New York Adult Tobacco Survey Programmer's Handbook

Prepared for

New York State Department of Health Corning Tower, Room 710 Albany, NY 12237-0676

Prepared by

RTI International 3040 Cornwallis Road Research Triangle Park, NC 27709

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March 2010

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1. Introduction

1.1 Background

The New York Adult Tobacco Survey (NY-ATS) is fielded quarterly to the noninstitutionalized adult population, aged 18 years or older, in New York State. Since Quarter 3, 2003, RTI International (RTI) has worked in conjunction with the New York Tobacco Control Program (NY TCP) to field and analyze the NY-ATS. The primary goal of the NY-ATS is to assess (a) adult attitudes and beliefs toward, and use of, tobacco; (b) purchasing behavior and cessation attempt behavior among adult smokers; (c) health status and problems among all respondents; (d) attitudes toward, and exposure to, secondhand smoke; (e) perceptions of risk related to tobacco use; (f) recollection of exposure to tobacco or antitobacco advertising; and (g) attitudes toward newly promulgated secondhand smoking policies. Questions meant to address each of these topics are included for multiple quarters. Some measures have been included since inception (e.g., current smoking status); however, many questions are included for a shorter period of time.

1.2 The NY-ATS Questionnaire

The questionnaire takes approximately 20 to 30 minutes to complete and comprises demographic, attitudinal, and behavioral questions. The questionnaire includes skip patterns to ensure that only pertinent questions are asked of each respondent (e.g., a nonsmoker will not be asked when they last smoked). Using both computer-aided telephone interviewing (CATI) technology and trained personnel, interviews are conducted employing the standardized survey instrument in either English or Spanish. The interviews are completed within each quarter, and calls are made 7 days per week during daytime and evening hours. Before the beginning of each quarterly survey, any additions or deletions to the NY-ATS are approved by both the RTI and the New York State Department of Health institutional review boards (IRBs).

1.3 Sample Description

The NY-ATS is a list-assisted random-digit-dial (RDD) survey. The eligible population is New York State residents that are civilians at least 18 years old. In the NY-ATS, listed households are oversampled. Also, smokers are oversampled by oversampling geographical designations (block groups and counties) that have lower percentages of baccalaureate graduates.

Sampling weights are created so the sample can be used to make population-level estimates. First, a subject's initial weight is defined as the inverse of the probability of selection. After the initial design weights are calculated, we perform nonresponse adjustments using current census projections based on the 2000 census data. Then adjustments are made for household size and number of telephone lines. Finally, the

weights are poststratified to population totals based on combinations of age, race/ethnicity, gender, and geographical region.

1.4 Data Processing

Data processing is an important part of any survey and is performed each quarter. Once data are delivered to RTI, skip pattern checks (e.g., smoking-related questions are not asked of nonsmokers), consistency edits (e.g., date of last cigarette does not exceed age first smoked a cigarette), and response-code range checks (e.g., a four-category question does not have five responses) are performed. By checking skip patterns, consistency, and response-code ranges, we reduce interviewer, data entry, and skip errors. In addition, "other" responses are recoded when applicable, and "don't know" and "refused" responses are uniformly recoded to simplify analyses.

1.5 The NY-ATS Programmer's Handbook

The annual programmer's handbook outlines standard analysis variables, grouped by topic, included in the NY-ATS. Information provided for each variable includes analytic variable name, a brief description, variables used for creation, survey question information (i.e., availability and survey question text), Stata code, and response options (Section 3). Common survey question answers (e.g., Yes, No, Don't know, Refused) are abbreviated and listed in Section 2.

2. Standardized Response Options

YNDKRF

- 1 Yes
- 2 No
- −1 Don't know
- -2 Refused

AGREESCL

- 1 Strongly agree
- 2 Agree
- 3 Disagree
- 4 Strongly disagree
- −1 Don't know
- -2 Refused

ASRN

- 1 All the time
- 2 Sometimes
- 3 Rarely
- 4 Never
- −1 Don't know
- -2 Refused

ELON

- 1 Two–three times per day
- 2 Every day
- 3 Once per week
- 4 Less than once per week
- 5 Never
- −1 Don't know
- -2 Refused

ELON NA

- 1 Two-three times per day
- 2 Every day
- 3 Once per week
- 4 Less than once per week
- 5 Never
- 6 Not applicable
- −1 Don't know
- -2 Refused

3. Analytic Variables

3.1 Demographics

AGECAT

Age Categories: 18-24, 25-34, 35-44, 45-54, 55-64, 65+

Variables Used

a1

Survey Question Information

2003Q3 to present

A1. What is your age?

[RANGE 18–96]

97 97 or Older

- −1 Don't know
- -2 Refused

Stata Code

```
generate agecat = 1 if a1 >= 18 & a1 <= 24;
replace agecat = 2 if a1 >= 25 & a1 <= 34;
replace agecat = 3 if a1 >= 35 & a1 <= 44;
replace agecat = 4 if a1 >= 45 & a1 <= 54;
replace agecat = 5 if a1 >= 55 & a1 <= 64;
replace agecat = 6 if a1 >= 65 & a1\sim=.;
replace agecat = -1 if a1 == -1;
replace agecat = -2 if a1 == -2;
replace agecat =. if a1 == .;
```

- 1 = 18-24 years old
- 2 = 25 34
- 3 = 35-44
- 4 = 45–54
- 5 = 55-64
- 6 = 65 +

RACE

Race: Race/Ethnicity

Variables Used

a2, rca31, rca32, rca33, rca34, rca35, rca36, a4

Survey Questions

2003Q3 to present

A2. Are you Hispanic or Latino? YNDKRF

2003Q3 to present

- A3. Which one or more of the following would you say is your race?
 - 1 [rca31] White
 - 2 [rca32] Black or African American
 - 3 [rca33] Asian
 - 4 [rca34] Native Hawaiian or Other Pacific Islander
 - 5 [rca35] American Indian, Alaska Native
 - 6 [rca36] Other (specify)
 - −1 Don't know
 - -2 Refused

2003Q3 to present

- A4. Which one of these groups would you say **best** represents your race?
 - 1 White
 - 2 Black or African American
 - 3 Asian
 - 4 Native Hawaiian or Other Pacific Islander
 - 5 American Indian, Alaska Native
 - 6 Other (specify)
 - -1 Don't know
 - -2 Refused

Stata Code

```
generate race = 1 if a2 == 1;
replace race = 2 if rea31 == 1 \& rea32 == 0 \& rea33 == 0 \& rea34 == 0 \& rea35 == 0 \&
    rca36 == 0 \& a2 == 2;
replace race = 3 if rea32 == 1 \& rea31 == 0 \& rea33 == 0 \& rea34 == 0 \& rea35 == 0 \&
    rca36 == 0 & a2 == 2;
replace race = 4 if rea33 == 1 \& rea31 == 0 \& rea32 == 0 \& rea34 == 0 \& rea35 == 0 \&
    rca36 == 0 \& a2 == 2;
replace race = 5 if rea34 == 1 \& rea31 == 0 \& rea32 == 0 \& rea33 == 0 \& rea35 == 0 \&
    rca36 == 0 & a2 == 2;
replace race = 6 if rca35 == 1 \& rca31 == 0 \& rca32 == 0 \& rca33 == 0 \& rca34 == 0 \&
    rca36 == 0 & a2 == 2;
replace race = 7 if rca36 == 1 \& rca31 == 0 \& rca32 == 0 \& rca33 == 0 \& rca34 == 0 \&
    rca35 == 0 & a2 == 2;
replace race = a4+1 if race == . & a4>0 & a4 \le 6 & a2 == 2;
replace race = 3 if rea31 == 1 \& rea32 == 1 \& rea33 == 0 \& rea34 == 0 \& rea35 == 0 \&
    rca36 == 0 \& a2 == 2 \& race == :
replace race = 4 if rea31 == 1 \& rea32 == 0 \& rea33 == 1 \& rea34 == 0 \& rea35 == 0 \&
    rca36 == 0 \& a2 == 2 \& race == .;
replace race = 5 if rea31 == 1 \& rea32 == 0 \& rea33 == 0 \& rea34 == 1 \& rea35 == 0 \&
    rca36 == 0 \& a2 == 2 \& race == :
replace race = 6 if rea31 == 1 \& rea32 == 0 \& rea33 == 0 \& rea34 == 0 \& rea35 == 1 \& rea35 == 1 & rea35 == 
    rca36 == 0 \& a2 == 2 \& race == :
replace race = 7 if rea31 == 1 \& rea32 == 0 \& rea33 == 0 \& rea34 == 0 \& rea35 == 0 \&
```

Possible Responses

- 1 = Hispanic
- 2 = White, non-Hispanic

rca36 == 1 & a2 == 2 & race == :

- 3 = Black, non-Hispanic
- 4 = Asian, non-Hispanic
- 5 = Native Hawaiian/Pacific Islander, non-Hispanic
- 6 = Native American/Alaska Native, non-Hispanic
- 7 = Other, non-Hispanic

RACECAT

Race: Four-category race variable (White, Black, Hispanic, Other)

Variables Used

race

Survey Questions

Not applicable

Stata Code

```
generate racecat = 1 if race == 2;
replace racecat = 2 if race == 3;
replace racecat = 3 if race == 1;
replace racecat = 4 if racecat == .;
```

Possible Responses

- 1 = White, non-Hispanic
- 2 = Black, non-Hispanic
- 3 = Hispanic
- 4 = Other, non-Hispanic

GENDER

Gender: Male or Female

Variables Used

a6

Survey Questions

2003Q3 to present

A6. For survey purposes, I need to confirm if you are male or female.

- 1 Male
- 2 Female
- −1 Don't know
- -2 Refused

Stata Code

```
generate gender = 1 if a6 == 1;
replace gender = 0 if a6 == 2;
```

Possible Responses

0 = Female

1 = Male

SCHOOLYRS

Number of School Years: Equivalent number of school years based on highest level of education

Variables Used

a5

Survey Questions

2003Q3 to present

A5. What is the highest level of school that you completed or the highest degree you received?

- 1 Never attended school or only attended kindergarten
- 2 Grade 1 through 8 (elementary school)
- 3 Grade 9 through 12 (some high school)
- 4 Grade 12 (high school graduate)
- 5 GED
- 6 Some technical or vocational school
- 7 Some college, no degree
- 8 AA; technical or vocational school
- 9 AA; academic
- 10 BA, BS (college graduate)
- 11 At least some graduate or professional school
- 12 Graduate or professional degree
- −1 Don't know
- -2 Refused

Stata Code

```
generate schoolyrs = 1 if a5 == 1 | a5 == 2;
replace schoolyrs = 2 if a5 == 3;
replace schoolyrs = 3 if a5 == 4 | a5 == 5;
replace schoolyrs = 4 if a5 >= 6 & a5 <= 9;
replace schoolyrs = 5 if a5 >= 10 & a5 <= 12;
replace schoolyrs = -1 if a5 == -1;
replace schoolyrs = -2 if a5 == -2;
replace schoolyrs = . if a5 == .;
```

- 1 = Elementary school or less
- 2 =Some high school
- 3 = High school graduate or GED
- 4 = Some technical, vocational, college, or AA but no degree
- 5 = College graduate or at least some graduate or professional school, graduate, or professional degree

EDUCATION

Educational Status: Highest level of education

Variables Used

a5

Survey Questions

2003Q3 to present

A5. What is the highest level of school you completed or the highest degree you received?

