

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**

March 30, 2016



National Center for Health Statistics
Division of Health and Nutrition Examination Surveys



NHANES Objective

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

Stage 1

Counties



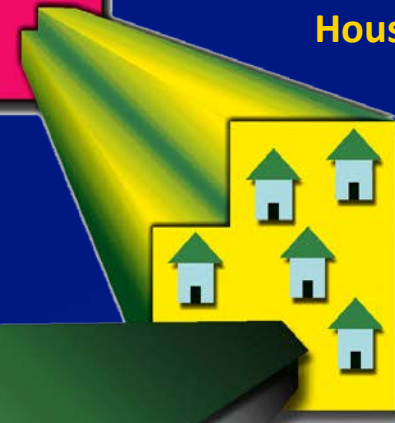
Stage 2

Segments



Stage 3

Households

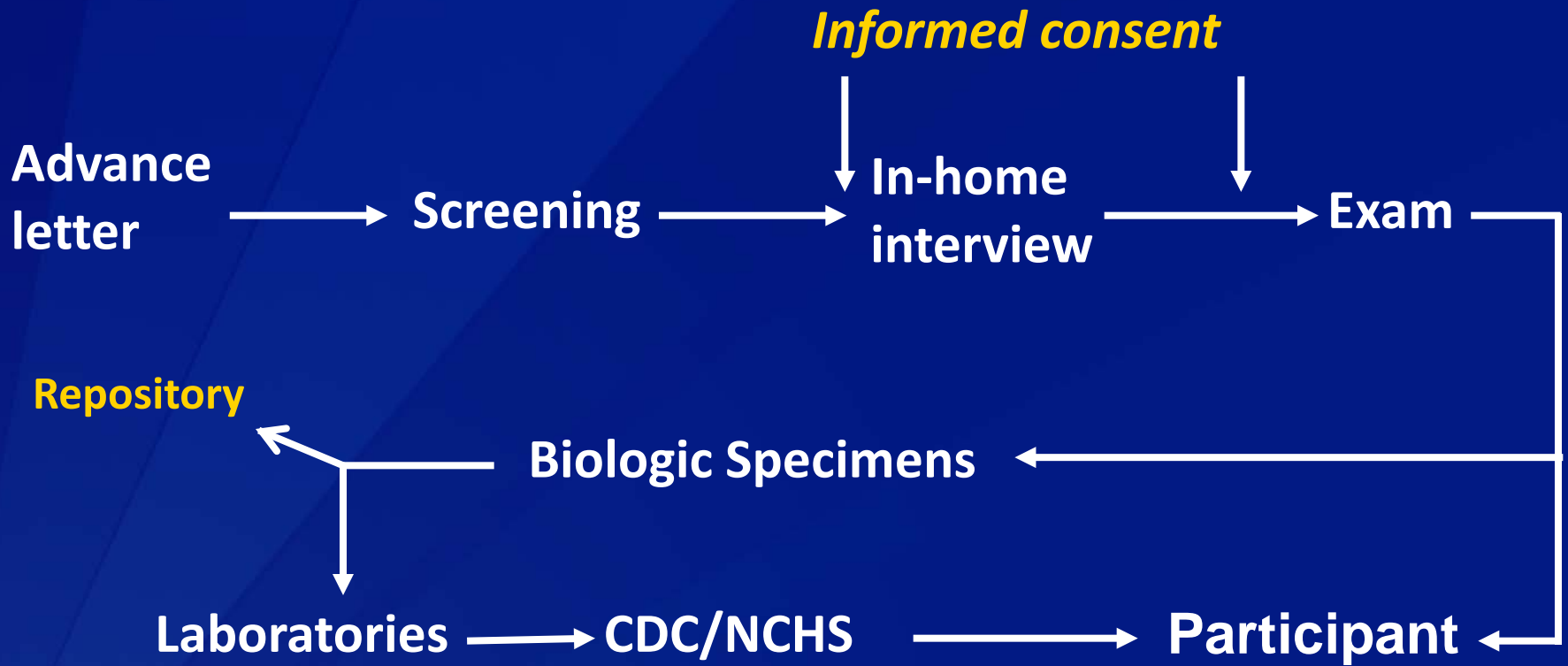


Stage 4

Participants



NHANES information flow



NHANES home interview consent

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.

