
Bibliographies and Data Sources

Smoking Data Guide

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Center for Health Statistics

Hyattsville, Maryland
August 1991
DHHS Publication No. (PHS) 91-1308-1

National Center for Health Statistics

Manning Feinleib, M.D., Dr.P.H., *Director*

Robert A. Israel, *Deputy Director*

Jacob J. Feldman, Ph.D., *Associate Director for Analysis and Epidemiology*

Gail F. Fisher, Ph.D., *Associate Director for Planning and Extramural Programs*

Peter L. Hurley, *Associate Director for Vital and Health Statistics Systems*

Robert A. Israel, *Acting Associate Director for International Statistics*

Stephen E. Nieberding, *Associate Director for Management*

Charles J. Rothwell, *Associate Director for Data Processing and Services*

Monroe G. Sirken, Ph.D., *Associate Director for Research and Methodology*

David L. Larson, *Assistant Director, Atlanta*

Division of Epidemiology and Health Promotion

Ronald W. Wilson, *Director*

Patricia M. Golden, *Special Assistant*

Diane K. Wagener, Ph.D., *Chief, Environmental Studies Branch*

Ronald W. Wilson, *Acting Chief, Health Status Measurement Branch*

Contents

Symbols in body of table	2
Smoking data from the National Center for Health Statistics	3
Footnotes	16
References	18

Smoking data guide from the National Center for Health Statistics 1964-92

by Kathleen M. Turczyn, M.P.H., Division of
Epidemiology and Health Promotion

The National Center for Health Statistics (NCHS) is responsible for producing vital and health statistics for the U.S. population. The diversified program of health surveys and inventories includes the compilation of data and statistics on environmental, social, and other health hazards. This guide presents a summary of the NCHS data gathered during the last 27 years on one such hazard—smoking. Some data are on public use data tapes and some are in published reports. The main purposes of this guide are to identify NCHS data on smoking behavior for the research and public health communities and encourage further use of these data bases.

Smoking is defined as the use of cigarettes, cigars, pipes, or other tobacco products. Throughout NCHS surveys, cigarette smoking in the general population has provided the most extensive measure of tobacco use in the United States. Cigarette smokers are generally defined as persons who have smoked 100 or more cigarettes in their lifetime.

The measures of smoking behavior obtained at different times and in different surveys are not always identical or comparable. For example, the measures of smoking cessation from the various surveys have common elements but differ greatly in the level of detail obtained. Therefore, users of this guide are encouraged to review carefully the symbols and footnotes presented with the data descriptors.

In addition to the data on smoking collected in NCHS surveys, NCHS contracted with the Bureau of the Census to collect smoking data in the Current Population Survey in June 1966, August 1967, and August 1968. These data are not available as public use tapes, but results can be found in the following NCHS publications (see guide to symbols on following page): 1966 data—VH 10-59, MVSR 18-9S; 1967 data—MVSR 18-9S; 1968 data—MVSR 18-9S and 19-9S.

For more detailed information about any of the data sets described or for assistance in obtaining the public use data tapes or published reports mentioned, please contact the following office:

Scientific and Technical Information Branch
National Center for Health Statistics
6525 Belcrest Road, Room 1064
Hyattsville, Maryland 20782

(301) 436-8500

NOTE: Some information in this publication is projected.

Symbols in body of table

X	Question asked or fact can be determined
-	Question not asked or data not available
S	Self-report
P	Proxy may have been used
CY	Calendar year
DHIS	Public use data tape available from the Division of Health Interview Statistics, NCHS
NTIS	Public use data tape available from National Technical Information Service (see NTIS reference)
Special	Data tape available by special arrangement with NCHS
Future	Data to be available in the future from NCHS
VH	Vital and Health Statistics, series and number
AD	Advance Data, number
MVSR	Monthly Vital Statistics Report, volume and number
HUS	Health, United States, year
PHR	Public Health Reports, volume and number
AJPH	American Journal of Public Health, volume and number
AJE	American Journal of Epidemiology, volume and number
JAMA	Journal of the American Medical Association, volume and number
SIM	Statistics in Medicine, volume and number

Smoking data from the National Center for Health Statistics

Measure	National Health Interview Surveys		
	1964-65	1965-66	1970
1. Dates collected	July 1964-June 1965	July 1965-June 1966	CY 1970
2. Type of administration ¹	A	A	A
3. Approximate number of respondents	89,000	89,000	77,000
4. Lowest age asked	17	17	17
5. Self-report or proxy report	S and P	S and P	S and P
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	X	X	X
g. Amount smoked 12 months ago	X	X	X
h. Age started	-	-	X
i. Years smoked	-	-	-
j. Quitting attempts and related issues	X	X	X
k. Brand smoked	-	-	-
l. Type of cigarette	-	-	X
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	X ³	X ³	X ³
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	X ⁴	X ⁴	X ⁵
8. Smokeless tobacco and other	-	-	X
9. References: ²			
a. Questionnaire and survey description	VH 10-25 VH 10-34 MVSR 21-3 HUS 1979-90	VH 10-37	VH 10-72 MVSR 21-3 AJPH 71-3
b. Data analysis		-	
10. Other health data available	X	X	X
11. Data availability	Special	Special	NTIS