- 1 Never attended school or only attended kindergarten
- 2 Grade 1 through 8 (elementary school)
- 3 Grade 9 through 12 (some high school)
- 4 Grade 12 (high school graduate)
- 5 GED
- 6 Some technical or vocational school
- 7 Some college, no degree
- 8 AA; technical or vocational school
- 9 AA; academic
- 10 BA, BS (college graduate)
- 11 At least some graduate or professional school
- 12 Graduate or professional degree
- −1 Don't know
- -2 Refused

Stata Code

```
generate education = 1 if a5 >= 1 & a5 <= 3;
replace education = 2 if a5 == 4 | a5 == 5;
replace education = 3 if a5 >= 6 & a5 <= 9;
replace education = 4 if a5 >= 10 & a5 <= 12;
replace education = -1 if a5 == -1;
replace education = -2 if a5 == -2;
replace education = . if a5 == .;
```

- 1 = Less than high school
- 2 = High school
- 3 =Some college
- 4 =College degree or more

INCOME

Household income

Variables Used

13, 16, 17, 18, 19, 110

Survey Questions

2003Q3 to present

- L3. Was your annual household income from all sources during (year) more or less than \$30,000?
 - 1 \$30,000 or more
 - 2 Less than \$30,000
 - -1 Don't know
 - -2 Refused

2003Q3 to present

- L6. Was your total household income more than \$40,000? YNDKRF
- L7. Was your total household income more than \$50,000? YNDKRF
- L8. Was your total household income more than \$60,000? YNDKRF
- L9. Was your total household income more than \$70,000? YNDKRF
- L10. Was your total household income more than \$90,000? YNDKRF

Stata Code

```
generate income = 1 if 13 == 2;
replace income = 2 if (13 == 1) & (16 == 2 | 17 == 2 | 18 == 2);
replace income = 3 if (18 == 1) & (19 == 2 | 110 == 2);
replace income = 4 if 110 == 1;
generate incmiss = (income == .);
replace income = 5 if incmiss == 1;
```

- 1 = Less than \$30,000
- 2 = \$30,000-59,999
- 3 = \$60,000-89,999
- 4 = \$90,000 and more
- 5 = Missing income

INSURANCE

Insurance Status: Public, private, and no insurance

Variables Used

a8, a9

Survey Questions

2003Q3 to present

A8. Are you currently covered by any kind of health insurance, that is any policy or program that provides or pays for medical care? YNDKRF

2003Q3 to present

- A9. What type of health care coverage do you use to pay for most of your medical care?
 - 1 Private insurance coverage
 - 2 Medicare
 - 3 Medicaid or Medical Assistance
 - 4 Military, CHAMPUS, TriCare, or the VA
 - 5 Indian Health Service
 - 6 None
 - 7 Other
 - -1 Don't know
 - -2 Refused

Stata Code

```
generate insurance = 1 if (a9 == 2 | a9 == 3 | a9 == 4 | a9 == 5 | a9 == 8); replace insurance = 2 if a9 == 1; replace insurance = 3 if (a9 == 6 | a8 == 2);
```

<u>Possible Responses</u>

- 1 = Public (Medicare, Medicaid or Medical Assistance, Military, CHAMPUS, TriCare, the VA, or Indian Health Service)
- 2 = Private
- 3 = None

REGION

Four New York State Regions: Western, Central, Capital, Metro

```
Variables Used
a10, a10code, geostr, wave, year
Survey Questions
2003Q3 to 2004Q2
A10. What county do you live in?
     [Ranges New York State county names]
     −1 Don't know
     -2 Refused
2003Q3 to present
A10code. What county do you live in?
     [Ranges New York State county FIPS codes]
     -1 Don't know
     -2 Refused
Stata Code
generate region = .;
 * 2003
  foreach x in Niagara Orleans Erie Genesee Wyoming Chautauqua Cattaraugus
    Allegany Monroe Wayne Livingston Ontario Yates Seneca Steuben Schuyler
    Chemung {;
    replace region = 1 if a10 == "x" \& year == 2003;
  };
  foreach x in "St. Lawrence" Jefferson Lewis Oswego Cayuga Onondaga
    Madison Oneida Herkimer Tompkins Cortland Chenango Tioga Broome {;
    replace region = 2 if a10 == "x" \& vear == 2003:
  };
  foreach x in Franklin Clinton Hamilton Essex Warren Fulton Montgomery Saratoga
    Washington Otsego Schoharie Schenectady Albany Rensselaer Delaware Greene
    replace region = 3 if a10 == "x" \& year == 2003;
  };
  foreach x in Sullivan Ulster Dutchess Orange Putnam Westchester
    Rockland New Kings Richmond Bronx Queens Nassau Suffolk {;
    replace region = 4 if a10 == "x" \& year == 2003;
  };
```

```
* 2004 to 2007Q3
-----:
replace region = 1 if (geostr == 1 | geostr == 2) | (geostr == 11 | geostr == 12);
replace region = 2 if (geostr == 7 | geostr == 8) | (geostr == 15 | geostr == 16);
replace region = 3 if (geostr == 5 | geostr == 6) | (geostr == 13 | geostr == 14);
replace region = 4 if (geostr == 3 \mid \text{geostr} == 4) | (geostr == 9 \mid \text{geostr} == 10);
tab wave region, m;
* 2007 Q4 to present
 -----:
replace region = 1 if wave \geq 18
   & inlist(a10code,3,9,13,15,29,37,51,55,63,69,73,97,99,101,117,121,123);
replace region = 2 if wave \geq 18
   & inlist(a10code, 7, 11, 17, 23, 43, 45, 49, 53, 65, 67, 75, 89, 107, 109);
replace region = 3 if wave \geq 18
   & inlist(a10code,1,19,21,25,31,33,35,39,41,57,77,83,91,93,95,113,115);
replace region = 4 if wave \geq 18
   & inlist(a10code, 5, 27, 47, 59, 61, 71, 79, 81, 85, 87, 103, 105, 111, 119);
tab wave region, m;
```

- 1 = Western
- 2 = Central
- 3 = Capital
- 4 = Metro

NYC

NYC Indicator: New York City

Variables Used

a10code, areacode

Survey Questions

2003Q3 to present

A10code. What county do you live in?

[Ranges New York State county FIPS codes]

- −1 Don't know
- -2 Refused

Stata Code

```
generate NYC = 1 if (a10code == 5 | a10code == 47 | a10code == 61 | a10code == 81 | a10code == 85);
replace NYC = 0 if NYC ~= 1 & a10code ~= . & a10code > 0;
replace NYC = 1 if NYC == . & inlist(areacode,212,347,646,718,917);
replace NYC = 0 if NYC == . & inlist(areacode,315,516,518,585,607,631,716,845,914);
```

Possible Responses

0 = Rest of State

1 = NYC

ROS

Rest of State: Not New York City

Variables Used

NYC

Survey Questions

Not applicable

Stata Code

```
generate ROS = (NYC == 0);
replace ROS = . if NYC == .;
```

Possible Responses

0 = NYC

1 = Rest of State

KIDS_17

Children in Household: Children less than 18 years old in the household

```
Variables Used
12a, 12b, 12c
Survey Questions
2003Q3 to present
L2. How many children live in your household who are...
                 L2a. ...younger than 5 years old?
                                   [Range 0–10]
                                   -1 Don't know
                                   -2 Refused
                 L2b. ...5 through 11 years old?
                                   [Range 0–10]
                                   -1 Don't know
                                   -2 Refused
                 L2c. ...12 to 17 years old?
                                   [Range 0–10]
                                   −1 Don't know
                                   -2 Refused
Stata Code
generate kids 5 = (12a \ge 1);
replace kids 5 = ... if (12a < 0 | 12a == .);
generate kids 511 = (12b \ge 1);
replace kids 511 = .if(12b < 0 | 12b == .);
generate kids12 17 = (12c >= 1);
replace kids 12 17 = .if(12c < 0 | 12c == .);
generate kids 17 = 1 if (kids 5 == 1 | kids 5 == 1 | ki
replace kids \overline{17} = 0 if (kids \overline{5} == 0 & kids\overline{5} == 0 & kids\overline{11} == 0 & kids\overline{12} == 0);
Possible Responses
0 = No children in household
1 = Children less than 18 years old in household
```

INDIC_A

Children in Household: Ages 0-5

Notes

See KIDS 17 (Now referred to as KIDS 5)

INDIC B

Children in Household: Ages 5-11

Notes

See KIDS 17 (Now referred to as KIDS5 11)

INDIC_C

Children in Household: Ages 12-17

Notes

See KIDS 17 (Now referred to as KIDS12 17)

INDIC_18

Children in Household: Ages 17+

<u>Notes</u>

See KIDS 17 (Now referred to as KIDS 17)

VISIT_DOC1

Visit Doctor: Seen a doctor or other health professional within the past 12 months

Variables Used

d15

Survey Questions

2003Q3 to present

D15. In the past 12 months, have you seen a doctor, nurse, or other health professional to get any kind of care for yourself? YNDKRF

Stata Code

```
generate visit_doc1 = (d15 == 1);
replace visit_doc1 = . if (d15 < 0 \mid d15 == .);
```

Possible Responses

0 = Has not seen a health professional

1 = Has seen a health professional

3.2 Cigarette Use

CURRSMK

Current Smoking Status: Smoked 100 cigarettes in lifetime and smokes every day or some days

Variables Used

b1, b2, b3

Survey Questions

2003Q3 to present

B1. Have you smoked at least 100 cigarettes in your entire life? YNDKRF

2003Q3 to present

B2. Do you now smoke every day, some days, or not at all?

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

2003Q3 to present

B3. Have you smoked a cigarette, even 1 or 2 puffs? YNDKRF

Stata Code

```
generate currsmk = (b1 == 1) & (b2 == 1 | b2 == 2); replace currsmk = . if (b1 < 0 | b2 < 0 | b3 < 0 | b3 == .);
```

Possible Responses

0 = Nonsmoker

1 = Current smoker

SMKTYPE1

Current Smoking Status: Current smoker who smokes every day, current smoker who smokes some days, and nonsmokers

Variables Used

b1, b2, b3

Survey Questions

2003Q3 to present

B1. Have you smoked at least 100 cigarettes in your entire life? YNDKRF

2003Q3 to present

- B2. Do you now smoke every day, some days, or not at all?
 - 1 Every day
 - 2 Some days
 - 3 Not at all
 - -1 Don't know
 - -2 Refused

2003Q3 to present

B3. Have you ever smoked a cigarette, even 1 or 2 puffs? YNDKRF

Stata Code

```
generate smktype1 = 1 if (b1 == 1 & b2 == 1);
replace smktype1 = 2 if (b1 == 1 & b2 == 2);
replace smktype1 = 3 if (b1 == 1 & b2 == 3) | (b1 == 2) | (b3 == 2);
```

- 1 = Has smoked 100 cigarettes in lifetime and now smokes every day
- 2 = Has smoked 100 cigarettes in lifetime and now smokes some days
- 3 = Has smoked 100 cigarettes in lifetime and does not smoke now or has not smoked 100 cigarettes in lifetime or has not smoked even 1 or 2 puffs

SMKTYPE2

Current Smoking Status: Current smoker who smokes every day or some days and nonsmokers

Variables Used

b1, b2, b3

Survey Questions

2003Q3 to present

B1. Have you smoked at least 100 cigarettes in your entire life? YNDKRF

2003Q3 to present

B2. Do you now smoke every day, some days, or not at all?

