Total female slave population 45+ years old
fcm013	Total male free-colored population 0-13 years old
fcm1425	Total male free-colored population 14-25 years old
fcm2644	Total male free-colored population 26-44 years old
fcm45	Total male free-colored population 45+ years old
fcf013	Total female free-colored population 0-13 years old
fcf1425	Total female free-colored population 14-25 years old

fcf2644	Total female free-colored population 26-44 years old
fcf45	Total female free-colored population 45+ years old

1830 U.S. CENSUS: SLAVE AND FREE-COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)
name	Name of county
totpop	Total population 1830
mtot	Total male population
ftot	Total female population
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
nwtot	Total black/non-white population
nwmtot	Total black/non-white male population
nwftot	Total black/non-white female population
stot	Total slave population
smtot	Total male slave population
sftot	Total female slave population
fctot	Total free-colored population
fcmtot	Total male free-colored population
fcftot	Total female free-colored population
sm09	Total male slave population 0-9 years old
sm1023	Total male slave population 10-23 years old
sm2454	Total male slave population 24-54 years old
sm55	Total male slave population 55+ years old
sf09	Total female slave population 0-9 years old
sf1023	Total female slave population 10-23 years old
sf2454	Total female slave population 24-54 years old
sf55	Total female slave population 55+ years old
fcm09	Total male free-colored population 0-9 years old
fcm1023	Total male free-colored population 10-23 years old
fcm2454	Total male free-colored population 24-54 years old
fcm55	Total male free-colored population 55+ years old
fcf09	Total female free-colored population 0-9 years old
fcf1023	Total female free-colored population 10-23 years old
fcf2454	Total female free-colored population 24-54 years old
fcf55	Total female free-colored population 55+ years old

1840 U.S. CENSUS: SLAVE AND FREE-COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
statefip	State FIPS code (for state sorting)

name	Name of county
totpop	Total population 1840
mtot	Total male population
ftot	Total female population
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
stot	Total slave population
smtot	Total male slave population
sftot	Total female slave population
fctot	Total free-colored population
fcmtot	Total male free-colored population
fcftot	Total female free-colored population
sm09	Total male slave population 0-9 years old
sm1023	Total male slave population 10-23 years old
sm2454	Total male slave population 24-54 years old
sm55	Total male slave population 55+ years old
sf09	Total female slave population 0-9 years old
sf1023	Total female slave population 10-23 years old
sf2454	Total female slave population 24-54 years old
sf55	Total female slave population 55+ years old
fcm09	Total male free-colored population 0-9 years old
fcm1023	Total male free-colored population 10-23 years old
fcm2454	Total male free-colored population 24-54 years old
fcm55	Total male free-colored population 55+ years old
fcf09	Total female free-colored population 0-9 years old
fcf1023	Total female free-colored population 10-23 years old
fcf2454	Total female free-colored population 24-54 years old
fcf55	Total female free-colored population 55+ years old

1850 U.S. CENSUS: SLAVE AND FREE-COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
name	Name of county
totpop	Total population 1850
mtot	Total male population
ftot	Total female population
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
stot	Total slave population
smtot	Total male slave population
sftot	Total female slave population
fctot	Total free-colored population
fcmtot	Total male free-colored population

fctot	Total female free-colored population
sm09	Total male slave population 0-9 years old
sm1029	Total male slave population 10-29 years old
sm3059	Total male slave population 30-59 years old
sm60	Total male slave population 60+ years old
smunk	Total male slave population age unknown
sf09	Total female slave population 0-9 years old
sf1029	Total female slave population 10-29 years old
sf3059	Total female slave population 30-59 years old
sf60	Total female slave population 60+ years old
sfunk	Total female slave population age unknown
fcm09	Total male free-colored population 0-9 years old
fcm1029	Total male free-colored population 10-29 years old
fcm3059	Total male free-colored population 30-59 years old
fcm60	Total male free-colored population 60+ years old
fcmunk	Total male free-colored population age unknown
fcf09	Total female free-colored population 0-9 years old
fcf1029	Total female free-colored population 10-29 years old
fcf3059	Total female free-colored population 30-59 years old
fcf60	Total female free-colored population 60+ years old
fcfunk	Total female free-colored population age unknown

