

**Round 1 Cognitive Testing of the
2010-2011 Tobacco Use Supplement to the Current Population Survey
(TUS-CPS)
Summary of Results –DRAFT
February 2009**

This document summarizes the results of 9 cognitive interviews designed to test the 2010-2011 TUS-CPS. The interviews were conducted at Westat’s Rockville, Maryland offices during the week of February 2, 2009. We briefly describe the methods for recruiting respondents, the testing plan, and recommendations for item revisions. The remainder of the document outlines item-by-item results.

Recruiting and Respondent Demographics

Interview respondents were recruited using Westat’s proprietary respondent database, and by running an ad in the county Gazette seeking “cigarette smokers”(The ad text was provided to NCI on January 27, 2009.) Additionally, we were able to recruit interview respondents from a recently completed tobacco survey testing effort for which they were contacted but could not take part (due to ineligibility or unavailability). (The final screener was delivered to NCI on January 25, 2009.) In order to ensure that as many items for testing as possible were administered during interviewing, we recruited three every-day smokers (one of whom is an “occasional” cigar smoker), three some-day smokers (two of whom are cigar smokers, another a snuff user), and three former smokers (two having quit within the past two years). Also, we recruited only working respondents so that we could test the items at the beginning of Section K. Otherwise, respondents represented a mix of demographic characteristics such as gender, age, education, and race.

Demographic Characteristics of Round 1 Respondents

ID	Gender	Age Group	Cigarette Smoker Type	Other Tobacco Use	Education	Work Outside Home?	Race
R1	Male	30-50	Some-days	Cigars	Associate’s	Yes	Black
R2	Male	30-50	Every-day	NA	Some college	Yes	White
R3	Female	18-29	Former	NA	College grad	Yes	Asian
R4	Male	18-29	Never smoked (Reported some days when screened)	Cigars	Some college	Yes	Black
R5	Female	51-65	Every-day	Cigars	Master’s	Yes	White
R6	Male	30-50	Every-day (Reported some days when screened)	Snuff	College grad	Yes	Hispanic
R7	Female	30-50	Every-day	NA	HS grad	Yes	Hispanic
R8	Male	18-29	Former	NA	College grad	Yes	White
R9	Male	30-50	Former	NA	Some college	Yes	Hispanic

Testing Plan

Given that the TUS-CPS instrument has been in existence for almost two decades and that many of the items have been thoroughly tested, the majority of items included in this round of cognitive testing are revised from the previous version or new to the 2010 version. Revised items we tested included those about the number of times respondents have quit smoking, other tobacco products respondents use, and where respondents work. The new items asked about:

- When respondents first smoked all or part of a cigarette;
- What state or country respondents lived in when they first started smoking;
- Other places respondents bought cigarettes (such as at a military exchange or on an Indian reservation);
- Total number of years respondents smoked every day, and how much they smoked during the period they smoked the most/longest;
- The length of time respondents quit the last time they tried to quit;
- Methods for quitting (selected sub-items in Sections E and F); and
- Whether smoking should be allowed inside a car and under what conditions.

We also included a small number of existing items in the cognitive testing, such as A2, which asks when respondents started smoking fairly regularly and B6a/C6a, which asks whether respondents usually buy their own cigarettes.

All respondents were interviewed using a cognitive testing procedure called concurrent verbal probing. This is an interactive technique where the interviewer asks the survey question, the respondent answers, and the interviewer immediately follows up with specific questions relevant to that item or to the answer given by the respondent. In preparation for this interview technique, we spent a considerable amount of time converting the TUS CATI specifications to a document that could more easily be administered with paper-and-pencil by the cognitive interviewers.

Aside from the cognitive testing, we also conducted a series of mock interviews so as to test the length of time to administer the 2010 TUS-CPS. A report of the timing results is included in Attachment 1.

Summary of Recommendations

- Respondents were unable to explain clearly what they heard in the introductory text, and interviewers reported difficulty reading the text, as it is written. We recommend that the introduction be made shorter and that sentences be more concise.
- Revise A2b to eliminate the potentially confusing word “first” so that the item reads, “In what state or country were you living when you started smoking fairly regularly?”
- In Section B, there is a small series of questions (B1, B1.b, B1.c.) that appears to apply to some day smokers, not everyday smokers. If these questions are intended to double-check the smoking frequency of the respondent, consider shortening the sequence. If no double-check is intended, we recommend that those questions be deleted.
- The question about purchasing cigarettes on an Indian reservation raised eyebrows among our respondents, but they had no difficulty understanding what we meant by “Indian reservation. If NCI intends to eliminate this question from select survey regions, those regions should be very carefully assessed. Since respondents had no difficulty understanding the intent of the question, we recommend leaving the question as is since it did not appear to create any undue respondent burden.
- Use B7NEW2 to ask about the age at which respondents first started smoking every day.
- Use B7dalt to ask about the total number of years respondents smoked every day. However, we suggest testing the original and alternate in an additional round of interviews.

- B7a and related questions – asking respondents to indicate the number of cigarettes they smoked when they “smoked the most” – proved problematic for respondents who had more than one period of increased smoking activity. As well, some respondents interpreted the question as asking about increased activity throughout one day rather than over the course of their entire smoking history. We recommend revising and testing these items again.
- Use the original response option that asks about Zyban, Bupropion and Wellbutrin in E1a.
- Consider adding items in Section F that ask whether respondents’ doctors/dentists are aware that they smoke.
- Not all respondents initially thought of a hookah when they answered the question about using a “pipe filled with tobacco.” In one instance, a respondent had quit smoking cigarettes five years earlier, but continued to use a hookah. Only after we had moved on to other questions did she go back and consider hookah smoking for that category. We recommend specifying hookah, sheesha, or similar “pipes filled with tobacco” to capture the reported trends in young adults’ smoking behaviors.
- Item K1 is long and cumbersome for many respondents. The proposed alternates do not appear to alleviate the problem. We suggest rewording the entire item such that it is broken up into shorter questions that serve as gates to items that ask about additional detail if needed.
- Consider rewording K3c to include smoking “near” (not just “in”) respondents work area.
- We recommend a shift in the words that are emphasized in the K4 response options and smoothing out the transition from question text to response options in K6b and K6c.

Item-by-item Results

This section presents results for the individual items that were tested during Round 1. Each tested item is listed, followed by a description of the results and our recommendation for revisions. Included in this section are a few items for which no cognitive probes were developed, but with which some respondents had trouble.

INTRODUCTION

NCI requested that Westat test the introductory text for listener comprehension and for perceptions of the survey that the respondent was about to answer. Of particular interest was whether or not respondents would express an interest in moving forward with the survey questions, based on what they heard in the introduction. Interviewers read the introduction to respondents, and then probed, as indicated below.

“This month we would also like to ask about your thoughts and experiences concerning tobacco use. I need to ask each individual, age 18 years old and older, these questions.

The information you give is important. Answers to the tobacco use questions will be used by the National Cancer Institute, the Centers for Disease Control and Prevention, other researchers, national, state, and local public health officials, and others to measure changes in America’s use of tobacco products, work place policies, medical doctor and dentist advice, and opinions towards tobacco use. It will also be used to create new or modify existing policies and services.”

Comprehension

In general, respondents reported having difficulty concentrating on the Introduction. They described the section as “verbose,” “too wordy,” or “you read it too fast.” One individual confessed that he “tuned out in the middle of it” and another said he “phased out” when trying to concentrate on the information.

Efforts by respondents to paraphrase the text of the introduction were difficult to assess. Most responses were very general, such as:

- The sponsors “are doing research for tobacco users.”
- “It’s giving me an overview of the survey; it’s about tobacco use of Americans.”
- “It’s basically to gather information from people who have knowledge especially about tobacco or cigarettes. It’s looking for trends or patterns in cigarette use among certain ages or demographics.”

Interviewers had difficulty determining if respondents were actually paraphrasing what they heard, or if they were describing what they *believed* the survey to be about based on their experiences with the screening phone call, the reading of the cognitive interview informed consent text, and perhaps their own ideas about what the survey *should* involve. For example, one respondent added that “NIH” was one of the sponsors. However, NIH was not mentioned in the screener, the informed consent process, or in the text of the introduction itself.

Perceptions

Respondent perceptions of the survey they were about to take were similarly vague:

- “It’s important.”
- “It’s a positive survey, and well needed.”
- The survey is “trying to research something good for the future.”
- “It’s extremely professional.”

So general were these statements that we found it difficult to assess whether the introduction had any motivating impact on our respondents. This, coupled with the selection bias of the respondents (all volunteered to help us test the survey), makes these results inconclusive, at best.

Interview Comments

Interviewers also indicated that the introduction as it is currently written is difficult to read. The second sentence of the second paragraph, for example, makes up almost the entire second paragraph. Interviewers reported significant difficulty finding natural break points in that sentence where they could emphasize key concepts or ideas.

Recommendation: Create an introductory text that conveys adequate information to cover the fundamentals of the survey, but that is brief and relative easy for auditory processing (since this text is the gateway to getting telephone responders to agree to participate in the survey). One approach to revision is provided below.

“This month we would also like to ask about your thoughts and experiences concerning tobacco use. I need to ask each individual, age 18 years old and older, these questions.

Your answers to the tobacco use questions are very important. The National Cancer Institute, the Centers for Disease Control and Prevention, and other researchers, will use the information you give to measure changes in tobacco use and to help with policy-making.”

SECTION A – SCREENING QUESTIONS (n = 9)

A2. “How old were you when you first started smoking cigarettes fairly regularly?”

We received an array of definitions for “fairly regularly”, including the following:

- “Some sort of pattern...at least an average of one a day”
- At least a couple of cigarettes a day
- When I started buying [cigarettes] regularly

Those differences notwithstanding, none of the respondents had difficulty providing a definition of this term, suggesting that despite its idiosyncratic nature, “fairly regularly” is viewed by respondents as markedly different from “when I first tried a cigarette” or similar constructs.

Recommendation: Leave as is.

A2b. *“In what state or country did you live when you first started to smoke cigarettes fairly regularly?”*

No respondents had difficulty providing a ready answer to this question. Common answers were, “It’s where I went to college, and I started smoking regularly in college,” or “I was living in Maryland at the time.”

One possible complication to this question is that it combines “first started smoking” and “fairly regularly” – it was not clear from the responses we received if our volunteers were considering where they were living when they “first started smoking,” “started smoking fairly regularly,” or if, in fact, the two locales were the same.

Recommendation: Remove “first” from the sentence and make the wording more consistent with A2 so that it reads, “In what state or country were you living in when you started smoking fairly regularly?”

SECTION B – EVERYDAY SMOKER (n = 3)

SECTION C – SOMEDAY SMOKER (n=2)

SECTION H (n=3)

B1. *“On average, how many cigarettes do you now smoke each day?”*

Respondents reported no problems with the above question per se, but with subsequent questions in the skip patterns. Respondents who offered a quantitative answer to question B1 skipped to question **B1.b.**, which asks, “*On how many of the past 30 days did you smoke cigarettes?*” This question appears misplaced, since the series is being asked of respondents who have established themselves as everyday smokers.