- 1 Every day
- 2 Some days
- 3 Not at all
- −1 Don't know
- -2 Refused

2003Q3 to present

B3. Have you ever smoked a cigarette, even 1 or 2 puffs? YNDKRF

Stata Code

```
generate smktype2 = 1 if currsmk == 1;
replace smktype2 = 2 if (b1 == 1 & b2 == 3);
replace smktype2 = 3 if (b1 == 2 \mid b3 == 2);
```

- 1 = Has smoked 100 cigarettes in lifetime and now smokes every day or some days
- 2 = Has smoked 100 cigarettes in lifetime and does not smoke now
- 3 = Has not smoked 100 cigarettes in lifetime or has not smoked even 1 or 2 puffs

NONSMKR

Nonsmoker Status: Nonsmoker versus current smoker who smokes some days or every day

Variables Used

currsmk

Survey Questions

Not applicable

Stata Code

generate nonsmkr = (currsmk == 0); replace nonsmkr = . if currsmk == .;

Possible Responses

0 = Current smoker

1 = Nonsmoker

FORMERSMOK

Former Smoker: Has smoked 100 cigarettes in lifetime, but does not currently smoke

Variables Used

b1, b2, b3, wave

Survey Questions

2003Q3 to present

B1. Have you smoked at least 100 cigarettes in your entire life? YNDKRF

2003Q3 to present

- B2. Do you now smoke every day, some days, or not at all?
 - 1 Every day
 - 2 Some days
 - 3 Not at all
 - -1 Don't know
 - -2 Refused

2003Q3 to present

B3. Have you smoked a cigarette, even 1 or 2 puffs? YNDKRF

Stata Code

```
generate formersmok = (b1 == 1 & b2 == 3);
replace formersmok = . if (b1 < 0 | b2 < 0 | b3 < 0 | b3 == .) & (wave >= 8);
replace formersmok = . if (b1 < 0 | b1 == .) & wave >= 1 & wave <= 7;
replace formersmok = . if b3 == 1 & b1 == . & b2 == .;
replace formersmok = . if b2 < 0;
```

Possible Responses

0 = Never smoker, current smoker, or has not smoked 100 cigarettes in lifetime

1 = Has smoked 100 cigarettes in lifetime and does not smoke now

CURRFRMR12

Current and Former Smokers: Former smokers who quit in the past year and current smokers who stopped smoking for 1 or more days

Variables Used

d1, formersmok, d4days, currsmk

Survey Questions

2003Q3 to present

D1. During the past 12 months, have you stopped smoking for 1 day or longer because you were trying to quit smoking? YNDKRF

Stata Code

generate currfrmr12 = ((formersmok == 1 & d4days >= 0 & d4days < 365) | (currsmk == 1 & d1 == 1));

Possible Responses

1 = Former smokers who quit in the past 12 months and current smokers who have stopped smoking for 1 or more days in the past 12 months because trying to quit 0 = All remaining nonsmokers, former smokers, and current smokers

D4DAYS

Last Smoke: Number of days since the last time smoked a cigarette

Variables Used

d4 number, d4 unit, d4a, d4b, d4c, d4d, d4e, formersmok, a1

Survey Questions

2003Q3 to 2006Q4

D4. About how long has it been since you last smoked cigarettes even a puff? D4_number. Number of units since last smoked cigarettes even a puff.

[Hours range 0–24]

[Days range 0–10]

[Weeks range 0–52]

[Months range 0–12]

[Years range 0–97]

- -1 Don't know
- -2 Refused

D4 unit. Type of unit since last smoked cigarettes even a puff.

- 1 Hours
- 2 Days
- 3 Weeks
- 4 Months
- 5 Years

2004Q3 to present

D4. About how long has it been since you last smoked cigarettes even a puff?

D4a. Hours

[Range 0–24]

- -1 Don't know
- -2 Refused

D4b. Days

[Range 0–10]

- −1 Don't know
- -2 Refused

D4c. Weeks

[Range 0–52]

- −1 Don't know
- -2 Refused

```
D4d. Months
           [Range: 0–12]
           −1 Don't know
           -2 Refused
     D4e. Years
           [Range 0–97]
           −1 Don't know
           -2 Refused
2003Q3 to present
A1. What is your age?
     [RANGE 18–96]
     97 97 or Older
     −1 Don't know
     -2 Refused
Stata Code
generate y = d4 number;
replace y = .if(d4 number > 97 | d4 number < 0);
generate d4days = y/24 if d4 unit == 1;
replace d4days = y if d4 unit == 2;
replace d4days = y*7 \text{ if } d4 \text{ unit } == 3;
replace d4days = 30 if d4 unit == 3 & d4 numb == 4;
replace d4days = 60 if d4 unit == 3 & d4 numb == 8;
replace d4days = 90 if d4 unit == 3 & d4 numb == 12;
replace d4days = 120 if d4 unit == 3 & d4 numb == 16;
replace d4days = y*30 \text{ if } d4 \text{ unit} == 4;
replace d4days = 365 if d4 unit == 4 & d4 numb == 12;
replace d4days = (365*y) if d4 unit == 5;
replace d4days = . if (d4 number > 97 \mid d4 \text{ number} < 0);
replace d4days =. if (d4 \text{ unit} == .) | (d4 \text{ unit} < 0);
replace d4days=. if formersmok \sim= 1;
foreach x of varlist d4a d4b d4c d4d d4e {;
format `x' %9.0g;
};
generate d4ax = d4a/24;
replace d4ax = .if d4a < 0;
generate d4bx = d4b;
```

```
generate d4cx = d4c*7;
replace d4cx = 30*(d4c/4) if (round(d4c/4, 1)) == (d4c/4);
generate d4dx = 30*d4d;
replace d4dx = 365*(d4d/12) if (round(d4d/12, 1)) == (d4d/12);
generate d4ex = 365*d4e;
foreach x in a b c d e \{;
replace d4'x'x = .if(d4'x' < 0 | d4'x' > 97);
};
egen d4 days = rowtotal(d4*x);
replace \overline{d4} days = . if formersmok == 1 & d4_days == 0;
replace d4 days = . if formersmok\sim=1;
replace d4 days = d4days if wave <= 4 & d4 days == .;
replace d4 days = . if (d4 days > (a1*365 - 1825)) & a1 >= 0;
note d4 days: "Set to missing if age of last smoke less than the respondent at age 5.";
drop d4days;
rename d4 days d4days;
```

Possible Responses

Continuous = Number of days since last cigarette

MONTHCIG

Cigarettes Per Month: Average cigarettes consumed per month by current smokers

Variables Used

b2, b4, b5, b6, currsmk

Survey Questions

2003Q3 to present

B2. Do you now smoke every day, some days, or not at all?

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

2003Q3 to present

B4. On average, in the past 30 days, about how many cigarettes a day do you now smoke?

[Range 0–100]

- -1 Don't know
- -2 Refused

2003Q3 to present

B5. During the past 30 days, on how many days did you smoke cigarettes?

[Range 0–30]

- −1 Don't know
- -2 Refused

2003Q3 to present

B6. On the average, on the days when you smoked during the past 30 days, about how many cigarettes did you smoke a day?

[Range 0–100]

- −1 Don't know
- -2 Refused

Stata Code

```
generate cigpday = b4 if b2 == 1;

replace cigpday = b6 if b2 == 2;

replace cigpday = . if currsmk \sim= 1;

replace cigpday = . if cigpday < 0;

generate monthcig = 30*cigpday if b2 == 1;

replace monthcig = b5*b6 if b2 == 2;

replace monthcig = . if cigpday == .;

replace monthcig = . if (b5 < 0 | b5 == .) & b2 == 2;

replace monthcig = . if monthcig == 0;

replace monthcig = . if currsmk \sim= 1;

replace monthcig = 1800 if monthcig > 1800 & monthcig \sim= .;
```

Possible Responses

Continuous = Number of cigarettes per month

CIGSPERDAY

Cigarettes per Day: Average number of cigarettes consumed per day by current smokers

Variables Used

monthcig

Survey Questions

Not applicable

Stata Code

```
generate cigsperday = (monthcig/30);
replace cigsperday = . if monthcig == .;
```

Possible Responses

Continuous = Number of cigarettes per day

PACKS

Packs Per Day: Average cigarette packs consumed per day by current smokers

Variables Used

monthcig

Survey Questions

Not applicable

Stata Code

generate packs = monthcig/20;

Possible Responses

Continuous = Number of packs per day

PRICE_PACK

Price Pack: Price per pack of cigarettes

Variables Used

c2a, c2ar, c2b, c2pack, c2carton, currsmk, wave

Survey Questions

2003Q4

C2a. The last time you bought cigarettes, did you buy a pack(s) or (carton(s)?

- 1 Packs
- 2 Cartons
- -1 Don't know
- -2 Refused

2004Q1 to present

C2aR. The last time you bought cigarettes for yourself, did you buy them by the carton, pack, loose out of the pack, or did you roll your own?

- 1 Carton
- 2 Pack
- 3 Loose
- 4 Roll Your Own
- -1 Don't know
- -2 Refused

2003Q4, 2004Q1

C2b. What price did you pay?

[Continuous]

- -1 Don't know
- -2 Refused

2004Q2 to present

C2pack. What price did you pay per pack?

[Range \$1.50 to \$12.99]

- -1 Don't Know
- -2 Refused

2004Q2 to present

C2carton. What price did you pay per carton?

[Range \$5.00 to \$95.00]

- -1 Don't Know
- -2 Refused

Stata Code

```
pack = c2b if c2a == 1 & wave <= 2;
replace price_pack = c2b if c2ar == 2 & wave == 3;
replace price_pack = c2pack if c2ar == 2 & (wave >= 4);
replace price_pack = . if (c2ar < 0 | c2b < 0 | currsmk ~= 1);
replace price_pack = . if (c2pack < 1.50 | c2pack > 10) & (wave >= 4 & wave <= 24);
replace price_pack = . if (c2pack < 1.50 | c2pack > 13) & (wave >= 25);

generate price_crtn = c2b if c2a == 2 & wave <= 2;
replace price_crtn = c2b if c2ar == 1 & wave == 3;
replace price_crtn = c2carton if c2ar == 1 & (wave >= 4);
replace price_crtn = . if (c2ar < 0 | c2b < 0 | currsmk ~= 1);
replace price_crtn = . if (c2carton < 10 | c2carton > 95) & (wave >= 4 & wave <= 23);
replace price_crtn = . if (c2carton < 5 | c2carton > 95) & (wave >= 24);

replace price_pack = (price_crtn/10) if (price_pack == . & price_crtn~=.);
```

Possible Responses

\$1.50-\$9.99 = Price per pack for cigarettes through 2009Q2 \$1.50-\$12.99 = Price per pack for cigarettes from 2009Q3 to present

3.3 Other Tobacco Product Use

CIGAR

Cigar Use: Use cigars every day or some days

Variables Used

h2, h1b, h1bx, wave

Survey Questions

2003Q3 to 2004Q2

H2. Do you now smoke cigars, cigarillos, or little cigars every day or some days or not at all?

- 1 Every day
- 2 Some days
- 3 Not at all
- −1 Don't know
- -2 Refused

2004Q3 to present

H1b. Do you now use cigars, cigarillos, or little cigars? YNDKRF

2004Q3 to present

H1bx. Do you now use cigars, cigarillos, or little cigars every day or some days?

- 1 Every day
- 2 Some days
- -1 Don't know
- -2 Refused

Stata Code

```
generate cigar = 1 if (h2 == 1 | h2 == 2);
replace cigar = 0 if (h2 == 3);
replace cigar = 1 if ((h1bx == 1 | h1bx == 2) & wave >= 5);
replace cigar = 0 if (h1b == 2 & wave >= 5);
```

Possible Responses

0 =Does not smoke cigars every day or some days

1 = Does smoke cigars every day or some days

SMOKELESS

Smokeless Tobacco Use: Use chewing tobacco, snuff, or dip every day or some days

Variables Used

h1, h1a, h1ax, wave

Survey Questions

2003Q3 to 2004Q2

- H1. Do you now use chewing tobacco, snuff, or dip every day, some days, or not at all?
 - 1 Every day
 - 2 Some days
 - 3 Not at all
 - -1 Don't know
 - -2 Refused

2004Q3 to present

H1a. Please tell me whether or not you now use any of the following tobacco products. Do you now use chewing tobacco, snuff, or dip? YNDKRF

2004Q3 to present

H1aX. Do you now use chewing tobacco, snuff, or dip every day or some days?