Smoking data from the National Center for Health Statistics

Measure	National Health Interview Surveys		
	1974	1976	1977
1. Dates collected	CY 1974	CY 1976	CY 1977
2. Type of administration ¹	A	A	A
3. Approximate number of respondents	26,000	23,000	23,000
4. Lowest age asked	17	19	19
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	-	-	-
g. Amount smoked 12 months ago	-	-	-
h. Age started	-	-	-
i. Years smoked	-	-	-
j. Quitting attempts and related issues	X	X	-
k. Brand smoked	-	-	-
l. Type of cigarette	-	-	-
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	-	-	-
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	-	-	-
8. Smokeless tobacco and other	-	-	-
9. References: ²			
a. Questionnaire and survey description	VH 10-100 VH 10-121	VH 10-119 VH 10-131	VH 10-126
b. Data analysis	HUS 1989-90 JAMA 261-1a	HUS 1979-88 JAMA 261-1a	AD 64
10. Other health data available	X	X	X
11. Data availability	NTIS	NTIS	NTIS

Smoking data from the National Center for Health Statistics

National Health Interview Surveys

Measure	National Health Interview Surveys		
	1978 smoking supplement	1979 smoking supplement	1980 smoking supplement
1. Dates collected	July-Dec. 1978	CY 1979	July-Dec. 1980
2. Type of administration ¹	A	A	A
3. Approximate number of respondents	12,000	26,000	11,000
4. Lowest age asked	17	17	17
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	X	X	X
g. Amount smoked 12 months ago	-	-	-
h. Age started	X	X	X
i. Years smoked	-	-	-
j. Quitting attempts and related issues	X	X	X
k. Brand smoked	X	X	X
l. Type of cigarette	X	X	X
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	-	-	-
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	-	-	-
8. Smokeless tobacco and other	-	-	-
9. References: ²			
a. Questionnaire and survey description	VH 10-130	VH 10-136	VH 10-139
b. Data analysis	AD 52 HUS 1979 JAMA 261-1a	HUS 1980, 1990 JAMA 261-1a	HUS 1982-87 JAMA 261-1a
10. Other health data available	- ⁶	X	X
11. Data availability	DHIS	DHIS	DHIS

Smoking data from the National Center for Health Statistics

National Health Interview Surveys

Measure	National Longitudinal Health Interview Survey		1983 smoking supplement
	Wave I	Wave II	
1. Dates collected	CY 1980	CY 1981	CY 1983
2. Type of administration ¹	B	B	A
3. Approximate number of respondents	9,000	7,650	25,000
4. Lowest age asked	17	18	18
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	X	X	—
f. Highest amount smoked	—	—	—
g. Amount smoked 12 months ago	—	—	—
h. Age started	X	X	—
i. Years smoked	—	—	—
j. Quitting attempts and related issues	X ⁵	X ⁵	X
k. Brand smoked	X	X	—
l. Type of cigarette	X	X	—
m. Smoking related to last pregnancy	—	—	—
n. Environmental smoking:			
Home	—	—	—
Workplace	—	—	—
o. Purchasing practices	—	—	—
p. Attitudes and knowledge	—	—	—
q. Number of days smoked in past 30 days	—	—	—
r. Ever smoked cigarettes every day?	—	—	—
7. Cigar and pipe	—	—	—
8. Smokeless tobacco and other	—	—	—
9. References: ²			
a. Questionnaire and survey description	— ⁸	— ⁸	VH 10-154
b. Data analysis	—	—	HUS 1984-85, 1988-90 JAMA 261-1a
10. Other health data available	—	—	X
11. Data availability	Special	Special	DHIS

Smoking data from the National Center for Health Statistics

Measure	National Health Interview Surveys		
	1985 health promotion supplement	1986 linked telephone survey	1987 cancer control supplement
1. Dates collected	CY.1985	Mar.-May 1986	CY 1987
2. Type of administration ¹	A	B	A
3. Approximate number of respondents	25,000	1,900 ⁹	44,000
4. Lowest age asked	18	18	18
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	-	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	-	-	-
g. Amount smoked 12 months ago	-	-	-
h. Age started	-	-	X ¹⁰
i. Years smoked	-	-	X
j. Quitting attempts and related issues	X	X	X
k. Brand smoked	-	-	X
l. Type of cigarette	-	-	X
m. Smoking related to last pregnancy	X	X	-
n. Environmental smoking:			
Home	X ³	-	-
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	X
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	-	-	X
8. Smokeless tobacco and other	-	-	X
9. References: ²			
a. Questionnaire and survey description	VH 10-160	- ⁸	VH 10-166 VH 10-169
b. Data analysis	HUS 1986-90 AD 113 VH 5-3 VH 10-163 JAMA 261-1a	AJPH 80-5	HUS 1988-90 VH 10-169
10. Other health data available	X	X	X
11. Data availability	DHIS	Special	DHIS

