

# Demography Group

Department of Sociology



TEXAS A&M  
UNIVERSITY.

# Demography

- Demography is the study of the basic demographic processes
  - Fertility
  - Mortality
  - Migration
- It investigates consequences of these processes for population distributions of various kinds
  - Age and sex composition
  - Spatial distribution of population



# Social demography

- Social demography expands the focus of demography
  - It examines the intersection of demography with social distributions and dynamics
  - Population composition and differences in demographic distributions by race/ethnicity and socioeconomic status



# Demographic analysis

- Demographic analysis draws on a specialized set of techniques, methods and models including
  - Life table analysis
  - Survival analysis
  - Measurement of demographic rates, ratios, and population composition
  - Stable population theory
  - Decomposition analysis
  - Mathematical and simulation models



# Primary courses in demography (offered every two years)

- SOCI 622: Social Demography (Dr. Campbell)

Example: <http://www.ernestoamaral.com/soci622-20spring.html>

- SOCI 632: Migration (Dr. Santana)

Example: <http://www.ernestoamaral.com/soci647-20fall.html>

- SOCI 633: Demographic Methods (Dr. Amaral)

Example: <http://www.ernestoamaral.com/soci633-23spring.html>

- SOCI 642: Fertility and Mortality (Dr. Lariscy)

- SOCI 647: Selected Topics



# Methods courses (offered every year)

- SOCI 600 Introduction to Sociological Data Analysis
- SOCI 623: Measurement of Sociological Parameters
- SOCI 631: Seminar in Sociological Research



# Simulations of student cohorts

(demography courses offered every two years)

## Students starting on even years

(2024, 2026...)

### – 1st semester (Fall)

600: Introduction to Sociological Data

623: Parameters

642: Fertility and Mortality

### – 2nd semester (Spring)

631: Sociological Research

633: Demographic Methods

### – 3rd semester (Fall)

622: Social Demography

### – 4th semester (Spring)

632: Migration

## Students starting on odd years

(2025, 2027...)

### – 1st semester (Fall)

600: Introduction to Sociological Data

623: Parameters

622: Social Demography

### – 2nd semester (Spring)

631: Sociological Research

632: Migration

### – 3rd semester (Fall)

642: Fertility and Mortality

### – 4th semester (Spring)

633: Demographic Methods



# Primary in another area, cross-listing with demography

- SOCI 667: Racial and Ethnic Identities (Dr. Campbell)
- SOCI 667: US-Mexico Border (Dr. Goldsmith)





# Undergraduate courses

- SOCI 312: Population and Society
- SOCI 320: Demographic Methods



# Important websites

- Texas Research Data Center (TXRDC)

<https://liberalarts.tamu.edu/txrdc/>

- Population Association of America (PAA)

<https://www.populationassociation.org>

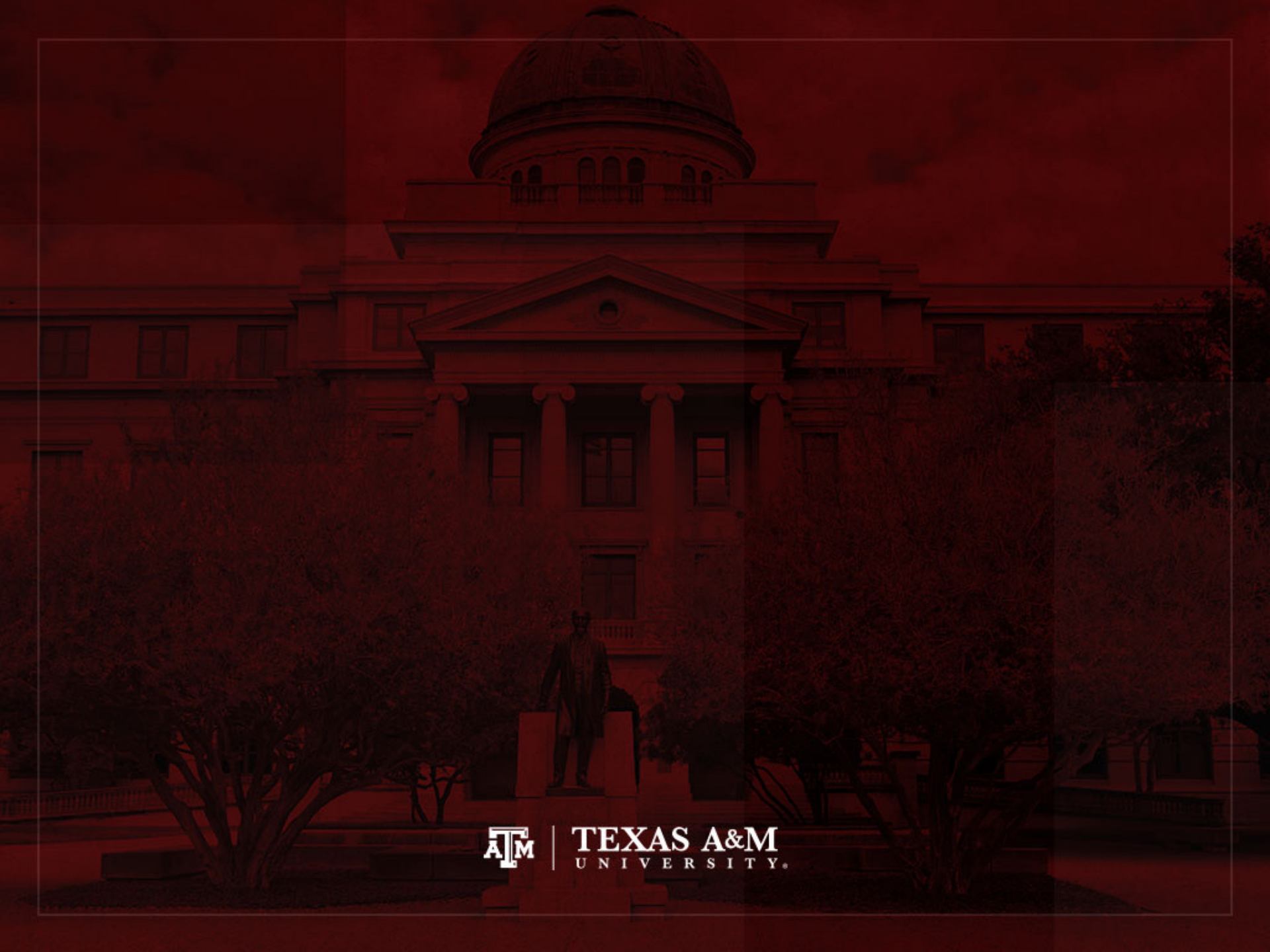
- Integrated Public Use Microdata Series (IPUMS)

<https://ipums.org/>

- Resources about Demography and COVID-19

<https://population-europe.eu/news/demography-coronavirus>





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