



Ongoing Activities to Support the Asian Oversample in NHANES

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**Centers for Disease
Control and Prevention**
National Center for
Health Statistics

What is NHANES?

- The National Health and Nutrition Examination Survey is a program of studies designed to assess the health and nutritional status of adults and children in the U.S.

National Health and Nutrition Examination Surveys

<i>Survey</i>	<i>Dates</i>	<i>Ages</i>
NHES I	1960–62	18–79 years
NHES II	1963–65	6–11 years
NHES III	1966–70	12–17 years
NHANES I	1971–75	1–74 years
NHANES II	1976–80	6 mo.–74 years
HHANES	1982–84	6 mo.–74 years
NHANES III	1988–94	2 mo.+
NHANES	1999–	All ages

What are the goals of NHANES?

To produce U.S. population-based estimates of:

- Health conditions and environmental exposures
- Awareness, treatment and control of selected diseases
- Prescription drug and supplement use
- Nutrition status and diet behaviors

Frequently included questionnaire topics

- Access to care
- Blood pressure
- Cholesterol
- Chronic conditions
- Demographics
- Diabetes
- Dietary behavior
- Dietary supplements
- Early childhood
- Food security
- Health insurance
- Oral health
- Physical activity
- Physical function
- Reproductive health
- Sex, drugs, alcohol, tobacco
- Weight history

Frequently included laboratory tests

- CBC
- Lipids
- Chemistry panel (kidney, hepatic function)
- Folate/RBC folate
- HIV, Herpes, Hepatitis
- Cotinine
- Lead, mercury, cadmium
- Urinary creatinine and albumin
- Diabetes (glucose, insulin, HbA1c)

Model of Broad and Deep Federal Partnerships

Approximately 30 federal partners with various degrees of collaboration:

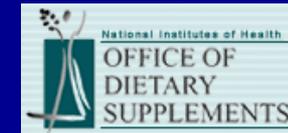
- Survey Planning and Content
- Financial Support
- Data Quality – Subject Matter Expertise
- Publication Co-authorship

Leveraging NHANES Infrastructure

- Efficient means for collecting interdisciplinary health data



Centers for Disease Control and Prevention
National Center for Environmental Health



Centers for Disease Control and Prevention
National Center for Health Statistics



Who is eligible to participate?

- Civilian, non-institutionalized household population in the U.S.
- All ages
- ~ 5,000 individuals each year
- Sample selected based on specific age, race/ethnicity, income, and gender domains

NHANES Oversamples: 2007–2010

- **Hispanics**
- **African Americans**
- **Low-income whites**
- **Persons age 60 and older**

NHANES Oversamples : 2011–2014

- **Hispanics**
- **African Americans**
- **Low-income whites**
- **Persons age 60 and older**
- **Asians (as defined by Census)**

Expected Percent Distribution of Sample for 2007–2014

	2007–10	2011–14
Hispanic	32	25
Non-Hispanic Black	21	25
Other low income	13	13
Other non-low income	32	24
Asian	<2	14

Asian as defined by Census

A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example:

- Cambodia
- China
- India
- Japan
- Korea
- Malaysia
- Pakistan
- The Philippine Islands
- Thailand
- Vietnam

Ancestry Question:
Please give me the group that represents
your Asian origin or ancestry

Asian Indian
Bangladeshi
Bengalese
Bharat
Bhutanese
Cambodian
Cantonese
Chinese
Dravidian
East Indian
Filipino
Goanese
Hmong
Indochinese

Indonesian
Iwo Jiman
Japanese
Korean
Laohmong
Laotian
Madagascar/
Malagasy
Malaysian
Maldivian
Mong
Nepalese
Nipponese

Okinawan
Pakistani
Siamese
Singaporean
Sri Lankan
Taiwanese
Thai
Vietnamese

Translations

- Chinese –
 - Mandarin (written and spoken)
 - Simplified
 - Traditional
 - Cantonese (spoken)
- Korean
- Vietnamese
- Other languages for a select few documents



NHANES Mobile Exam Center



Translations

- Advance letter
- Endorsement letters
- Consent forms
- Reminder letter/instructions
- Safety exclusions
- Exam center instructions
- Post exam instructions
- Outreach materials
- NHANES website participant page

Outreach Flyers

U.S. Department of Health and Human Services • Centers for Disease Control and Prevention • National Center for Health Statistics

Health of the Asian Population

National Health and Nutrition Examination Survey - NHANES



We Protect You

The information you share will always remain private and confidential.

