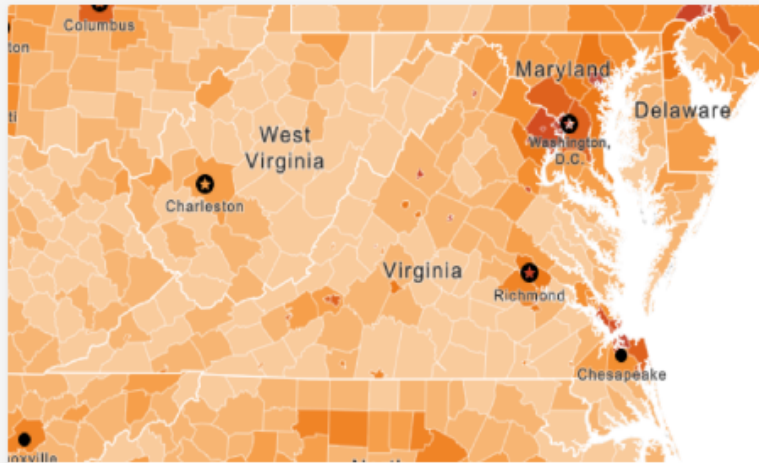
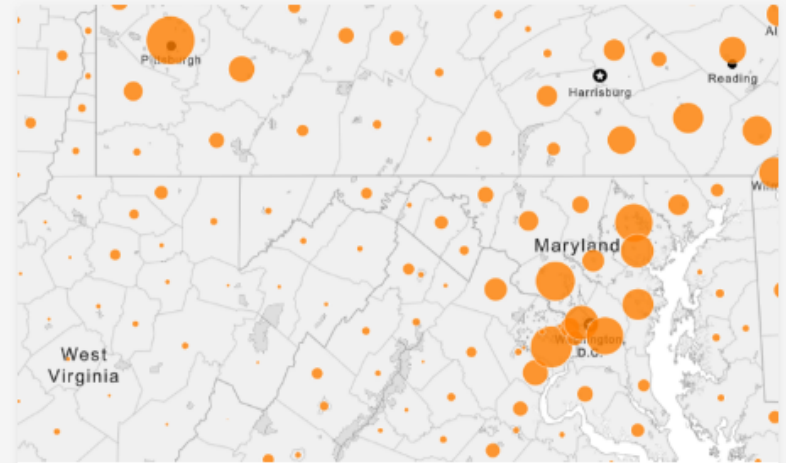


CITY 185 Visualizing Census Data



U.S. Decennial Censuses on 2010 Geographies

This unique dataset gives you a chance to explore and compare decennial census data from 1970 to 2000 on 2010 geography. This dataset makes it easy to track demographic changes in the United States



U.S. Citizen Voting Age Population

Explore the Citizen Voting Age Population data from 2000 to 2015 on multiple geographic levels, including areas as small as tracts and block groups.

Laura Surtees

Research and Instruction Librarian

lsurtees@brynmawr.edu

What is the census?

- The process by which the government counts all the people living in United States
- Enshrined in the constitution
- Decennial Census happens every 10 years on April 1 since 1790
- Age, sex, race, Hispanic origin, household relationship, housing tenure (own/rent)

Every year since 2005, a sample of the population is given the **American Community Survey** that documents social, economic, demographic and housing characteristics

The American Community Survey

How is the American Community Survey Different from a Census?

	ACS	Census
<i>Purpose</i>	Sample estimates	Official counts
<i>Collects</i>	Detailed social, economic, housing, and demographic characteristics	Basic demographics
<i>Produces</i>	Population and housing characteristics	Population and housing totals
<i>New Data Every</i>	Year	10 years
<i>Data Reflect</i>	Period of time	Point in time

Social, economic, housing and demographic characteristics of America's communities

The American Community Survey Content Overview

POPULATION		HOUSING
SOCIAL Ancestry Citizenship Disability Educational Attainment Fertility Grandparents Language Marital Status Migration School Enrollment Veterans	DEMOGRAPHIC Age Hispanic Origin Race Relationship Sex ECONOMIC Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Hours/Week, Weeks/Year Income Industry & Occupation	Computer & Internet Use Costs (Mortgage, Rent, Taxes, Insurance) Heating Fuel Home Value Occupancy Plumbing/Kitchen Facilities Structure Tenure (Own/Rent) Utilities Vehicles Year Built/ Year Moved In

How is ACS census data used?