B1.c., which follows from B1.b., is equally confusing: “*On the average, on those [B1b] days that you smoked, how many cigarettes did you smoke each day?*” Again, respondents have already established themselves as every day smokers, thus this question appears inappropriately placed within this series.

Recommendation: Review the skip patterns for these questions in the B section. They appear more appropriate for Section C respondents (someday smokers), but there may be situations when they would apply to B respondents.

BA6a / CA6a. *“Do you usually BUY your own cigarettes?”*

Respondents indicated that they do indeed purchase their cigarettes. One someday respondent, however, noted that he does “bum” cigarettes on occasion. There were no evident problems with respondents understanding this question or its intent.

Recommendation: Leave as is.

B6d1 / C6d1 to B6dOTHR / C6dOTHR – This series of questions asks where the respondent purchased his/her last pack of cigarettes. The series begins with “state of residence” or “some other state”, moves on to the “Indian reservation/military exchange,” and then asks if the respondent obtained cigarettes in some “other way.” Included in this “other way” are responses for a foreign country/duty-free shop, Indian reservation, mail order, military exchange, or yet some other way.

Flow of series – There were no explicit difficulties for respondents with the “flow” of these items. In general, they answered that they had purchased their last pack in their “state of residence.” The questions B6d3 / C6d3 (Indian reservation/military exchange) generally elicited bemused looks from our respondents, but no one expressed any challenges with understanding the intent of the question. For example, when asked to elaborate upon his answers for this series, one respondent said, “You’re asking me if I bought my cigarettes in a rural area, somewhere away from the city.” This response suggests that “Indian reservation” perhaps stood out more starkly than “military exchange,” but the respondent expressed no overwhelming confusion with the question.

None of the respondents skipped into the OTHER pathway.

Recommendation: The “Indian reservation” option was clearly out-of-category for this set of respondents, all of whom live in the greater Washington, DC area. NCI might still consider programming the telephone survey to skip this option for respondents in large urban centers in the Northeast. However, in most other areas of the country, reservations are much more commonplace. For example, the Cherokee Reservation is in the North Carolina/Tennessee mountains, but easily accessible to Asheville, Johnson City, Knoxville and surrounding areas. Throughout the Midwest, reservations dot the landscape, such that even Chicago residents could easily visit one. Given how broadly scattered Indian reservations are around the country, and in light of these test respondents at least understanding what we were asking, we would recommend that NCI not selectively program the telephone survey.

B6e1 / C6e1. *“In the last two months, have you bought any single or individual cigarettes?”*

Respondents did not express any confusion about the intent of the question, although their responses were informative. One respondent believed that purchasing “loosies” was “a thing of the past.” Another someday smoker said that loosies are sold in her home country of Guatemala, but did not believe cigarettes were sold that way here in the United States. One respondent, however, did sometimes purchase his cigarettes in this fashion. He reportedly lives in Maryland and works in the District, where he said there are “usually certain gas stations like on Georgia Avenue... [outside of which] there’s always somebody who’s selling cigarettes at a discount or selling single cigarettes.” He said they charge 50 cents for one cigarette, \$1 for 3 cigarettes or sell a pack of cigarettes for about \$1.00 less than “whatever the going price is.”

Recommendation: Leave as is.

B7NEW1 / C7NEW1 / H7NEW1 (no H respondents received this question) *“Earlier you said that you started to smoke cigarettes fairly regularly at age [AGE FROM A2]. Was this also the age you first started to smoke cigarettes every day?”*

B7NEW2 / C7NEW2. *“At what age did you first start to smoke cigarettes every day?”*

Respondents did not have trouble answering either form of the question, as indicated below:

- A respondent who said “no” to B7NEW1: “I don’t think I smoked every day when I was 18 – that’s just when I started. I would have them [cigarettes] socially, like when I was out at the bars...” This respondent then answered B7NEW2 as “24 years old.” “When I got into the workforce...well, it was after I graduated from school...so I must have been 24, I think.”
- A respondent who said, “yes” to C7NEW1 said he had smoked before that time, in college, but age 28 was when he first started buying his own packs and was ‘smoking just to be smoking,’ as opposed to smoking to impress someone or look cool (as he did in college).

Recommendation: Use B7NEW2 / C7NEW2 instead. It is shorter and cleaner. Specifically, it does not bias the respondent’s answer as B7NEW1 / C7NEW1 / H7NEW1 does by stating the age within the question.

B7d / C7d / H5 (no H respondents received this question) “What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for six months or longer.”

- *Open response*
- *None or less than 1 year*
- *Don’t know*
- *Refused*

B7dalt / C7dalt / H5alt (no H respondents received this question) “What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for six months or longer.”

- *ALL or NEARLY ALL the years/time I have been smoking*
- *MIOST of the years/time I have been smoking*
- *HALF of the years/time I have been smoking*
- *LESS than HALF of the years/time I have been smoking*
- *NONE OR LESS THAN 1 YEAR*

Respondents were asked both B/C7d and the alternate version and then asked to say which of the two they preferred. Three of the four respondents who got this series preferred the alternate version; one preferred the first version “because it was shorter.” Of some concern, however, is that one respondent offered a quantitative (7d) response and a qualitative (alt) response that were not commensurate. That is, he indicated that over the 21 years he had been smoking, he smoked every day for only four of those years. In the qualitative alternative version, however, he indicated that he had smoked every day for “MOST of the years that I have been smoking.” The interviewer was clear that the quantitative answer was most accurate because this respondent had gone to great lengths to explain how he knew which four years he had been an everyday smoker and why. More importantly, despite the indication that his qualitative response was incorrect, this respondent preferred the alternate version.

Recommendation: If no additional rounds of cognitive testing are planned, we recommend that NCI use the alternate version (which appears to be less burdensome on the respondent). Given the small number of respondents that we had for these questions, however, and the apparent confusion, we would prefer to conduct an additional round of testing with 7d and its alternate version.

B7a / C7c/e-2 / H4b/5b-alt#1 (n = 2) “During the period you smoked the MOST, how many cigarettes did you smoke each day?”

This question presented respondents with several difficulties. One individual interpreted the timeframe component of the question as asking “WHEN DO YOU smoke the most?” and he responded, “After

work, between four or five in the evening.” Attempts by the interviewer to redirect towards a more longitudinal timeframe were unsuccessful. Another respondent did understand the extended timeframe component of the question, but indicated that there has been no single period when she has smoked the most; instead, she noted that there are “stressful times” in her life when she smokes more than “usual.” She was unable to settle on just one time period, but talked about the stressors/triggers that might prompt her to smoke more than she would under less stressful circumstances. Another respondent also pointed to a stressful period, but was able to delineate it as one, four-year period when he was taking care of his ailing mother.

Recommendation: This question presents a couple of challenges: first, the wording may be problematic for some respondents who fail to hear the implied longitudinal component to the time period. Secondly, respondents may not have just one period of increased smoking activity and thus may have difficulty providing a clear answer to this question.

We suggest revising the items as below and testing the revision in a second round of interviews.

- “Has there ever been *at least one* prolonged period in your life when you smoked more cigarettes per day than you do now?”
 - If YES – “During that time or times, on average, how many cigarettes did you smoke each day?”

SECTION D – QUIT ATTEMPTS

Five respondents received a sequence of the following questions:

D1R. “*During the past twelve months, have you stopped smoking for one day or longer because you were trying to quit smoking?*”

D2R. “*Have you ever stopped smoking for one day or longer because you were trying to quit smoking?*”

D3. “*How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking?*”

D4. “*The last time you stopped smoking during the past 12 months because you were trying to quit, how long did you stop for?*”

D7R. “*During the past 12 months, have you made a serious attempt to stop smoking because you were trying to quit – even if you stopped for less than a day?*”

D8R. “*Have you ever made a serious attempt to stop smoking because you were trying to quit –even if you stopped for less than a day?*”

Four of the five respondents reported no difficulties with the questions they were asked. One respondent, however, who received question **D3**, indicated that he had some difficulties coming up with a response because “It’s happened so many times that it’s hard to come up with an answer.” He reported “averaging” and responded, “3 or 4.”

Additionally, one respondent interpreted D1R and D7R to be asking the same question (even though the former asks about “one day or longer” and the latter asks about “even less than a day”).

Recommendation: The questions were generally reported to be straightforward, although there was some difficulty for one respondent in recognizing the timeframe of the quit attempt. We suggest that interviewers emphasize the timeframe (“one day or longer” or other) while reading the question to reinforce the parameters of the quit attempt for the telephone respondent.

**SECTION E – METHODS USED DURING PAST QUIT ATTEMPTS (n=3)
And SECTION H (where questions are parallel) (n=2)**

E1a / H6D. *“Thinking back to the last time you tried to quit smoking in the past 12 months, did you use any of the following products?”*

- *A nicotine gum or nicotine lozenge*
- *A nicotine patch*
- *A nicotine nasal spray or nicotine inhaler*
- *A prescription pill called Chantix or Varenicline*
- *A prescription pill called Zyban, Bupropion, or Wellbutrin?”*

E1a@7b – alt2 / H6D7b. *“Thinking back to the last time you tried to quit smoking in the last 12 months, did you use a prescription pill other than Chantix or Varenicline, such as Zyban, Bupropion or Wellbutrin?”*

Out of five respondents, 2 had no preference and 3 preferred the first version (where the five types of prescription pills are divided into two separate questions). One of the “no preference” respondents said he was unable to indicate a preference because he had never heard of any of the prescription pills included in the questions.

Recommendation: Retain the format used in E1a. One advantage of this version is that, unlike the alternative, it does not mention products that are not actually being asked about (i.e., “other than Chantix or Varenicline”).

E1b / H6E. *“Thinking back to the last time you tried to quit smoking in the past 12 months, did you use any of the following:*

- *A telephone help line or quit line*
- *A stop smoking clinic, class, support group, or one-on-one counseling*
- *Help or support from friends or family”*

Respondents had no difficulty with responding to the items in E1b, and were able to accurately identify the types of “external supports” about which this item was asking.

Recommendation: Leave as is.

E1c / H6F. *“The last time you tried to quit smoking in the past 12 months, did you do any of the following:*

- *Try to quit by gradually cutting back on cigarettes*
- *Try to quit by switching to chewing tobacco or snuff*
- *Try to quit by switching to cigars or pipes*
- *Did you switch to a ‘lighter’ cigarette in order to TRY TO QUIT*
- *Did you try to give up cigarettes all at once?”*

For those who quit “all at once,”

E1c@4a / H6F@4a. “Would you say you tried to quit ‘cold turkey’ or in some other way?”

IF “cold turkey,” “Please tell me in your own words, what is this question asking.”

If “some other way” skip to:

E2 / H6G. “The last time you tried to quit smoking in the past 12 months did you use any other products or treatments?”

