National Health and Nutrition Examination Survey (NHANES)

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Improving Collection of Indicators of Criminal Justice System Involvement in Population Health Data Programs

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To assess the health and nutritional status of adults and children in the United States
Goals
Goals of NHANES

- U.S. population-based estimates of:
  - Health conditions
  - Awareness, treatment and control of selected diseases
  - Environmental exposures
  - Nutrition status and diet behaviors
- Establish and maintain a biospecimen program
Data Collection
NHANES sample

- Civilian, non-institutionalized household population in the United States

- n= 5,000 interviewed and examined (per year)

Currently oversample:
- African Americans
- Asian Americans
- Hispanics
- Older persons aged 80+
- Low income whites
This research tells us about the health and nutrition of people in the United States. It combines an interview with a health exam. Our interviewer will ask questions about you and your family. Some questions are about your work and general health. Others are about health problems and other health topics. **Health research using NHANES can be enhanced by combining your survey records with other data sources.** The data gathered are used to link your answers to vital statistics, health, nutrition, and other related records. The questions today will take about one hour. We may contact you to check the work of your interviewer. We may contact you again for further studies.
NHANES home interview
Cardiovascular health
Hearing and vision
Anthropometry and body composition
Private interviews
Oral health
Laboratory
Mobile exam center laboratory

- Complete blood count
- Pregnancy test
- Specimen processing
  - Blood, urine, oral rinse, swabs, water
  - 24 laboratories
  - 500 assays
Laboratory tests

- Nutritional biomarkers
- Hormone tests
- Diabetes
- Lipid profile
- Biochemistry profile
- Environmental chemicals

- Infectious diseases
  - Hepatitis viruses
  - Human papillomaviruses
  - Sexually transmitted infections
- Water fluoride levels
Percent interviewed and examined by race/ethnicity

Percent


All Sps  Whites and Others  Blacks  Mexicans (101-217)/ Hispanic (218+)  Asians (278+)
Data release process

- QC
- Editing/cleanup
- Weighting
- Data preparation
- Documentation
- Confidentiality review
Questionnaires, Datasets, and Related Documentation

- Continuous NHANES Data, Questionnaires and Related Documentation
  - Search Continuous NHANES Variables
  - NHANES 2013-2014
  - NHANES 2011-2012
  - NHANES 2009-2010
  - NHANES 2007-2008
  - NHANES 2005-2006
  - NHANES 2003-2004
  - NHANES 2001-2002
  - NHANES 1999-2000
- Prior to 1999 Data, Questionnaires, and Related Documentation
- Other NHANES Data
- Survey Methods
Open invitation to researchers via the internet, Listserve, and email

- Federal government
- Universities
- Private sector
- NHANES program
Timeline

- Letter of intent
- Proposal
- OMB, ERB clearances
- Cognitive testing
- Pilot testing
- Translations
- Manuals/Training
- Outreach materials

Months:
- 24
- 18
- 12
- 9
- 6
- 3

Start January 2019
http://www.cdc.gov/nchs/nhanes/proposal_guidelines.htm

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