To reflect what the communities look like, how communities have changed and how those changes impact our daily lives

Determine the needs of the community: new roads, schools, after-school programs, parks, hospitals, community programming, business plans, housing, food assistance programs, occupation trends, education, transportation routes, commute time, etc

Using and Interpreting Census Data

ACS sent to 3.5 million addresses per year; sample of the population

1-year estimates

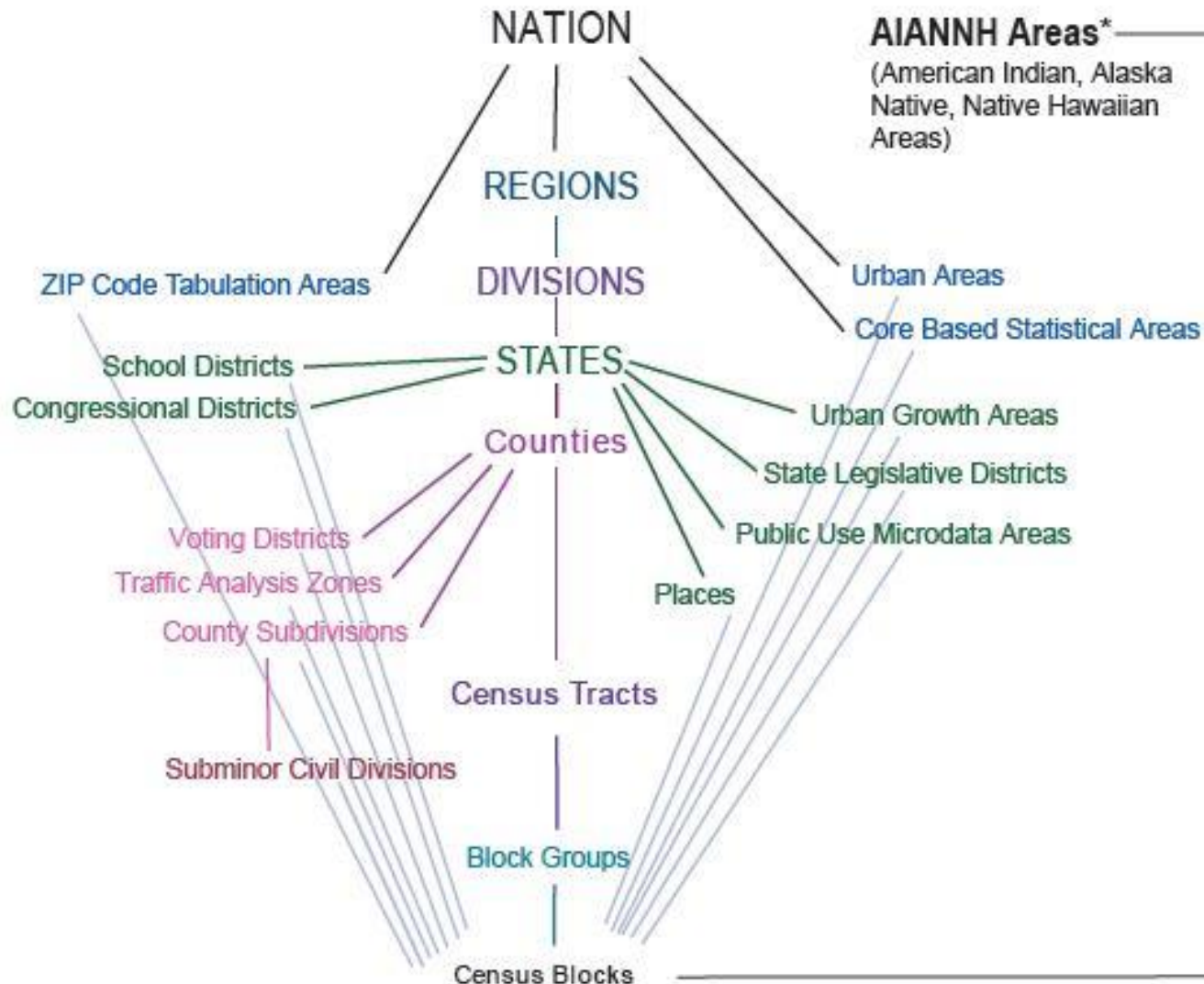
- Data not available for census tract and block group
- Good for identifying rapidly changing characteristics
- Larger margin of error because smaller sample

5-year estimates

- Data available at census tract and block group level
- Combination of estimates over 5-year time
- Increase statistical reliability over 1-year estimates