Smoking data from the National Center for Health Statistics

<i>Measure</i>	<i>National Health Interview Surveys</i>		
	<i>1988 supplement (section N8)</i>	<i>1989 current health topics supplement</i>	<i>Teenage attitudes and practices survey</i>
1. Dates collected	CY 1988	CY 1989	Sept. 1989–Mar. 1990
2. Type of administration ¹	A	A	B
3. Approximate number of respondents	44,000	12,000 ¹¹	12,000
4. Lowest age asked	18	18	12–18
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	–	_12
b. Current smoker	X	X	X
c. Former smoker	X	–	–
d. Current amount	X	X	X ¹³
e. Ever smoked more?	–	–	–
f. Highest amount smoked	–	–	–
g. Amount smoked 12 months ago	–	–	–
h. Age started	–	–	X
i. Years smoked	–	–	–
j. Quitting attempts and related issues	X	–	X
k. Brand smoked	–	–	X
l. Type of cigarette	–	–	–
m. Smoking related to last pregnancy	–	–	–
n. Environmental smoking:			
Home	X ¹⁴	–	X ¹⁴
Workplace	–	–	–
o. Purchasing practices	–	–	X
p. Attitudes and knowledge	–	–	X
q. Number of days smoked in past 30 days	–	–	X
r. Ever smoked cigarettes every day?	–	–	–
7. Cigar and pipe	–	–	–
8. Smokeless tobacco and other	–	–	X ⁴
9. References: ²			
a. Questionnaire and survey description	VH 10-173	_8	_8
b. Data analysis	AD 202	–	–
10. Other health data available	X	X	X
11. Data availability	DHIS	Future	Future

Smoking data from the National Center for Health Statistics

Measure	National Health Interview Surveys		
	1990 computer-assisted telephone interview supplement (sections P and X)	1991 supplement (sections C and F)	1992 youth risk survey
1. Dates collected	CY 1990	CY 1991	CY 1992
2. Type of administration ¹	A	A	B
3. Approximate number of respondents	48,500	48,500	12,000 ¹¹
4. Lowest age asked	18	18	12-20
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	-
b. Current smoker	X	X	X
c. Former smoker	X	X	-
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	-	-	-
g. Amount smoked 12 months ago	-	-	-
h. Age started	-	-	X
i. Years smoked	-	-	-
j. Quitting attempts and related issues	X	X	-
k. Brand smoked	-	-	-
l. Type of cigarette	-	-	-
m. Smoking related to last pregnancy	X	X	-
n. Environmental smoking:			
Home	X ³	X ¹⁴	-
Workplace	-	X	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	X	X
r. Ever smoked cigarettes every day?	-	X	-
7. Cigar and pipe	-	X	-
8. Smokeless tobacco and other	-	X	X
9. References: ²			
a. Questionnaire and survey description	- ⁸	- ⁸	-
b. Data analysis	-	-	-
10. Other health data available	X	X	X
11. Data availability	Future	Future	Future

Smoking data from the National Center for Health Statistics

National Health and Nutrition Examination Surveys (NHANES)

<i>Measure</i>	<i>National Health Examination Survey</i>		
	<i>Cycle 3</i>	<i>NHANES I</i>	<i>NHANES II</i>
1. Dates collected	CY 1966–70	CY 1971–75	CY 1976–80
2. Type of administration ¹	A	A	A
3. Approximate number of respondents	6,700	6,900	18,100
4. Lowest age asked.	12–17	25	12
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	–	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	–	–	–
f. Highest amount smoked	–	X	–
g. Amount smoked 12 months ago.	–	X	X
h. Age started.	X	X	X
i. Years smoked	–	–	–
j. Quitting attempts and related issues	–	X	X
k. Brand smoked.	–	–	–
l. Type of cigarette	–	–	–
m. Smoking related to last pregnancy	–	–	–
n. Environmental smoking:			
Home	–	–	–
Workplace	–	–	–
o. Purchasing practices	–	–	–
p. Attitudes and knowledge	–	–	–
q. Number of days smoked in past 30 days	–	–	–
r. Ever smoked cigarettes every day?	–	–	–
7. Cigar and pipe.	X	X ⁶	X
8. Smokeless tobacco and other	–	X	–
9. References: ²			
a. Questionnaire and survey description	VH 1-8	VH 1-10b VH 1-14	VH 1-15
b. Data analysis.	VH 11-147	VH 11-222	–
10. Other health data available	X	X	X
11. Data availability	NTIS	NTIS	NTIS

Smoking data from the National Center for Health Statistics

National Health and Nutrition Examination Surveys (NHANES)

Hispanic HANES

Measure	Ages 12-19	Ages 20-74	NHANES III
1. Dates collected	July 1982-Nov. 1984	July 1982-Nov. 1984	CY 1988-94
2. Type of administration ¹	A	A	A
3. Approximate number of respondents	2,300	5,300	40,000
4. Lowest age asked	12	20	17
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	X	X	X
f. Highest amount smoked	X	X	X
g. Amount smoked 12 months ago	-	-	-
h. Age started	X	X	X
i. Years smoked	-	-	X
j. Quitting attempts and related issues	-	X	X
k. Brand smoked	X	X	-
l. Type of cigarette	X	X	-
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	X ¹⁴	X ¹⁴	X ³
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	-	X	X
8. Smokeless tobacco and other	-	-	X
9. References: ²			
a. Questionnaire and survey description	VH 1-19	VH 1-19	- ⁸
b. Data analysis	-	a JAMA 261-1b	-
10. Other health data available	X	X	X
11. Data availability	NTIS	NTIS	Future

