

March 2010

New York National 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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1. Introduction

1.1 *Background*

The New York National Adult Tobacco Survey (NY-NATS) is fielded quarterly to the noninstitutionalized adult population, aged 18 years or older, in New York State. Since Quarter 4, 2007, RTI International (RTI) has worked in conjunction with the New York Tobacco Control Program (NY TCP) to field and analyze the NY-NATS. The primary goal of the NY-NATS 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-NATS 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-NATS are approved by both the RTI and the New York State Department of Health institutional review boards (IRBs).

1.3 *Sample Description*

The NY-NATS is a list-assisted random-digit-dial (RDD) survey. The eligible population is U.S. residents that are civilians at least 18 years old. In the NY-NATS, 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-NATS Programmer's Handbook

The annual programmer's handbook outlines standard analysis variables, grouped by topic, included in the NY-NATS. 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

2007Q4 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 ~=. ;  
replace agecat = -1 if a1 == -1;  
replace agecat = -2 if a1 == -2;  
replace agecat = . if a1 == . ;
```

Possible Responses

1 = 18–24 years old

2 = 25–34

3 = 35–44

4 = 45–54

5 = 55–64

6 = 65+

RACE

Race/Ethnicity

Variables Used

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

Survey Questions

2007Q4 to present

A2. Are you Hispanic or Latino? YNDKRF

2007Q4 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

2007Q4 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 rca31 == 1 & rca32 == 0 & rca33 == 0 & rca34 == 0 & rca35 == 0 &
  rca36 == 0 & a2 == 2;
replace race = 3 if rca32 == 1 & rca31 == 0 & rca33 == 0 & rca34 == 0 & rca35 == 0 &
  rca36 == 0 & a2 == 2;
replace race = 4 if rca33 == 1 & rca31 == 0 & rca32 == 0 & rca34 == 0 & rca35 == 0 &
  rca36 == 0 & a2 == 2;
replace race = 5 if rca34 == 1 & rca31 == 0 & rca32 == 0 & rca33 == 0 & rca35 == 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 <= 6 & a2 == 2;
replace race = 3 if rca31 == 1 & rca32 == 1 & rca33 == 0 & rca34 == 0 & rca35 == 0 &
  rca36 == 0 & a2 == 2 & race == .;
replace race = 4 if rca31 == 1 & rca32 == 0 & rca33 == 1 & rca34 == 0 & rca35 == 0 &
  rca36 == 0 & a2 == 2 & race == .;
replace race = 5 if rca31 == 1 & rca32 == 0 & rca33 == 0 & rca34 == 1 & rca35 == 0 &
  rca36 == 0 & a2 == 2 & race == .;
replace race = 6 if rca31 == 1 & rca32 == 0 & rca33 == 0 & rca34 == 0 & rca35 == 1 &
  rca36 == 0 & a2 == 2 & race == .;
replace race = 7 if rca31 == 1 & rca32 == 0 & rca33 == 0 & rca34 == 0 & rca35 == 0 &
  rca36 == 1 & a2 == 2 & race == .;

```

Possible Responses

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

2007Q4 to present

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

1 Male

2 Female

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*2007Q4 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 == .;
```

Possible Responses

- 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

2007Q4 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 == .;
```

Possible Responses

- 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

2007Q4 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

2007Q4 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 l3 == 2;
replace income = 2 if (l3 == 1) & (l6 == 2 | l7 == 2 | l8 == 2);
replace income = 3 if (l8 == 1) & (l9 == 2 | l10 == 2);
replace income = 4 if l10 == 1;
generate incmiss = (income == .);
replace income = 5 if incmiss == 1;
```

Possible Responses

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

INSURANCE

Insurance Status: Public, private, and no insurance

Variables Used

a8, a9

Survey Questions

2007Q4 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

2007Q4 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);
```

Possible Responses

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

KIDS_17**Children in Household: Children less than 18 years old in the household**Variables Used

l2a, l2b, l2c

Survey Questions

2007Q4 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 = (l2a >= 1);
replace kids_5 = . if (l2a < 0 | l2a == .);
```

```
generate kids5_11 = (l2b >= 1);
replace kids5_11 = . if (l2b < 0 | l2b == .);
```

```
generate kids12_17 = (l2c >= 1);
replace kids12_17 = . if (l2c < 0 | l2c == .);
```