1860 U.S. CENSUS: SLAVE AND FREE-COLORED POPULATION

<i>Code</i>	<i>Description</i>
fips	FIPS code for state and county
name	Name of county
totpop	Total population 1860
mtot	Total male population
ftot	Total female population
whtot	Total white population
wmtot	Total white male population
wftot	Total white female population
stot	Total slave population
smtot	Total male slave population
sftot	Total female slave population
fctot	Total free-colored population
fcmtot	Total male free-colored population
fctot	Total female free-colored population
sm09	Total male slave population 0-9 years old
sm1029	Total male slave population 10-29 years old
sm3059	Total male slave population 30-59 years old
sm60	Total male slave population 60+ years old
smunk	Total male slave population age unknown
sf09	Total female slave population 0-9 years old
sf1029	Total female slave population 10-29 years old

sf3059	Total female slave population 30-59 years old
sf60	Total female slave population 60+ years old
sfunk	Total female slave population age unknown
fcm09	Total male free-colored population 0-9 years old
fcm1029	Total male free-colored population 10-29 years old
fcm3059	Total male free-colored population 30-59 years old
fcm60	Total male free-colored population 60+ years old
fcmunk	Total male free-colored population age unknown
fcf09	Total female free-colored population 0-9 years old
fcf1029	Total female free-colored population 10-29 years old
fcf3059	Total female free-colored population 30-59 years old
fcf60	Total female free-colored population 60+ years old
fcfunk	Total female free-colored population age unknown
slh19	Number of families with 1-9 slaves
slh1049	Number of families with 10-49 slaves
slh5099	Number of families with 50-99 slaves
slh200	Number of families with 100-299 slaves
slh300	Number of families with 300+ slaves
slhtot	Total number of families with slaves

Spatial Extent: Contiguous United States (excluding Hawaii and Alaska)

Projection:

