

Differences in Current Cigarette Smoking Between Non-Hispanic Whites and Non-Hispanic Blacks by Gender and Age Group, United States, 2001 – 2013

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SUPPLEMENTARY MATERIALS

Current cigarette smoking questions in the U.S. surveys and definition of the current smoker for the study.

YRBSS, NYTS

Have you **ever** tried cigarette smoking, even one or two puffs?
A. Yes B. No

Regardless of the response the next question is asked:

During the **past 30 days**, on how many days did you smoke cigarettes?

- A. 0 days
- B. 1 or 2 days
- C. 3 to 5 days
- D. 6 to 9 days
- E. 10 to 19 days
- F. 20 to 29 days
- G. All 30 days

Answers to both questions are checked for logical conflict, and if it is found (e.g., first response in 'No' and second is anything other than '0 days'), both responses are set as 'Missing' data.

NHIS

Have you smoked at least 100 cigarettes in your ENTIRE LIFE?

1 Yes **2** No **7** Refused **9** Don't know

If response is 'Yes', then asked:

Do you NOW smoke cigarettes every day, some days or not at all?

1 Every day
2 Some days
3 Not at all
7 Refused
9 Don't know

The current smoker in NHIS sample was defined as a person who smoked every day or some days.

NSDUH

Have you ever smoked part or all of a cigarette?

- 1 Yes
- 2 No

If response is 'Yes', then asked:

Now think about the past 30 days – that is, from [DATEFILL] up to and including today. During the past 30 days, have you smoked part or all of a cigarette?

If response is positive, then asked:

During the past 30 days, that is since ____, on how many days did you smoke part or all of a cigarette?

OF DAYS: [RANGE: 1 - 30]
DK/REF

If response is 'Don't know/Refuse', then asked:

What is your **best estimate** of the number of days you smoked part or all of a cigarette during the past 30 days?

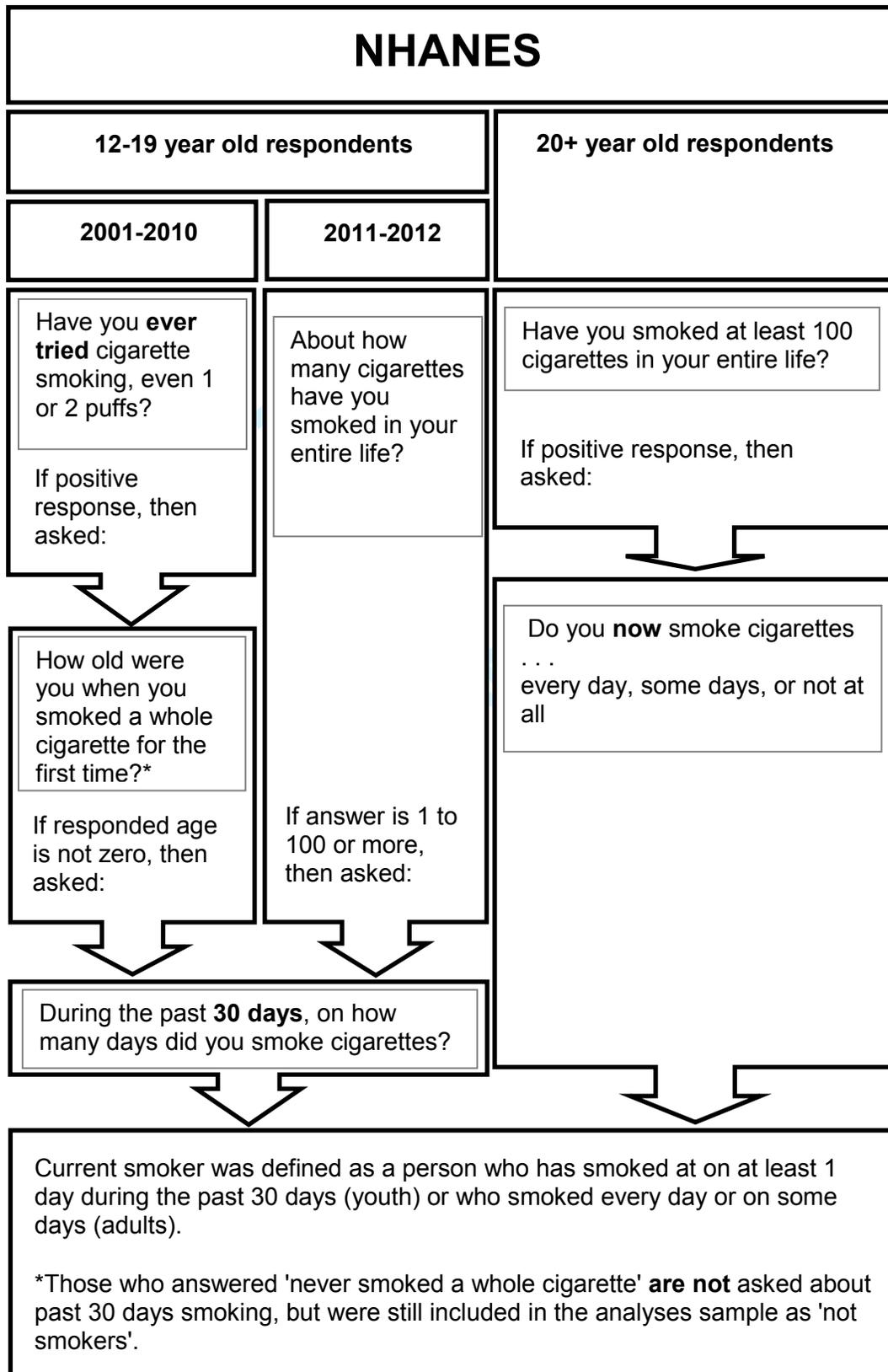
- | | |
|---------------|-----------------|
| 1 1 or 2 days | 4 10 to 19 days |
| 2 3 to 5 days | 5 20 to 29 days |
| 3 6 to 9 days | 6 All 30 days |
| DK/REF | |

Imputation is used to create a variable 'CIGARETTES - PAST MONTH USE'

0 = Did not use in the past month

1 = Used within the past month

Which was used to define a current smoker in NSDUH sample.



Comparison of the national survey data sets

	YRBSS*	NYTS*	NSDUH	NHIS	NHANES
Age or grade	9 th – 12 th (mostly 14 to 18 years old)	6 th – 12 th grade (mostly 11 to 18 years old)	12 years or older	18 years or older	12 – 19 years old and 20+ years old
Mode of interview	School classroom	School classroom	Home	Home	Home (20+ years old) or MEC (12 – 19 years old)
Monetary incentives	No	No	Yes	No	No
Other incentives	No	No	No	No	Yes**
Smoking self-reports only	Yes	Yes	Yes	Yes	No
Years data were collected	2001, 2003, 2005, 2007, 2009, 2011, 2013	2004, 2006, 2009, 2011, 2013	2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012	2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013	2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012

YRBSS: Youth Risk Behavioral Surveillance System

NYTS: National Youth Tobacco Survey

NSDUH: National Survey on Drug Use and Health

NHIS: National Health Interview Survey

NHANES: National Health and Nutrition Examination Survey

MEC: Mobile Examination Center

*Participants in YRBSS (9-12th grades) are mainly 14 to 18 years old though the actual sample contains persons 12 and younger as well as 18 and older. NYTS sample between 2004 and 2012 had age range from 9 to 21 years.

**Non-financial incentive in NHANES is a comprehensive health report with laboratory tests results that the participants obtain after completing the survey.