Smoking data from the National Center for Health Statistics

Measure	Surveys from vital records data bases		
	National Mortality Survey	1986 National Mortality Followback Survey	1992 National Mortality Followback Survey
1. Dates collected	CY 1966-68	CY 1986	CY 1992
2. Type of administration ¹	C ¹⁵	C ¹⁵	C ¹⁵
3. Approximate number of respondents	19,500	18,700	20,000 ¹¹
4. Lowest age asked.	35	25	25
5. Self-report or proxy report.	P	P	P
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X ¹⁶	X	X
c. Former smoker	X	X	X
d. Current amount	X ¹⁶	-	-
e. Ever smoked more?	X ¹⁷	-	-
f. Highest amount smoked	X	X	X
g. Amount smoked 12 months ago.	-	-	-
h. Age started.	-	-	-
i. Years smoked	-	X	X
j. Quitting attempts and related issues.	-	X	X
k. Brand smoked	-	-	-
l. Type of cigarette	-	-	-
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	-	X ³	X ³
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe.	X ¹⁷	-	-
8. Smokeless tobacco and other	X	X	X
9. References: ²			
a. Questionnaire and survey description	_8	_8	_8
b. Data analysis.	b	-	-
10. Other health data available	X	X	X
11. Data availability	NTIS	NTIS	Future

Smoking data from the National Center for Health Statistics

Measure	Surveys from vital records data bases		
	1980 National Nativity Survey	1988 National Maternal and Infant Health Survey	1990 Longitudinal Followup Study ¹⁸
1. Dates collected	June 1980–Dec. 1981	Dec. 1988–Dec. 1990	CY 1990
2. Type of administration ¹	C	C	C
3. Approximate number of respondents	4,400 ⁹	21,000 ^{9,11}	12,000 ¹¹
4. Lowest age asked	15	15 ¹⁹	17 ¹⁹
5. Self-report or proxy report	S	S	S
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	–	–	–
b. Current smoker	–	X	X
c. Former smoker	–	–	–
d. Current amount	X ²⁰	X	X
e. Ever smoked more?	–	–	–
f. Highest amount smoked	–	–	–
g. Amount smoked 12 months ago	–	–	–
h. Age started	–	–	–
i. Years smoked	–	–	–
j. Quitting attempts and related issues	–	X	–
k. Brand smoked	X ²⁰	–	–
l. Type of cigarette	X ²⁰	–	–
m. Smoking related to last pregnancy	X	X	–
n. Environmental smoking:			
Home	–	X ¹⁴	X ¹⁴
Workplace	–	–	–
o. Purchasing practices	–	–	–
p. Attitudes and knowledge	–	–	–
q. Number of days smoked in past 30 days	–	–	–
r. Ever smoked cigarettes every day?	–	–	–
7. Cigar and pipe	–	–	–
8. Smokeless tobacco and other	–	X ²¹	X ²¹
9. References: ²			
a. Questionnaire and survey description	– ⁸	– ⁸	– ⁸
b. Data analysis	HUS 1983 VH 21-44 PHR 99-2 AJE 121-6 AJPH 77-7	–	–
10. Other health data available	–	X	X
11. Data availability	NTIS	Future	Future

Smoking data from the National Center for Health Statistics

Measure	NHANES Epidemiologic Followup Study		
	NHANES I 1982-84 Followup (1st wave) ²²	1986 Continued Followup (2d wave)	1987 Continued Followup (3d wave)
1. Dates collected	CY 1982-84	Feb. 1985-July 1986	CY 1987
2. Type of administration ¹	A	B	B
3. Approximate number of respondents	12,200 ²³	4,200	11,750
4. Lowest age asked	35	66	36
5. Self-report or proxy report	S	S and P	S and P
6. Cigarettes	X	X	X
a. Criterion for smoker was at least 100 cigarettes	X	X	X
b. Current smoker	X	X	X
c. Former smoker	X	X	X
d. Current amount	X	X	X
e. Ever smoked more?	-	-	-
f. Highest amount smoked	-	-	-
g. Amount smoked 12 months ago	-	-	-
h. Age started	X	-	-
i. Years smoked	X ¹⁰	-	X
j. Quitting attempts and related issues	X	X	X
k. Brand smoked	-	-	-
l. Type of cigarette	X	-	-
m. Smoking related to last pregnancy	-	-	-
n. Environmental smoking:			
Home	X ³	-	-
Workplace	-	-	-
o. Purchasing practices	-	-	-
p. Attitudes and knowledge	-	-	-
q. Number of days smoked in past 30 days	-	-	-
r. Ever smoked cigarettes every day?	-	-	-
7. Cigar and pipe	X	-	-
8. Smokeless tobacco and other	X	-	-
9. References: ²			
a. Questionnaire and survey description	VH 1-22 PHR 98-3	VH 1-25	- ⁸
b. Data analysis	AJE 126-1 SIM 8-8	-	AJE 126-1
10. Other health data available	X	X	X
11. Data availability	NTIS	NTIS	Future