Projected Coordinate System: USA_Contiguous_Lambert_Conformal_Conic

Projection: Lambert_Conformal_Conic

False_Easting: 0.00000000

False_Northing: 0.00000000

Central_Meridian: -96.00000000

Standard_Parallel_1: 33.00000000

Standard_Parallel_2: 45.00000000

Latitude_Of_Origin: 39.00000000

Linear Unit: Meter

Geographic Coordinate System: GCS_North_American_1983

Datum: D_North_American_1983

Prime Meridian: Greenwich

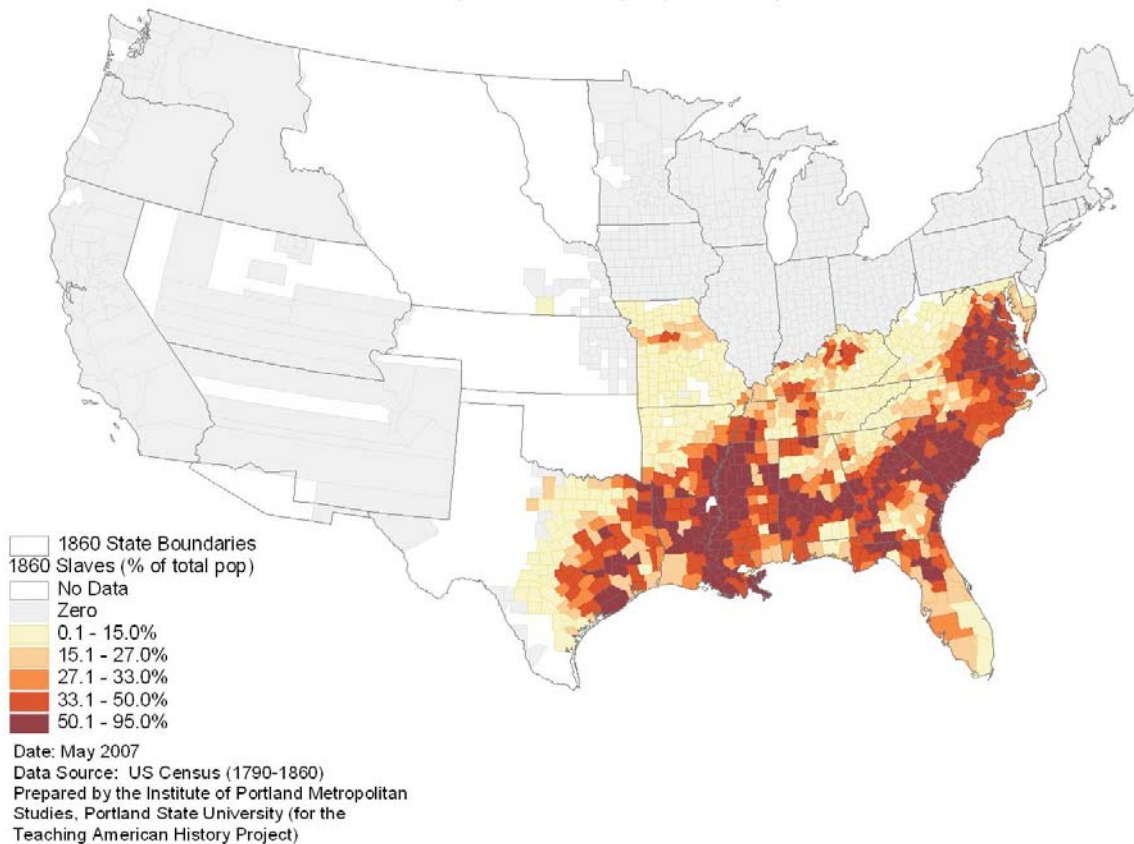
Angular Unit: Degree

ArcView 3.3 and ArcReader GIS Projects:

The Slave_FreeColor GIS Projects include the following data layers. Download using the TAHPDX website <Quick Navigation/Map & Data Resources> link on the side menu bar or the <Historical GIS Data> webpage. Refer to the README text files for installation and project launching instructions:

- 1790 Slaves and Free Color Population (<1790 slaves lambert.shp>)
- 1800 Slaves and Free Color Population (<1800 slaves lambert.shp>)
- 1810 Slaves and Free Color Population (<1810 slaves lambert.shp>)
- 1820 Slaves and Free Color Population (<1820 slaves lambert.shp>)
- 1830 Slaves and Free Color Population (<1830 slaves lambert.shp>)
- 1840 Slaves and Free Color Population (<1840 slaves lambert.shp>)
- 1850 Slaves and Free Color Population (<1850 slaves lambert.shp>)
- 1860 Slaves and Free Color Population (<1860 slaves lambert.shp>)
- 1790 County Boundaries (<1790_states_lambert.shp>)
- 1800 County Boundaries (<1800_states_lambert.shp>)
- 1810 County Boundaries (<1810_states_lambert.shp>)
- 1820 County Boundaries (<1820states_lambert.shp>)
- 1830 County Boundaries (<1830_states_lambert.shp>)
- 1840 County Boundaries (<1840_states_lambert_mod.shp>)
- 1850 County Boundaries (<1850_states_lambert.shp>)
- 1860 County Boundaries (<1860_states_lambert.shp>)

Slaves as a Percent of Total Population By County (1860)



This data supports a curriculum unit that looks at the popular and congressional debates concerning:

1. The gradual elimination of the institution of slavery in the northern states.
2. The Congressional debates about how to count slaves (e.g. 3/5 Clause) in order to determine state representation.
3. Issues of boundaries. Where is the Mason-Dixon Line and how did the institution of slavery determine its location? To what extent did the number of slaves in a particular state/county influence how that state reacted to or supported cession from the union?
4. The expansion of slavery into the western territories. White territories/states would be slave states or free soil? Why or why not?
5. Issues of power and politics. How did the White South respond to the population dynamics? How did a possible slave rebellion influence Southern politics and economics? Why didn't the slaves rebel if their population so outnumbered their white masters?
6. The maps show a sometimes significant population of "free colored" blacks in the slave states (for example, Louisiana and Virginia). How might this have influenced politics in these states? What might their lives have been like? How could these people have exercised political or social influence in these areas?

Additional Uses of the Data and GIS Layers:

The prepared project uses the slave total (STOT) and free-color total (FCTOT) from the U.S. census for the years 1790 through 1860 to classify the various layers (themes). However, the layers contain additional fields that may be used for other classification schemes (this is possible in the ArcView 3.3 GIS project).

Plantation Owners: For example, you could create another "View" in the ArcView project that displays the distribution of large slave-holding families (available in 1790 and 1860 datasets) and look at the congressional representatives from those areas. How might their politics be influenced by these large plantation owners?

Age Ranges: The census years 1820-1860 also include age data that would allow you to look at the range of ages for the slave population. How many potential new black "voters" would have been added to the southern states in the year 1870? How might the significance of these numbers have contributed to the various schemes (e.g. literacy tests) instigated to try to prevent voting eligibility?

NOTE: The census for these years was taken by a census enumerator (not self reported). For a description of the instructions given to the census workers (particularly on the definition of "free colored" and "other free persons") see the PDF file <Measuring America.pdf> located in the Slave_FreeColor Project Folders.