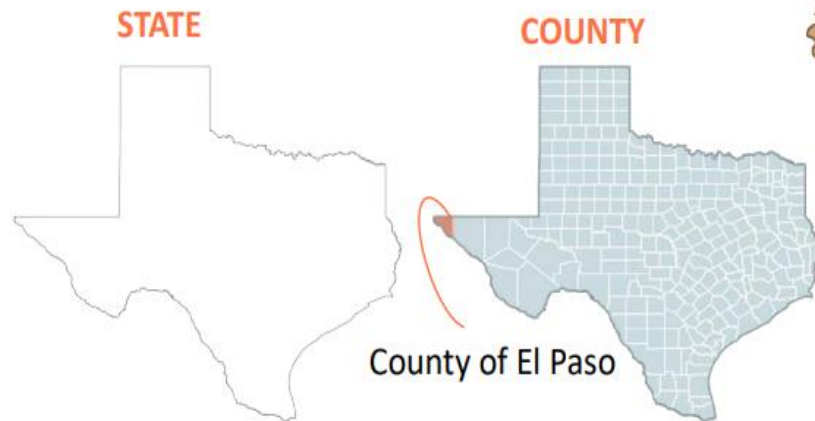
Monetary Data: when comparing over time, need to adjust data for inflation based on national-level consumer price index

Census Geographies



Census Geographies

The American Community Survey Selected Census Geographic Concepts

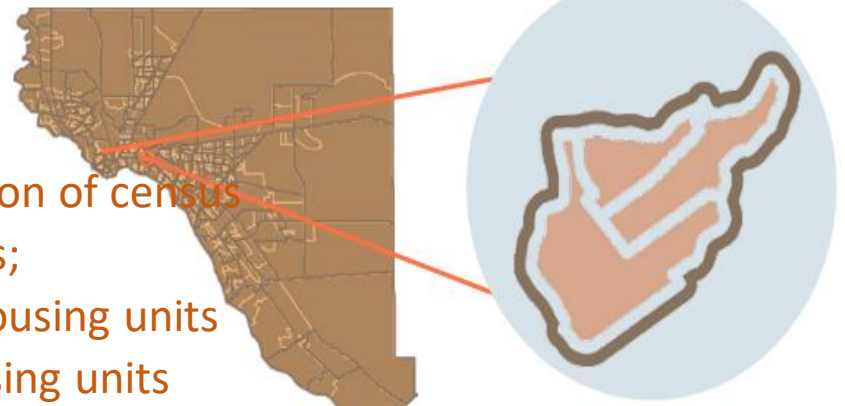


CENSUS TRACT



Census tracts: small statistic subdivisions within a county with 1200-8000 people, e.g. small towns, rural areas and neighborhoods

BLOCK GROUP



Census block groups: subdivision of census tract, more like neighborhoods; between 600 people or 240 housing units and 3000 people or 1200 housing units

Understanding Changes in Neighborhoods or Towns

- Population increases
- Median household income
- Median house value
- Racial or ethnic data
- Level of education
- Crime
- Availability of rental properties or affordable housing
- Location of hospitals, schools, grocery stores, amenities
- Transportations and road infrastructure

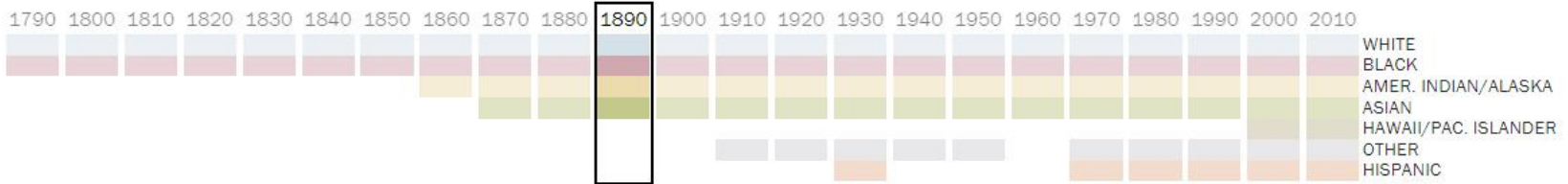
Using Historical Census Data

- Focus on the decennial census
- Limited categories and information
- Less information about socioeconomic categories than ACS
- Data collection and questions asked changed from decade to decade (issues for comparison)
- Reflect political and social ideologies of the time

Racial categories over time

🚩 **1960 onward:** People could choose their own race

🚩 **2000 onward:** Americans could be recorded in more than one race category on the census form.



