



# National Center for Health Statistics



## NHANES I (1971-1974)

### Description

The first National Health and Nutrition Examination Survey (NHANES I) was conducted on a nationwide probability sample of approximately 32,000 persons 1-74 years of age. The NHANES I sample was selected so that certain population groups thought to be at high risk of malnutrition (persons with low incomes, preschool children, women of childbearing age, and the elderly) were oversampled at preset rates. On completion of the survey, 31,973 sample persons had been interviewed; of these, 23,808 people were examined. Adjusted sampling weights were computed within 60 age-sex-race categories in order to inflate the sample so as to closely reflect the U.S. civilian noninstitutionalized population 1-74 years of age at the midpoint of the survey. Although a major emphasis of NHANES I was on nutrition and some limited aspects of health, a subset of 3,854 persons 25-74 years of age received a more detailed health examination. No oversampling of subgroups of the population was done in this subsample, as it had been for the major nutrition component. This subsample is representative of the U.S. population 25-74 years of age at the midpoint of NHANES I. After the nutrition survey was completed, the detailed medical examination was given to an additional sample of 3,059 adults 25-74 years of age. This portion of the survey is referred to as the NHANES I Augmentation and was continued through October 1975, bringing the total number of persons who received a detailed medical examination to 6,913.

Data from NHANES I are organized by subject matter. The data files comprising NHANES I include a number of demographic and socioeconomic variables on each tape, including age, gender, race, ethnicity, income, education, and marital status.

### Contents in Detail

Description	Documentation
Historic NHANES Contents Matrix	<a href="#">[PDF - 589 KB]</a>
<a href="#">Reference Manuals and Report</a>	

### Using the Data

Description
<a href="#">Survey Methods and Analytic Guidelines</a>
<a href="#">Response Rates and Population Totals</a>
<a href="#">Continuous NHANES Web Tutorials</a>

### Data and Documentation/Codebook Files

Description	Data	SAS Code	Formatted SAS	Documentation
README - NHANES I Dataset				<a href="#">[PDF - 11 KB]</a>

Description	Data	SAS Code	Formatted SAS	Documentation
README - SAS Input Conventions				[PDF - 18 KB]
Anthropometry Goniometry, Skeletal Age, Bone Density, and Cortical Thickness, Ages 1-74 years, 4111	[TXT - 1.9 MB]	[SAS - 20 KB]	[SAS - 40 KB]	[PDF - 3.3 MB]
Arthritis Data, 4121	[TXT - 419 KB]	[SAS - 50 KB]	[SAS - 114 KB]	[PDF - 4.9 MB]
Audiometric, 4241	[TXT - 583 KB]	[SAS - 45 KB]	[SAS - 85 KB]	[PDF - 4.4 MB]
Biochemistry, Serology, Hematology, Blood Slides, Urine Dipst., 4800	[TXT - 2.2 MB]	[SAS - 22 KB]	[SAS - 44 KB]	[PDF - 4.8 MB]
Chest X-Ray, Pulmonary Diffusion, and Tuberculin Test Results, Ages 25-74 years, 4251	[TXT - 1.5 MB]	[SAS - 26 KB]	[SAS - 68 KB]	[PDF - 4.6 MB]
Computer Measurements and Interpretations of Electrocardiograms, Ages 25-74 years, 4140	[TXT - 2 MB]	[SAS - 14 KB]	[SAS - 25 KB]	[PDF - 4.2 MB]
Dental, Ages 1-74 years, 4235	[TXT - 1.3 MB]	[SAS - 24 KB]	[SAS - 42 KB]	[PDF - 3.5 MB]
Dermatology, Ages 1-74 years, 4151	[TXT - 1.5 MB]	[SAS - 59 KB]	[SAS - 114 KB]	[PDF - 5 MB]
Dietary Frequency and Adequacy, Ages 1-74 years, 4701	[TXT - 2.7 MB]	[SAS - 15 KB]	[SAS - 31 KB]	[PDF - 3.3 MB]
Electrocardiogram	[DAT - 3.4 MB]	[SAS - 18 KB]		[PDF - 85 KB]
General Well-Being and the CES-D Depression Scale Developed by The National Institute of Mental Health Ages 25-74 years, 4171	[TXT - 430 KB]	[SAS - 17 KB]	[SAS - 41 KB]	[PDF - 3 MB]
Growth Charts (November, 2012)	[XPT - 8.2 KB]			HTML Documentation
Health Care Needs, General Medical History Supplement, and Respiratory and Cardiovascular Supplements, Ages 25-74 years, 4091	[TXT - 829 KB]	[SAS - 67 KB]	[SAS - 148 KB]	[PDF - 6.6 MB]
Medical History Questionnaire, Ages 1-11 years, 4067	[TXT - 311 KB]	[SAS - 25 KB]	[SAS - 49 KB]	[PDF - 4.5 MB]
Medical History Questionnaire, Ages 12-74 years, 4081	[TXT - 1.3 MB]	[SAS - 30 KB]	[SAS - 64 KB]	[PDF - 3.7 MB]
Medical Examination, Ages 1-74 years, 4233	[TXT - 1.4 MB]	[SAS - 46 KB]	[SAS - 87 KB]	[PDF - 4.4 MB]
Model Gram, 4702	[TXT - 62 KB]	[SAS - 1 KB]		[PDF - 8.5 MB]
Near and Distant Vision, Ages 25-74 years, 4163	[TXT - 171 KB]	[SAS - 21 KB]	[SAS - 37 KB]	[PDF - 3 MB]

Description	Data	SAS Code	Formatted SAS	Documentation
Nutrient Composition, 4703	<a href="#">[TXT - 100 KB]</a>	<a href="#">[SAS - 2 KB]</a>		<a href="#">[PDF - 8.5 MB]</a>
Ophthalmology, Ages 1-74 years, 4161	<a href="#">[TXT - 623 KB]</a>	<a href="#">[SAS - 29 KB]</a>	<a href="#">[SAS - 60 KB]</a>	<a href="#">[PDF - 5.2 MB]</a>
Spirometry-Best Trials Only, Ages 25-74 years, 4250	<a href="#">[TXT - 880 KB]</a>	<a href="#">[SAS - 17 KB]</a>	<a href="#">[SAS - 31 KB]</a>	<a href="#">[PDF - 3.3 MB]</a>
24-Hour Food Consumption Intake, Ages 1-74 years, 4704	<a href="#">[TXT - 14.1 MB]</a>	<a href="#">[SAS - 13 KB]</a>	<a href="#">[SAS - 26 KB]</a>	<a href="#">[PDF - 3.7 MB]</a>

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