#1

OMB # 0920-0950

**NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY
HOME INTERVIEW CONSENT**

Print name of person questioned _____
First Middle Last

You have been chosen to take part in the National Health and Nutrition Examination Survey (NHANES), conducted by the National Center for Health Statistics, part of the Centers for Disease Control and Prevention (CDC). 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.

Data gathered in this survey are used to study many health issues. We are required by law (read box below) to use your information for statistical research only and to keep it confidential. The law prohibits us from giving anyone any information that may identify you or your family without your permission in the future.

You may take part in this survey or not. The choice is yours. You will not lose any benefits if you say no. If you choose to take part, you don't have to answer every question.

We can do additional health research by linking the interview and exam data of everyone listed under "SP NAME" in the gray box below to vital statistics, health, nutrition, and other related records. May we try to link these survey records with other records?
☐ Yes ☐ No ☐ N/A

Do you have more questions about the survey? You can make a toll-free call to Dr. Joseph Wooding of the U.S. Public Health Service at 1-800-452-6115, Monday-Friday, 8:00 AM-5:30 PM ET. If you have questions about your rights about being in the survey, call the Research Ethics Review Board at the National Center for Health Statistics, toll free, at 1-800-223-8118. Please leave a brief message with your name and phone number. Say that you are calling about Protocol # 2011-17. Your call will be returned as soon as possible.

SIGNATURE OF PERSON ANSWERING QUESTIONS:
I have read the information above. I agree to proceed with the interview.

Date _____

IF PERSON ABOVE IS 14 OR 17 YEARS OLD, A PARENT/GUARDIAN MUST ALSO SIGN BELOW:
(Unless participant is an emancipated minor)
Signature of parent/guardian _____ Date _____

I observed the interviewer read this form to the person named above and he/she agreed to participate by signing or marking this form.
Witness (if required) _____ Date _____
Name of staff member present when this form was signed: _____

HOUSEHOLD ID _____ **FAMILY #** _____
Which questionnaire(s) did person respond to? **FAMILY** ☐ **SP** ☐ (IF CHECKED, PRINT BELOW)

SP NAME	SP ID	SP NAME	SP ID
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Assurance of Confidentiality - All information which would permit identification of an individual, a practice, or an establishment will be held confidential, will be used only by NCHS staff, contractors, and other agents authorized by NCHS to perform statistical activities, only when required and with necessary controls, and will not be disclosed or released to other persons without the consent of the individual or establishment in accordance with section 305(d) of the Public Health Service Act (42 USC 242m) and the Confidential Information Protection and Statistical Efficiency Act (PL 107-347). By law, every employee as well as every agent has taken an oath and is subject to a jail term of up to five years, a fine of up to \$250,000, or both if he or she willfully discloses ANY identifiable information about you.

Public reporting burden of this collection of information may take up to 6.7 hours per response for total participation, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road, MS D-14, Atlanta, GA 30333, ATTN: PRA (9920-0950). 01/14