- 1 Every day
- 2 Some days
- -1 Don't know
- -2 Refused

Stata Code

```
generate smokeless = 1 if (h1 == 1 | h1 == 2);
replace smokeless = 0 if (h1 == 3);
replace smokeless = 1 if (h1ax == 1 | h1ax == 2)& (wave >= 5);
replace smokeless = 0 if h1a == 2 & (wave >= 5);
```

Possible Responses

0 =Does not use chewing tobacco, snuff, or dip every day or some days

1 = Does use chewing tobacco, snuff, or dip every day or some days

CHEW

Smokeless Tobacco Use: Use chewing tobacco, snuff, or dip every day or some days

<u>Notes</u>

Now referred to as SMOKELESS

PIPE

Pipe Tobacco Use: Use pipe tobacco every day or some days

Variables Used

h3, h1c, h1cx, wave

Survey Questions

2003Q3 to 2004Q2

H3. Do you now smoke pipe tobacco every day, some days, or not at all?

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

2004Q3 to 2007Q4

H1c. Please tell me whether or not you now use any of the following tobacco products. Do you now use pipe tobacco? YNDKRF

2004Q3 to 2007Q4

H1cX. Do you now use pipe tobacco every day or some days?

- 1 Every day
- 2 Some days
- −1 Don't know
- -2 Refused

Stata Code

```
generate pipe = 1 if (h3 == 1 | h3 == 2);
replace pipe = 0 if (h3 == 3 & wave <= 4);
replace pipe = 1 if (h1cx == 1 | h1cx == 2) & (wave >= 5 & wave <= 18);
replace pipe = 0 if (h1c == 2 & (wave >= 5 & wave <= 18));
```

Possible Responses

0 = Does not use pipe tobacco every day or some days

1 = Does use pipe tobacco every day or some days

BIDI

Bidi Use: Use bidis every day or some days

Variables Used

h4, h1d, h1dx, wave

Survey Questions

2003Q3 to 2004Q2

H4. A bidi is a flavored cigarette from India. Do you now smoke bidis every day, some days, or not at all?

- 1 Every day
- 2 Some days
- 3 Not at all
- −1 Don't know
- -2 Refused

2004Q3 to 2007Q4

H1d. Please tell me whether or not you now use any of the following tobacco products. Do you now use flavored cigarettes from India called bidis? YNDKRF

2004Q3 to 2007Q4

H1dX. Do you now smoke bidis every day or some days?

- 1 Every day
- 2 Some days
- -1 Don't know
- -2 Refused

Stata Code

```
generate bidi = 1 if (h4 == 1 | h4 == 2);
replace bidi = 0 if (h4 == 3 & wave <= 4);
replace bidi = 1 if ((h1dx == 1 | h1dx == 2) & (wave >= 5 & wave <= 18));
replace bidi = 0 if (h1d == 2 & (wave >= 5 & wave <= 18));
```

Possible Responses

0 =Does not use bidis every day or some days

1 = Does use bidis every day or some days

KRETEK

Kretek Use: Use kreteks every day or some days

Variables Used

h5, h1e, h1ex, wave

Survey Questions

2003Q3 to 2004Q2

H5. Do you now smoke kreteks or clove cigarettes every day, some days, or not at all?

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

2004Q3 to 2007Q4

H1e. Please tell me whether or not you now use any of the following tobacco products. Do you now use clove cigarettes or kreteks? YNDKRF

2004Q3 to 2007Q4

H1eX. Do you now smoke kreteks every day or some days?

- 1 Every day
- 2 Some days
- -1 Don't know
- -2 Refused

Stata Code

```
generate kretek = 1 if (h5 == 1 | h5 == 2);
replace kretek = 0 if (h5 == 3 & wave <= 4);
replace kretek = 1 if (h1ex == 1 | h1ex == 2) & (wave >= 5 & wave <= 18);
replace kretek = 0 if (h1e == 2 & (wave >= 5 & wave <= 18));
```

Possible Responses

 $\overline{0}$ = Does not use kreteks every day or some days

1 = Does use kreteks every day or some days

OTHER_TOB

Other Tobacco Use: Use smokeless tobacco or smoke cigars some days or every day

Variables Used

cigar, smokeless

Survey Questions

Not applicable

Stata Code

```
generate other_tob = 1 if smokeless == 1 | cigar == 1;
replace other_tob = 0 if smokeless == 0 & cigar == 0;
```

Possible Responses

0 = Does not use smokeless tobacco or cigars

1 = Uses smokeless tobacco or cigars

Note. Pipe, bidis, and kreteks were excluded from the instrument after wave 18.

ANYOTH

Other Tobacco Use: Used chew, cigars, pipe, bidis, or kreteks in the past 12 months

Variables Used

cigar, smokeless, pipe, bidi, kretek

Survey Questions

Not applicable

Stata Code

```
generate anyoth = 1 if (chew == 1 \mid \text{cigar} == 1 \mid \text{pipe} == 1 \mid \text{bidi} == 1 \mid \text{kretek} == 1); replace anyoth = 0 if (chew == 0 \& \text{cigar} == 0 \& \text{pipe} == 0 \& \text{bidi} == 0 \& \text{kretek} == 0);
```

Possible Responses

0 = Does not use chew, cigars, pipes, bidis, or kreteks

1 = Uses chew, cigars, pipes, bidis, or kreteks

Notes

See OTHER TOB.

PIPE, BIDIS, and, KRETEKS included from 2003Q3 to 2007Q4.

CIGAR and SMOKELESS included from 2003Q3 to present.

3.4 Cessation

ASKSMOK_1

Asked about Smoking Status: Smokers who report that their health care provider asked if they smoke

Variables Used

d16, visit_doc1, currsmk

Survey Questions

2003Q3 to present

D16. During the past 12 months, did any doctor, nurse, or health professional ask if you smoke? YNDKRF

Stata Code

```
generate asksmok_1 = (d16 == 1);
replace asksmok_1 = . if (d16 < 0 \mid d16 == .);
replace asksmok_1 = . if visit_doc1 \sim= 1;
replace asksmok_1 = . if currsmk \sim= 1;
```

Possible Responses

0 = Not asked about smoking status by a health professional

1 = Asked about smoking status by a health professional

ADVISEQUIT

Advised to Quit: Smokers who report that their health care provider advised them to quit smoking

Variables Used

d17, visit doc1, currsmk

Survey Question Information

2003Q3 to present

D17. In the past 12 months, has a doctor, nurse, or other health professional advised you to quit smoking? YNDKRF

Stata Code

```
generate advisequit = (d17 == 1);
replace advisequit = . if (d17 == . | d17 < 0);
replace advisequit = . if visit_doc1 \sim= 1;
replace advisequit = . if currsmk \sim= 1;
```

Possible Responses

0 = Not advised to quit by a health professional

1 = Advised to quit smoking by a health professional

ASSISTLR

Assisted with Quit: Smokers who report that their health care provider assisted them with smoking cessation

Variables Used

d17, d18a, d18b, d18c, d18d, d18e, visit doc1, currsmk

Survey Questions

2003Q3 to present

D17. In the past 12 months, has a doctor, nurse, or other health professional advised you to quit smoking? YNDKRF

2003Q3 to present

D18. When a doctor, nurse, or other health professional advised you to quit smoking, did he/she...

D18a. ... prescribe or recommend a nicotine patch, nicotine gum, nasal spray, an inhaler, or pills such as Zyban or Chantix? YNDKRF

D18b. ... suggest that you set a specific date to stop smoking? YNDKRF

D18c. ... suggest that you use a smoking cessation class, program, or counselling? YNDKRF

D18d. ... suggest that you call a telephone quit line? YNDKRF

D18e. ... provide you with booklet, videos, or other materials to help you quit smoking on your own? YNDKRF

Stata Code

```
generate assistlr = 1 if (d18a == 1 | d18b == 1 | d18c == 1 | d18d == 1 | d18e == 1);
replace assistlr = 0 if (d18a == 2 & d18b == 2 & d18c == 2 & d18d == 2 & d18e == 2);
replace assistlr = 0 if d17 == 2;
replace assistlr = . if visit_doc1 \sim= 1;
replace assistlr = . if currsmk \sim= 1;
```

Possible Responses

0 = Not assisted with quit by a health professional

1 = Assisted with quit by a health professional

QTATTMPT

Quit Attempt: Current smoker who made a quit attempt during the past 12 months

Variables Used

d1, currsmk

Survey Questions

2003Q3 to present

D1. During the past 12 months, have you stopped smoking for 1 day or longer because you were trying to quit smoking? YNDKRF

Stata Code

```
generate qtattmpt = (d1 == 1);
replace qtattmpt = . if (d1 < 0|d1 == .);
replace qtattmpt = . if currsmk \sim = 1;
```

Possible Responses

0 = Has not made a quit attempt

1 = Has made a quit attempt

STOPSMOK

Stopped Smoking: Current smoker who stopped smoking for 1 or more days in the past 12 months

Notes

Now referred to as QTATTMPT

DESIREQT

Wants to Quit: Wants to quit a lot or somewhat

Variables Used

d19, currsmk

Survey Questions

2003Q3 to present

D19. How much do you want to quit smoking?

- 1 Not at all
- 2 A little
- 3 Somewhat
- 4 A lot
- −1 Don't know
- -2 Refused

Stata Code

```
generate desireqt = (d19 == 3 | d19 == 4);
replace desireqt = . if (d19 < 0 | d19 == .);
replace desireqt = . if currsmk \sim = 1;
```

Possible Responses

0 = Wants to quit smoking not at all or a little

1 = Wants to quit smoking somewhat or a lot

DESIREQT_ALOT

Wants to Quit: Wants to quit a lot

Variables Used

d19, currsmk

Survey Questions

2003Q3 to present

D19. How much do you want to quit smoking?

- 1 Not at all
- 2 A little
- 3 Somewhat
- 4 A lot
- −1 Don't know
- -2 Refused

Stata Code

```
generate desireqt_alot = d19 == 4;
replace desireqt_alot = . if (d19 < 0 \mid d19 == .);
replace desireqt_alot = . if currsmk \sim = 1;
```

Possible Responses

0 = Wants to quit smoking not at all, a little, or somewhat

1 = Wants to quit smoking a lot

QUIT30

Quit in 30 Days: Planning to quit in the next 30 days

Variables Used

d19, d20, d21, currsmk

Survey Questions

2003Q3 to present

D19. How much do you want to quit smoking?

- 1 Not at all
- 2 A little
- 3 Somewhat
- 4 A lot
- −1 Don't know
- -2 Refused

2003Q3 to present

D20. Are you seriously considering stopping smoking within the next 6 months? YNDKRF

2003Q3 to present

D21. Are you planning to stop smoking within the next 30 days? YNDKRF

Stata Code

```
generate quit30 = 1 if (d21 == 1);
replace quit30 = 0 if (d21 == 2);
replace quit30 = 0 if d19 == 1;
replace quit30 = 0 if d20 == 2;
replace quit30 = . if d21 < 0;
replace quit30 = . if currsmk \sim= 1;
```

Possible Responses

0 =Not planning to quit in the next 30 days

1 = Planning to quit in the next 30 days

STOP30DAYS

Stop Smoking: Current smoker who intends to stop smoking in the next 30 days

Notes

Now referred to as QUIT30

QUIT6_12

Quit Attempt Lasting 6 to 12 Months: Successful quit attempts lasting 6 months or more in the past year

Variables Used

d4days, currsmk

Survey Questions

Not applicable

Stata Code

generate currfrmr12n = ((formersmok == 1 & (d4days \geq 0 & d4days \leq 365))| (currsmk == 1 & d1 == 1));

generate quit6_12 = (currfrmr12n == 1 & (formersmok == 1 & d4days >= 180 & d4days <= 365));

replace quit6 12 = . if currfrmr12n $\sim = 1$;

Possible Responses

0 = Current smoker who tried to quit in the past 12 months or former smoker who quit less than 6 months ago

1 = Former smoker who quit at least 6 months ago and at most 12 months ago

HRD_QTLIN

New York Quitline: Has heard of the New York State Smokers' Quitline

Variables Used

j29, d j29

Survey Questions

2003O3 to 2004O4

J29. Have you heard of the New York State Smokers' Quitline? YNDKRF

2005Q1 to present

D j29. Have you heard of the New York State Smokers' Quitline? YNDKRF

Stata Code

```
generate hrd_qtlin = 1 if (j29 == 1 | d_j29 == 1); replace hrd_qtlin = 0 if (j29 == 2 | d_j29 == 2);
```