If YES - “What were these other products or treatments?”

Respondents had no difficulty understanding what was being asked of them in each of the above questions. Probes on the meaning of “cold turkey” yielded correct answers without hesitation by respondents. One respondent did express some irritation at being asked E2, however, since the path to that question is answering E1c@4 – “some other way.” He said, “I already told you other.”

Recommendation: If respondent answers “Other way” in question E1c@4, skip E2 and ask, “What other way did you use?”

SECTION F – DOCTOR/DENTIST ADVICE TO STOP SMOKING (*n*=5) SECTION H (where parallel – *n*=2)

7 respondents received the questions in Section F (or equivalent questions in SECTION H). Two respondents reported challenges to these questions:

First, one current smoker indicated that she has never admitted to her doctor that she smokes and therefore s/he has given the respondent no advice.

Recommendation: Be aware that a “no” response to F1b or F2b could mean that the doctor/dentist did not provide the advice because they did not know the patient smoked. If it is important to capture this information, consider adding a gateway question after “yes” responses to F1a/F1b (“In the past 12 months have you seen a medical doctor/dentist?”) that asks, “Is your doctor/dentist aware that you smoke?” The question series can then continue as written. If respondents answer “no” to these gateway questions, then they can skip out of the remainder of that section.

A Section H respondent who received the equivalent to F1a (H6.1a), interpreted the question as asking him specifically if he had seen a physician in the past 12 months to ask about smoking cessation. When asked what prompted him to interpret the question that way, he said it was inferred by the previous series of questions (in Section H, these preceding questions are on quit attempts and techniques), which were then coupled with the way that question is asked in H (“In the past 12 months before you completely quit smoking, did you see a medical doctor?”). When the question was re-read, he said, “Oh, I see the answer is simpler than what I thought.”

Recommendation: Consider taking a more direct approach to the physician/dentist questions for former smokers by deleting H6.1a and asking only H6.1b: “During the 12 months before you completely quit smoking, did any medical doctor advise you to stop smoking?”

SECTION J – OTHER TOBACCO USE (n=9)

J1a. *“Have you ever used any of the following even one time?”*

- *A regular cigar or cigarillo, or a little filtered cigar*
- *A pipe filled with tobacco”*

Respondents had no apparent difficulties identifying these items and answering the questions. At least two respondents, however, indicated that “A pipe filled with tobacco” prompted them to think about “a corn cob pipe,” **not** a *hookah* (or *sheesha*). Both noted that hookah bars have become very popular among the young adult crowd; indeed, one respondent – who quit smoking cigarettes five years ago, partly due to the death of her child from a pulmonary disease – indicated that she and her husband both smoke hookahs. In fact, she had purchased a special hookah for him as a gift.

Recommendation: Change the wording of the second item to read, “A pipe filled with tobacco, which includes a hookah, sheesha, or similar.”

J1a. *“Have you ever used any of the following even one time?”*

- *Snuff or dip...*
- *Chewing tobacco, twist, plug, or scrap...”*

Respondents reported no difficulties understanding what was meant by each of these items.

Recommendation: Leave as is.

J2a. *Do you now smoke/use [item/s from J1a] every day, some days, or not at all?*

Respondents did not have any difficulty answering this question, and the response categories seemed to capture their experiences, as in the following examples:

- One respondent who quit smoking one year ago answered, “Not at all.” He said that although he had used these other tobacco products in the past, he no longer uses any of them.
- Another respondent who had tried a cigar in the past responded, “Not at all.” He explained his answer: “I just don’t like cigars. The smoke is extremely heavy. Whatever it comes into contact with it putrifies.”
- A third individual who had smoked cigars on occasion in the past also responded, “Not at all.” He qualified his response, however: “It’s possible that I could smoke a cigar in the next year, although it’s not something I plan on doing.”
- Another “not at all” respondent said, “It’s not something I do every day. I mean, only occasionally in my lifetime have I been offered these things. I may have taken a couple of puffs and been like, ‘Eewww.’ It’s just not something I do or enjoy.”

Recommendation: Leave as is.

J2b. *On how many of the past 30 days did you smoke/use [item/s from J1a]?*

Only one respondent appeared to have used another tobacco product within the past 30 days. She had no difficulty answering the above question.

- The respondent indicated that she smokes hookahs “some days” and indicated that in the past 30 days, she has used this tobacco product “2 times.” She explained, “We smoke at get-togethers we’ve had in the past month at friends’ houses. The Super Bowl was one of those times.”

Recommendation: Leave as is.

SECTION K: WORKPLACE AND HOME BANS – ALL RESPONDENTS

Although all respondents reported at screening that they work, during the interview two respondents revealed they had recently been laid off. For most Section K items they answered for their place of work. For some, they were unable to answer at all.

K1. “Which of these best describes the area in which you work *MOST* of the time?”

(1) *Mainly work indoors including a home, warehouse or other large semi-structured area; [SKIP TO K1b]*

ALTERNATE

K(1a) Mainly work indoors including a home;

K(1b) Mainly work indoors including a warehouse or garage or other similar large semi-structured area

(2) *Mainly work outdoors; [SKIP TO K3d]*

(3) *Work ½ indoors and ½ outdoors; [SKIP TO K1b]*

(4) *Travel to different buildings or sites; [SKIP TO K3d]*

(5) *In a motor vehicle including a bus; [SKIP TO K3d]*

(6) *In a train, boat, airplane or underground (includes a mine); or [SKIP TO K3d]*

ALTERNATE #1

(6a) In a subway, train, boat, or airplane;

(6b) In a mine

ALTERNATE #2

(5) In any form of transportation on, above or below the ground or water

(6) In a mine or otherwise underground

(7) *Somewhere else? (Specify) _____ [SKIP TO K1c]*

(V) *VARIES (DO NOT READ) [SKIP TO K4]*

Interviewers first read the original list of response options and solicited an answer from respondents before presenting the alternate text for response options 1 and 5/6. The length of this item posed a problem for several respondents, as did the response option wordings. Respondents also had a great deal of difficulty completing the task of choosing among the alternates. They frequently requested clarification as to which items they were being asked to compare, asked for response versions to be repeated several times, and had trouble differentiating between response versions.

Original version too long. One respondent described the question as “too top heavy... it seems like the question is trying to cover too many things.” She further described it as cumbersome to listen to, and that she would have preferred to skip it altogether. Another respondent could not remember which response option fit his particular work situation. Instead of answering with one of the preset options, he simply described where he worked, expecting the interviewer to categorize it appropriately.

Lack of fit between response option and respondent work setting. A respondent who works as a caterer spends most of his time indoors but travels from one site to another over the course of his workday. This

respondent felt response options 1, 4 and 5 all fit his situation. A respondent who works in an office building choose option 7 rather than option 1, saying “I just work in an office building.”

Alternate text for response option 1. Four respondents reported a preference for the alternate response option.

- One respondent felt the question is simpler to answer when separated into two items. The original phrasing “kind of jumbles it all together and you have to scramble to think about it.”
- “It’s [alternate version] just easier to answer. It doesn’t seem like it’s trying to encompass too much like the first version.”
- “Since I work in an office with cubicles, I like the second version better. The first doesn’t seem to include that category.”

Two respondents reported a preference for the original version, with one saying, “the first one is more specific. The second has too many options.” One respondent had no preference.

Alternate text for response options 5 and 6. Five respondents preferred the first alternate, many because they felt it was more specific. They liked hearing examples of the different transportation modes. One commented that “It’s very simple and clear, you don’t want to confuse anyone... interviewees don’t want to stay on the phone playing guessing games as to what you mean.” And another, comparing two alternate texts, thought the second alternate was “a little confusing. ‘On,’ ‘below,’ ‘above’ – if you’re below water, you’re in a submarine!”

Two respondent preferred the second alternate. One felt the second version was better at focusing people on the occupation rather than the individual vehicles. The other said, “Transportation says enough, there’s no need to list it off...”

One respondent preferred the original wording of the two response options, asserting that “People don’t normally think about underwater, being underground, or above water.”

One respondent who at the beginning (before being presented with the alternates) felt the item was too long again expressed frustration. She said there are too many response options and too much information being asked about. She suggested separating the item into a series of yes/no questions such as:

- “Do you work indoors or outdoors?”
- “Do you work above ground or below?”
- “Is transportation involved in your work?”

Recommendation: Item K1 is long and cumbersome. The proposed alternates add to its length. Consider revising the item to a series of gate questions that seek more detail depending on respondents’ answers. For example:

“Do you work indoors most of the time, outdoors most of the time, or about half and half?”

“Do you stay in one place or travel around for your work?”

If indoors and stay in one place, “Do you work in (a) an office building, (b) your own home or someone else’s home, (c) a warehouse or other large semi-structured area, (d) or some other indoor place?”

If travel around, “Do you work on some form of transportation?” IF NEEDED, Such as a bus, train, boat or airplane.

IF NO TO ALL OF THE ABOVE, Please describe where you work. (Can capture “mine” answers here.)

K1c. *“In which State (including DC), do you work on your main job or business?”*

All but one respondent answered this item with no problems. That respondent, the caterer from K1, found it difficult to answer because he travels in Maryland, Washington DC, and Virginia for his job.

Recommendation: Leave as is. It is unclear how much of an issue this situation will be when the survey is conducted nationwide. It may be useful to include help text that asks respondents to think about the location of the company they work for. So, for example, this respondent would have been asked in which state the catering company he works out of is located.

K2a. *“Does your place of work have an official policy that restricts smoking in any way?”*

Seven respondents received this question and all answered “yes.” We followed up the question by asking for more detail about the source of the policy, whether the company or state/local laws. Four respondents said “both,” one said her company and two were unsure. Of the four, one pointed out that her company would have such policies even without a legal mandate because they would with many potential dangerous chemicals. Two others felt their companies were forced to follow the state and local laws. The remaining three all attributed the existence of the company no smoking policy to the type of work that is done in the building (a doctor’s office in one case, a lab in another).

Recommendation: Leave as is. If NCI is interested in the source of the policy, add an item that asks about that but keep in mind that even respondents who appear sure of their answers may not be reporting accurately.

K3b. *“Which of these best describes your place of work's smoking policy for WORK AREAS?”*

Respondents described different types of work settings at their places of employment (e.g., office, loading dock, outside landscaping), for each of which there may be different smoking policies. Some had trouble deciding for which of these work areas they should answer the question.

Recommendation: Because we did not probe specifically or consistently on the phrase “work area” in this round, we suggest testing it again in the next round.

K3c. *“During the PAST TWO WEEKS, has anyone smoked in the area in which you work?”*

Most respondents reported they had never seen smoking indoors at their workplace. In fact, several pointed out that smokers leave the building to take cigarette breaks. One respondent, however, explained that her office is near a loading dock where her co-workers often take cigarette breaks. While the loading dock is not the area where she herself works, she often smells cigarette smoke wafting into her office. Given that she is regularly exposed to that smell, she was unsure how to answer the question.