Let's Improve Our Health!

Cancer

Prevention and screenings are important because Asians in the U.S. have high rates of certain cancers.

Diabetes

Asian Americans are more likely to have diabetes compared to non-Hispanic whites and it seems to vary by Asian ethnicity.

High Blood Pressure

In 2007, almost one in five Asian American adults had high blood pressure, which can increase the risk of heart diseases, stroke and kidney diseases.

Childhood Growth & Development

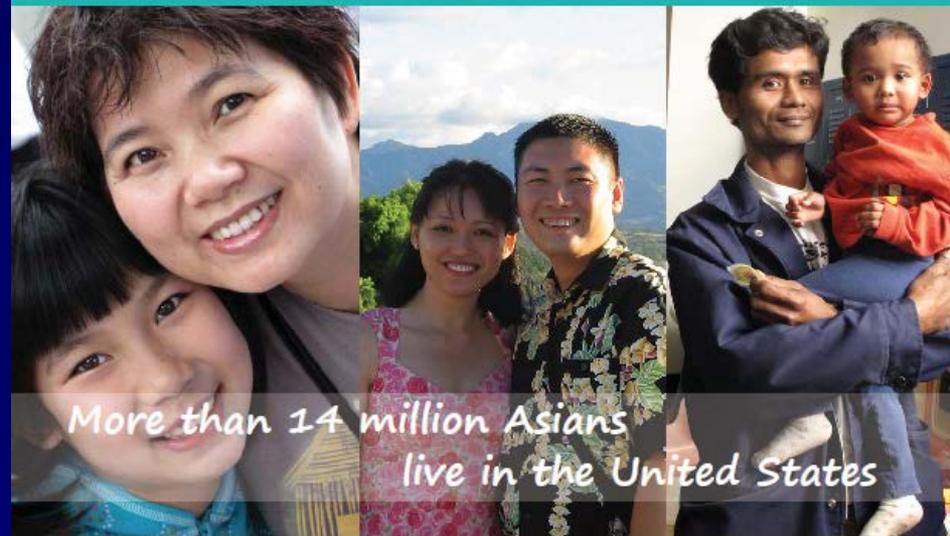
NHANES measures the height and weight of children to develop growth charts. Participation by Asians will help these charts be more reflective of Asian children.

Help Researchers Learn More About How to Help Our Community!

Special Benefits for You and Your Family:

- FREE health measurements
- Interpreters are available for your use
- FREE exam results will be sent directly to you

- CASH payment for your time and effort
- FREE transportation or transportation payment
- Reimbursement for childcare or eldercare



More than 14 million Asians live in the United States

Why is NHANES important to you and your family?

This is a unique opportunity to learn more about your health and help us better understand the health of Asians in the United States. The information collected will help develop health policies and programs designed to improve the health and well-being of all Asian communities. You are important to the NHANES. We hope you will participate if you are selected.



PARTICIPATE in NHANES!

For more information:

Call the NHANES office at 1 (800) 452-6115 or visit our website at <http://www.cdc.gov/nchs.nhanes.htm>.

Translated Materials

nhanes
全國健康與營養體檢調查

如何選擇 NHANES 參加者?



Sample Selection Brochure
Chinese Traditional

 Centers for Disease Control and Prevention
National Center for Health Statistics

미연방 보건후생성 • 질병관리센터 • 국립보건통계센터

아시아인의 건강

국민건강 영양조사 - NHANES



우리는 1천4백만 명이 넘는 아시아인이 있습니다.