Possible Responses

0 = Has not heard of the New York State Smokers' Quitline

1 = Has heard of the New York State Smokers' Quitline

CALL_QTLIN

Called the Quitline: Has called the New York State Smokers' Quitline

Variables Used

d j31, j31

Survey Question Information

2003Q3 to 2004Q4

J31. Have you ever called the New York State Smokers' Quitline? YNDKRF

2005Q1 to present

D_j31. In the past 12 months, have you called the New York State Smokers' Quitline? YNDKRF

Stata Code

```
generate call_qtlin = 1 if (j31 == 1 | d_j31 == 1);
replace call qtlin = 0 if (j31 == 2 | d_j31 == 2);
```

Possible Responses

0 = Has not called the New York State Smokers' Quitline

1 = Has called the New York State Smokers' Quitline

CALL QUIT

Heard Advertisement about Tobacco-related Issue: Heard advertisement about places to call to get help in quitting smoking

Variables Used

j49

Survey Questions

2003Q3 to 2007Q4

J49. In the past 30 days, have you seen or heard advertisements about each of the following tobacco-related issues: Places to call to get help in quitting smoking? YNDKRF

Stata Code

```
generate call_quit = (j49 == 1);
replace call_quit = . if (j49 == . | j49 < 0);
```

Possible Responses

0 = Has not heard advertisements about places to call to get help in quitting smoking 1 = Has heard advertisements about places to call to get help in quitting smoking

NICOTINE

Use of Nicotine Patch, Gum, or Other Medication to Help Quit: Those former and current smokers with a quit attempt in the past year who used the nicotine patch, gum, or other medication to help them quit

Variables Used

d5f, d6, currfrmr12, wave

Survey Questions

2003Q3 to 2004Q4

D6. [The last time you tried to quit smoking,] did you use the nicotine patch, nicotine gum, or any other medication to help you quit? YNDKRF

2005Q1 to present

D5f. [When you tried to quit smoking, did you] use medications like the nicotine patch, nicotine gum, Zyban, or Chantix? YNDKRF

Stata Code

```
generate nicotine = (d6 == 1 \& currfrmr12 == 1);

replace nicotine = . if d6 < 0;

replace nicotine = . if currfrmr12 \sim= 1;

replace nicotine = . if d6 == .;

replace nicotine = d5f == 1 \& currfrmr12 == 1 \text{ if wave }>= 7;

replace nicotine = . if wave >= 7 \& d5f < 0;

replace nicotine = . if wave >= 7 \& currfrmr12 \sim= 1;

replace nicotine = . if wave >= 7 \& d5f == .;
```

Possible Responses

0 = Has not used a nicotine patch, gum, or other medication to help with quit/quit attempt1 = Has used a nicotine patch, gum, or other medication to help with quit/quit attempt

3.5 Tax Evasion

ANYLOCN

Purchased Cigarettes from Other Locations: Purchased from an Indian reservation, duty-free shop, outside the state or country, toll-free number, or Web site

Variables Used

indres, dutyfree, outofstate, toll, web, currsmk, wave

Survey Questions

Not applicable

Stata Code

```
generate anylocn = (indres == 1 | dutyfree == 1 | outofstate == 1 | toll == 1 | web == 1); replace anylocn = . if anylocn == 0 & (indres == . & dutyfree == . & outofstate == . & toll == . & web == .); replace anylocn = . if (currsmk ~= 1 | wave == 5);
```

Possible Responses

0 = Has not personally (nor a friend nor relative) purchased cigarettes for personal use from an Indian reservation, a duty-free shop, outside the state or country, from a toll-free number, or from a Web site or on the Internet

1 = Has personally (or a friend or relative) purchased cigarettes for personal use from an Indian reservation, a duty-free shop, outside the state or country, from a toll-free number, or from a Web site or on the Internet

INDRES

Purchased Cigarettes from Other Locations: Purchased from an Indian reservation

Variables Used

c3e, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3e. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use at an Indian reservation? YNDKRF

Stata Code

```
generate indres = 1 if c3e == 1;
replace indres = 0 if c3e == 2;
replace indres = . if (currsmk~=1 | wave == 5);
```

Possible Responses

0 = Has not purchased cigarettes from an Indian reservation

1 = Has purchased cigarettes from an Indian reservation

DUTYFREE

Purchased Cigarettes from Other Locations: Purchased from a duty-free shop

Variables Used

c3f, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3f. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use at a duty-free shop? YNDKRF

Stata Code

```
generate dutyfree = 1 if c3f == 1;
replace dutyfree = 0 if c3f == 2;
replace dutyfree = . if (currsmk\sim = 1 | wave == 5 | wave == 19);
```

Possible Responses

0 = Has not purchased cigarettes from a duty-free shop

1 = Has purchased cigarettes from a duty-free shop

OUTOFSTATE

Purchased Cigarettes from Other Locations: Purchased out of the state or country

Variables Used

c3g, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3g. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use outside the state or country? YNDKRF

Stata Code

```
generate outofstate = 1 if c3g == 1;
replace outofstate = 0 if c3g == 2;
replace outofstate = . if (currsmk \sim = 1 | wave == 5);
```

Possible Responses

0 =Has not purchased cigarettes from outside the state or country

1 = Has purchased cigarettes from outside the state or country

TOLL

Purchased Cigarettes from Other Locations: Purchased from a toll-free number

Variables Used

c3i, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3i. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use through use of a toll-free number? YNDKRF

Stata Code

```
generate toll = 1 if c3i == 1;
replace toll = 0 if c3i == 2;
replace toll = . if (currsmk \sim = 1 \mid wave == 5);
```

Possible Responses

0 = Has not purchased cigarettes from a toll-free number

1 = Has purchased cigarettes from a toll-free number

WEB

Purchased Cigarettes from Other Locations: Purchased from a Web site or on the Internet

Variables Used

c3j, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3j. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use from a Web site or on the Internet? YNDKRF

Stata Code

```
generate web = 1 if c3j == 1;
replace web = 0 if c3j == 2;
replace web = . if (currsmk \sim = 1 | wave == 5);
```

Possible Responses

0 = Has not purchased cigarettes from a Web site or on the Internet

1 = Has purchased cigarettes from a Web site or on the Internet

EVADE2

Purchased Cigarettes from Other Locations: Always or sometimes purchases from an Indian reservation, a duty-free shop, out of state or the country, a toll-free number, or a Web site

Variables Used

freq2 dfree, freq2 outst, freq2 res, freq2 toll, freq2 web, currsmk

Survey Questions

Not applicable

Stata Code

```
egen miss2 = rmiss(freq2_res-freq2_web); generate evade2 = 1 if (freq2_res == 1 | freq2_dfree == 1 | freq2_outst == 1 | freq2_toll == 1 | freq2_web == 1); replace evade2 = 0 if evade2 \sim= 1   & (freq2_res \sim= . | freq2_dfree\sim=. | freq2_outst \sim= . | freq2_toll \sim= . | freq2_web \sim= .); replace evade2 = . if miss2 > 2;
```

Possible Responses

0 =Has never or has rarely purchased cigarettes from any of the following: Indian reservation, duty-free shop, out of state or the country, toll-free number, or a Web site 1 =Has always or has sometimes purchased cigarettes from one or multiple of the following: Indian reservation, duty-free shop, out of state or the country, toll-free number, or a Web site

FREQ2_RES

Purchased Cigarettes from Other Locations: Always or sometimes purchases from an Indian reservation

Variables Used

c3e, c3e 1, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3e. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use at an Indian reservation? YNDKRF

2003Q3 to 2004Q2, 2004Q4 to 2007Q4, 2008Q2 to present

C3e 1. How often did you purchase cigarettes here (at an Indian reservation)? ASRN

Stata Code

```
gen freq2_res = 1 if (c3e_1 == 1 | c3e_1 == 2);
replace freq2_res = 0 if (c3e_1 == 3 | c3e_1 == 4 | c3e == 2);
replace freq2_res = . if (currsmk \sim 1 | wave == 5);
```

Possible Responses

0 = Has never or has rarely purchased cigarettes from an Indian reservation

1 = Has always or has sometimes purchased cigarettes from an Indian reservation

FREQ2_DFREE

Purchased Cigarettes from Other Locations: Always or sometimes purchases from a duty-free shop

Variables Used

c3f, c3f 1, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3f. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use at a duty-free shop? YNDKRF

2003Q3 to 2004Q2, 2004Q4 to 2007Q4, 2008Q2 to present

C3f 1. How often did you purchase cigarettes here (at a duty-free shop)? ASRN

Stata Code

```
generate freq2_dfree = 1 if (c3f_1 == 1 | c3f_1 == 2);
replace freq2_dfree = 0 if (c3f_1 == 3 | c3f_1 == 4 | c3f == 2);
replace freq2_dfree = . if (currsmk \sim 1 | wave == 5);
```

Possible Responses

0 = Has never or has rarely purchased cigarettes from a duty-free shop

1 = Has always or has sometimes purchased cigarettes from a duty-free shop

FREQ2_OUTST

Purchased Cigarettes from Other Locations: Always or sometimes purchases from out of state or the country

Variables Used

c3g, c3g_1, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3g. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use at an outside the state or country? YNDKRF

2003Q3 to 2004Q2, 2004Q4 to 2007Q4, 2008Q2 to present

C3g 1. How often did you purchase cigarettes here (outside the state or country)? ASRN

Stata Code

```
generate freq2_outst = 1 if (c3g_1 == 1 | c3g_1 == 2);
replace freq2_outst = 0 if (c3g_1 == 3 | c3g_1 == 4 | c3g == 2);
replace freq2_outst = . if (currsmk \sim= 1 | wave == 5);
```

Possible Responses

0 =Has never or has rarely purchased cigarettes from out of state or the country

1 = Has always or has sometimes purchased cigarettes from out of state or the country

FREQ2_TOLL

Purchased Cigarettes from Other Locations: Always or sometimes purchases from a toll-free number

Variables Used

c3i, c3i 1, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3i. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use through use of a toll-free number? YNDKRF

2003Q3 to 2004Q2, 2004Q4 to 2007Q4, 2008Q2 to present

C3i_1. How often did you purchase cigarettes here (through use of a toll-free number)? ASRN

Stata Code

```
generate freq2_toll = 1 if (c3i_1 == 1 \mid c3i_1 == 2);
replace freq2_toll = 0 if (c3i_1 == 3 \mid c3i_1 == 4 \mid c3i == 2);
replace freq2_toll = . if (currsmk \sim = 1 \mid wave == 5);
```

Possible Responses

0 = Has never or has rarely purchased cigarettes from a toll-free number

1 = Has always or has sometimes purchased cigarettes from a toll-free number

FREQ2_WEB

Purchased Cigarettes from Other Locations: Always or sometimes purchases from a Web site or on the Internet

Variables Used

c3j, c3j 1, currsmk, wave

Survey Questions

2003Q3 to 2007Q4, 2008Q2 to present

C3j. In the past 12 months, have you or a friend or relative purchased cigarettes for your own use from a Web site or on the Internet? YNDKRF

2003Q3 to 2004Q2, 2004Q4 to 2007Q4, 2008Q2 to present

C3j_1. How often did you purchase cigarettes here (from a Web site or on the Internet)? ASRN

Stata Code

```
generate freq2_web = 1 if (c3j_1 = 1 | c3j_1 = 2); replace freq2_web = 0 if (c3j_1 = 3 | c3j_1 = 4 | c3j = 2); replace freq2_web = . if (currsmk \sim 1 | wave = 5);
```

Possible Responses

0 = Has never or has rarely purchased cigarettes from a Web site or on the Internet

1 = Has always or has sometimes purchased cigarettes from a Web site or on the Internet