Recommendation: If NCI is interested in capturing the kinds of indirect exposure described in the loading dock example, consider rewording the item to read, “During the past two weeks, has anyone smoked in or near the area in which you work?”

K4. “Which statement best describes the rules about smoking *INSIDE YOUR HOME*?”

- (1) No one is allowed to smoke anywhere *INSIDE YOUR HOME*
- (2) Smoking is allowed in some places or at some times *INSIDE YOUR HOME*
- (3) Smoking is permitted anywhere *INSIDE YOUR HOME*

Respondents did not have trouble with this item. However, interviewers pointed out that the emphasis in the response options is misplaced.

Recommendation: In the response options, move the emphasis from “inside your home” to the frequency words “anywhere,” “some places, sometimes,” and “anywhere.”

K6B. “Do you *THINK* that smoking *SHOULD* be allowed inside a car?”

- (1) Always allowed?
- (2) Allowed under some conditions?
- (3) Never allowed?

K6C. “*IF* children are present inside the car do you think that smoking *SHOULD* be allowed?”

- (1) Always allowed?
- (2) Allowed under some conditions?
- (3) Never allowed?

Respondents had no difficulty with these items. However, interviewers noted an awkward transition from the question stems to the response options.

Recommendation: Add a transition phrase between the question stem and the response options such as “Would you say...” or “Smoking should...” (If using the latter, add the word “be” in the appropriate place for each response option.)

2010-2011 Tobacco Use Supplement to the Current Population Survey FOR COGNITIVE TESTING

INTRO

Thank you for agreeing to help us out today. I appreciate you taking the time to meet with us. My name is _____ and I work here at Westat, a survey research. Let me give you a little background information about what we'll be doing. Westat has been asked by the National Cancer Institute, or NCI, to work on the Tobacco Use Survey. This is a nationwide survey that measures people's use of and opinions about tobacco. Survey results are used by government and university researchers to evaluate programs designed to help people quit, as well as for other tobacco-related research.

NCI and Westat want to make sure that people understand and can easily answer the questions on the Tobacco Use Survey. That's where we'd like your help. Today we're going to ask you some of the survey questions, and at the same time find out from you what's confusing, difficult to understand, or in any way hard to answer. The way I'll do that is by asking you questions such as what a particular word or phrase means to you, or how you decided on your answers. There are no right or wrong answers to these questions. But what you tell us will help us improve the survey. When the questions are easy for people to understand and answer, then the survey results are more valid.

INFORMED CONSENT

Before we get started there are a few things I need to share with you. This is a research project, and your participation is voluntary. If you prefer not to answer any question, just tell me and I'll go on to the next one.

We will keep all your answers confidential. We will not use your name in any reports to NCI. The interview will take about 1 hour and we'll pay you \$75 when it's finished as a way of thanking you for helping us out.

If it's OK with you, I'd like to record our interview so that I don't have to take a lot of detailed notes while we're talking and can still get an accurate record of what you tell me. Only project staff will have access to the recording (it will be stored on a secure network drive) and we'll destroy the recording when our project is finished. Is that okay with you?

[IF OBSERVERS ARE PRESENT] Finally, some of the researchers developing the questions are here today observing our interview to learn if there are things that might need to be changed.

[HAND CONSENT FORM TO RESPONDENT] This form summarizes the things I just told you about your rights as a participant in this interview. Please read it over and sign it if you agree with what it says.

Today is _____. Now that the recorder is running, let me ask again: is it okay with you if I record this interview?

INTRO TO THE TOBACCO USE SURVEY

Before I ask you any of the Tobacco Use Survey questions, I'm going to read you the introduction to the survey. If you were an actual respondent to the survey, you would get a phone call from an interviewer who would say the following to you.

This month we would also like to ask about your thoughts and experiences concerning tobacco use. I need to ask each individual, age 18 years old and older, these questions.

The information you give is important. Answers to the tobacco use questions will be used by the National Cancer Institute, the Centers for Disease Control and Prevention, other researchers, national, state, and local public health officials, and others to measure changes in America's use of tobacco products, work place policies, medical doctor and dentist advice, and opinions towards tobacco use. It will also be used to create new or modify existing policies and services.

Please tell me in your own words what this introduction is saying.

From this explanation, what impression do you get of the survey?

ASK R WHAT STATE HE/SHE LIVES IN

SECTION A. SCREENING FOR EVER/EVERYDAY/SOMEDAY SMOKING

A1 Have you smoked at least 100 cigarettes in your entire life?

[INTERVIEWER NOTE: 100 CIGARETTES = APPROXIMATELY 5 PACKS]

- YES

- NO [SKIP TO SECTION J]
- DON'T KNOW [SKIP TO SECTION J]
- REFUSED [SKIP TO SECTION J]

A2 How old were you when you first started smoking cigarettes FAIRLY REGULARLY?

ENTER AGE: _____ [SKIP TO A2b]

- NEVER SMOKED REGULARLY

- DON'T KNOW [SKIP TO A3]
- REFUSED [SKIP TO A3]

What does "fairly regularly" mean to you?

A2a You said that you never smoked regularly. How old were you the first time you smoked part or all of a cigarette?

ENTER AGE: _____ [SKIP TO A3]

- DON'T KNOW [SKIP TO A3]
- REFUSED [SKIP TO A3]

How did you come up with your answer?

A2b In what state or country did you live when you first began to smoke cigarettes fairly regularly?

How did you come up with your answer?

A3 Do you now smoke cigarettes every day, some days, or not at all?

- EVERY DAY [SECTION B]
- SOME DAYS [SKIP TO SECTION C]
- NOT AT ALL [SKIP TO SECTION H]
- DON'T KNOW [SKIP TO SECTION J]
- REFUSED [SKIP TO SECTION J]

SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES

B1 On the average, about how many cigarettes do you now smoke each day?

_____ [SKIP TO B1b]

- DON'T KNOW
- REFUSED

For about how long have you smoked this amount?

B1a Would you say that, on average, you now smoke more or less than 20 cigarettes each day?

- MORE
- LESS
- ABOUT 20
- DON'T KNOW
- REFUSED

B1b On how many of the past 30 days did you smoke cigarettes?

_____ [SKIP TO B1c]

- DON'T KNOW
- REFUSED

B1i Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?

- YES
- NO
- DON'T KNOW
- REFUSED

B1c On the average, on those [B1b] days, how many cigarettes did you usually smoke each day?

- DON'T KNOW
- REFUSED

B2 Is your usual cigarette brand menthol or non-menthol?

- MENTHOL
- NON-MENTHOL
- NO USUAL TYPE
- DON'T KNOW
- REFUSED

B5a How soon after you wake up do you typically smoke your first cigarette of the day?

- _____ MINUTES
 - _____ HOURS
- } [SKIP TO BA6a]
- DON'T KNOW
 - REFUSED

B5b Would you say you smoke your first cigarette of the day within the first 30 minutes?

- YES
- NO
- VARIES
- DON'T KNOW
- REFUSED

BA6a Do you USUALLY BUY your own cigarettes?

- YES
- NO [SKIP TO B7]
- DON'T KNOW [SKIP TO B7]
- REFUSED [SKIP TO B7]

[IF YES AT BA6a]: Do you get your cigarettes any other way?

[IF YES TO PROBE]: Please tell me more about the other ways you get your cigarettes.

[IF NO AT BA6a]: Please tell me how you usually get your cigarettes.

B6a Do you USUALLY buy your cigarettes by the pack or by the carton?

- PACK
- CARTON [SKIP TO B6c]
- BOTH
- DON'T KNOW
- REFUSED

B6b What price did you pay for the LAST PACK of cigarettes you bought? Please report the cost after using discounts or coupons.

\$ ___ . ___ [SKIP TO B6d]

- DON'T KNOW [SKIP TO B6d]
- REFUSED [SKIP TO B6d]

B6c What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.

\$ _ _ . _ _

DON'T KNOW

REFUSED

[B6d1 - B6dOTHR]

[I'ER INSTRUCTIONS]: NOTE WHETHER FLOW OF "WHERE PURCHASED" ITEMS WORKS

B6d1 Did you buy your LAST (pack / carton / pack or carton) of cigarettes in [STATE OF RESIDENCE] or in some other state?

STATE OF RESIDENCE [SKIP TO B6d3]

SOME OTHER STATE (INCLUDING DC)

BOUGHT SOME OTHER WAY (INTERNET, ETC...) [SKIP TO B6dOTHR]

DON'T KNOW [SKIP TO B6e1]

REFUSED [SKIP TO B6e1]

B6d2 In what other state did you buy your (pack / carton / pack or carton) of cigarettes?

[I'ER INSTRUCTIONS]:

NOTE R REACTION TO BEING ASKED B6d3.

B6d3 Did you buy your LAST (pack / carton / pack or carton) of cigarettes

_____ (a) on an Indian reservation?

_____ (b) at a military exchange?

[SKIP TO B6e1]

Please tell me more about your answer.

[I'ER INSTRUCTIONS]:

NOTE R REACTION TO BEING ASKED B6dOTHR.

B6dOTHR Was the “Other Way” in which you purchased your LAST (pack / carton/ pack or carton) of cigarettes:

1. In a foreign country or a duty-free shop
2. From an Indian reservation (in person or ordered)
3. By mail-order (phone or internet)
4. Military exchange
5. SOME OTHER WAY _____

Please tell me more about your answer.

B6e1 In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?

[I'ER NOTE]: RESPONDENT MAY REFER TO IT AS A “LOOSIE” OR “LOOSE OUT OF THE PACK”

- YES
- NO [SKIP TO B7]
- DON'T KNOW [SKIP TO B7]
- REFUSED [SKIP TO B7]

[IF YES TO B6e1]: Please tell me more about your answer.

[IF NO TO B6e1]: Please tell me in your own words what this question is asking. [IF NEEDED]: In your mind, when someone buys their cigarettes this way, what are they getting?

B6e2 What price did you pay for the LAST “single or individual” cigarette you bought?

\$ __ . __ __

B6e31 Did you buy your LAST “single or individual” cigarette in [STATE OF RESIDENCE] or in some other state or other country?

- STATE OF RESIDENCE [SKIP TO B7]
- SOME OTHER STATE (INCLUDING DC)
- IN ANOTHER COUNTRY
- BOUGHT SOME OTHER WAY (INTERNET, ETC...) [SKIP TO B6e3SPC]
- DON'T KNOW [SKIP TO B7]
- REFUSED [SKIP TO B7]

B6e32 In what OTHER state/country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?

_____ [SKIP TO B7]

B6e3SPC SPECIFY the OTHER way in which last single cigarette was purchased.

B7NEW1 Earlier you said that you started to smoke cigarettes fairly regularly at age [AGE FROM A2]. Was this also the age you first started to smoke cigarettes every day?

- YES [SKIP TO B7]
- NO
- DON'T KNOW
- REFUSED

How did you come up with your answer?