여러분의 가족에게 NHANES가 중요할까요?
여러분의 건강에 관해 보다 많은 것을 알고, 저희가 미국에 살고 있는 건강에 관해 보다 잘 이해할 수 있게 해 주는 독특한 기회를 제공합니다. 모든 아시아인 공동체의 건강과 행복을 증진시키기 위한 정책과 전략을 개발하는 데 도움이 됩니다. 여러분은 NHANES에 중요한 존재입니다. 이 선정되는 경우, 참여해 주시기를 바랍니다.

Asian Flyer_Korean



全国健康与营养体检调查 (英语简称“NHANES”)

检查同意手册



让我们改善我们的健康状况



美国卫生与公共服务部
疾病控制与预防中心
全国健康统计中心

Adult/Parental Exam Consent Brochure_Chinese Simplified





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National Health and Nutrition Examination Survey

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Chào Mừng Quý Tham Dự Viên của Chương Trình NHANES

What is NHANES?
National Health and Nutrition Examination Survey

The video player shows a blue background with the NHANES logo (an apple with a heart rate line) and three inset photos: a woman and a child looking at a tablet, a doctor examining a patient's arm, and a doctor using a handheld device on a patient.

00:19 / 03:50

Thời Lượng: 3 phút, 50 giây**Ngày Sản Xuất:** 9/20/2011

Lời Thưa Thêm về Cuộn Phim

Chủ Đề: Phim này giải thích về những gì Tham Dự Viên cần quán triệt khi tham dự chương trình NHANES. Phim bao gồm thí dụ về các xét nghiệm được tiến hành, về các quyền lợi dành cho Tham Dự Viên, và về các chi tiết khác của cuộc khảo sát.

Lý Do: Phim được dự trù để tạo được sự quán triệt giữa đôi bên và trình bày cho Tham Dự Viên ít nhiều về các quyền lợi đáng ngạc nhiên mà NHANES cần biểu tặng.

Interpreters

- Family members or friends
- Use local organizations to identify other interpreters
- Language line services

Interpreters

- Provide interpreters already translated resources for use in the household and MEC
 - Glossary of terms
 - Hand cards
 - Exam scripts

Endorsement Letters

- Asian American Justice Center (AAJC)
- Asian & Pacific Islander American Health Forum (APIAHF)
- Asian Pacific American Labor Alliance (APALA)
- Asian Pacific Partners for Empowerment Advocacy and Leadership (APPEAL)
- Association of Asian Pacific Community Health Organizations (AAPCHO)
- Boat People SOS (BPSOS)
- Hmong National Development, Inc. (HND)
- Japanese American Citizens League (JACL)
- Laotian American National Alliance (LANA)
- National Alliance of Vietnamese American Service Agencies (NAVASA)
- National Asian American Pacific Islander Mental Health Association (NAAPIMHA)
- National Asian Pacific American Women's Forum (NAPAWF)

Endorsement Letters

- National Asian Pacific Center on Aging (NAPCA)
- National Association of Asian American Professionals (NAAAP)
- National Coalition for Asian Pacific American Community Development (CAPACD)
- National Council of Asian Pacific Islander Physicians (NCAPIP)
- National Federation of Filipino American Associations (NaFFAA)
- National Korean American Service & Education Consortium (NAKASEC)
- OCA
- South Asian Americans Leading Together
- Southeast Asian Resource Action Center

Maintains High Response Rates Through Intensified Outreach Efforts



Advance arrangements and outreach

- National and community endorsements
- Publicity and media campaign
- New and improved outreach materials