1890

AMERICANS WERE RECORDED IN THESE RACE/ETHNICITY CATEGORIES ON THE CENSUS FORM.

White

Black

Mulatto [+]

Quadroon [+]

Octoroon [+]

Indian [+]

Chinese

Japanese

2020

LATEST CENSUS

White [+]

Black or African American [+]

American Indian or Alaska Native

Chinese

Japanese

Filipino

FAMILY SCHEDULE—I TO 10 PERSONS.

[1-1962]

Eleventh Census of the United States.

SCHEDULE No. 1.

POPULATION AND SOCIAL STATISTICS.

Inspector's District No. _____

Enumerators District No. _____

Household (see instructions)

Serial (see instructions)

County _____

State _____

Street and No. _____

Ward _____

Tract or Subdivision _____

Enumerated by me on the _____ day of _____, 1960.

L-1001

Revised 1960

A—Number of Persons in household on date of census	B—Number of Persons 18 and over	C—Number of Persons 65 and over	D—Number of Persons in family born in United States	E—Number of Persons in the family born abroad
1	2	3	4	5
<p>1. Name of head of household</p> <p>2. Name of spouse of head of household</p> <p>3. Name of child of head of household</p> <p>4. Name of other person in household</p> <p>5. Name of other person in household</p> <p>6. Name of other person in household</p> <p>7. Name of other person in household</p> <p>8. Name of other person in household</p> <p>9. Name of other person in household</p> <p>10. Name of other person in household</p> <p>11. Name of other person in household</p> <p>12. Name of other person in household</p> <p>13. Name of other person in household</p> <p>14. Name of other person in household</p> <p>15. Name of other person in household</p> <p>16. Name of other person in household</p> <p>17. Name of other person in household</p> <p>18. Name of other person in household</p> <p>19. Name of other person in household</p> <p>20. Name of other person in household</p> <p>21. Name of other person in household</p> <p>22. Name of other person in household</p> <p>23. Name of other person in household</p> <p>24. Name of other person in household</p> <p>25. Name of other person in household</p> <p>26. Name of other person in household</p> <p>27. Name of other person in household</p> <p>28. Name of other person in household</p> <p>29. Name of other person in household</p> <p>30. Name of other person in household</p> <p>31. Name of other person in household</p> <p>32. Name of other person in household</p> <p>33. Name of other person in household</p> <p>34. Name of other person in household</p> <p>35. Name of other person in household</p> <p>36. Name of other person in household</p> <p>37. Name of other person in household</p> <p>38. Name of other person in household</p> <p>39. Name of other person in household</p> <p>40. Name of other person in household</p> <p>41. Name of other person in household</p> <p>42. Name of other person in household</p> <p>43. Name of other person in household</p> <p>44. Name of other person in household</p> <p>45. Name of other person in household</p> <p>46. Name of other person in household</p> <p>47. Name of other person in household</p> <p>48. Name of other person in household</p> <p>49. Name of other person in household</p> <p>50. Name of other person in household</p> <p>51. Name of other person in household</p> <p>52. Name of other person in household</p> <p>53. Name of other person in household</p> <p>54. Name of other person in household</p> <p>55. Name of other person in household</p> <p>56. Name of other person in household</p> <p>57. Name of other person in household</p> <p>58. Name of other person in household</p> <p>59. Name of other person in household</p> <p>60. Name of other person in household</p> <p>61. Name of other person in household</p> <p>62. Name of other person in household</p> <p>63. Name of other person in household</p> <p>64. Name of other person in household</p> <p>65. Name of other person in household</p> <p>66. Name of other person in household</p> <p>67. Name of other person in household</p> <p>68. Name of other person in household</p> <p>69. Name of other person in household</p> <p>70. Name of other person in household</p> <p>71. Name of other person in household</p> <p>72. Name of other person in household</p> <p>73. Name of other person in household</p> <p>74. Name of other person in household</p> <p>75. Name of other person in household</p> <p>76. Name of other person in household</p> <p>77. Name of other person in household</p> <p>78. Name of other person in household</p> <p>79. Name of other person in household</p> <p>80. Name of other person in household</p> <p>81. Name of other person in household</p> <p>82. Name of other person in household</p> <p>83. Name of other person in household</p> <p>84. Name of other person in household</p> <p>85. Name of other person in household</p> <p>86. Name of other person in household</p> <p>87. Name of other person in household</p> <p>88. Name of other person in household</p> <p>89. Name of other person in household</p> <p>90. Name of other person in household</p> <p>91. Name of other person in household</p> <p>92. Name of other person in household</p> <p>93. Name of other person in household</p> <p>94. Name of other person in household</p> <p>95. Name of other person in household</p> <p>96. Name of other person in household</p> <p>97. Name of other person in household</p> <p>98. Name of other person in household</p> <p>99. Name of other person in household</p> <p>100. Name of other person in household</p>				