Smoking data from the National Center for Health Statistics

Measure	Other surveys			
	National Survey of Family Growth		National Survey of Personal Health Practices and Consequences	
	Cycle III	Cycle IV ²⁴	Wave I	Wave II ⁷
1. Dates collected	Sept. 1982– Feb. 1983	Jan.–Aug. 1988	Spring 1979	Spring 1980
2. Type of administration ¹	A	A	B	B
3. Approximate number of respondents	5,150 ⁹	8,900 ⁹	3,000	2,400
4. Lowest age asked	15	15	20–64	21–65
5. Self-report or proxy report	S	S	S	S
6. Cigarettes	X	X	X	X
a. Criterion for smoker was at least 100 cigarettes	–	–	X	X
b. Current smoker	–	–	X	X
c. Former smoker	–	–	X	X
d. Current amount	–	–	X	X
e. Ever smoked more?	–	–	–	–
f. Highest amount smoked	–	–	X	X
g. Amount smoked 12 months ago	–	X ²⁰	–	–
h. Age started	–	–	–	–
i. Years smoked	–	–	–	–
j. Quitting attempts and related issues	–	–	X	X
k. Brand smoked	–	–	– ²⁵	– ²⁵
l. Type of cigarette	–	–	–	–
m. Smoking related to last pregnancy	X	X	–	–
n. Environmental smoking:				
Home	–	–	–	–
Workplace	–	–	–	–
o. Purchasing practices	–	–	–	–
p. Attitudes and knowledge	–	–	–	–
q. Number of days smoked in past 30 days	–	–	–	–
r. Ever smoked cigarettes every day?	–	–	–	–
7. Cigar and pipe	–	–	–	–
8. Smokeless tobacco and other	–	–	–	–
9. References: ²				
a. Questionnaire and survey description	VH 2-98	– ⁸	VH 15-1 HUS 1981	– ⁸
b. Data analysis	–	–	VH 15-1,2 PHR 96-3	– ⁸
10. Other health data available	–	X	X	X
11. Data availability	NTIS	Future	NTIS	NTIS

Footnotes

1. Type of administration codes:

A. Personal interview.

B. Telephone interview.

C. Mail.

2. References refer to NCHS publications or journals. Questionnaire description references show the complete survey questionnaire. Data analysis references may not be exhaustive.

3. Married to a smoker.

4. Asked of males only.

5. Detailed questions.

6. Smoking supplement has not been linked to core questionnaire.

7. Followup of persons interviewed in Wave I.

8. Questionnaire, smoking supplement, or preliminary findings are available from NCHS.

9. Asked of females only.

10. Smoking regularly.

11. Sample size.

12. Question asked but not as a criterion for being a smoker.

13. Detailed questions about amount smoked in past 7 days.

14. Other smokers in the household.

15. Mail survey of surviving relative or other informant.

16. During year before death.

17. In 3 years before death.

18. Followup of mothers interviewed in 1988 National Maternal and Infant Health Survey.

19. Age of youngest mother in sample (survey sample is based on birth certificates.)

20. Related to pregnancy.
21. Marijuana, hashish, cocaine, or crack.
22. Followup interview of examinees from NHANES I (1970-75). See PHR 98-3.
23. 6,900 subjects received smoking questions at baseline.
24. Cycle V is scheduled for 1992.
25. Brand not ascertained, but persons are asked whether they changed brand in last 2 years.

References

- a Haynes, S. G., et al., "Cigarette smoking patterns among Mexican Americans: HHANES, Southwest, U.S., 1982-83." presented at the Annual Meeting of the American Public Health Association, Nov. 1985.
- b Enstrom, J. E., and Godley, F. H. Cancer mortality among a representative sample of nonsmokers in the United States during 1966-68. *Journal of the National Cancer Institute*, Vol. 65, No. 5, Nov. 1980.
- AD 52 National Center for Health Statistics, Moss, A. J.: Changes in cigarette smoking and current smoking practices among adults, United States, 1978. *Advance Data From Vital and Health Statistics*. No. 52. DHEW Pub. No. (PHS) 79-1250. Public Health Service. Hyattsville, Md., Sept. 19, 1979.
- AD 64 National Center for Health Statistics, Schoenborn, C. A., and Danchik, K. M.: Health practices among adults, United States, 1977. *Advance Data From Vital and Health Statistics*. No. 64. DHHS Pub. No. (PHS) 81-1250. Public Health Service. Hyattsville, Md., Nov. 4, 1980.
- AD 113 National Center for Health Statistics: Provisional data from the Health Promotion and Disease Prevention Supplement to the National Health Interview Survey: United States, January-March 1985. *Advance Data From Vital and Health Statistics*. No. 113. DHHS Pub. No. (PHS) 86-1250. Public Health Service. Hyattsville, Md., Nov. 15, 1985.
- AD 202 National Center for Health Statistics, Overpeck, M. D., and Moss, A. J.: Children's exposure to environmental cigarette smoke before and after birth: Health of our Nation's children, 1988. *Advance Data From Vital and Health Statistics*. No. 202. DHHS Pub. No. (PHS) 91-1250. Public Health Service. Hyattsville, Md., June 18, 1991.
- AJE 121-6 Kleinman, J. C., and Madans, J. H. "The effects of maternal smoking, physical stature, and educational attainment on the incidence of low birth weight." *American Journal of Epidemiology* 121(6):843-855 (1985).
- AJE 126-1 McLaughlin, J. K., Dietz, M. S., Mehl, E. S. and Blot, W. J. "Reliability of surrogate information on cigarette smoking by type of informant." *American Journal of Epidemiology* 126(1):144-146 (1987).