B7NEW2 At what age did you first start to smoke cigarettes every day?

DON'T KNOW

REFUSED

How did you come up with your answer?

B7 What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

NONE OR LESS THAN ONE YEAR

DON'T KNOW [SKIP TO B8]

REFUSED [SKIP TO B8]

I have another way to ask this question which I'd like to try with you.

B7alt What is the total number of years you have smoked EVERY DAY?

- (1) All or nearly all the years I have been smoking
- (2) Most of the years/time I have been smoking
- (3) Half of the years/time I have been smoking
- (4) Less than half the years/time I have been smoking

- (5) NONE OR LESS THAN ONE YEAR

Which version do you prefer? Tell me what makes you say that.

B7a During the PERIOD you smoked the MOST, how many cigarettes did you smoke each day?

[I'ER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES.]

How did you come up with your answer?

For how long did you smoke that number of cigarettes?

Would you say you now smoke more or fewer cigarettes than when you smoked the most?

B8 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

- EVERY DAY
- SOME DAYS [SKIP TO B10a]
- NOT AT ALL [SKIP TO D1R] – [QUIT ATTEMPT SECTION]
- DON'T KNOW [SKIP TO D1R] [QUIT ATTEMPT SECTION]
- REFUSED [SKIP TO D1R] [QUIT ATTEMPT SECTION]

B9 Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

[I’ER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES]

_____ [SKIP TO D1R - QUIT ATTEMPT SECTION]

DON’T KNOW [SKIP TO D1R - QUIT ATTEMPT SECTION]

REFUSED [SKIP TO D1R] - QUIT ATTEMPT SECTION]

B10a Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?

NONE

DON’T KNOW

REFUSED

B10b On the average, on those [B10a VALUE OR “Days you smoked” if B10a = DK/R], how many cigarettes did you usually smoke each day?

[IF NECESSARY: WE ARE STILL TALKING ABOUT “AROUND THIS TIME 12 MONTHS AGO”]

[SKIP TO D1R - QUIT ATTEMPT SECTION]

SECTION C. SOME-DAY SMOKER SERIES

C1 On how many of the past 30 days did you smoke cigarettes?

_____ [SKIP TO C1a]

- DON'T KNOW
- REFUSED

C1i Would you say you smoked on **AT LEAST 12 DAYS** in the past 30 days?

- YES
- NO

C1a On the average, on those [C1] days, how many cigarettes did you usually smoke each day?

C2 Is your usual cigarette brand menthol or non-menthol?

- MENTHOL
- NON-MENTHOL
- NO USUAL TYPE
- DON'T KNOW
- REFUSED

C5a On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day?

_____ mins/hrs [SKIP TO CA6a]

- IT VARIES
- DON'T KNOW
- REFUSED

C5b On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes?

- YES
- NO
- IT VARIES

CA6a Do you USUALLY BUY your own cigarettes?

- YES
- NO [SKIP TO C7a]
- DON'T KNOW [SKIP TO C7a]
- REFUSED [SKIP TO C7a]

[IF YES AT CA6a]: Do you get your cigarettes any other way? IF YES TO PROBE, Please tell me more about the other ways you get your cigarettes.

[IF NO AT CA6a]: Please tell me how you usually get your cigarettes.

C6a Do you USUALLY BUY your cigarettes by the pack or by the carton?

- PACK
- CARTON [SKIP TO C6c]
- BUY BOTH PACKS AND CARTONS
- DON'T KNOW
- REFUSED

C6b What price did you pay for the LAST pack of cigarettes you bought? Please report the cost after using discounts or coupons.

\$ ____ . ____ [SKIP TO C6d]

- DON'T KNOW [SKIP TO C6d]
- REFUSED [SKIP TO C6d]

C6c What price did you pay for the LAST carton of cigarettes you bought? Please report the cost after using discounts or coupons.

\$ ____ . ____

- DON'T KNOW
- REFUSED

[I/ER INSTRUCTIONS]:

NOTE WHETHER FLOW OF "WHERE PURCHASED" ITEMS WORKS (C6d - C6dOTHR).

C6d1 Did you buy your LAST (pack / carton / pack or carton) of cigarettes in [R's STATE OF RESIDENCE] or in some other state?

- IN STATE OF RESIDENCE [SKIP TO C6d3]
- IN SOME OTHER STATE (INCLUDING DC)
- BOUGHT SOME OTHER WAY (INTERNET, ETC...) [SKIP TO C6dOTHR]
- DON'T KNOW [SKIP TO C6e1]
- REFUSED [SKIP TO C6e1]

C6d2 In what other state did you buy your LAST (pack / carton / pack or carton) of cigarettes?

[I'ER INSTRUCTIONS]:

NOTE R REACTION TO BEING ASKED C6d3.

C6d3 Did you buy your LAST (pack / carton / pack or carton) of cigarettes

- _____ (a) on an Indian reservation
- _____ (b) at a military exchange

[SKIP TO C6e1]

Please tell me more about your answer.

[I'ER INSTRUCTIONS]:

NOTE R REACTION TO BEING ASKED C6dOTHR.

C6dOTHR Was the “Other Way” in which you purchased your LAST(pack / carton / pack or carton) of cigarettes:

- (1) In a foreign country or a duty-free shop
- (2) From an Indian reservation (in person or ordered)
- (3) By mail-order (phone or internet)
- (4) Military exchange
- (5) [SOME OTHER WAY]

Please tell me more about your answer.

C6e1 In the LAST 2 months, have you bought any SINGLE or INDIVIDUAL cigarettes?
[I'ER NOTE: Respondent may refer to it as a “loosie” or “loose out of the pack”]

- YES
- NO [SKIP TO C7a]
- DON'T KNOW [SKIP TO C7a]
- REFUSED [SKIP TO C7a]

[IF YES TO C6e1]: Please tell me more about your answer.

[IF NO TO C6e1]: Please tell me in your own words what this question is asking. IF NEEDED, In your mind, when someone buys their cigarettes this way, what are they getting?

C6e2 What price did you pay for the LAST “single or individual” cigarette you bought?

\$__ . __ __

- DON'T KNOW
- REFUSED

C6e31 Did you buy your LAST SINGLE or INDIVIDUAL cigarette in [R'S STATE OF RESIDENCE] or in some other state or other country?

- IN STATE OF RESIDENCE [**SKIP TO C7a**]
- IN SOME OTHER STATE (INCLUDING DC)
- IN ANOTHER COUNTRY
- BOUGHT SOME OTHER WAY (INTERNET, ETC...) [**SKIP TO C6e3SPC**]
- DON'T KNOW [**SKIP TO C7a**]
- REFUSED [**SKIP TO C7a**]

C6e32 In what OTHER state/country did you buy your LAST SINGLE OR INDIVIDUAL cigarette?

_____ **GO TO C7a**

C6e3SPC SPECIFY the other way (internet, other country, ...) in which last single cigarette was purchased:

Past Smoking Behavior for Some-Day Smokers

C7a Have you EVER smoked cigarettes EVERY DAY for at least 6 months?

- YES
- NO [SKIP TO C7c/e-2]
- DON'T KNOW [SKIP TO C8]
- REFUSED [SKIP TO C8]

C7NEW1 Earlier you said that you started to smoke cigarettes fairly regularly at age [AGE FROM A2]. Was this also the age you first started to smoke cigarettes every day?

- YES [SKIP TO C7d]
- NO
- DON'T KNOW
- REFUSED

How did you come up with your answer?

C7NEW2 At what age did you first start to smoke cigarettes every day?

ENTER AGE: _____

- DON'T KNOW
- REFUSED

How did you come up with your answer?

C7d What is the total number of years you smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

-
- NONE OR LESS THAN 1 YEAR
 - DON'T KNOW [SKIP TO C8]
 - REFUSED [SKIP TO C8]

I have another way to ask this question which I'd like to try with you.

C7d-alt What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

- (1) ALL or NEARLY ALL the years/time I have been smoking
- (2) MOST of the years/time I have been smoking
- (3) HALF of the years/time I have been smoking
- (4) LESS than HALF of the years/time I have been smoking

- (5) NONE OR LESS THAN 1 YEAR (DO NOT READ)

Which version do you prefer? Tell me what makes you say that.

C7c/e When you last smoked every day, on average how many cigarettes did you smoke each day?

-
- DON'T KNOW
 - REFUSED

How did you come up with your answer?

How easy or difficult was it for you to answer?

What time period were you thinking about?

[IF NEEDED]: In your own words, what do you think this question is asking?

I have another way to ask this question which I'd like to try with you.

C7c/e-alt1a Thinking back over the years you have smoked every day, about how many cigarettes did you usually smoke each day?

[I'ER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES]

_____ [SKIP TO C7c/e-2]

- VARIED
- NEVER SMOKED CIGARETTES REGULARLY [SKIP TO C7c/e-2]
- DON'T KNOW
- REFUSED [SKIP TO C7c/e-2]

[IF ANSWER IS DIFFERENT THAN ANSWER TO C7c/e]: Tell me how you came up with your answer. [IF NEEDED]: What time period were you thinking about?

[IF ANSWER TO C7c/e-alt1a IS "# OF CIGARETTES" OR "NEVER SMOKED REGULARLY"]: Which version do you prefer? Tell me what makes you say that.

C7c/e 1b / NUMCVAR What is the average number of cigarettes that you smoked daily during the longest period that you smoked?

[I'ER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES]

-
- VARIED
 - DON'T KNOW
 - REFUSED

[IF ANSWER IS DIFFERENT THAN ANSWER TO C7c/e]: Tell me how you came up with your answer. IF NEEDED, What time period were you thinking about?

Which version do you prefer? Tell me what makes you say that.

C7c/e-2 During the period you smoked the MOST, how many cigarettes did you smoke EACH day?

[I'ER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES.]

-
- DON'T KNOW
 - REFUSED

What time period were you thinking of? [IF NEEDED]: How long did you smoke this amount?

How much variation was there in how much you smoked during [TIME PERIOD MENTIONED IN FIRST PROBE]?

C8 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

- EVERY DAY
- SOME DAYS [SKIP TO C10a]
- NOT AT ALL [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]
- DON'T KNOW [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]
- REFUSED [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]

C9 Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

[INTER NOTE: ONE PACK USUALLY EQUALS 20 CIGARETTES.]

-
- DON'T KNOW
 - REFUSED

[SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]

C10a Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?

- NONE [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]
- DON'T KNOW [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]
- REFUSED [SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]

C10b On the average, on those [fill entry C10a] days, how many cigarettes did you usually smoke each day?