3.6 Secondhand Smoke

LIVESMKR

Household Smoking: Lives with a current smoker

Variables Used

f9

Survey Questions

2004Q3 to present

F9. Not including yourself, does anyone who lives in your home smoke cigarettes now? YNDKRF

Stata Code

```
generate livesmkr = 1 if f9 == 1;
replace livesmkr = 0 if f9 == 2;
replace livesmkr = . if f9 < 0;
```

Possible Responses

0 =Does not live with a current smoker

1 = Lives with a current smoker

OTHRHOMSMK

Household Smoking: Lives with a current smoker

Notes

Now referred to as LIVESMKR

NOSMK_HOME

Smoke-Free Home: Smoking not allowed at home

Variables Used

f1

Survey Questions

2003Q3 to present

- F1. Which statement best describes the rules about smoking in your home?
 - 1 Smoking is not allowed anywhere inside your home
 - 2 Smoking is allowed some places or at some time
 - 3 Smoking is allowed anywhere inside the home
 - 4 There are no rules about smoking inside the home
 - −1 Don't know
 - -2 Refused

Stata Code

```
generate nosmk_home = (f1 == 1);
replace nosmk_home = .if(f1 < 0 | f1 == .);
```

Possible Responses

- 0 =Smoking is allowed inside the home
- 1 = Smoking is not allowed anywhere inside the home

SMKHRS_RM

Smoke Hours in Room: Number of hours spent in a room with smokers

Variables Used

f3, f3a, f3a 1, wave

Survey Questions

2003Q3 to 2004Q3

- F3. During the past 7 days, approximately how many hours (total in a week) did you spend in a room (either work or home) where someone has been smoking?
 - 1 Zero hours
 - 2 1–2 hours
 - 3 3-5 hours
 - 4 6-10 hours
 - 5 11-20 hours
 - 6 21-50 hours
 - 7 51–100 hours
 - 8 101–168 hours
 - -1 Don't know
 - -2 Refused

2004Q4 to present

F3a. During the past 7 days, approximately how many hours (total in a week) did you spend in a room (either work or home) where someone else has been smoking?

[Range 0–168]

- -1 Don't know
- -2 Refused

2005Q1 to present

- F3a 1. Would you say...
 - 1 Zero hours
 - 2 More than zero hours, less than 1 hour
 - 3 1–2 hours
 - 4 3–5 hours
 - 5 6-10 hours
 - 6 11-20 hours
 - 7 21-50 hours
 - 8 51-100 hours
 - 9 101-168 hours
 - -1 Don't know
 - -2 Refused

Stata Code

```
generate smkhrs rm = f3a if (f3a \ge 0 \& f3a \le 168) \& wave \ge 7;
replace smkhrs rm = 0 if (f3 == 1 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 1 \& wave == 6) |
 (f3a \ 1 == 1 \& wave >= 7);
replace smkhrs rm = 0.5 if (f3a == 2 & wave == 6) | (f3a 1 == 2 & wave >= 7);
replace smkhrs rm = 1.5 if (f3 == 2 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 3 \& wave == 6) |
 (f3a \ 1 == 3 \& wave >= 7);
replace smkhrs rm = 4 if (f3 == 3 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 4 \& wave == 6) |
 (f3a \ 1 == 4 \& wave >= 7);
replace smkhrs rm = 8 if (f3 == 4 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 5 \& wave == 6) |
 (f3a \ 1 == 5 \& wave >= 7);
replace smkhrs rm = 15.5 if (f3 == 5 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 6 \& wave == 6) |
 (f3a \ 1 == 6 \& wave >= 7);
replace smkhrs rm = 35.5 if (f3 == 6 & inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 7 & wave == 6) |
 (f3a \ 1 == 7 \& wave >= 7);
replace smkhrs rm = 75.5 if (f3 == 7 \& inlist(wave, 1, 2, 3, 4, 5)) | (f3a == 8 \& wave == 6) |
 (f3a \ 1 == 8 \& wave >= 7);
replace smkhrs rm = 134.5 if (f3 == 8 & inlist(wave,1,2,3,4,5)) | (f3a == 9 & wave == 6)
 | (f3a \ 1 == 9 \& wave >= 7);
```

Possible Responses

Continuous and approximations [0, 0.5, 1.5, 4, 8, 15.5, 35.5, 75.5, 134.5] based on 0 to 168 hours of exposure in a room.

NOSMK_CAR

Smoke-Free Car: Smoking not allowed in the car

Variables Used

f2

Survey Questions

2003Q3 to present

- F2. Which statement best describes the rules about smoking in your family car or cars?
 - 1 Smoking is never allowed in any car
 - 2 Smoking is allowed some times or in some cars
 - 3 Smoking is allowed in all cars, or
 - 4 Do not have a family car
 - −1 Don't know
 - -2 Refused

Stata Code

```
gen nosmk_car = (f2 == 1);
replace nosmk_car = . if (f2 < 0 | f2 >= 4);
```

Possible Responses

0 =Smoking is allowed in a family car

1 = Smoking is never allowed in any car

SMKHRS_CAR

Smoke Hours in Car: Number of hours spent in the car with smokers

Variables Used

f4, f4a, f4a 1, wave

Survey Questions

2003Q3 to 2004Q3

F4. During the past 7 days, approximately how many hours (total in a week) did you spend in a vehicle where someone has been smoking?

- 1 Zero hours
- 2 1–2 hours
- 3 3-5 hours
- 4 6–10 hours
- 5 11-20 hours
- 6 21-50 hours
- 7 51–100 hours
- 8 101–168 hours
- -1 Don't know
- -2 Refused

2004Q4 to present

F4a. During the past 7 days, approximately how many hours (total in a week) did you spend in a vehicle where someone else has been smoking?

[Range 0–168]

- -1 Don't know
- -2 Refused

2005Q1 to present

F4a 1. Would you say...

- 1 Zero hours
- 2 More than zero hours, less than 1 hour
- 3 1–2 hours
- 4 3–5 hours
- 5 6-10 hours
- 6 11-20 hours
- 7 21-50 hours
- 8 51-100 hours
- 9 101-168 hours
- -1 Don't know
- -2 Refused

Stata Code

```
generate smkhrs car = f4a if f4a \geq= 0 & f4a \leq= 168 & wave \geq= 7;
replace smkhrs car = 0 if (f4 == 1 \& inlist(wave, 3, 4, 5))
| (f4a == 1 \& wave == 6) | (f4a 1 == 1 \& f4a <= 168 \& wave >= 7);
replace smkhrs car = 0.5 if (f4a == 2 \& wave == 6)
| (f4a \ 1 == 2 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 1.5 if (f4 == 2 \& inlist(wave, 3, 4, 5))
| (f4a == 3 \& wave == 6) | (f4a 1 == 3 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 4 if (f4 == 3 \& inlist(wave,3,4,5))
| (f4a == 4 \& wave == 6) | (f4a 1 == 4 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 8 if (f4 == 4 \& inlist(wave, 3, 4, 5))
| (f4a == 5 \& wave == 6) | (f4a 1 == 5 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 15.5 if (f4 == 5 & inlist(wave, 3,4,5))
| (f4a == 6 \& wave == 6) | (f4a 1 == 6 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 35.5 if (f4 == 6 & inlist(wave, 3, 4, 5))
| (f4a == 7 \& wave == 6) | (f4a 1 == 7 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 75.5 if (f4 == 7 & inlist(wave,3,4,5))
| (f4a == 8 \& wave == 6) | (f4a 1 == 8 \& f4a \le 168 \& wave \ge 7);
replace smkhrs car = 134.5 if (f4 == 8 & inlist(wave,3,4,5))
| (f4a == 9 \& wave == 6) | (f4a 1 == 9 \& f4a \le 168 \& wave \ge 7);
```

Possible Responses

Continuous and approximations [0, 0.5, 1.5, 4, 8, 15.5, 35.5, 75.5, 134.5] based on 0 to 168 hours of exposure in a car.

SMK_VISIT_REST

Indoor Smoking: Saw someone smoking indoors last time went to a restaurant

Variables Used

k6, k8

Survey Questions

2003Q3 to 2006Q2

K6. How often did you go to a restaurant in your community in the past month?

[Range 0–100]

- −1 Don't know
- -2 Refused

2003Q3to 2007Q4

K8. The last time you went to a restaurant in your community in the past 30 days, did you see someone smoking indoors?

- 1 Yes
- 2 No
- 3 Haven't gone to a restaurant in my community in the past 30 days
- -1 Don't know
- -2 Refused

Note: Option 3 added in 2007Q2.

Stata Code

```
generate smk_visit_rest = (k8 == 1);
replace smk_visit_rest = . if (k8 < 0 | k8 == .);
replace smk_visit_rest = . if k6 <= 1 & wave <= 12;
replace smk_visit_rest = . if k8 == 3
```

Possible Responses

0 = Did not see someone smoking indoors

1 = Did see someone smoking indoors

SMK_VISIT_BAR

Indoor Smoking: Saw someone smoking indoors last time went to a bar

Variables Used

k10, k11, wave

Survey Questions

2003Q3 to 2006Q2

K10. How often did you go to a bar in your community in the past month?

[Range 0–100]

- -1 Don't know
- -2 Refused

2003Q3to present

K11. The last time you went to a bar in your community in the past 30 days, did you see someone smoking indoors?

- 1 Yes
- 2 No
- 3 Haven't gone to a bar in my community in the past 30 days
- -1 Don't know
- -2 Refused

Note: Option 3 added in 2007Q2.

Stata Code

```
generate smk_visit_bar = (k11 == 1);
replace smk_visit_bar = . if (k11 < 0 \mid k11 == .);
replace smk_visit_bar = . if k10 <= 1 & wave <= 12;
replace smk_visit_bar = . if k11 == 3;
```

Possible Responses

0 = Did not see someone smoking indoors

1 = Did see someone smoking indoors

TRIPS

Avoid CIAL Locations: Made a special trip outside New York State to visit restaurants or bars where smoking is allowed

Variables Used

k17

Survey Questions

2003Q3 to 2006Q2

K17. Have you made any special trips outside New York State for the purpose of visiting restaurants or bars where smoking is allowed? YNDKR

Stata Code

```
generate trips = k17 == 1;
replace trips = . if (k17 < 0 \mid k17 == .);
```

Possible Responses

- 0 = Did not make a special trip outside New York State to visit restaurant or bars where smoking is allowed
- 1 = Made a special trip outside New York State to visit restaurants or bars where smoking is allowed

IN_SMK

Smoking at Work: Among indoor workers, someone has smoked in their work area

Variables Used

f5, f6

Survey Questions

2003Q3 to present

F5. While working at your job, are you indoors most of the time? YNDKRF

2003Q3 to present

F6. In the past seven days, has anyone smoked in your work area? YNDKRF

Stata Code

```
generate in_smk = (f5 == 1 & f6 == 1);
replace in_smk = . if (f6 == . | f6 < 0);
replace in_smk = . if f5 \sim= 1;
```

Possible Responses

0 = No one has smoked in their work area

1 = Someone has smoked in their work area

SMKFREEWK

Indoor Smoking Policy: Smoking is not allowed in any work, public, or common areas

Variables Used

f5, f7, f8

Survey Questions

2003Q3 to present

F5. While working at your job, are you indoors most of the time? YNDKRF

2003Q3 to 2004Q4

- F7. Which of the following best describes your place of work's official smoking policy for work areas? Would you say...
 - 1 Not allowed in any work areas
 - 2 Allowed in some work areas
 - 3 Allowed in all work areas, or
 - 4 No official policy
 - -1 Don't know
 - -2 Refused

2003Q3 to 2004Q4

- F8. Which of the following best describes your place of work's official smoking policy for indoor public or common areas, such as lobbies, rest rooms, and lunch rooms? Would you say...
 - 1 Not allowed in any public areas
 - 2 Allowed in some public areas
 - 3 Allowed in all public areas, or
 - 4 No official policy
 - -1 Don't know
 - -2 Refused