FOR INSTRUCTIONS—See inquiries card sent with this schedule, on the inside page of this schedule. These inquiries must be made concerning each family and each item listed.

Revised 1960

1890 census questionnaire

Finding Census Data

Social Explorer

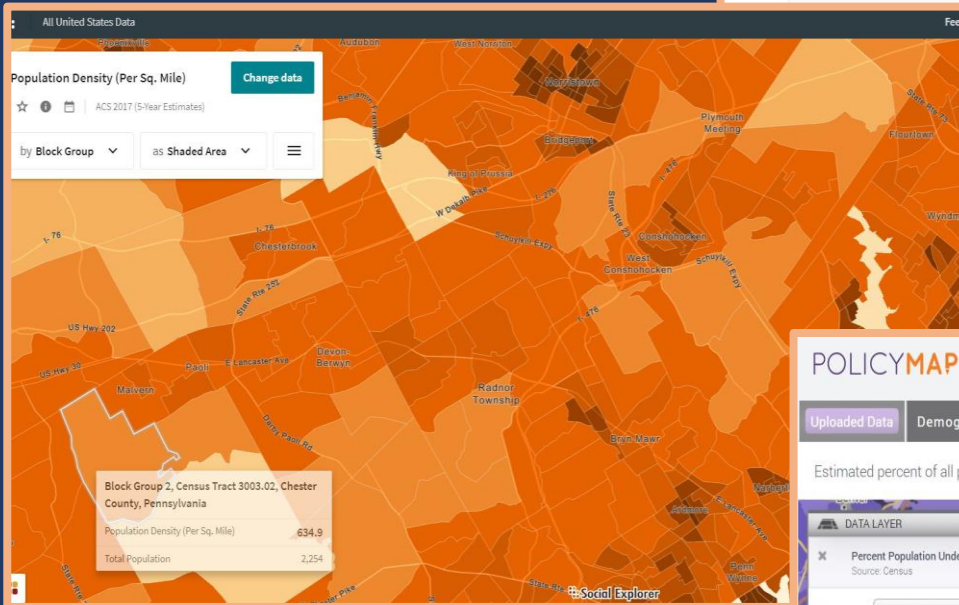


The screenshot shows the American FactFinder website. At the top, there's a navigation bar with the United States Census Bureau logo and the 'AMERICAN FactFinder' title. Below this, a blue navigation bar contains links for 'MAIN', 'COMMUNITY FACTS', 'GUIDED SEARCH', 'ADVANCED SEARCH', and 'DOWNLOAD CENTER'. The main content area features a graphic of a laptop and a smartphone displaying data visualizations. To the right, a text box explains that starting in July, data.census.gov will be the primary way to access Census Bureau data, including upcoming releases from the 2018 American Community Survey, 2017 Economic Census, 2020 Census and more. It also states that American FactFinder (AFF) will remain as an "archive" system for accessing historical data until spring 2020.