[IF NECESSARY]: "WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

[SEE INTERVIEWER INSTRUCTIONS AT END OF SECTION C]

INTERVIEWER INSTRUCTIONS

IF ENTRY IN C1 \geq 12 DAYS IN THE PAST 30 DAYS, \rightarrow D1R (3rd question in Section D)

ELSE IF C1i = Yes \rightarrow D1 (3rd question in Section D)

ELSE IF C1i = NO, OR C1i = DK, R \rightarrow Da

ELSE IF C1 < 12 \rightarrow Da

**SECTION D. PAST 12-MONTH QUIT ATTEMPTS FOR CURRENT EVERY-DAY
AND SOME-DAY SMOKERS**

**PAST 12-MONTH QUIT ATTEMPTS FOR SOME-DAY SMOKERS SMOKING <12 DAYS IN
THE PAST 30 DAYS**

Da During the PAST 12 MONTHS, have you TRIED to QUIT smoking COMPLETELY?

- YES [SKIP TO D3b]
- NO
- DON'T KNOW
- REFUSED

Db Have you EVER TRIED to QUIT smoking COMPLETELY?

- YES [SKIP TO F1a]
- NO [SKIP TO F1a]
- DON'T KNOW [SKIP TO F1a]
- REFUSED [SKIP TO F1a]

**PAST 12-MONTH QUIT ATTEMPTS FOR EVERY-DAY AND SOME-DAY SMOKERS (some
day smokers smoking >=12 days during the past 30 days)**

Quit attempts of 1 day or longer:

DIR During the PAST 12 MONTHS, have you stopped smoking for ONE DAY or longer
BECAUSE YOU WERE TRYING TO QUIT SMOKING?

- YES [SKIP TO D3]
- NO
- DON'T KNOW
- REFUSED

Please tell me more about your answer.

[I'ER INSTRUCTION]:

NOTE WHETHER R's QUIT ATTEMPT WAS FOR ONE DAY OR LONGER.

NOTE WHETHER R WAS ACTUALLY TRYING TO QUIT SMOKING.

NOTE TIMEFRAME R USES.

D2R Have you EVER stopped smoking for ONE DAY or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?

- YES [SKIP TO D7R]
- NO [SKIP TO D7R]
- DON'T KNOW [SKIP TO D7R]
- REFUSED [SKIP TO D7R]

Please tell me more about your answer.

[I'ER INSTRUCTION]:

NOTE WHETHER R's QUIT ATTEMPT WAS FOR ONE DAY OR LONGER.

NOTE WHETHER R WAS ACTUALLY TRYING TO QUIT SMOKING.

NOTE TIMEFRAME R USES.

D3 How many TIMES during the past 12 months have you stopped smoking for one day or longer BECAUSE YOU WERE TRYING TO QUIT SMOKING?

- Once (1 time) [SKIP TO D4]
- 2-3 times [SKIP TO D4]
- 4 or more times [SKIP TO D4]
- DON'T KNOW
- REFUSED

How easy or difficult was it for you to answer this question? What makes you say that? [IF NEEDED]: What was it like to try and fit your answer into the categories I read to you?

D3b Would you say that it was more than 3 times?

- YES
- NO
- DON'T KNOW
- REFUSED

D4 The **LAST TIME** you stopped smoking during the **PAST 12 months** because you were **TRYING** to quit, how long did you stop for?

_____ (#) _____ (days/weeks/months, etc...) [SKIP TO D5]

- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

D4b Was it more or less than one week?

- MORE THAN 1 WEEK
- LESS THAN 1 WEEK
- ONE WEEK
- DON'T KNOW [SKIP TO D6]
- REFUSED [SKIP TO D6]

D5 Was [fill entry D4 OR D4b] the **LONGEST** you went without smoking in the past 12 months?

- YES [SKIP TO SECTION E]
- NO
- DON'T KNOW
- REFUSED

D6 During the **PAST 12 MONTHS**, what is the [If D3 = 1 fill with "LENGTH;" ELSE fill with "LONGEST Length"] of time you stopped smoking because you were **TRYING** to quit smoking?

[I'ER NOTE]: If quit attempt began more than 12 months ago BUT ended within the past 12 months, count all of it.

_____ (#) _____ (days/weeks/months, etc...) [SKIP TO SECTION E]

- DON'T KNOW
- REFUSED

D6b Was it more or less than one week?

- MORE THAN 1 WEEK
- LESS THAN 1 WEEK
- ONE WEEK
- DON'T KNOW
- REFUSED

[SKIP TO I'ER INSTRUCTIONS AT BEGINNING OF SECTION E]

Quit attempts of less than a day (if no quit attempts lasting for one DAY or more):

D7R DURING THE PAST 12 MONTHS, have you made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?

- YES [SKIP TO I'ER INSTRUCTIONS, SECTION E]
- NO
- DON'T KNOW
- REFUSED

In your own words, what is this question asking?

How did you come up with your answer?

[I'ER INSTRUCTION]: NOTE TIMEFRAME R IS USING.

D8R Have you EVER made a serious attempt to stop smoking because you were TRYING to quit – even if you stopped for less than a day?

- YES [SKIP TO F1a]
- NO [SKIP TO F1a]
- DON'T KNOW [SKIP TO F1a]
- REFUSED [SKIP TO F1a]

In your own words, what is this question asking?

How did you come up with your answer?

[I'ER INSTRUCTION]: NOTE TIMEFRAME R IS USING.

**SECTION E. METHODS USED DURING PAST (12-MONTH) QUIT ATTEMPTS
(EVERY-DAY AND SOME-DAY SMOKERS)**

INTERVIEWER INSTRUCTIONS

**IF D3 = 1, THEN FILL E1a, E1b, E1c AND E2 WITH “The TIME”
ELSE FILL E1a, E1b, E1c AND E2 WITH “The LAST TIME”**

E1a Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months. Did you use ANY of the following PRODUCTS:

- A nicotine gum or nicotine lozenge?
- A nicotine patch?
- A nicotine nasal spray or nicotine inhaler?
- A prescription pill, called Chantix or Varenicline?
- A prescription pill called Zyban, Bupropion, or Wellbutrin?

I have another way of asking that question I'd like to try with you.

E1a@7b – alt 2 Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months, did you use a prescription pill other than Chantix or Varenicline such as Zyban, Bupropion, or Wellbutrin?

- YES
- NO
- DON'T KNOW
- REFUSED

Which version do you prefer? Tell me what makes you say that?

[IF NEEDED]: Which version is clearer to you? Tell me what makes you say that.

E1b Thinking back to the (LAST TIME/time) you tried to QUIT smoking in the past 12 months: Did you use ANY of the following:

- A telephone help line or quit line (E1b@1)
- A stop smoking clinic, class, support group or one-on-one counseling (E1b@2)
- Help or support from friends or family (E1b@4)

[IF NO TO E1b@2 OR @4, ASK AFTER EACH]: Please tell me in your own words what the question is asking about.

E1c The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you do ANY of the following:

- E1c@1** Try to quit by gradually cutting back on cigarettes?
- *E1c@2** Try to quit by switching to chewing tobacco, snuff?
- *E1c@2b** Try to quit by switching to cigars or pipes?
- E1c@3** Did you switch to a “lighter” cigarette in order to TRY TO QUIT?
- E1c@4** Did you try to give up cigarettes all at once?

[I'er INSTRUCTIONS]: ONLY ASK IF “YES” to E1c@4. OTHERWISE, SKIP TO E2.

E1c@4a Would you say you TRIED TO QUIT “cold turkey” or in some other way?

- COLD TURKEY
- SOME OTHER WAY

[I'er INSTRUCTIONS]: ASK ONLY IF E1c@4a = "Some other way".
OTHERWISE, SKIP TO E2.

*E1c@4b Specify:

[IF NO TO E1c@2, @2b OR @4, ASK AFTER EACH]: Please tell me in your own words what the question is asking about.

E2 The (LAST TIME / time) you tried to QUIT smoking in the past 12 months: Did you use ANY OTHER products or treatments?

- YES
- NO [SKIP TO SECTION F]

E2bSPC What were these OTHER products or treatments that you used?

Specify: _____

[IF NEEDED]: Please tell me more about your answer.

[SKIP TO SECTION F]

**SECTION F. DOCTOR/DENTIST ADVICE TO STOP SMOKING --- CURRENT AND SOME-
DAY SMOKERS**

F1a In the PAST 12 MONTHS have you SEEN a medical doctor?

- YES
- NO [SKIP TO F1d]
- DON'T KNOW [SKIP TO F1d]
- REFUSED [SKIP TO F1d]

F1b During the PAST 12 MONTHS, did any medical doctor ADVISE you to stop smoking?

- YES
- NO [SKIP TO F1d]
- DON'T KNOW [SKIP TO F1d]
- REFUSED [SKIP TO F1d]

F1c In the PAST 12 MONTHS, when a medical doctor advised you to quit smoking, did the doctor also:

- F1c@1 (A) Suggest that you call or use a telephone help line or quit line?
- F1c@2 (B) Suggest that you use a smoking cessation class, program, or counseling?
- F1c@3 (C) Recommend or prescribe a nicotine product such as patch, gum, lozenge, nasal spray or inhaler
- F1c@4 (D) Prescribe a pill such as Chantiz, Varenicline, Zyban, Bupropion, Wellbutrin
- F1c@5 (E) Suggest that you set a specific date to stop smoking?

[SKIP TO F2a]

[IF NO TO ALL]: What did the doctor do?

F1d Has a medical doctor EVER ADVISED you to stop smoking?

YES

NO

F2a In the PAST 12 MONTHS have you SEEN a dentist?

YES

NO [**SKIP TO F2d**]

DON'T KNOW [**SKIP TO F2d**]

REFUSED [**SKIP TO F2d**]

F2b During the PAST 12 MONTHS, did any dentist ADVISE you to stop smoking?

YES

NO [**SKIP TO F2d**]

DON'T KNOW [**SKIP TO F2d**]

REFUSED [**SKIP TO F2d**]

F2c In the PAST 12 MONTHS, when a dentist advised you to quit smoking, did the dentist also:

F2c@1 (A) Suggest that you call or use a telephone help line or quit line?

F2c@2 (B) Suggest that you use a smoking cessation class, program, or counseling?

F2c@3 (C) Recommend or Prescribe a nicotine product such as a patch, gum, lozenge, nasal spray or inhaler

F2c@4 (D) Prescribe a pill such as Chantiz, Varenicline, Zyban, Bupropion, Wellbutrin

F2c@5 (E) Suggest that you set a specific date to stop smoking?

[SKIP TO SECTION G]

[IF NO TO ALL]: What did the dentist do?

F2d Has a dentist EVER ADVISED you to stop smoking?

- YES
- NO
- DON'T KNOW
- REFUSED

[SKIP TO SECTION G]

SECTION G. STAGES OF CHANGE – EVERY DAY/SOME-DAY SMOKERS

G1 Are you seriously considering quitting smoking within the next 6 months?

- YES
- NO [SKIP TO G3]
- DON'T KNOW [SKIP TO G3]
- REFUSED [SKIP TO G3]

G2 Are you planning to quit within the next 30 days?

- YES
- NO
- DON'T KNOW
- REFUSED

G3 Overall, on a scale from 1 to 10 where 1 is NOT AT ALL interested and 10 is EXTREMELY interested, how interested are you in quitting smoking?

