

Second National Health and Nutrition Examination Survey 1976–1980

Documentation, Codebook, and Frequencies

Syphilis Serologic Markers

Laboratory

Survey Years:
1976 to 1980

SAS Transport File:
NH2SYPHI.XPT



Published on Tape: 1987
Re-Published: September 2007
Last Revised: November 2007

NHANES 1976-1980 Data Documentation

Laboratory Assessment: Syphilis serologic markers: Automated Reagin Test (ART_SYPH), Fluorescent Treponema Antibody Absorption Test (FTA-ABS) Microhemagglutination Assay for Treponema Pallidum (MHA-TP) (NH2SYPHI)

First Published: September 2007

Last Revised: November 2007

Component Description	In order to examine the distribution of positive syphilis serology in the U.S. population, three serologic makers of syphilis infection were added to the biochemistry profile from NHANES II.
Eligible Sample	Age 12 or more with adequate volume for testing. Note: The upper limit of age in NHANES II was 74.
Description of Laboratory Methodology	Sera were screened with the Automated Reagin Test (ART_SYPH) and confirmed with the FTA-ABS or MHA-TP.
Laboratory Quality Control and Monitoring	Commercial reagents were used for all Syphilis testing. All QC procedures recommended by the manufacturers were followed.
Data Processing and Editing	Data was received after all the antibody testing was complete. The data were not edited. Data Access: All data are publicly available.
Analytic Notes	There are three variables: ART_SYPH (ART) FTA_SYPH (FTA-ABS) SHMA_TP (MHA-TP) Please refer to the Analytic Guidelines for further details on the use of

sample weights and other analytic issues.

References

1. Hahn, RA, Madger LS, Aral SO, Johnson RE, Larsen SA. Race and the prevalence of syphilis seroreactivity in the United States population: A national sero-epidemiologic survey. *Am J. Public Health* 1989; 79:467-470.

Locator Fields

Title: Syphilis serologic markers

Contact Number: 1-866-441-NCHS

Years of Content: 1976-1980

First Published on Tape: 1987

Re-Published on Internet: September 2007

Last Revised: November 2007

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Syphilis

Record Source: NHANES II

Survey Methodology: NHANES II is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey
Codebook for Data Production (1976-1980)
(NHANES II)**

**Syphilis Serologic Markers (NH2SYPHI)
Person Level Data**

September 2007



SEQN	Target
	B(12 Yrs. to 74 Yrs.)
Hard Edits	SAS Label
	Sample person sequence number
English Text: Sample person sequence number.	
English Instructions:	

ART_SYPH	Target
	B(12 Yrs. to 74 Yrs.)
Hard Edits	SAS Label
	Automated reagin test
English Text: Automated reagin test.	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Positive	205	205	
2	Negative	13050	13255	
9	Not applicable	1010	14265	
.	Missing	214	14479	

FTA_SYPH	Target			
	B(12 Yrs. to 74 Yrs.)			
Hard Edits	SAS Label			
	Fluorescent treponemal antibody absorptn			
English Text: Fluorescent treponemal antibody absorption test.				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0	Not tested	13042	13042	
1	Positive	162	13204	
2	Negative	47	13251	
3	Indeterminate	2	13253	
9	Not applicable	1012	14265	
.	Missing	214	14479	

SMHA_TP	Target			
	B(12 Yrs. to 74 Yrs.)			
Hard Edits	SAS Label			
	T. pallidum microhemagglutination assay			
English Text: Microhemagglutination assay for Treponema pallidum.				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0	Not tested	13047	13047	
1	Positive	149	13196	
2	Negative	58	13254	
9	Not applicable	1011	14265	
.	Missing	214	14479	