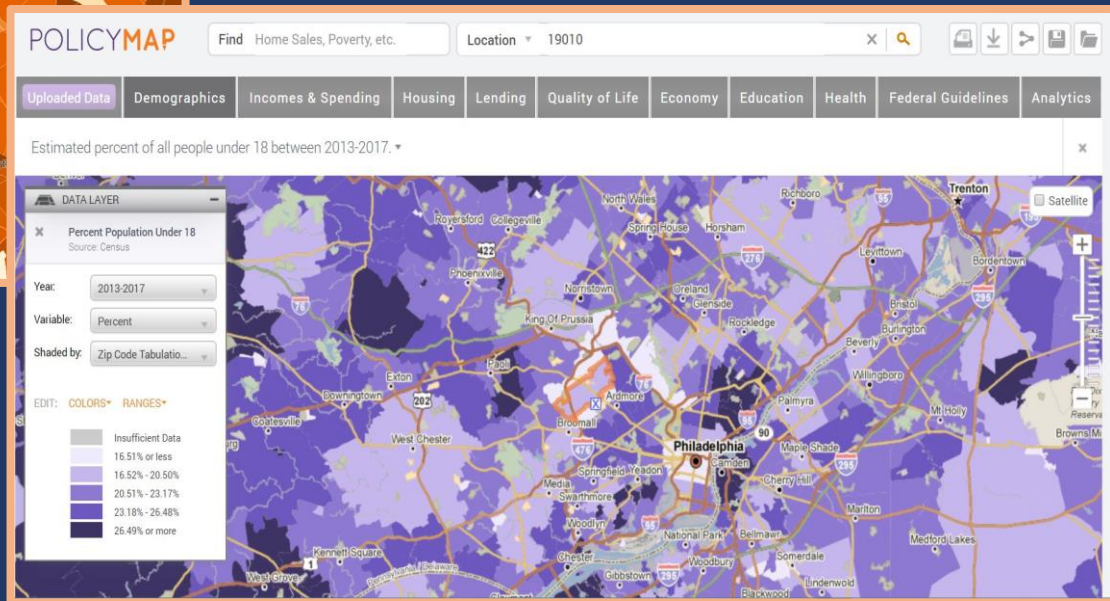
Starting in July, data.census.gov will be the primary way to access Census Bureau data, including upcoming releases from the 2018 American Community Survey, 2017 Economic Census, 2020 Census and more. After July 1, 2019, all new data (previously released on American FactFinder) will be released on this new data platform.

American FactFinder (AFF) will remain as an "archive" system for accessing historical data until spring 2020.

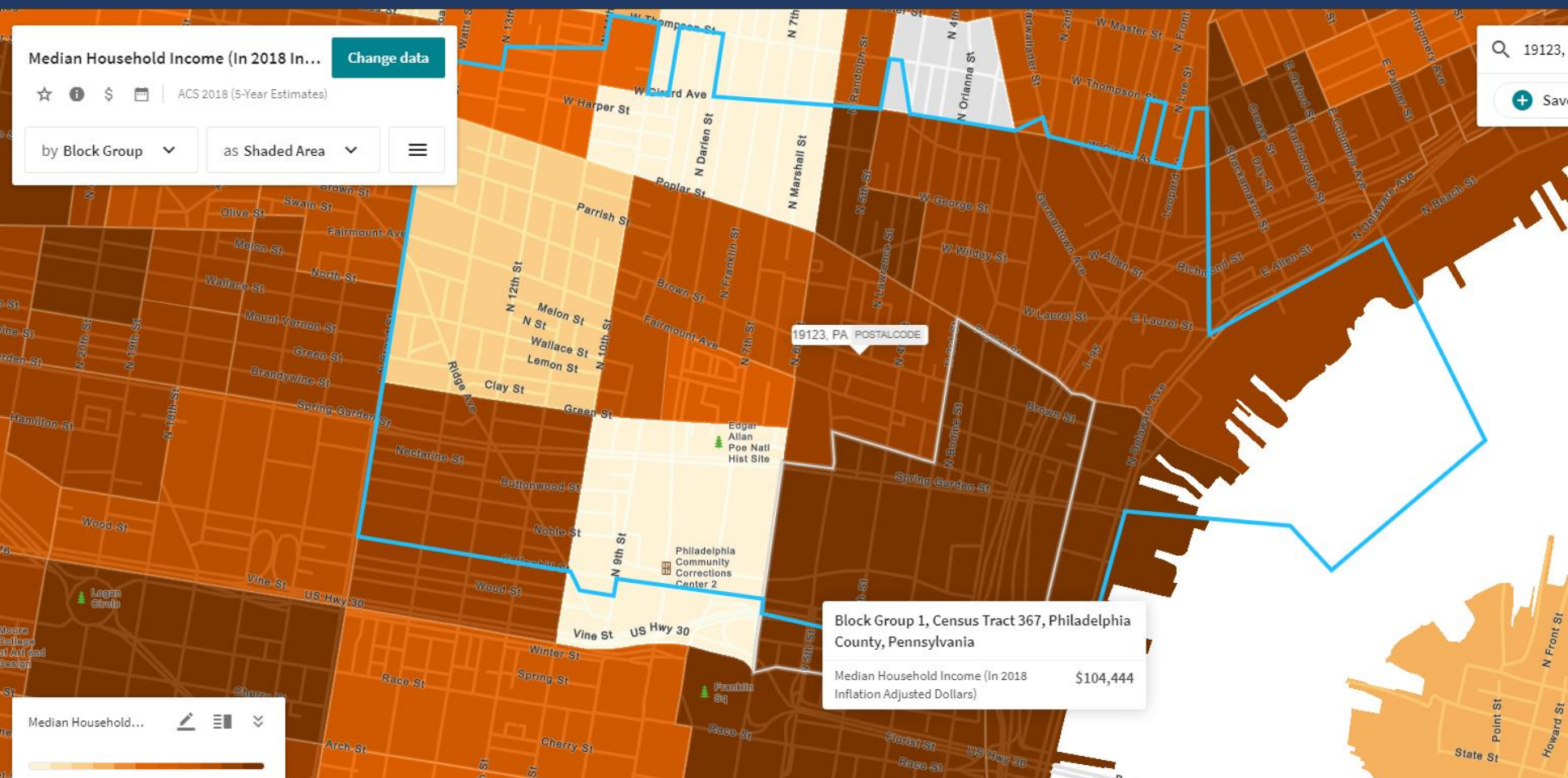
American Fact Finder (up to June 2019) or census.gov/data