[I'ER INSTRUCTIONS]: IF G3 = 1 SKIP TO SECTION J

G4 If you did try to quit smoking altogether in the next 6 months, how LIKELY do you think you would be to succeed --- not at all, a little likely, somewhat likely or very likely?

- NOT AT ALL
- A LITTLE LIKELY
- SOMEWHAT LIKELY
- VERY LIKELY
- DON'T KNOW
- REFUSED

[SKIP TO SECTION J]

SECTION H. FORMER SMOKER SECTION

H1 About how long has it been since you **COMPLETELY** quit smoking cigarettes?

_____ (#) _____ (days, weeks, months, etc...)

H2 Have you **EVER** smoked cigarettes **EVERY DAY** for at least 6 months?

- YES
- NO [SKIP TO H4b/5b – alt #1]
- DON'T KNOW [SEE I'ER INSTRUCTION BOX BELOW]
- REFUSED [SEE I'ER INSTRUCTION BOX BELOW]

I'ER INSTRUCTIONS

IF H1 ≤ 1 YEAR SKIP TO H6
IF H1 > 5 YEARS SKIP TO H11
IF H1 = ANYTHING ELSE, SKIP TO H6D

H7NEW1 Earlier you said that you started to smoke cigarettes fairly regularly at age [AGE FROM A2]. Was this also the age you first started to smoke cigarettes every day?

- YES [SKIP TO H5]
- NO
- DON'T KNOW
- REFUSED

How did you come up with your answer?

H7NEW2 At what age did you first start to smoke cigarettes every day?

ENTER AGE: _____

DON'T KNOW

REFUSED

How did you come up with your answer?

H5 Altogether, ABOUT how many years did you smoke EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

NONE OR LESS THAN 1 YEAR

DON'T KNOW

REFUSED

Please tell me how you came up with your answer.

I have another way to ask this question which I'd like to try with you.

H5-alt What is the total number of years you have smoked EVERY DAY? Do not include any time you stayed off cigarettes for 6 months or longer.

(1) ALL or NEARLY ALL the years/time I have been smoking?

(2) MOST of the years/time I have been smoking?

(3) HALF of the years/time I have been smoking?

(4) LESS than HALF of the years/time I have been smoking?

(5) NONE OR LESS THAN 1 YEAR [DO NOT READ]

Which version do you prefer? What makes you say that?

H4 When you last smoked every day, on average how many cigarettes did you smoke each day?

DON'T KNOW

REFUSED

How did you come up with your answer?

How easy or difficult was it for you to answer?

What time period were you thinking about?

[IF NEEDED]: In your own words, what do you think this question is asking?

I have another way of asking that question that I'd like to share with you.

H4b/5b-alt #2a Thinking back over the years you have smoked every day, about how many cigarettes did you usually smoke each day?

[I'ER NOTE: 1 pack usually equals 20 cigarettes.]

_____ **[SKIP TO H4b/5b-alt #1]**

VARIED

NEVER SMOKED CIGARETTES REGULARLY **[SKIP TO H4b/5b-alt #1]**

DON'T KNOW

REFUSED **[SKIP TO H4b/5b-alt #1]**

**[IF ANSWER TO H4b/5b-alt #2a IS DIFFERENT THAN ANSWER TO H4]:
Tell me how you came up with your answer. [IF NEEDED]: What time period
were you thinking about?**

**[IF ANSWER TO H4b/5b-alt #2a IS "# OF CIGARETTES" OR "NEVER
SMOKED REGULARLY"]:** Which version do you prefer? Tell me what makes you
say that.

H4b/5b -alt #2b What is the average number of cigarettes that you smoked daily during the
longest period that you smoked?

[I'ER NOTE: 1 pack usually equals 20 cigarettes.]

-
- VARIED
 - DON'T KNOW
 - REFUSED

**[IF ANSWER TO H4b/5b-alt #2b IS DIFFERENT THAN ANSWER TO H4]:
Tell me how you came up with your answer. [IF NEEDED]: What time period
were you thinking about?**

Which version do you prefer? Tell me what makes you say that.

H4b/5b-alt #1 During the period you smoked the MOST, how many cigarettes did you smoke EACH day?

[I'ER NOTE: 1 pack usually equals 20 cigarettes.]

What time period were you thinking of? [IF NEEDED]: How long did you smoke this amount?

How much variation was there in how much you smoked during [TIME PERIOD MENTIONED IN FIRST PROBE]?

SEE I'ER INSTRUCTIONS BELOW

I'ER INSTRUCTIONS

IF H1 \leq 1 YEAR PROCEED TO H6

IF H1 > 5 YEARS SKIP TO H11

IF H1 = ANYTHING ELSE, PROCEED TO H6

H6 Around this time 12 MONTHS AGO, were you smoking cigarettes every day, some days, or not at all?

- EVERY DAY
- SOME DAYS [SKIP TO H6B]
- NOT AT ALL [SKIP TO H6D]
- DON'T KNOW [SKIP TO H6D]
- REFUSED [SKIP TO H6D]

H6A Around this time 12 MONTHS AGO, on the average, about how many cigarettes did you smoke each day?

[IFER NOTE: 1 pack usually equals 20 cigarettes.]

_____ [SKIP TO H6D]

- DON'T KNOW [SKIP TO H6D]
- REFUSED [SKIP TO H6D]

H6B Around this time 12 MONTHS AGO, on how many of 30 days in the month did you smoke cigarettes?

- NONE [SKIP TO H6D]
- DON'T KNOW [SKIP TO H6D]
- REFUSED [SKIP TO H6D]

H6C On the average, on those [fill entry H6B] days, how many cigarettes did you usually smoke each day?

[IF NECESSARY]: WE ARE STILL TALKING ABOUT "AROUND THIS TIME 12 MONTHS AGO"

- DON'T KNOW
- REFUSED

[I'ER INSTRUCTION]:

NOTE FLOW OF QUIT PRODUCT ITEMS (H6D THROUGH H6.2c)

H6D Now I would like to ask about **HOW** you went about completely quitting smoking. When you quit smoking completely, did you use **ANY** of the following **PRODUCTS**:

H6D@1 A nicotine gum or nicotine lozenge?

H6D@2 A nicotine patch?

H6D@3 A nicotine nasal spray or nicotine inhaler?

H6D@7a A prescription pill, called Chantix or Varenicline ?

H6D@7b A prescription pill called Zyban, Bupropion, or Wellbutrin?

I have another way of asking that question I'd like to try with you.

H6D@7b When you quit smoking completely, did you use a prescription pill other than Chantix or Varenicline such as Zyban, Bupropion, or Wellbutrin?

YES

NO

DON'T KNOW

REFUSED

Which version do you prefer? Tell me what makes you say that?

[IF NEEDED]: Which version is clearer to you? Tell me what makes you say that.

H6E When you quit smoking completely did you use ANY of the following:

H6E@1 A telephone help line or quit line?

H6E@2 A stop smoking clinic, class, support group or one-on-one counseling?

H6E@4 Help or support from friends or family?

[IF NO TO H6E@2 OR @4, ASK AFTER EACH]: Please tell me in your own words what this question is asking about.

H6F When you quit smoking completely did you do ANY of the following: Please mention ALL methods, whether or not you think they were effective:

H6F@1 (A) Try to quit by gradually cutting back on cigarettes?

H6F@2 (B) Try to quit by switching to chewing tobacco, snuff?

H6F@2b (C) Try to quit by switching to cigars or pipes?

H6F@3 (D) Did you switch to a "lighter" cigarette in order to TRY TO QUIT?

H6F@4 (E) Did you try to give up cigarettes all at once?

[I'er INSTRUCTIONS: ONLY ASK BELOW IF "YES" to H6F@4. OTHERWISE, SKIP TO H6G]

H6F@4a Would you say you TRIED TO QUIT "cold turkey" or in some other way?

COLD TURKEY [SKIP TO H6G]

SOME OTHER WAY

DON'T KNOW [SKIP TO H6G]

REFUSED [SKIP TO H6G]

H6F@4b What was the other way you tried to quit?

Specify: _____

[IF NO TO H6F@2, @2b OR @4, ASK AFTER EACH]: Please tell me in your own words what this question is asking about.

H6G When you quit smoking completely: Did you use ANY OTHER products or treatments?

- YES
- NO [SKIP TO H6.1a]
- DON'T KNOW [SKIP TO H6.1a]
- REFUSED [SKIP TO H6.1a]

**[I'er INSTRUCTIONS]: ONLY ASK BELOW IF "YES" to H6F@4.
OTHERWISE, SKIP TO H6.1a**

H6GSPC What were these OTHER products or treatments that you used?

Specify: _____

[IF NEEDED:] Please tell me more about your answer.

H6.1a In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a medical doctor?

- YES
- NO [SKIP TO H6.1d]
- DON'T KNOW [SKIP TO H6.1d]
- REFUSED [SKIP TO H6.1d]

H6.1b During the 12 MONTHS BEFORE you completely quit smoking, did any medical doctor ADVISE you to stop smoking?

- YES
- NO [SKIP TO H6.1d]
- DON'T KNOW [SKIP TO H6.1d]
- REFUSED [SKIP TO H6.1d]

H6.1c In the 12 MONTHS BEFORE you quit smoking, when a medical doctor advised you to quit smoking, did the doctor also:

- H6.1c@1 (A) Suggest that you call or use a telephone help line or quit line?
- H6.1c@2 (B) Suggest that you use a smoking cessation class, program, or counseling?
- H6.1c@3 (C) Recommend or Prescribe a nicotine product such as patch, gum, lozenge, nasal spray or inhaler
- H6.1c@4 (D) Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, Wellbutrin
- H6.1c@5 (E) Suggest that you set a specific date to stop smoking?

[SKIP TO H6.2a]

[IF NO TO ALL]: What did the doctor do?

H6.1d Has a medical doctor EVER ADVISED you to stop smoking?

- YES
- NO
- DON'T KNOW
- REFUSED

H6.2a In the 12 MONTHS BEFORE you COMPLETELY quit smoking, did you SEE a dentist?

- YES
- NO [SKIP TO H6.2d]
- DON'T KNOW [SKIP TO H6.2d]
- REFUSED [SKIP TO H6.2d]

H6.2b During the 12 MONTHS BEFORE you completely quit smoking, did any dentist ADVISE you to stop smoking?

- YES
- NO [SKIP TO H6.2d]
- DON'T KNOW [SKIP TO H6.2d]
- REFUSED [SKIP TO H6.2d]

H6.2c In the 12 MONTHS BEFORE you quit smoking, when a dentist advised you to quit smoking, did the dentist also:

H6.2c@1 (A) Suggest that you call or use a telephone help line or quit line?

H6.2c@2 (B) Suggest that you use a smoking cessation class, program, or counseling?

