

# **Texas Federal Statistical Research Data Center: Opportunities for Research Using Restricted Data**

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## **Proposal Development Workshop Part II – Scouting Data Sets for RDC Projects**

**University of Houston**

**May 9, 2017**

**Mark Fossett**

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College of Liberal Arts, Texas A&M University  
College Station, Texas**

# Overview of Presentation

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- 1. Overview of major census data sets for demographic and economic variables**
- 2. Overview of Health-Related Data Sets**

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## **Demographic and Economic Data**

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# Restricted Census Data Sets\*

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## Demographic Data

**Decennial Census**

**ACS – American Community Survey**

**CPS – Current Population Survey & Supplements**

**AHS – American Housing Survey**

**SIPP – Survey of Income and Program Participation Panels**

**\* This is NOT an exhaustive list of available restricted-use census data. For more detailed information, visit the link below and consult with TXRDC Administrator, Bethany DeSalvo.**

**<http://www.census.gov/ces/dataproducts/index.html>**

## **Restricted Census Data**

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### **Decennial “Short-Form” and “Long-Form” Files**

**1950 - Long-form sample is 25%; Short-form sample is 100%**

**1960 - Long-form sample is 25%; Short-form sample is 100%**

**1970 - Long-form sample is 20%; Short-form sample is 100%**

**1980 - Long-form sample is 19%; Short-form sample is 100%**

**1990 - Long-form sample is 17%; Short-form sample is 100%**

**2000 - Long-form sample is 17%; Short-form sample is 100%**

**2010 – ACS (5%) replaces long form; Short-form S replaces Decennial Long-Form)**

**Can potentially be combined with IPUMS 100% decennial restricted files for 1850, 1880, 1920, 1930, and 1940 to create long time-series.**

# **Restricted Economic Data**

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## **Economic Data**

### **Economic Census**

**Longitudinal Business Database (LBD)**

**Annual Survey of Manufactures (ASM)**

## **Longitudinal Employer-Household Dynamics Data (LEHD)**

**Employment History Files (EHF)**

**Employer Characteristics File (ECF)**

**\* This is not an exhaustive list of available restricted-use census data. For more detailed information, visit the link below and consult with TXRDC Administrator, Bethany DeSalvo.**

**<http://www.census.gov/ces/dataproducts/index.html>**

## **Examples of Restricted Variables**

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- Finer levels of geography**

  - Lat/Lon, census block, census block group, census tract, etc.**

- Micro data on individuals, firms, and establishments**

  - Personal Identification Key (PIK)**

  - Employer Identification number (EIN)**

- Less restrictive top-coding and pre-processing**

  - Detailed race codes in earlier Censuses)**

  - More detailed income data**

## Additional Sources to Scout Data

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**ICPSR** | INTER-UNIVERSITY CONSORTIUM FOR  
POLITICAL AND SOCIAL RESEARCH

ICPSR 21820

**Census of Population and Housing,  
2000 [United States]:  
Documentation for Census Bureau  
Restricted Data**

*Inter-university Consortium for Political  
and Social Research*

Codebook

<https://www.icpsr.umich.edu/icpsrweb/DSDR/studies/21820>



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## **Health-Related Data**

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# **Restricted NCHS Data – I**

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## **National Health Status Surveys**

**National Health and Nutrition Examination Survey  
(NHANES I, II, and III)**

**National Health Interview Survey (NHIS)**

**Longitudinal Study on Aging I and II (LSOA)**

**National Survey of Family Growth**

**National Survey of Children's Health**

**National Survey of Early Childhood Health**

**National Survey of Children with Special Health Care Needs**

**National Survey of Children with Special Health Care Needs**

**National Asthma Survey**

## **Restricted NCHS Data – II**

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### **National Health Care Surveys**

**National Ambulatory Medical Care Survey**

**National Hospital Ambulatory Medical Care Survey**

**National Survey of Ambulatory Surgery**

**National Hospital Discharge Survey**

**National Nursing Home Survey (NNHS)**

**National Home and Hospice Care Survey**

**National Employer Health Insurance Survey**

**National Health Provider Inventory**

**National Immunization Survey**

# **Restricted NCHS Data – III**

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## **Vital Statistics**

**Mortality and Multiple Mortality**

**Birth**

**Fetal Death**

**National Death Index**

**Marriage and Divorce**

## **Linked Data Sets**

**Linked mortality data: NHIS, NHANES LSOA II, NNHS**

**Linked Medicare Enrollment and Claims data: NHIS, NHANES, LSOA II**

**Linked Social Security Administration Data: NHIS, NHANES, LSOA II, NNHS**

**Linked EPA data**

## Restricted NCHS Data

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**For further information check out the links below and consult with Director, Mark Fossett**

<http://www.cdc.gov/rdc/index.htm>

<https://www.cdc.gov/rdc/b1datatype/dt122.htm>

## **Examples of Restricted NCHS Variables**

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**Geographic variables (block, block group)**

