

# NHANES Sample Design Features 1999-2014



**Leyla Mohadjer, Westat**

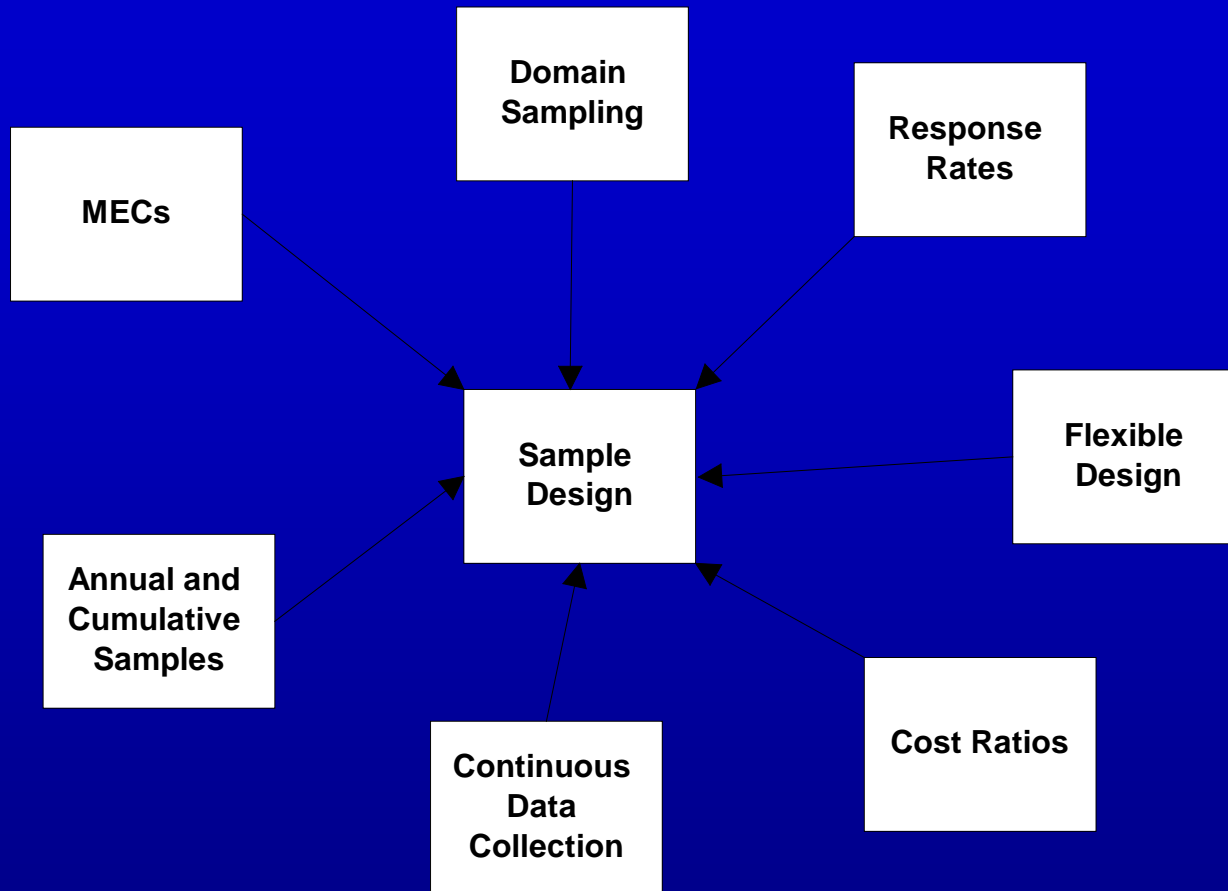
**May 4, 2010  
NCHS**



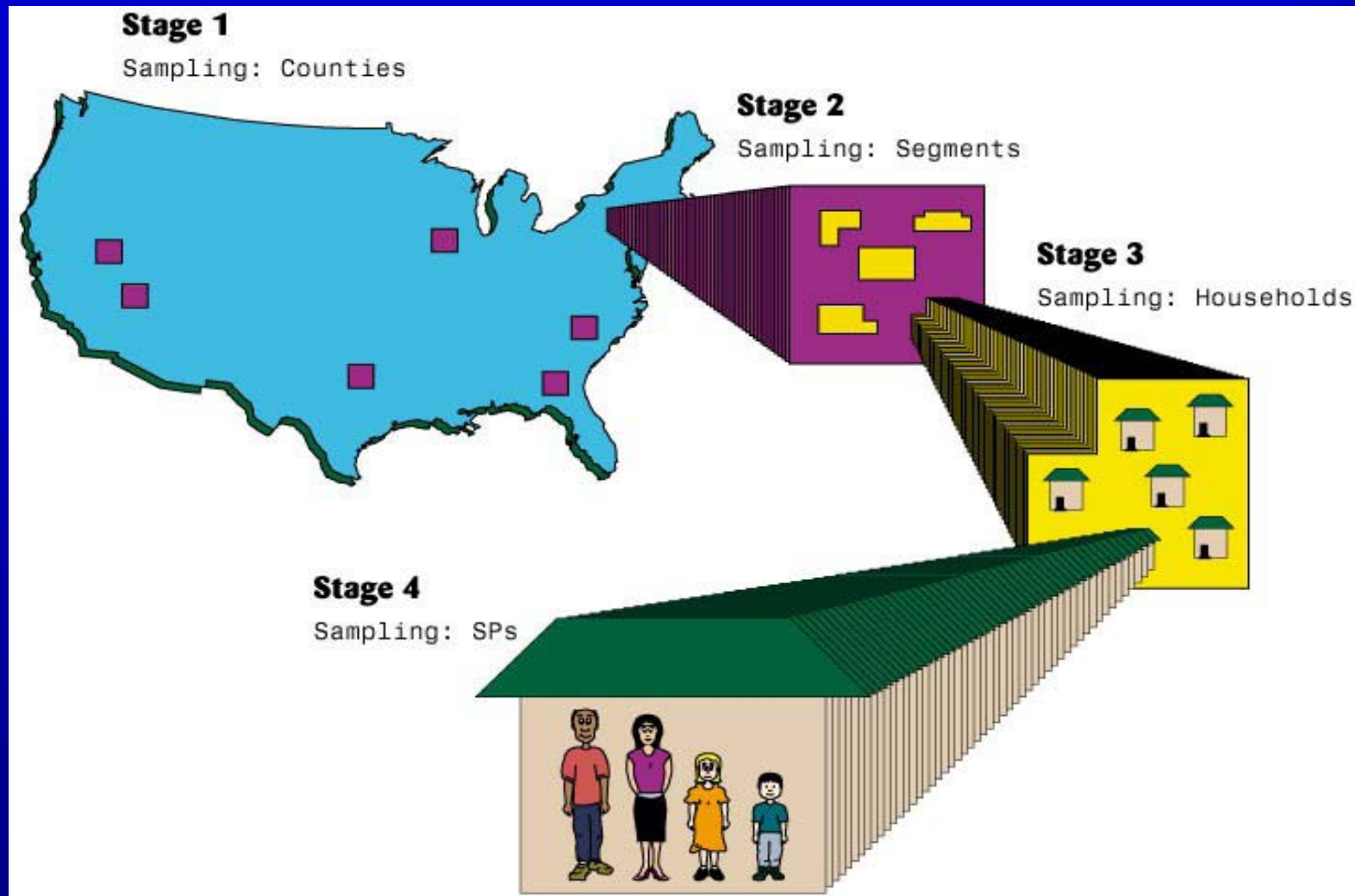
# Overview

- **Overview of sample design**
- **Sampling domains in 1999**
- **Sampling domains in 2000-2006**
- **Sampling domains in 2007-2010**
- **Sampling domains in 2011-2014**

# Major Factors Affecting Sample Design



# Overview of NHANES Sample Design



# NHANES Sampling Domains in 1999

**53 subdomains consisting of age-sex groups for:**

- **Mexican Americans**
- **Blacks**
- **White/other**
- **Pregnant women 15-39 years old**

## NHANES Sampling Domains in 2000-2006

79 subdomains consisting of age-sex groups for:

- **Mexican Americans**
- **Blacks**
- **White/other**
  - **Low-income**
  - **Non low-income**
- **Pregnant women 15-39 years old**

# NHANES Sampling Domains in 2007-2010

72 subdomains consisting of age-sex groups for:

- **Hispanics**
- **Blacks**
- **White/other**
  - **Low-income**
  - **Non low-income**

# NHANES 2007-2010 Sampling Subdomains

## Hispanic and Black, non-Hispanic

Males and females < 1 year  
Males and females 1 – 2 years  
Males and females 3 – 5 years  
Males 6 – 11 years  
Males 12 – 19 years  
Males 20 – 39 years

Males 40 – 49 years  
Males 50 – 59 years  
Males 60+ years

Females 6 – 11 years  
Females 12 – 19 years  
Females 20 – 39 years

Females 40 – 49 years  
Females 50 – 59 years  
Females 60+ years