- AJPH 71-3 Bonham, G. S. and Wilson, R. W. "Children's health in families with cigarette smokers." *American Journal of Public Health* 71(3):290-293 (1987).
- AJPH 80-5 Fingerhut, L. A., Kleinman, J. C., and Kendrick, J. S. "Smoking before, during, and after pregnancy." *American Journal of Public Health* 80(5):541-544 (1990).
- AJPH 77-7 Kleinman, J. C., and Kopstein, A. "Smoking during pregnancy, 1967-80." *American Journal of Public Health* 77(7):823-825 (1987).
- HUS 1979 National Center for Health Statistics. *Health, United States, 1979*. DHEW Pub. No. (PHS) 80-1232. Public Health Service. Washington. U.S. Government Printing Office, 1979.
- HUS 1980 National Center for Health Statistics. *Health, United States, 1980*. DHHS Pub. No. (PHS) 81-1932. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1980.
- HUS 1981 National Center for Health Statistics. *Health, United States, 1981*. DHHS Pub. No. (PHS) 82-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1981.
- HUS 1982 National Center for Health Statistics. *Health, United States, 1982*. DHHS Pub. No. (PHS) 83-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1982.
- HUS 1983 National Center for Health Statistics. *Health, United States, 1983*. DHHS Pub. No. (PHS) 84-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1983.
- HUS 1984 National Center for Health Statistics. *Health, United States, 1984*. DHHS Pub. No. (PHS) 85-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1984.
- HUS 1985 National Center for Health Statistics. *Health, United States, 1985*. DHHS Pub. No. (PHS) 86-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1985.
- HUS 1986 National Center for Health Statistics. *Health, United States, 1986*. DHHS Pub. No. (PHS) 87-1232. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1986.
- HUS 1987 National Center for Health Statistics. *Health, United States, 1987*. DHHS Pub. No. (PHS) 88-1232. Public Health Service. Washington. U.S. Government Printing Office, Mar. 1988.
- HUS 1988 National Center for Health Statistics. *Health, United States, 1988*. DHHS Pub. No. (PHS) 89-1232. Public Health Service. Washington. U.S. Government Printing Office, Mar. 1989.
- HUS 1989 National Center for Health Statistics. *Health, United States, 1989*. DHHS Pub. No. (PHS) 90-1232. Public Health Service. Washington. U.S. Government Printing Office, Mar. 1990.

- HUS 1990 National Center for Health Statistics. *Health, United States, 1990*. DHHS Pub. No. (PHS) 91-1232. Public Health Service. Washington. U.S. Government Printing Office, Mar. 1991.
- JAMA 261-1a Pierce, J. P., Fiore, M. C., Novotny, T. E., et al. "Trends in cigarette smoking in the United States—educational differences are increasing." *Journal of the American Medical Association* 261(1):56-60 (1989).
- JAMA 261-1b Escobedo, L. G., and Remington, P. L. "Birth cohort analysis of prevalence of cigarette smoking among Hispanics in the United States." *Journal of the American Medical Association* 261(1):66-69 (1989).
- MVSR 18-9S National Center for Health Statistics. "Cigarette Smoking Status June 1966, August 1976, and August 1968." *Monthly Vital Statistics Report*, Vol. 18, No. 9, Supplement (2), Public Health Service, Rockville, Md., Dec. 5, 1969.
- MVSR 19-9S National Center for Health Statistics. "Changes in Cigarette Consumption Between June 1966 and August 1968." *Monthly Vital Statistics Report*, Vol. 19, No. 9, Supplement, Public Health Service, Rockville, Md., Dec. 1970.
- MVSR 21-3 National Center for Health Statistics. "Cigarette Smoking: United States, 1970." *Monthly Vital Statistics Report*, Vol. 21, No. 3. Supplement, Public Health Service, Rockville, Md., June 2, 1972.
- NTIS National Center for Health Statistics. *Catalog of Public Use Tapes from the National Center for Health Statistics*. DHHS Pub. No. (PHS) 81-1213, Public Health Service. Hyattsville, Md., Nov. 1980.
- PHR 96-3 Wilson, R.W. and Elinson, J. "National Survey of Personal Health Practices and Consequences: Background, conceptual issues, and selected findings." *Public Health Reports*, Vol. 96, No. 3, Public Health Service. Washington. U.S. Government Printing Office, May-June 1981, pp. 218-25.
- PHR 98-3 Cornoni-Huntley, et al. "National Health and Nutrition Examination I—Epidemiologic Followup Study." *Public Health Reports*. Vol. 98, No. 3, Public Health Service. Washington. U.S. Government Printing Office, May-June 1983, pp. 245-51.
- PHR 99-2 "Special Section: Findings from the 1980 National Natality and Fetal Mortality Surveys." (8 articles) *Public Health Reports*. Vol. 99, No. 2, Public Health Service. Washington. U.S. Government Printing Office, March-April 1984, pp. 111-183.
- SIM 8-8 Machlin, S. R., Kleinman, J. C., and Madans, J. H. "Validity of mortality analysis based on retrospective smoking information." *Statistics in Medicine* 8(8):997-1009 (1989).
- VH 1-8 National Center for Health Statistics: Plan and operation of a health examination survey of U.S. youths 12-17 years of age. *Vital and Health Statistics*. Series 1, No. 8. PHS Pub. No. 1000. Public

Health Service. Washington. U.S. Government Printing Office, Sept. 1969.