NHANES Key Response Rates

MEC Examined By NHANES Cycle

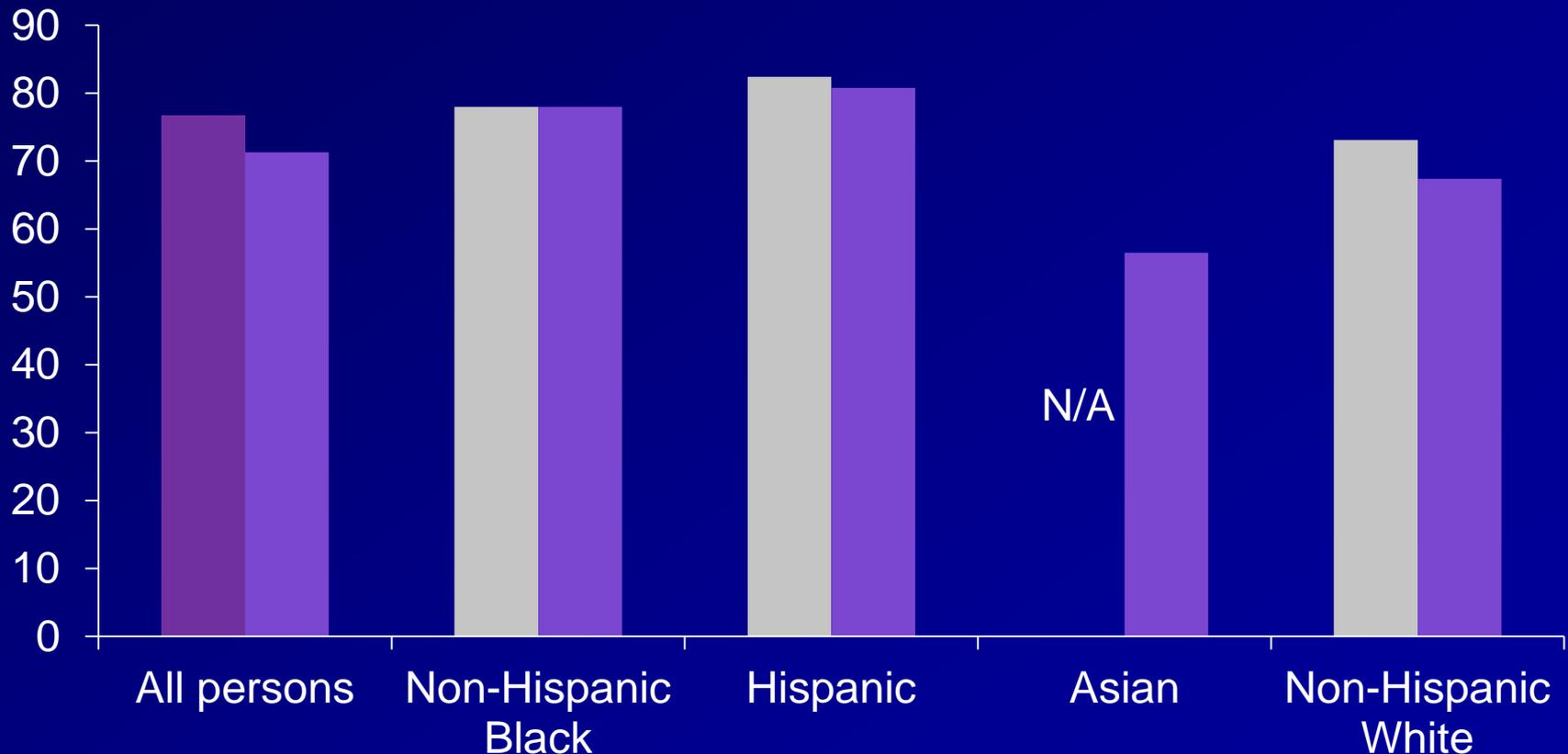
NHANES II	73
Hispanic HANES	73
NHANES III	78
NHANES 1999–2004	77
NHANES 2005–2006	77
NHANES 2007–2008	76
NHANES 2009–2010	77
NHANES 2011	71

Response rates are indicated as percentages

NHANES response rates in 2010 and 2011 by race/ethnicity

Percent

■ 2010 ■ 2011



Thank you

謝謝您

谢谢

감사합니다

Cám ơn

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<http://www.cdc.gov/nchs/nhanes.htm>