## White/other low-income and non-low income

Males and females < 1 year  
Males and females 1 – 2 years  
Males and females 3 – 5 years  
Males 6 – 11 years  
Males 12 – 19 years  
Males 20 – 29 years  
Males 30 – 39 years  
Males 40 – 49 years  
Males 50 – 59 years  
Males 60 – 69 years  
Males 70 – 79 years  
Males 80+ years

Females 6 – 11 years  
Females 12 – 19 years  
Females 20 – 29 years  
Females 20 – 39 years  
Females 40 – 49 years  
Females 50 – 59 years  
Females 60 – 69 years  
Females 70 – 79 years  
Females 80+ years



# NHANES Sampling Domains in 2011-2014

**87 subdomains consisting of age-sex groups for:**

- **Hispanics**
- **Blacks**
- **Asian (as defined by Census)**
- **White/other**
  - **Low-income**
  - **Non low-income**

# NHANES Sample Design Features

**THANK YOU!**

**Leyla Mohadjer**

**Westat**

**1650 Research Blvd., RE 466**

**Rockville, MD 20850**

**(240) 251-4254**

**LeylaMohadjer@Westat.com**

# Definition of the NHANES Asian Population

- ◆ *Asian Indian* (including Bengalese, Bharat, Dravidian, East Indian, Goanese)
- ◆ *Chinese* (including Cantonese, Taiwanese)
- ◆ *Filipino*
- ◆ *Japanese* (including Nipponese)
- ◆ *Korean*
- ◆ *Vietnamese*
- ◆ *Cambodian*
- ◆ *Hmong* (including Laohmong, or Mong)
- ◆ *Laotian*
- ◆ *Thai* (including Siamese)
- ◆ *Other Asian* (including Bangladeshi; Bhutanese; Burmese; Indochinese; Indonesian; Iwo Jiman; Madagascar; Malaysian; Maldivian; Nepalese; Okinawan; Pakistani; Singaporean; Sri Lankan)