```
generate kids_17 = 1 if (kids_5 == 1 | kids5_11 == 1 | kids12_17 == 1);
replace kids_17 = 0 if (kids_5 == 0 & kids5_11 == 0 & kids12_17 == 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+

Notes

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

2007Q4 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 | 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

2007Q4 to present

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

2007Q4 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

2007Q4 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

2007Q4 to present

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

2007Q4 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

2007Q4 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);
```

Possible Responses

- 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

2007Q4 to present

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

2007Q4 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

2007Q4 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 | b3 == 2);
```

Possible Responses

- 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 = Smoked 100 cigarettes in lifetime, and now smokes every day or some days

1 = Nonsmoker

FORMERSMOK

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

Variables Used

b1, b2, b3, wave

Survey Questions

2007Q4 to present

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

2007Q4 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

2007Q4 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

CURFRMR12

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, wave

Survey Questions

2007Q4 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 curfrmr12 = ((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, formersmok

Survey Questions

2007Q4 to present

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

D4a. Hours {allow 2, range 0–24}

D4b. Days {allow 2, range 0–10}

D4c. Weeks {allow 2, range 0–52}

D4d. Months {allow 2, range 0–12}

D4e. Years {allow 2, range 0–97}

Stata Code

```
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 d4days = rowtotal(d4*x);
replace d4days = . if formersmok == 1 & d4_days == 0;
replace d4days = . if formersmok ~= 1;
replace d4days = . if (d4days > (a1*365 - 1825)) & a1 >= 0;
note d4_days: "Set to missing if age of last smoke less than the respondent at age 5.";
```

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

2007Q4 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

2007Q4 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

2007Q4 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

2007Q4 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 currmk ~= 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 currmk ~= 1;
replace monthcig = 1800 if monthcig > 1800 & monthcig ~= .;

```

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

2007Q4 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

Note: "Roll Your Own" option added in 2009 Q1.

2007Q4 to present

C2pack. What price did you pay per pack?

- [Range \$1.50 to \$12.99]
- 1 Don't Know
- 2 Refused

Note: Maximum-allowable price changed from \$9.99 to \$12.99 in 2009 Q3.

2007Q4 to present

C2carton. What price did you pay per carton?

- [Range \$5.00 to \$95.00]
- 1 Don't Know
- 2 Refused

Note: Minimum-allowable price changed from \$10 to \$5 in 2009 Q2.

Stata Code

```
generate price_pack = c2pack if c2ar == 2;
replace price_pack = . if (c2ar < 0 | currmk ~= 1);
replace price_pack = . if (c2pack < 1.50 | c2pack > 10) & (wave <= 7);
replace price_pack = . if (c2pack < 1.50 | c2pack > 13) & (wave >= 8);

generate price_crtn = c2carton if c2ar == 1;
replace price_crtn = . if (c2ar < 0 | currmk ~= 1);
replace price_crtn = . if (c2carton < 10 | c2carton > 95) & (wave <= 6);
replace price_crtn = . if (c2carton < 10 | c2carton > 95) & (wave >= 7);

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

Use Cigar: Use cigars every day or some days

Variables Used

h1b, h1bx

Survey Questions

2007Q4 to present

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

2007Q4 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 (h1bx == 1 | h1bx == 2);
```

```
replace cigar = 0 if h1b == 2;
```

Possible Responses

0 = Does not smoke cigars every day or some days

1 = Does smoke cigars every day or some days

SMOKELESS

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

Variables Used

h1a, h1ax

Survey Questions

2007Q4 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? YNDKR

2007Q4 to present

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

- 1 Every day
- 2 Somedays
- 1 Don't know
- 2 Refused

Stata Code

```
generate smokeless = 1 if (h1ax == 1 | h1ax == 2);  
replace smokeless = 0 if h1a == 2;
```

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

OTHER_TOB

Other Tobacco Use (updated): 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 at all

1 = Use either smokeless tobacco or cigars some days or every day

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

2007Q4 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 | d16 == .);  
replace asksmok_1 = . if visit_doc1 ~= 1;  
replace asksmok_1 = . if currsmk ~= 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

2007Q4 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 ~= 1;  
replace advisequit = . if currsmk ~= 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

2007Q4 to present

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

2007Q4 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 ~= 1;  
replace assistlr = . if currsmk ~= 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

2007Q4 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 ~= 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

2007Q4 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 ~= 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, currrsmk

Survey Questions

2007Q4 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 | d19 == .);  
replace desireqt_alot = . if currrsmk ~= 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

2007Q4 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

2007Q4 to present

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

YNDKRF

2007Q4 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 ~= 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 currfrm12n=((formersmok==1 & (d4days>=0 & d4days<=365))| (currsmk==1 & d1==1));
```

```
generate quit6_12=(currfrm12n==1 & (formersmok==1 & d4days>=180 & d4days<=365));
```

```
replace quit6_12=. if currfrm12n~=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 a telephone quitline

Variables Used

d_j29

Survey Questions

2007Q4 to present

D_j29. Have you heard of any telephone quitlines, such as 1-800-QUIT-NOW?

YNDKRF

Stata Code