**Most dates (date of interview, date of death, date of birth)**

**Income and employment data (industry codes)**

**Specific diagnoses (ICD-9 codes are generally coarsened)**

**Details about facilities (accreditation, payments, number of employees)**

**Some information about children and adolescents, (e.g. height and weight, depression, behavior problems, and drug use)**

**Contextual data (nearest hospital, % of population with diploma)**

**Sample design variables (necessary for estimating variances)**

## **TXRDC Services**

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**TXRDC can provide limited assistance in scouting out projects and data sets.**

**Consult with Director, Mark Fossett and RDC Administrator Bethany DeSalvo as appropriate**

**In some cases, graduate assistants at TXRDC can be assigned (on a time available basis) to scout projects and data sets and/or work with team members to give direction and advice on how to do this.**

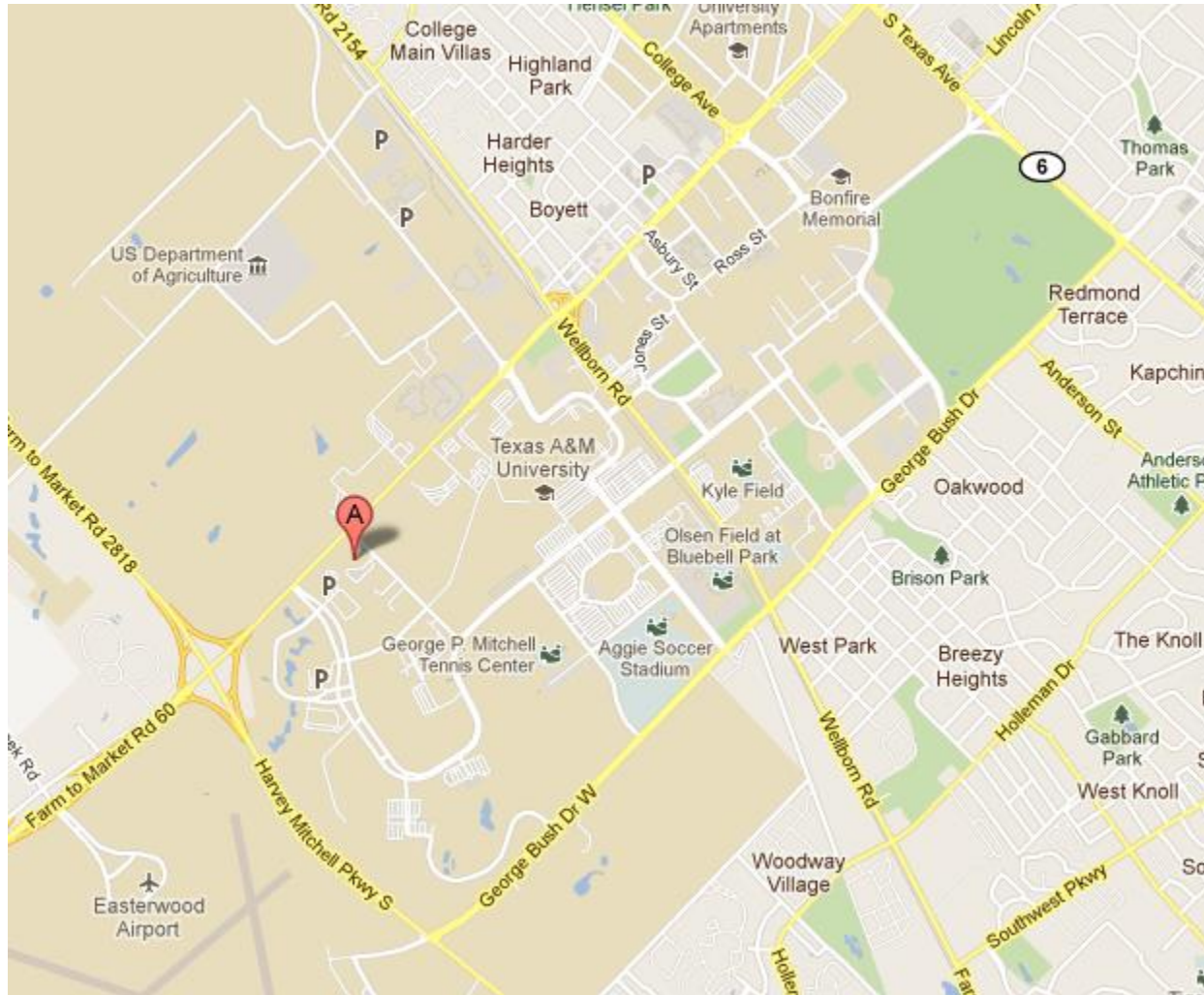
**Consult with Director, Mark Fossett to inquire**

### **Seed Grants**

**The TXRDC Seed Grant program is a potential mechanism for developing more detailed information about available restricted data and past projects using restricted data.**

# Texas RDC Location and Directions

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## Texas RDC – D. L. Houston Bldg, 200 Discovery Dr.

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