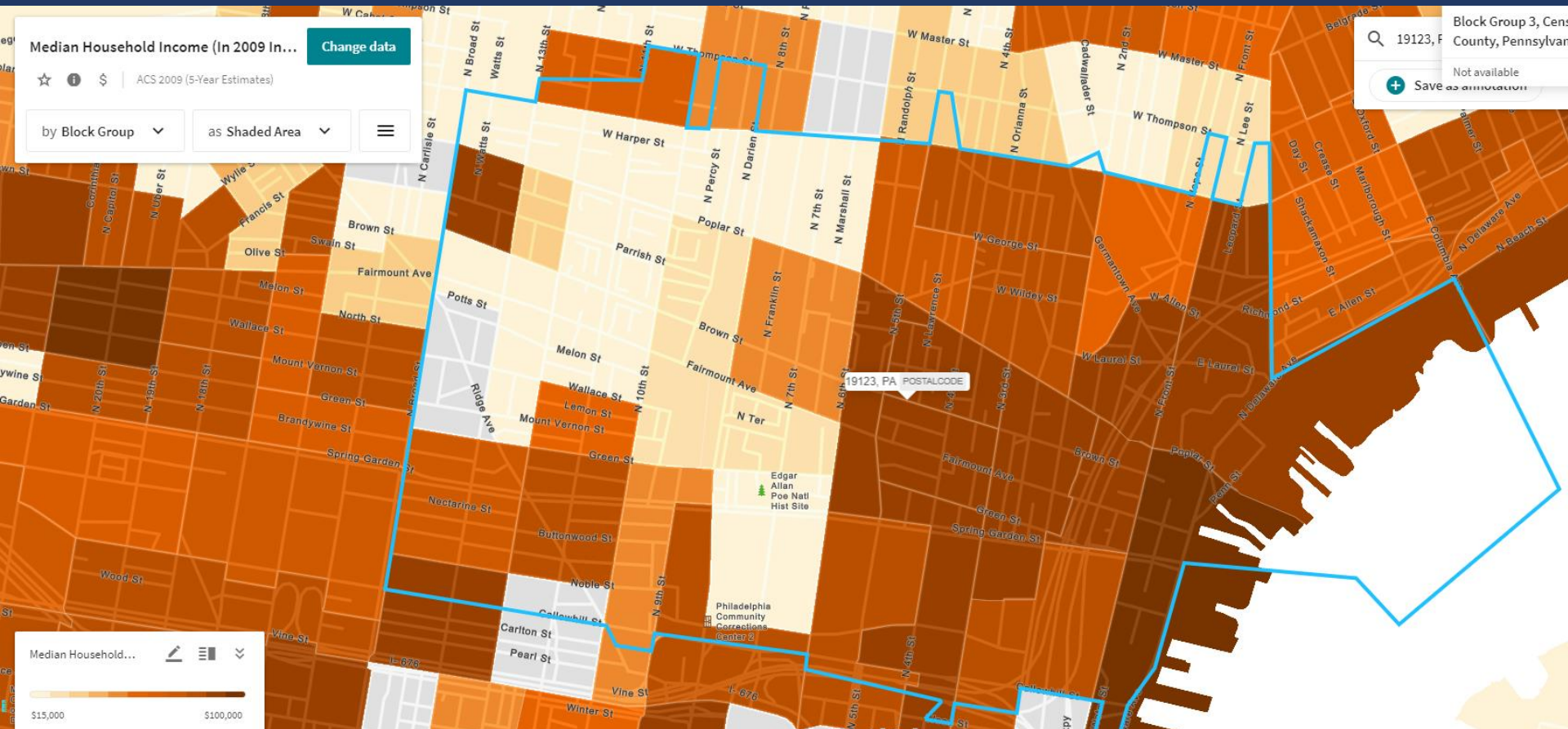
Policy Map



Median Household Income for 19123 in 2018 (5-year estimates)