```
generate hrd_qtlin = 1 if d_j29 == 1;
```

```
replace hrd_qtlin = 0 if d_j29 == 2;
```

Possible Responses

0 = Has not heard of a quitline

1 = Has heard of a quitline

CALL_QTLIN

Called the Quitline: Has heard of the quitline and has called the quitline

Variables Used

d_j31

Survey Question Information

2007Q4 to present

D_j31. In the past 12 months, have you called a telephone 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 a quitline

1 = Has called a 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

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, currfrmr12

Survey Questions

2007Q4 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 = d5f == 1 & currfrmr12 == 1;  
replace nicotine = . if d5f < 0;  
replace nicotine = . currfrmr12 ~= 1;  
replace nicotine = . d5f == .;
```

Possible Responses

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

1 = 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, currrsmk

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 currrsmk ~= 1;
```

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

Survey Questions*2007Q4, 2009Q1 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;
```

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

Survey Questions*2007Q4, 2009Q1 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 ~= 1;
```

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, currmk

Survey Questions

2007Q4, 2009Q1 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 currmk ~= 1;
```

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, currmk

Survey Questions

2007Q4, 2009Q1 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? YNDKR

Stata Code

```
generate toll = 1 if c3i == 1;  
replace toll = 0 if c3i == 2;  
replace toll = . if currmk ~= 1;
```

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

Survey Questions

2007Q4, 2009Q1 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 ~= 1;
```

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 ~= 1  
& (freq2_res ~= . | freq2_dfree ~= . | freq2_outst ~= . | freq2_toll ~= . | freq2_web ~=  
.);  
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

Survey Questions*2007Q4, 2009Q1 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

2007Q4, 2009Q1 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 ~= 1;
```

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

Survey Questions

2007Q4, 2009Q1 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

2007Q4, 2009Q1 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 ~= 1;
```

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

Survey Questions*2007Q4, 2009Q1 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

2007Q4, 2009Q1 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 ~= 1;
```

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

Survey Questions

2007Q4, 2009Q1 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

2007Q4, 2009Q1 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 | c3i_1 == 2);  
replace freq2_toll = 0 if (c3i_1 == 3 | c3i_1 == 4 | c3i == 2);  
replace freq2_toll = . if currsmk ~= 1;
```

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

Survey Questions

2007Q4, 2009Q1 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

2007Q4, 2009Q1 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 ~= 1;
```

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

2007Q4 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

2007Q4 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

f3a, f3a_1

Survey Questions

2007Q4 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

2007Q4 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 >= 0 & f3a <= 168);
generate smkhrs_car = f3a if f3a >= 0 & f3a <= 168;
replace smkhrs_car = 0 if f3a_1 == 1 & f3a <= 168;
replace smkhrs_car = 0.5 if f3a_1 == 2 & f3a <= 168;
replace smkhrs_car = 1.5 if f3a_1 == 3 & f3a <= 168;
replace smkhrs_car = 4 if f3a_1 == 4 & f3a <= 168;
replace smkhrs_car = 8 if f3a_1 == 5 & f3a <= 168;
replace smkhrs_car = 15.5 if f3a_1 == 6 & f3a <= 168;
replace smkhrs_car = 35.5 if f3a_1 == 7 & f3a <= 168;
replace smkhrs_car = 75.5 if f3a_1 == 8 & f3a <= 168;
replace smkhrs_car = 134.5 if f3a_1 == 9 & f3a <= 168;
```

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

2007Q4 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

f4a, f4a_1

Survey Questions

2007Q4 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

2007Q4 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 >= 0 & f4a <= 168;  
replace smkhrs_car = 0 if f4a_1 == 1 & f4a <= 168;  
replace smkhrs_car = 0.5 if f4a_1 == 2 & f4a <= 168;  
replace smkhrs_car = 1.5 if f4a_1 == 3 & f4a <= 168;  
replace smkhrs_car = 4 if f4a_1 == 4 & f4a <= 168;  
replace smkhrs_car = 8 if f4a_1 == 5 & f4a <= 168;  
replace smkhrs_car = 15.5 if f4a_1 == 6 & f4a <= 168;  
replace smkhrs_car = 35.5 if f4a_1 == 7 & f4a <= 168;  
replace smkhrs_car = 75.5 if f4a_1 == 8 & f4a <= 168;  
replace smkhrs_car = 134.5 if f4a_1 == 9 & f4a <= 168;
```

