

INCORPORATING ACS AND CENSUS DATA INTO UNDERGRAD COURSES

WIFI

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ASA Pre-Conference Session – August 10, 2018

William Frey, Univ. of Michigan & Brookings Institution

Esther Wilder, CUNY-Lehman College

Katherine Rowell, Sinclair Community College

Jill Bouma, Berea College

John DeWitt, Univ. of Michigan

SCHEDULE

Time	Session Description
1:00-1:15	Intro to workshop; goals/expectations
1:15-1:45	Overview of importance of QR; specific goals
1:45-2:15	Brief intro of ACS/Census
2:15-2:35	Assessment
2:35-2:45	Break
2:45-3:15	CensusScope
3:15-3:55	Intro to WebCHIP and Modules
3:55-4:25	Another Database and Handout of other Resources
4:25-5:00	Overview of ACS and other Resources

GOALS

We hope that when you leave, you will:

- Understand the basics of the ACS and how it relates to the decennial census;
- Understand QR, how to assess it, and why it matters for undergraduate education;
- Learn of at least one new tool or resource for introducing ACS data into your courses.

BACKGROUND

- SSDAN
 - Within Population Studies Center at Univ. of Michigan since ~1995
 - Small budget operation
 - Make demographic data accessible to general public and for use in education

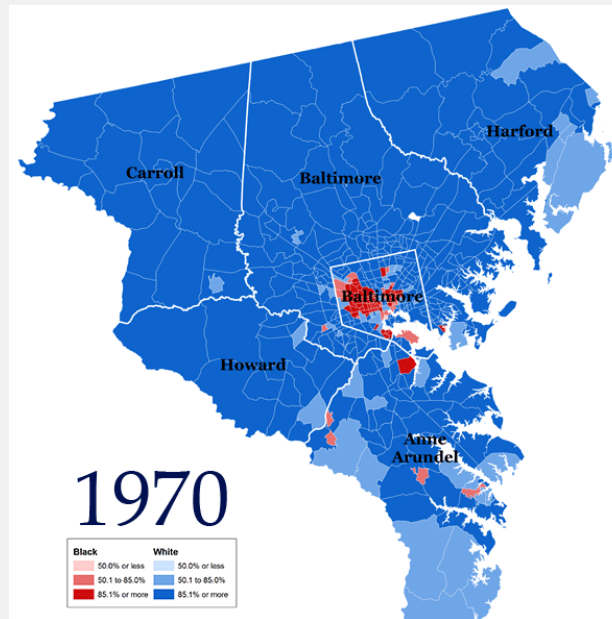
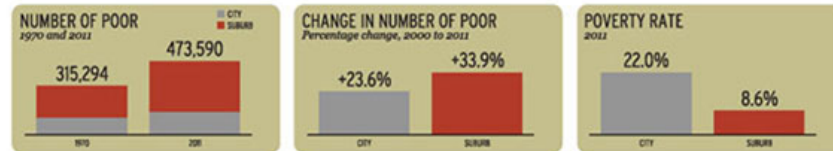


INTERDISCIPLINARY

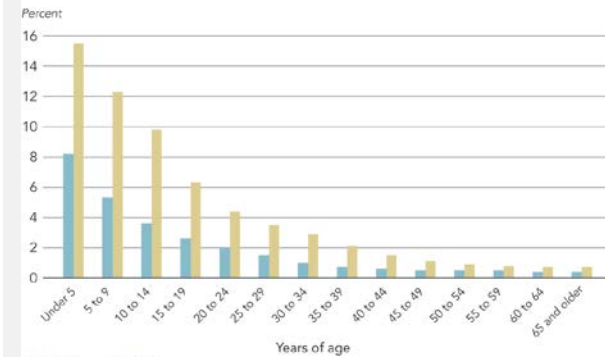
- Sociology
- Economics
- Public Policy
- Public Health
- Geography
- Nursing
- Journalism

CONFRONTING SUBURBAN POVERTY IN AMERICA

Boston-Cambridge, MA-NH Metro Area Profile



Persons Identified as "White and Black" as a Percent of Black Persons, by Age, 2000 and 2010



Source: 2000-2010 U.S. censuses.

SUPPORTING OTHER DISCIPLINES

- Review (by Nieuwenhuis, et al.) of 513 neuroscience articles in five top-ranking journals (*Science*, *Nature*, *Nature Neuroscience*, *Neuron* and *The Journal of Neuroscience*) found:
 - More studies had used an incorrect statistical procedure than a correct procedure;
 - The classic error was misunderstanding of a P-value
- NIH funds ~\$5 billion in neuroscience research annually
- Nieuwenhuis, et al., “Erroneous analyses of interactions in neuroscience: a problem of significance”, *Nature Neuroscience* (2011).