Median Household Income for 19123 in 2009 (5-year estimates)



“Federal Judge Bars Trump Administration From Ending Census Early” ~ NYT

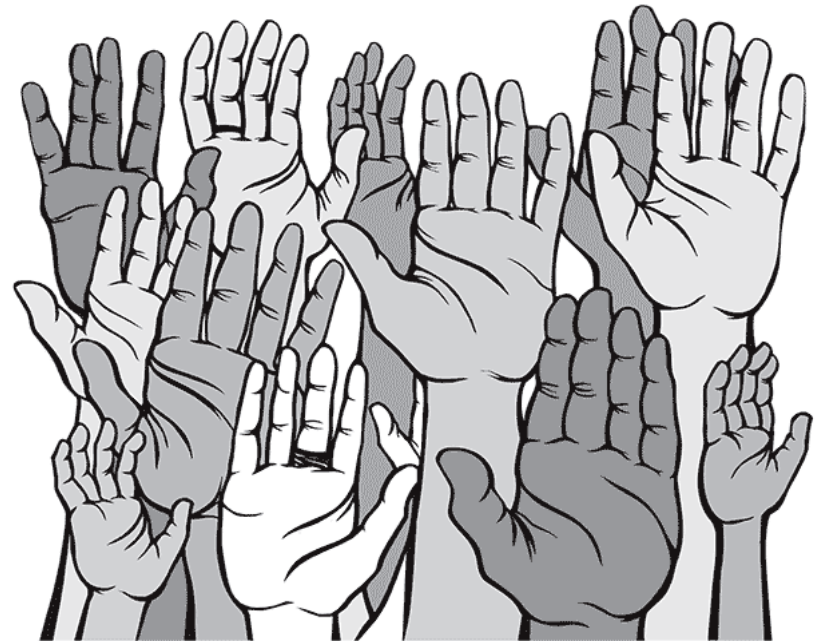


Voter Registration

Voter Registration:

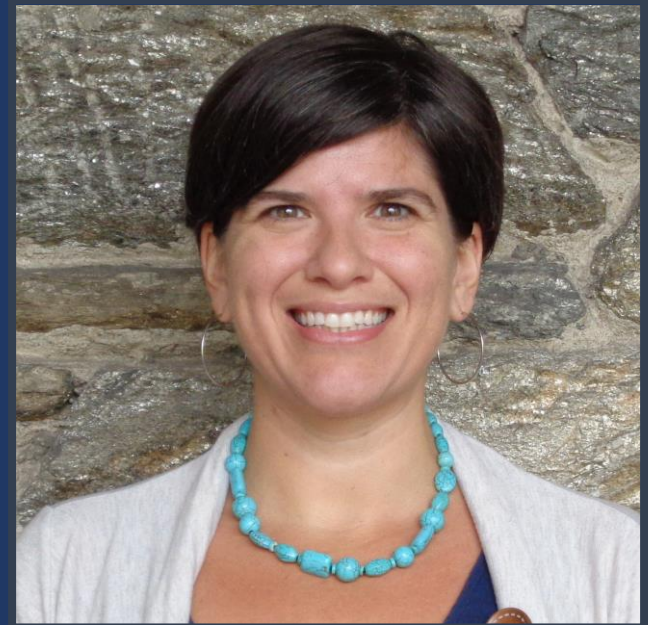
- October 19, 2020 is the last day to register to vote before the November 3, 2020 Election.
- You can register based on your college address
- PA is a swing state
- Ask a Librarian for help (library@brynmawr.edu) with voter registration or contact the Civic Engagement Office

VOTE!




**KEEP
CALM
AND
ASK A
LIBRARIAN**

Need
help????



Laura Surtees
lsurtees@brynmawr.edu

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Collier	8am - 12am
Canaday	8am - 12am
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Special Collections	9am - 8pm
Canaday Visitors	8am - 6pm

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