NHANES home interview



NHANES mobile exam center



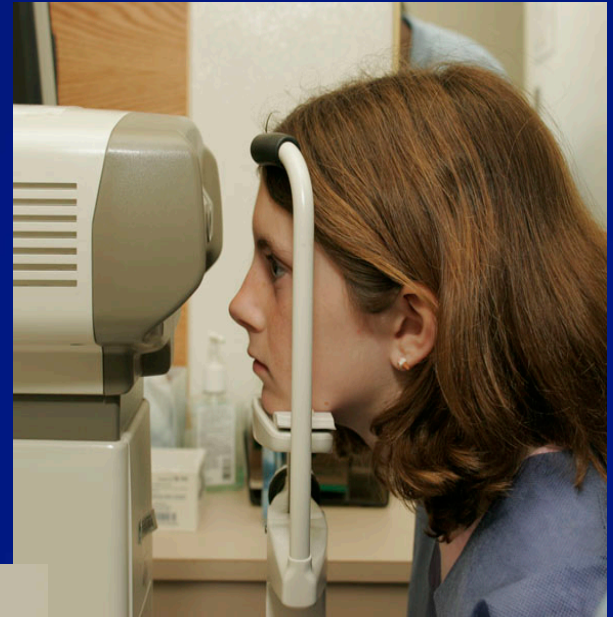
Reception



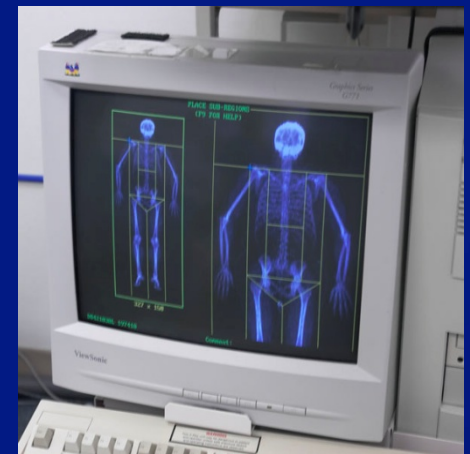
Cardiovascular health



Hearing and vision



Anthropometry and body composition



Private interviews



Oral health



Laboratory



Mobile exam center laboratory

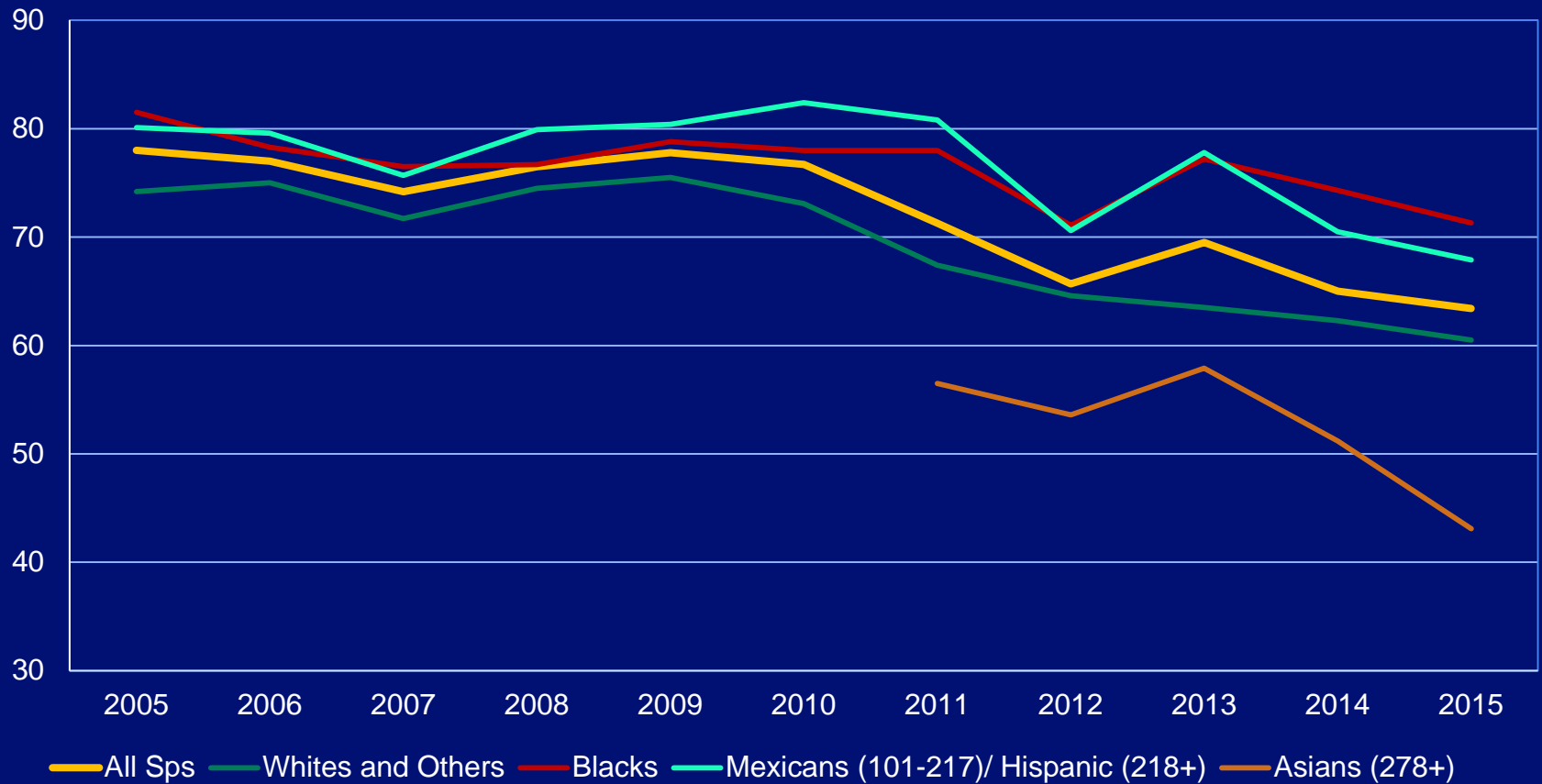
- Complete blood count
- Pregnancy test
- Specimen processing
 - Blood, urine, oral rinse, swabs, water
 - 24 laboratories
 - 500 assays