H6.2c@3 (C) Recommend or Prescribe a nicotine product such as patch, gum, lozenge, nasal spray or inhaler

H6.2c@4 (D) Prescribe a pill such as Chantix, Varenicline, Zyban, Bupropion, Wellbutrin

H6.2c@5 (E) Suggest that you set a specific date to stop smoking?

[SKIP TO H7a]

[IF NO TO ALL:] What did the dentist do?

H6.2d Has a dentist EVER ADVISED you to stop smoking?

- YES
- NO
- DON'T KNOW
- REFUSED

H7a Still thinking back to the **YEAR BEFORE YOU QUIT SMOKING**.
During that time, was your usual cigarette brand menthol or non-menthol?

- MENTHOL
- NON-MENTHOL
- NO USUAL TYPE
- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

H8a During the year before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day?

_____ (mins/hrs) **[SKIP TO SECTION J]**

- IT VARIES
- DON'T KNOW
- REFUSED

H8b During the year before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening?

- YES
- NO
- IT VARIES
- DON'T KNOW
- REFUSED

[SKIP TO SECTION J]

H11 Thinking back to the YEAR BEFORE YOU QUIT SMOKING.
During that time, was your usual cigarette brand menthol or non-menthol?

- MENTHOL
- NON-MENTHOL
- NO USUAL TYPE
- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

[SKIP TO SECTION J]

SECTION J. OTHER TOBACCO USE

The next questions are about the use of tobacco other than in cigarettes.

J1a Have you EVER used any of the following EVEN ONE TIME?

J1a@1 A regular cigar or cigarillo OR a little filtered cigar?

J1a@2 A pipe filled with tobacco

Are you familiar with cigarillos or little filtered cigars? [IF YES]: In your own words, how would you describe each of these types of cigars?

[I'ER INSTRUCTION]:

NOTE ANY REACTION OR EFFECT OF ASKING ABOUT SNUFF FIRST.

The following two questions are about smokeless tobacco products which are used in the mouth

J1a Have you EVER used any of the following EVEN ONE TIME?

J1a@4 Snuff or dip, usually sold in round cans in --a loose form or a pouch that looks like a small tea-bag.

J1a@3 Chewing tobacco, twist, plug, or scrap which is chewed and often sold in wallet-sized pouches.

Are you familiar with these types of smokeless tobacco? IF YES, Please tell me what you know about them.

[I'ER INSTRUCTIONS]: IF (@1 - @4) = NO, SKIP TO SECTION K.
PROCEED TO J2a FOR EACH YES ENTRY IN (@1 - @4).

J2a Do you NOW smoke/use [fill entry from J1a] every day, some days or not at all?

- EVERY DAY
- SOME DAYS
- NOT AT ALL
- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

[I'ER INSTRUCTIONS]: IF J2a = SOME COMBINATION OF 'NOT AT ALL', DK OR REFUSED FOR ALL ITEMS ASKED ABOUT, SKIP TO SECTION K. FOR EACH 'SOME DAYS' ENTRY IN J2a, CONTINUE WITH J2b. FOR EACH 'EVERY DAY' ENTRY IN J2a, GO TO BOX IN FRONT OF J3a.

J2b On how many of the past 30 days did you (smoke/use) [fill entry J1a@]?

Please tell me how you came up with your answer.

IF ONLY ONE TOBACCO PRODUCT IS NOW USED “EVERY DAY” OR FOR MORE THAN 12 OF THE PAST 30 “SOME DAYS,” ASK ABOUT IT IN J3a-JB.

IF MORE THAN 1 TOBACCO PRODUCT IS NOW USED “EVERY DAY” OR FOR MORE THAN 12 OF THE PAST 30 “SOME DAYS,” USE THE FOLLOWING HEIRARCHY TO PICK WHICH ONE TO ASK ABOUT IN J3a-JB:

CIGARS
SNUFF
CHEWING TOBACCO
PIPE

IF NO TOBACCO PRODUCTS ARE NOW USED FOR MORE THAN 12 OF THE PAST 30 “SOME DAYS,” GO TO SECTION K.

J3a How soon after you wake up do you typically [smoke your first cigar/smoke your first pipe/use snuff/use chewing tobacco?]

_____ MINS/HRS

- IT VARIES
- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

I'd like to try another version of this question with you.

ASK J3b IF R SMOKES CIGARS AND/OR PIPES ONLY

ASK J3c IF R USES SNUFF AND/OR CHEWING TOBACCO ONLY

ASK J3b AND J3c IF R USES A COMBINATION OF CIGARS/PIPES AND SMOKELESS TOBACCO

J3b How soon after you wake up do you typically have your first smoke?

_____ MINS/HR

- IT VARIES
- DON'T KNOW
- REFUSED

[IF NOT ASKING J3c]: Which version do you prefer? Tell me more about that. IF NEEDED, Does one seem simpler or easier to answer than the other?

J3c How soon after you wake up do you typically [use smokeless tobacco] for the first time?

_____ MINS/HR

- IT VARIES
- DON'T KNOW
- REFUSED

Which version do you prefer? Tell me more about that. IF NEEDED, Does one seem simpler or easier to answer than the other?

IF R USES SNUFF, ASK JA

IF R USES CHEWING TOBACCO, ASK JB

OTHERWISE, GO TO SECTION K

JA During the past 30 days, what brand of snuff did you use most often?

Please tell me how you came up with your answer.

JB During the past 30 days, what brand of chewing tobacco did you use most often?

Please tell me how you came up with your answer.

SECTION K. WORKPLACE AND HOME BAN – ALL RESPONDENTS

[I'ER INSTRUCTION]:

NOTE ANY DIFFICULTY R HAS WITH LISTED CATEGORIES

K1 Which of these best describes the area in which you work MOST of the time?

[I'ER NOTE]: If R has more than 1 job, have them answer for their main job.

- (1) Mainly work indoors including a home, warehouse or other large semi-structured area; [SKIP TO K1b]
- (2) Mainly work outdoors; [SKIP TO K3d]
- (3) Work ½ indoors and ½ outdoors; [SKIP TO K1b]
- (4) Travel to different buildings or sites; [SKIP TO K3d]
- (5) In a motor vehicle including a bus; [SKIP TO K3d]
- (6) In a train, boat, airplane or underground (includes a mine); or [SKIP TO K3d]
- (7) Somewhere else? (Specify) _____ [SKIP TO K1c]
- (V) VARIES (DO NOT READ) [SKIP TO K4]

For some of the categories I just read you, I have some different wording I'd like to try on you. I read you a category "Mainly work indoors including a home, warehouse or other large semi-structured area." Another way to say that is in two categories.

- (1a) Mainly work indoors including a home;
- (1b) Mainly work indoors including a warehouse or garage or other similar large semi-structured area

Which version do you prefer? What makes you say that?

[IF NEEDED]: Does one seem easier to answer than the other? What makes you say that?

I also read you two categories "In a motor vehicle including a bus; In a train, boat, airplane or underground (includes a mine)." Here's two other ways of saying those categories.

Alt #1

(6a) In a subway, train, boat, or airplane;

(6b) In a mine

Alt #2

(5) In any form of transportation on, above or below the ground or water

(6) In a mine or otherwise underground

Which version do you prefer? What makes you say that?

[IF NEEDED]: Does one seem easier to answer than the others? What makes you say that?

K1b [FILL “You said that you now work indoors.” IF K1 = 1] Do you mainly work in an office building, in your own home, in someone else’s home, or in another indoor place?

- OFFICE BUILDING
- OWN HOME [SKIP TO K4]
- SOMEONE ELSE’S HOME [SKIP TO K4]
- ANOTHER INDOOR PLACE
- DON’T KNOW
- REFUSED

K1c In which State (including DC), do you work on your main job or business?

K2a Does your place of work have an official policy that restricts smoking in any way?

[READ IF NECESSARY]: “PLACE OF WORK” RESTRICTIONS INCLUDE POLICIES OF THE EMPLOYER, BUILDING OWNER OR ANY GOVERNMENTAL LAWS—THUS “ANY POLICY” AT THE PLACE OF WORK REGARDLESS OF WHO IS RESPONSIBLE FOR IT.

- YES
- NO [SKIP TO K3C]
- DON’T KNOW [SKIP TO K3C]
- REFUSED [SKIP TO K3C]

[IF NO AT K2a]: Are there any rules about smoking at your workplace?

[IF YES AT K2a OR AT PROBE]: Are the restrictions on smoking because of company policy, state or local laws, both, or none of those?

K3a Which of these best describes your place of work's smoking policy for INDOOR PUBLIC OR COMMON AREAS, such as lobbies, rest rooms, and lunch rooms?

- (1) Not allowed in ANY public areas**
- (2) Allowed in SOME public areas**
- (3) Allowed in ALL public areas**

- (4) NOT APPLICABLE**

K3b Which of these best describes your place of work's smoking policy for WORK AREAS?

- (1) Not allowed in ANY work areas**
- (2) Allowed in SOME work areas**
- (3) Allowed in ALL work areas**

- (4) NOT APPLICABLE**

K3c During the PAST TWO WEEKS, has anyone smoked in the area in which you work?

- YES
- NO
- DON'T KNOW
- REFUSED

Please tell me how you came up with your answer.

K3d Within the PAST 12 MONTHS, has your employer offered any stop smoking program or any other help to employees who want to quit smoking?

- YES
- NO
- DON'T KNOW
- REFUSED

K4 Which statement best describes the rules about smoking INSIDE YOUR HOME?

[READ IF NECESSARY]: "HOME" IS WHERE YOU LIVE. "RULES" INCLUDE ANY UNWRITTEN "RULES" AND PERTAIN TO ALL PEOPLE WHETHER OR NOT THEY RESIDE IN THE HOME OR ARE VISITORS, WORKMEN, ETC.

- (1) No one is allowed to smoke anywhere INSIDE YOUR HOME
- (2) Smoking is allowed in some places or at some times INSIDE YOUR HOME
- (3) Smoking is permitted anywhere INSIDE YOUR HOME

K6a In bars, cocktail lounges, and clubs, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

- ALLOWED IN ALL AREAS
- ALLOWED IN SOME AREAS
- NOT ALLOWED AT ALL
- DON'T KNOW
- REFUSED

K6b On outdoor children's playgrounds and sports fields, do you THINK that smoking SHOULD be allowed in all areas, allowed in some areas, or not allowed at all?

- ALLOWED IN ALL AREAS
- ALLOWED IN SOME AREAS
- NOT ALLOWED AT ALL
- DON'T KNOW
- REFUSED

K6B Do you **THINK** that smoking **SHOULD** be allowed inside a car ?

- (1) Always allowed?
- (2) Allowed under some conditions?
- (3) Never allowed? [SKIP TO KOTHQT]

K6C IF children are present inside the car do you think that smoking **SHOULD** be allowed?

- (1) Always allowed?
- (2) Allowed under some conditions?
- (3) Never allowed?

KOTHQT During the past 12 months, did you encourage a friend or family member to quit smoking?

- YES
- NO
- DON'T KNOW
- REFUSED