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

k8

Survey Questions

2007Q4 to present

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

Stata Code

```
generate smk_visit_rest = (k8 == 1);  
replace smk_visit_rest = . if (k8 < 0 | k8 == .);  
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

k11, wave

Survey Questions

2007Q4to 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

Stata Code

```
generate smk_visit_bar = (k11 == 1);  
replace smk_visit_bar = . if (k11 < 0 | k11 == .);  
replace smk_visit_bar = . if k11 == 3;
```

Possible Responses

0 = Did not see someone smoking indoors
1 = Did see someone smoking indoors

IN_SMK

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

Variables Used

f5, f6

Survey Questions

2007Q4 to present

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

2007Q4 to present

F6. In the past 7 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 ~= 1;
```

Possible Responses

0 = No one has smoked in their work area

1 = Someone has smoked in their work area

SMK_COLON

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

Variables Used

g12

Survey Questions

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

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

2007Q4 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 | 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_1

Survey Questions*2007Q4 to 2009Q2*

K5b. In the entranceways of public buildings and workplaces, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all?

- 1 Allowed in all areas
- 2 Allowed in some areas
- 3 Not allowed at all
- 4 No Opinion
- 5 No opinion
- 1 Don't know
- 2 Refused

2009Q3 to present

[K5b_1]. 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 2007Q4 to 2009Q2, the question wording and answer choices for NY-NATS K5b differ significantly from the NY-ATS. Thus, the coding of LAW_ENTRY in NY-NATS is restricted to 2009Q3 and 2009Q4 when the wording and answer choices were updated to mirror the NY-ATS instrument.

Stata Code

```
generate law_entry = (k5b_1 == 1 | k5b_1 == 2);
replace law_entry = . if (k5b_1 < 0 | k5b_1 == .);
```

Possible Responses

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_1

Survey Questions

2007Q4 to 2009Q2

K5a. In outdoor public places such as beaches or parks, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all?

- 1 Allowed in all areas
- 2 Allowed in some areas
- 3 Not allowed at all
- 4 No Opinion
- 5 No opinion
- 1 Don't know
- 2 Refused

2009Q3 to present

[K5a_1]. 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 2007Q4 to 2009Q2, the question wording and answer choices for NY-NATS K5a differ significantly from the NY-ATS. Thus, the coding of LAW_ENTRY in NY-NATS is restricted to 2009Q3 and 2009Q4 when the wording and answer choices were updated to mirror the NY-ATS instrument.

Stata Code

```
generate law_plc = (k5a_1 == 1 | k5a_1 == 2);  
replace law_plc = . if (k5a_1 < 0 | k5a_1 == .);
```

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

FAVOR_LABEL**Favor label: Definitely or probably favor warning labels on cigarette packs**Variables Used

k5c

Survey Questions*2007Q4 to 2009Q1*

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 Maybe
- 4 Probably not
- 5 Definitely not
- 1 Don't know
- 2 Refused

2009Q2 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
- [4] Probably not
- [5] Definitely not
- [6] No opinion
- 1 Don't know
- 2 Refused

Stata Code

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

2007Q4 to present

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

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

2007Q4 to 2009Q2

G21. Actors smoking in the movies does not 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*2007Q4 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*2007Q4 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

2007Q4 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 == .);
```

Possible Responses

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

HEART

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

Variables Used

g15, currsmk

Survey Questions

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 ~= 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

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 ~= 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, currrsmk

Survey Questions

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 | currrsmk ~= 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

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

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

3.8 Advertising Awareness

SHOPS

Did Not Notice Tobacco Product Advertising in Shop Windows

Variables Used

j15

Survey Questions

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

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

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

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

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