Stata Code

```
generate smkfreewk = ((f7 == 1 & f8 == 1) & f5 == 1);

replace smkfreewk = . if

((f7 == . | f7 < 0) & (f8 == . | f8 < 0))
| (f7 == 1 & (f8 < 0 | f8 == .))
| (f8 == 1 & (f7 < 0 | f7 == .));
replace smkfreewk = . if f5 \sim= 1;
```

- 0 =Smoking is allowed in some or all work, public, and common areas, or there is no policy
- 1 = Smoking is not allowed in any work, public, or common areas

BOTHER

Bothered by Secondhand Smoke

Variables Used

k1

Survey Questions

2003Q3 to 2004Q2

K1. Are you bothered by secondhand smoke? YNDKRF

Stata Code

```
generate bother = k1 == 1;
replace bother = . if (k1 < 0 | k1 == .);
```

Possible Responses

0 = Not bothered by secondhand smoke

1 = Bothered by secondhand smoke

ASKNOSMK

Asked Not To Smoke: Among current smokers, frequency asked not to smoke when smoking or about to smoke

Variables Used

k1b, currsmk

Survey Questions

2004Q3 to 2006Q4

K1b. About how often in the past 12 months has anyone asked you not to smoke when you were smoking or were about to smoke? ASRN

Stata Code

```
generate asknosmk = (k1b == 1 | k1b == 2);
replace asknosmk = . if (k1b < 0 | k1b == .);
replace asknosmk = . if currsmk \sim = 1;
```

Possible Responses

0 = Never or rarely asked anyone not to smoke

1 = All the time or sometimes asked anyone not to smoke

DONOTHING

Secondhand Smoke: Does nothing when someone is smoking around the respondent

Variables Used

kla_a, kla_b, kla_c, kla_d

Survey Questions

2003Q3 to 2006Q4

K1a. When someone is smoking around you, do you... [Code all that apply]

- 1 Do nothing
- 2 Go someplace else
- 3 Ask them not to smoke around you
- 4 Tell them to put out their cigarette immediately
- -1 Don't know
- -2 Refused

Note: K1A_A refers to the first selection, K1A_B refers to the second selection, K1A_C refers to the third selection, and K1A_D refers to the fourth selection.

Stata Code

```
generate donothing = (k1a_a == 1 \& k1a_b == . \& k1a_c == . \& k1a_d == .); replace donothing = . if (k1a_a == 0 | k1a_a == .);
```

- 0 =Does something when someone is smoking around them
- 1 = Does nothing when someone is smoking around them

DOSMTHNG

Secondhand Smoke: Does something when someone is smoking around the respondent

Variables Used

kla a, kla b, kla c, kla d

Survey Questions

2003Q3 to 2006Q4

K1a. When someone is smoking around you, do you... [Code all that apply]

- 1 [kla a] Do nothing
- 2 [k1a b] Go someplace else
- 3 [k1a c] Ask them not to smoke around you
- 4 [k1a d] Tell them to put out their cigarette immediately
- -1 Don't know
- -2 Refused

Stata Code

```
generate dosmthng = (k1a_a >= 2 \& k1a_a <= 4)

| (k1a_b >= 2 \& k1a_b <= 4)

| (k1a_c >= 2 \& k1a_b <= 4)

| (k1a_d >= 2 \& k1a_d <= 4);

replace dosmthng = . if (k1a_a < 0 | k1a_a == .);
```

Possible Responses

0 =Does nothing when someone is smoking around them

1 = Does something when someone is smoking around them

SMK_COLON

SHS Health Consequences: Smoke from other people's cigarettes causes colon cancer

Variables Used

g12

Survey Questions

2003Q3 to 2007Q4

G12. Would you say that breathing smoke from other people's cigarettes causes colon cancer? Do you... AGREESCL

Stata Code

```
generate smk_colon = (g12 == 1 | g12 == 2);
replace smk_colon = . if (g12 == -2 | g12 == .);
```

Possible Responses

- 0 = Does not believe breathing smoke from other people's cigarettes causes colon cancer
- 1 = Believes breathing smoke from other people's cigarettes causes colon cancer

SMK_SIDS

SHS Health Consequences: Smoke from other people's cigarettes causes sudden infant death syndrome (SIDS)

Variables Used

g14

Survey Questions

2003Q3 to 2005Q4

G14. Would you say that breathing smoke from other people's cigarettes causes sudden infant death syndrome (SIDS)? Do you... AGREESCL

Stata Code

```
generate smk_sids = (g14 == 1 | g14 == 2);
replace smk_sids = . if (g14 == -2 | g14 == .);
```

- 0 = Does not believe breathing smoke from other people's cigarettes causes SIDS
- 1 = Believes breathing smoke from other people's cigarettes causes SIDS

3.7 Attitudes and Beliefs

FAVOR_LAW

Favor the CIAL: In favor of the New York State law prohibiting smoking in all public and workplaces, including bars and restaurants

Variables Used

k5

Survey Questions

2003Q3 to present

K5. Are you personally in favor of, opposed to, or indifferent to the New York law prohibiting smoking in all public and workplaces, including bars and restaurants?

- 1 Favor
- 2 Oppose
- 3 Indifferent
- 4 Not familiar with law
- -1 Don't know
- -2 Refused

Stata Code

```
generate favor_law = (k5 == 1);
replace favor_law = . if (k5 < 0 \mid k5 >= 4);
```

Possible Responses

0 = Not in favor of the New York State law prohibiting smoking in all public and workplaces, including bars and restaurants

1 = In favor of the New York State law prohibiting smoking in all public and workplaces, including bars and restaurants

LAW_ENTRY

Smoking in Entryways: In favor of a law banning smoking in entranceways to public buildings and workplaces

Variables Used

k5b

Survey Questions

2005Q1 to present

K5b. Would you be in favor of a law banning smoking in the entranceways of public and workplaces?

- 1 Definitely yes
- 2 Probably yes
- 3 Probably not
- 4 Definitely not
- 5 No opinion
- −1 Don't know
- -2 Refused

Note: From 2005Q1 to 2007Q4, option 5 read "No opinion/Don't know."

Stata Code

```
generate law_entry = (k5b == 1 | k5b == 2);
replace law_entry = . if (k5b < 0 | k5b == .);
```

- 0 = Not in favor of a law banning smoking in the entranceways of public buildings and workplaces
- 1 = In favor of a law banning smoking in the entranceways of public buildings and workplaces

LAW_PLC

Smoking in Public Places: In favor of a law banning smoking in outdoor public places

Variables Used

k5a

Survey Questions

2005Q1 to present

K5a. Would you be in favor of a law banning smoking in outdoor public places, such as beaches or parks?

- 1 Definitely yes
- 2 Probably yes
- 3 Probably not
- 4 Definitely not
- 5 No opinion
- −1 Don't know
- -2 Refused

Note: From 2005Q1 to 2007Q4 option, 5 read "No opinion/Don't know."

Stata Code

```
generate law_plc = (k5a == 1 | k5a == 2); replace law_plc = . if (k5a < 0 | k5a == .);
```

Possible Responses

0 = Not in favor of a law banning smoking in outdoor public places, such as beaches or parks

1 = In favor of a law banning smoking in outdoor public places, such as beaches or parks

SMKCOMFORT

Smoking Around Friends: Comfortable smoking around friends that do not smoke

Variables Used

k1c, currsmk

Survey Questions

2004Q3 to 2006Q4

K1c. How comfortable do you feel smoking around friends who don't smoke?

- 1 Very comfortable
- 2 Somewhat comfortable
- 3 Neither comfortable nor uncomfortable
- 4 Somewhat uncomfortable
- 5 Very uncomfortable
- −1 Don't know
- -2 Refused

Stata Code

```
generate smkcomfort = (k1c == 1 | k1c == 2); replace smkcomfort = . if (k1c < 0 | k1c == .); replace smkcomfort = . if currsmk \sim = 1;
```

Possible Responses

0 = Not comfortable smoking around friends that do not smoke

1 = Comfortable smoking around friends that do not smoke

FAVOR_LABEL

Favor label: Definitely or probably favor warning labels on cigarette packs

Variables Used

k5c

Survey Questions

2005Q1 to present

K5c. Would you be in favor of warning labels on cigarette packs that show graphic images of damage caused by smoking, such as black lungs?

- 1 Definitely yes
- 2 Probably yes
- 3 Probably not
- 4 Definitely not
- 5 No opinion
- -1 Don't know
- -2 Refused

Note: From 2005Q1 to 2007Q4, option 5 read "No opinion/Don't know."

Stata Code

```
generate favor_label = k5c == 1 \mid k5c == 2;
replace favor_label = . if k5c < 0 \mid k5c == .;
```

Possible Responses

0 = Not in favor of graphic warning labels on cigarette packs

1 = In favor of graphic warning labels on cigarette packs

ACTOR_SMOK

Smoking in Movies: G, PG, and PG13 movies should not show actors smoking

Variables Used

g20

Survey Question Information

2003Q4 to present

G20. Movies rated G, PG, and PG-13 should not show actors smoking. AGREESCL

Stata Code

```
generate actor_smok = (g20 == 1 | g20 == 2); replace actor_smok = . if (g20 == . | g20 < 0);
```

Possible Responses

0 = Does not agree that G, PG, and PG13 movies should not show actors smoking

1 = Agrees that G, PG, and PG13 movies should not show actors smoking

ACTOR_TEENS

Smoking in Movies and Teens: Smoking in movies encourages teens to start smoking

Variables Used

g21

Survey Question Information

2003Q4 to 2009Q2

G21. Actors smoking in the movies does <u>not</u> encourage smoking among teens. AGREESCL

Stata Code

```
generate actor_teens = (g21 == 3 | g21 == 4);
replace actor_teens = . if (g21 == . | g21 < 0);
```

Possible Responses

0 = Does not agree that smoking in movies encourages teens to start smoking

1 = Agrees that smoking in movies encourages teens to start smoking

SMK_CANCER

Smoke from Others' Cigarettes: Causes lung cancer

Variables Used

g10

Survey Questions

2003Q3 to 2009Q2

G10. Would you say that breathing smoke from other people's cigarettes causes lung cancer? AGREESCL

2009Q3 to present

G10. Breathing smoke from other people's cigarettes causes lung cancer. Would you say... AGREESCL

Stata Code

```
generate smk_cancer = (g10 == 1 | g10 == 2);
replace smk_cancer = . if (g10 == -2 | g10 == .);
```

Possible Responses

0 = Would not say smoking from other people's cigarettes causes lung cancer

1 = Would say smoking from other people's cigarettes causes lung cancer

SMK_HEART

Smoke from Others' Cigarettes: Causes heart disease

Variables Used

g11

Survey Questions

2003Q3 to 2009Q2

<u>G11.</u> Would you say that breathing smoke from other people's cigarettes causes heart disease? AGREESCL

2009Q3 to present

G11. Breathing smoke from other people's cigarettes causes heart disease. Would you say... AGREESCL

Stata Code

```
generate smk_heart = (g11 == 1 | g11 == 2);
replace smk_heart = . if (g11 == -2 | g11 == .);
```

Possible Responses

0 = Would not say smoke from other people's cigarettes causes heart disease

1 = Would say smoke from other people's cigarettes causes heart disease

SMK_CHILD

Smoke from Others' Cigarettes: Causes respiratory problems in children

Variables Used

g13

Survey Questions

2003Q3 to 2009Q2

G13. Would you say that breathing smoke from other people's cigarettes causes respiratory problems in children? AGREESCL

2009Q3 to present

G13. Breathing smoke from other people's cigarettes causes respiratory problems in children. Would you say... AGREESCL

Stata Code

```
generate smk_child = (g13 == 1 | g13 == 2);
replace smk_child = . if (g13 == -2 | g13 == .);
```

- 0 = Would not say smoke from other people's cigarettes causes respiratory problems in children
- 1 = Would say smoke from other people's cigarettes causes respiratory problems in children