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



Data release process

- QC
- Editing/cleanup
- Weighting
- Data preparation
- Documentation
- Confidentiality review



National Health and Nutrition Examination Survey

National Health and Nutrition Examination Survey

[About NHANES](#)
[What's New](#)

Questionnaires, Datasets, and Related Documentation

[Survey Methods and Analytic Guidelines](#)
[Search Variables](#)
[All Continuous NHANES](#)
[NHANES 2013-2014](#)
[NHANES 2011-2012](#)
[NHANES 2009-2010](#)
[NHANES 2007-2008](#)
[NHANES 2005-2006](#)
[NHANES 2003-2004](#)
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[NHANES 1999-2000](#)
[Prior NHANES](#)
[Other NHANES Data](#)
[Proposal Guidelines](#)
[Survey Results and Products](#)
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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](#)

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Contact Us:

 National Center for Health Statistics
3311 Toledo Rd
Room 5419
Hyattsville, MD 20782

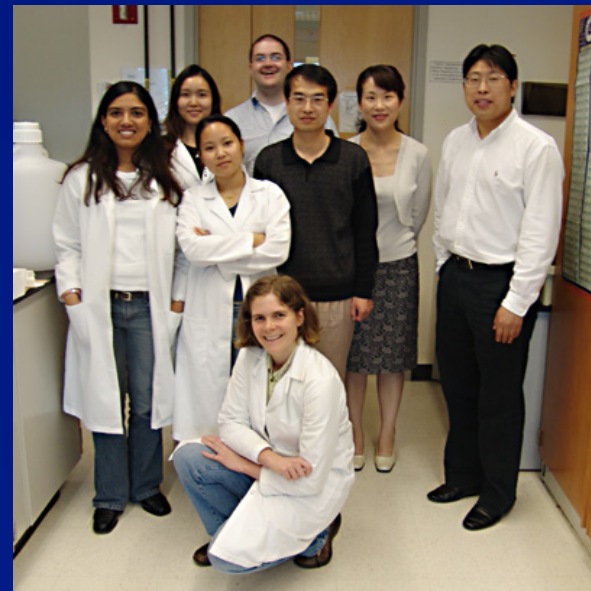
1 (800) 232-4636

[Contact CDC-INFO](#)

New content

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



Start
January 2019

24

18

12

9

6

3

Months



http://www.cdc.gov/nchs/nhanes/proposal_guidelines.htm

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