- VH 1-10b National Center for Health Statistics: Plan and operation of the Health and Nutrition Examination Survey, United States, 1971-73. *Vital and Health Statistics*. Series 1, No. 10b. DHEW Pub. No. (HSM) 73-1310, Health Services and Mental Health Administration. Washington. U.S. Government Printing Office, Feb. 1973.
- VH 1-14 National Center for Health Statistics, A. Engel, R. S. Murphy, K. Maurer, and E. Collins: Plan and operation of the HANES I Augmentation Survey of Adults 25-74 Years, United States, 1974-75. *Vital and Health Statistics*. Series 1, No. 14. DHEW Pub. No. (PHS) 78-1314. Public Health Service. Washington. U.S. Government Printing Office, June 1978.
- VH 1-15 National Center for Health Statistics, A. McDowell, A. Engel, J. T. Massey, and K. Maurer: Plan and operation of the Second National Health and Nutrition Examination Survey, 1976-80. *Vital and Health Statistics*. Series 1, No. 15. DHHS Pub. No. (PHS) 81-1317. Public Health Service. Washington. U.S. Government Printing Office, July 1981.
- VH 1-19 National Center for Health Statistics, K. R. Maurer: Plan and operation of the Hispanic Health and Nutrition Examination Survey, 1982-84. *Vital and Health Statistics*. Series 1, No. 19. DHHS Pub. No. (PHS) 85-1321. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1985.
- VH 1-22 National Center for Health Statistics, B. B. Cohen, H. E. Barbano, C. S. Cox, et al.: Plan and operation of the NHANES I Epidemiologic Followup Study, 1982-84. *Vital and Health Statistics*. Series 1, No. 22. DHHS Pub. No. (PHS) 87-1324. Public Health Service. Washington. U.S. Government Printing Office, June 1987.
- VH 1-25 National Center for Health Statistics, F. F. Finucane, V. M. Freid, J. H. Madans, et al.: Plan and operation of the NHANES I Epidemiologic Followup Study, 1986. *Vital and Health Statistics*. Series 1, No. 25. DHHS Pub. No. (PHS) 90-1307. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1990.
- VH 2-98 National Center for Health Statistics, C. A. Bachrach, M. C. Horn, and W. D. Mosher: National Survey of Family Growth, Cycle III sample design, weighting, and variance estimation. *Vital and Health Statistics*. Series 2, No. 98. DHHS Pub. No. (PHS) 85-1372. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1985.
- VH 5-3 National Center for Health Statistics, T. Stephens and C. Schoenborn: Adult health practices in the United States and Canada. *Vital and Health Statistics*. Series 5, No. 3. DHHS Pub. No. (PHS) 88-1479. Public Health Service. Washington. U.S. Government Printing Office, May 1988.

- VH 10-25 National Center for Health Statistics, C. S. Wilder: Current estimates from the Health Interview Survey, United States, July 1964-June 1965. *Vital and Health Statistics*. Series 10, No. 25. PHS Pub. No. 1000. Public Health Service. Washington. U.S. Government Printing Office, Nov. 1965.
- VH 10-34 National Center for Health Statistics, R. W. Wilson: Cigarette smoking and health characteristics, United States, July 1964-June 1965. *Vital and Health Statistics*. Series 10, No. 34. PHS Pub. No. 1000. Public Health Service. Washington. U.S. Government Printing Office, May 1967.
- VH 10-37 National Center for Health Statistics, M. L. Bauer: Current estimates from the Health Interview Survey, United States, July 1965-June 1966. *Vital and Health Statistics*. Series 10, No. 37. PHS Pub. No. 1000. Public Health Service. Washington. U.S. Government Printing Office, May 1967.
- VH 10-59 National Center for Health Statistics, P. I. Ahmed and G. A. Gleeson: Changes in cigarette smoking habits between 1955 and 1966. *Vital and Health Statistics*. Series 10, No. 59. PHS Pub. No. 1000. Public Health Service. Washington. U.S. Government Printing Office, Apr. 1970.
- VH 10-72 National Center for Health Statistics, M. H. Wilder: Current estimates from the Health Interview Survey, United States, 1970. *Vital and Health Statistics*. Series 10, No. 72. DHEW Pub. No. (HSM) 72-1054. Health Services and Mental Health Administration. Washington. U.S. Government Printing Office, May 1972.
- VH 10-100 National Center for Health Statistics, P. W. Ries: Current estimates from the Health Interview Survey, United States, 1974. *Vital and Health Statistics*. Series 10, No. 100. DHEW Pub. No. (HRA) 77-1527. Health Resources Administration. Washington. U.S. Government Printing Office, Feb. 1977.
- VH 10-119 National Center for Health Statistics, E. R. Black: Current estimates from the Health Interview Survey, United States, 1976. *Vital and Health Statistics*. Series 10, No. 119. DHEW Pub. No. (PHS) 78-1547. Public Health Service. Washington. U.S. Government Printing Office, Nov. 1977.
- VH 10-121 National Center for Health Statistics, A. J. Moss and G. Scott: Characteristics of persons with hypertension, United States, 1974. *Vital and Health Statistics*. Series 10, No. 121. DHEW Pub. No. (PHS) 79-1549. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1978.
- VH 10-126 National Center for Health Statistics, L. J. Howie and T. F. Drury: Current estimates from the Health Interview Survey, United States, 1977. *Vital and Health Statistics*. Series 10, No. 126. DHEW Pub. No. (PHS) 78-1554. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1978.