TAR

Health Consequences: Believes high tar cigarettes are at least twice as likely to cause illness as low tar cigarettes

Variables Used

g2

Survey Questions

2003Q3 to 2004Q2, 2005Q1 to 2007Q4

- G2. High tar cigarettes that are sold these days are at least twice as likely to cause illness as ones that are low in tar. Would you say...
 - 1 Strongly agree
 - 2 Agree
 - 3 Disagree
 - 4 Strongly disagree
 - −1 Don't know
 - -2 Refused

Stata Code

```
generate tar = (g2 == 3 | g2 == 4);
replace tar = . if g2 < 0 | g2 == .;
```

- 0 =Agrees that high tar cigarettes are at least twice as likely to cause illness as low tar cigarettes
- 1 = Disagrees that high tar cigarettes are at least twice as likely to cause illness as low tar cigarettes

HEART

Risk of Health Consequences: Thinks risk of heart disease is higher than those who don't smoke

Variables Used

g15, currsmk

Survey Questions

2003Q3 to 2004Q2, 2005Q1 to 2007Q4

- G15. Do you think your risk of having a heart attack is higher, lower, or about the same as other people who are your age and don't smoke?
 - 1 Higher
 - 2 Lower
 - 3 About the same
 - −1 Don't know
 - -2 Refused

Stata Code

```
generate heart = (g15 == 1);
replace heart = . if (g15 == . | g15 < 0 | currsmk \sim= 1);
```

Possible Responses

0 = Thinks risk of having a heart attack is about the same or lower

1 = Thinks risk of having a heart attack is higher

LUNG

Risk of Health Consequences: Thinks risk of lung cancer is higher than those who don't smoke

Variables Used

g16, currsmk

Survey Questions

2003Q3 to 2004Q2, 2005Q1 to 2007Q4

G16. Do you think your risk of lung cancer is higher, lower, or about the same as other people who are your age and don't smoke?

- 1 Higher
- 2 Lower
- 3 About the same
- -1 Don't know
- -2 Refused

Stata Code

```
generate lung = (g16 == 1);
replace lung = . if (g16 == . | g16 < 0 | currsmk \sim= 1);
```

Possible Responses

0 = Thinks risk of lung cancer is about the same or lower

1 = Thinks risk of lung cancer is higher

CANCER

Risk of Health Consequences: Think that risk of cancers is higher than others

Variables Used

g17, currsmk

Survey Questions

2003Q3 to 2004Q2, 2005Q1 to 2007Q4

G17. Do you think your risk of other cancers besides lung cancer is higher, lower, or about the same as other people who are your age and [don't smoke]?

- 1 Higher
- 2 Lower
- 3 About the same
- -1 Don't know
- -2 Refused

Stata Code

```
generate cancer = (g17 == 1);
replace cancer = . if g17 == . | g17 < 0 | currsmk \sim = 1;
```

Possible Responses

0 = Thinks risk of other cancers is lower or about the same

1 = Thinks risk of other cancers is higher

EFFECT_EXAG

Exaggerated Harmful Effects: Believe the harmful effects of cigarettes have been exaggerated

Variables Used

g19a

Survey Questions

2004Q3 to 2006Q2, 2007Q2 to 2007Q4, 2009Q1 to 2009Q2

G19a. The harmful effects of cigarettes have been exaggerated. AGREESCL

Stata Code

```
generate effect_exag = (g19a > 2);
replace effect_exag = . if (g19a == . | g19a < 0);
```

Possible Responses

0 = Agrees that the harmful effects of cigarettes have been exaggerated

1 = Disagrees that the harmful effects of cigarettes have been exaggerated

QUIT_PLUS

Health Benefits: Believes little health benefit to quitting after smoking a pack a day for 20 years

Variables Used

g1

Survey Questions

2003Q3 to 2004Q2, 2005Q1 to 2007Q4

G1. If a person has smoked a pack of cigarettes a day for more than 20 years, there is little health benefit to quitting smoking. Would you say... AGREESCL

Stata Code

```
generate quit_plus = (g1 == 1 | g1 == 2);
replace quit_plus = . if (g1 < 0 | g1 == .);
```

Possible Responses

0 =Disagrees that there is little health benefit to quitting after smoking a pack a day for 20 years

1 = Agrees that there is little health benefit to quitting after smoking a pack a day for 20 years

PATCH

Addiction: Nicotine patches are less likely than regular cigarettes to cause someone to become addicted

Variables Used

g18

Survey Questions

2003Q3 to 2004Q4

- G18. Are nicotine patches more likely, about as likely, or less likely to cause someone to become addicted as regular cigarettes?
 - 1 More likely
 - 2 About as likely
 - 3 Less likely
 - -1 Don't know
 - -2 Refused

Stata Code

```
generate patch = (g18 == 3);
replace patch = . if (g18 == . | g18 < 0);
```

- 0 = Nicotine patches are as likely or more likely than regular cigarettes to cause someone to become addicted
- 1 = Nicotine patches are less likely than regular cigarettes to cause someone to become addicted

3.8 Advertising Awareness

SHOPS

Did Not Notice Tobacco Product Advertising in Shop Windows

Variables Used

j15

Survey Questions

2003Q3 to 2007Q4, 2009Q1, 2009Q2

J15. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in shop windows or inside shops where tobacco is sold? ELON NA

Stata Code

```
generate shops = (j15 == 5 | j15 == 6);
replace shops = . if (j15 == . | j15 == -2);
```

Possible Responses

0 = Noticed tobacco product advertising or promotions in shop windows

1 = Never noticed tobacco product advertising or promotions in shop windows

ANTISMK_TV

Noticed Antismoking Advertising: In the past 7 days, noticed antismoking advertising on the television

Variables Used

j1, j4

Survey Questions

2003Q3 to present

J1. Please think back to the last 7 days. On average, how many hours per day did you... Watch television?

[Range 0.0–24.0]

- 97 Never watch TV
- -1 Don't know
- -2 Refused

2003Q3 to 2007Q4

J4. In the past 30 days, how often have you noticed antismoking advertising or information on television? ELON NA

Stata Code

```
generate antismk_tv = (j4 \ge 1 \& j4 \le 4);
replace antismk_tv = . if j1 \le 0 | j4 = . | j4 \le 1;
```

Possible Responses

0 = Never noticed antismoking advertising or information on the television

1 = Has noticed antismoking advertising or information on the television

CULTURE

Noticed Advertisements: Noticed cigarette or tobacco product advertisements or promotions at cultural events

Variables Used

j20

Survey Questions

2003Q3 to 2006Q2

J20. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: at cultural events? ELON NA

Stata Code

```
generate culture = 1 if (j20 >= 1 \& j20 <= 4); replace culture = 0 if j20 == 5 | j20 == 6;
```

Possible Responses

0 =Has not noticed cigarette or tobacco product advertisements or promotions at cultural events

1 = Has noticed cigarette or tobacco product advertisements or promotions at cultural events

LEAFLETS

Tobacco Product Advertisements and Promotions: Noticed by leaflet

Variables Used

i16

Survey Questions

2003Q3 to 2004Q4

J16. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: by leaflets? ELON NA

Stata Code

```
generate leaflet = 1 if j16 <= 4;
replace leaflet = 0 if j16 == 5;
replace leaflet = . if j16 == . | j16 < 0 | j16 == 6;
```

Possible Responses

0 = Has not noticed tobacco product advertisements or promotions by leaflets

1 = Has noticed tobacco product advertisements or promotions by leaflets

NETADS

Tobacco Product Advertisements and Promotions: Noticed over the Internet

Variables Used

j17

Survey Questions

2003Q3 to 2006Q2

J17. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: over the Internet? ELON NA

Stata Code

```
generate netads = 1 if j17 <= 4;
replace netads = 0 if j17 == 5;
replace netads = . if j17 == . | j17 < 0 | j17 == 6;
```

Possible Responses

0 = Has not noticed tobacco product advertisements or promotions on the Internet

1 = Has noticed tobacco product advertisements or promotions on the Internet

SPORTS

Tobacco Product Advertisements and Promotions: Noticed at sports events

Variables Used

J19

Survey Questions

2003Q3 to 2006Q2

J19. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: at sports events? ELON NA

Stata Code

```
generate sports = (j19 \ge 1 \& j19 \le 4);
replace sports = .if(j19 \ge 7 | j19 \le 0);
```

Possible Responses

0 = Has not noticed tobacco product advertisements or promotions at sports events

1 = Has noticed tobacco product advertisements or promotions at sports events

POSTERS

Tobacco Product Advertisements and Promotions: Noticed on posters or billboards

Variables Used

j13

Survey Questions

2003Q3 to 2006Q2

J13. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: on posters or billboards? ELON NA

Stata Code

```
generate posters = 1 if j13 \le 4;
replace posters = 0 if j13 == 5;
replace posters = . if j13 == . | j13 \le 0 | j13 == 6;
```

Possible Responses

0 = Has not noticed tobacco product advertisements or promotions on posters or billboards

1 = Has noticed tobacco product advertisements or promotions on posters or billboards

NEWSMAGS

Tobacco Product Advertisements and Promotions: Noticed in newspapers or magazines

Variables Used

j14

Survey Ouestions

2003Q3 to 2006Q2

J14. In the past 30 days, how often have you noticed cigarettes or tobacco products being advertised or promoted in any of the following ways: in newspapers or magazines? ELON NA

Stata Code

```
generate newsmags=1 if j14 <= 4;
replace newsmags=0 if j14 == 5;
replace newsmags=. if j14 == . | j14<0 | j14 == 6;
```

Possible Responses

0 = Has not noticed to bacco product advertisements or promotions in newspapers or magazines

1 = Has noticed tobacco product advertisements or promotions in newspapers or magazines

DANGER

Ads about Dangers of Secondhand Smoke: Has seen or heard ads about the dangers of secondhand smoke to children and adults

Variables Used

j52

Survey Questions

2003Q3 to 2007Q4, 2009Q1 to present

J52. In the past 30 days, have you seen or heard advertisements about each of the following tobacco-related issues: The dangers of children and adults being around cigarette smoke? YNDKRF

Note: Wording change from "kids" to "children and adults" in 2005Q1.

Stata Code

```
generate danger = j52 == 1;
replace danger = . if j52 == . | j52 < 0;
```

Possible Responses

0 = Has not seen or heard ads about the dangers of children and adults being around cigarette smoke

1 = Has seen or heard ads about the dangers of children and adults being around cigarette smoke

DEATH_FAMILY

Ads About Losing a Loved One: Has seen or heard ads about losing a loved one to a tobacco-related illness

Variables Used

j55

Survey Questions

2003Q3 to 2007Q4, 2009Q1 to present

J55. In the past 30 days, have you seen or heard advertisements about each of the following tobacco-related issues: Family members losing a loved one to a tobacco-related illness. YNDKRF

Stata Code

```
generate death_family = j55 == 1;
replace death_family = . if (j55 == . | j55 < 0);
```

Possible Responses

0 = Has not seen or heard ads about losing a loved one to a tobacco-related illness

1 = Has seen or heard ads about losing a loved one to a tobacco-related illness

SMOKING_MEDIA

News Stories About Tobacco: Portrayed smoking negatively

Variables Used

j12

Survey Questions

2003Q3 to 2007Q4

J12. I'd now like you to think of any news stories about smoking that you may have noticed on TV, radio, or in the newspapers, in the past 30 days. In your opinion, how was smoking portrayed in these news stories?

- 1 Positively
- 2 Negatively
- 3 Neither positively or negatively
- 4 Both positively or negatively
- 5 Do not recall any news stories
- −1 Don't know
- -2 Refused

Stata Code

```
generate smoking_media = (j12 == 2);
replace smoking_media = .ifj12 < 1 | j12 == .;
```

Possible Responses

0 = News stories about tobacco on the TV, radio, or newspaper portrayed smoking positively, both positively and negatively, or neither positively or negatively

1 = News stories about tobacco on the TV, radio, or newspaper portrayed smoking negatively