- VH 10-130 National Center for Health Statistics, J. D. Givens: Current estimates from the Health Interview Survey, United States, 1978. *Vital and Health Statistics*. Series 10, No. 130. DHEW Pub. No. (PHS) 80-1551. Public Health Service. Washington. U.S. Government Printing Office, Nov. 1979.
- VH 10-131 National Center for Health Statistics, G. S. Bonham and P. E. Leaveron: Use habits among adults of cigarettes, coffee, aspirin, and sleeping pills, United States, 1976. *Vital and Health Statistics*. Series 10, No. 131. DHEW Pub. No. (PHS) 80-1559. Public Health Service. Washington. U.S. Government Printing Office, Oct. 1979.
- VH 10-136 National Center for Health Statistics, S. S. Jack and P. W. Ries: Current estimates from the Health Interview Survey, United States, 1979. *Vital and Health Statistics*. Series 10, No. 136. DHHS Pub. No. (PHS) 81-1564. Public Health Service. Washington. U.S. Government Printing Office, Apr. 1981.
- VH 10-139 National Center for Health Statistics, S. S. Jack: Current estimates from the Health Interview Survey, United States, 1980. *Vital and Health Statistics*. Series 10, No. 139. DHHS Pub. No. (PHS) 82-1567. Public Health Service. Washington. U.S. Government Printing Office, Dec. 1981.
- VH 10-154 National Center for Health Statistics: Current estimates from the Health Interview Survey, United States, 1983. *Vital and Health Statistics*. Series 10, No. 154. DHHS Pub. No. (PHS) 86-1582. Public Health Service. Washington. U.S. Government Printing Office, June 1986.
- VH 10-160 National Center for Health Statistics, A. J. Moss and V. L. Parsons: Current estimates from the National Health Interview Survey: United States, 1985. *Vital and Health Statistics*. Series 10, No. 160. DHHS Pub. No. (PHS) 86-1588. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1986.
- VH 10-163 National Center for Health Statistics, C. A. Schoenborn: Health promotion and disease prevention: United States, 1985. *Vital and Health Statistics*. Series 10, No. 163. DHHS Pub. No. (PHS) 88-1591. Public Health Service. Washington. U.S. Government Printing Office, Feb. 1988.
- VH 10-166 National Center for Health Statistics, C. A. Schoenborn and M. Marano: Current estimates from the National Health Interview Survey: United States, 1987. *Vital and Health Statistics*. Series 10, No. 166. DHHS Pub. No. (PHS) 88-1594. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1988.
- VH 10-169 National Center for Health Statistics, C. A. Schoenborn and G. Boyd: Smoking and other tobacco use: United States, 1987. *Vital and Health Statistics*. Series 10, No. 169. DHHS Pub. No. (PHS) 89-1597. Public Health Service. Washington. U.S. Government Printing Office, Sept. 1989.

- VH 10-173 National Center for Health Statistics, P. F. Adams and A. M. Hardy. Current estimates from the National Health Interview Survey: United States, 1988. *Vital and Health Statistics*. Series 10, No. 173. DHHS Pub. No. (PHS) 89-1501. Public Health Service. Washington. U.S. Government Printing Office, Oct. 1989.
- VH 11-147 National Center for Health Statistics, J. Scanlon: Self-reported health behavior and attitudes of youths 12-17 years, United States. *Vital and Health Statistics*. Series 11, No. 147. DHEW Pub. No. (HRA) 75-1629. Health Resources Administration. Washington. U.S. Government Printing Office, Apr. 1975.
- VH 11-222 National Center for Health Statistics, R. J. O'Brien and T. A. Drizd: Basic data on spirometry in adults 25-74 years of age, United States, 1971-75. *Vital and Health Statistics*. Series 11, No. 222. DHHS Pub. No. (PHS) 81-1672. Public Health Service. Washington. U.S. Government Printing Office, Mar. 1981.
- VH 15-1 National Center for Health Statistics, K. M. Danchik, C. A. Schoenborn, and J. Elinson: Highlights from Wave I of the National Survey of Personal Health Practices and Consequences, United States, 1979. *Vital and Health Statistics*. Series 15, No. 1. DHHS Pub. No. (PHS) 81-1162. Public Health Service. Washington. U.S. Government Printing Office, June 1981.
- VH 15-2 National Center for Health Statistics, C. A. Schoenborn, K. M. Danchik, and J. Elinson: Basic data from Wave I of the National Survey of Personal Health Practices and Consequences, United States, 1979. *Vital and Health Statistics*. Series 15, No. 2. DHHS Pub. No. (PHS) 81-1163. Public Health Service. Washington. U.S. Government Printing Office, Aug. 1981.
- VH 21-44 National Center for Health Statistics, S. Taffel: Maternal weight gain and the outcome of pregnancy, United States, 1980. *Vital and Health Statistics*. Series 21, No. 44. DHHS Pub. No. (PHS) 86-1922. Public Health Service. Washington. U.S. Government Printing Office, June 1986.