
New York City Department of Health and Mental Hygiene

***World Trade Center Health Registry
Wave 3 Survey (2011–2012): Adults***

WORLD
TRADE
CENTER

HEALTH REGISTRY

Data File User's Manual

July 2013 revision

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Contact Instructions and Suggested Citation

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Suggested citation:

RTI International, New York City Department of Health and Mental Hygiene. World Trade Center Health Registry Wave 3 Adult Survey: Data File User's Manual. S. Yu, K. Considine, L. Thalji, E. Saleska, D. Walker, J. Murphy, M. Hobbs, E. Dean, M. Nguyen, N. Sikes. Queens, New York: July 2013.

Acknowledgements

The following individuals at the New York City Department of Health and Mental Hygiene (NYC DOHMH), and RTI International all made important contributions to the success of the World Trade Center Health Registry (WTCHR) Wave 3 (2011-2012) Survey and the completeness and quality of the data collected.

Mark Farfel, ScD of the NYC DOHMH served as the Principal Investigator for the WTCHR. Deborah Walker, PhD, was NYC DOHMH's Project Director and co-PI. Robert Brackbill, PhD, MPH, was NYC DOHMH's Senior Scientist. Steven Stellman, PhD, was NYC DOHMH's Research Director at the WTCHR. Shengchao Yu, PhD, was NYC DOHMH's Project Manager. David Wu, MS, was NYC DOHMH's Computer Systems Manager. Kathleen Considine served as RTI's Project Director, and Erica Saleska was RTI's Associate Project Director.

Other key NYC DOHMH project staff were Carey Maslow, PhD (Data Cleaning), Lennon Turner, MPH (Panel Maintenance; Tracing), Sukhminder Osahan, PhD (Data codebook), Marcus Liem (Outreach), and Daniel Wallingford (Treatment Referral Program). Other key RTI staff were Elizabeth Dean, MA (Instrumentation), Melissa Hobbs, MA (Data Collection), Joe Murphy, MA (Methodologist), Mai Nguyen (Programming), Amy Ryder-Burge (Survey Specialist), Nathan Sikes (Programming), and Lisa Thalji, MA (Technical Advisor).

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Chapter 1: Introduction

1. Overview

1.1 Overview of the World Trade Center Health Registry

Immediately following the World Trade Center (WTC) terrorist attacks of September 11, 2001, the New York City Department of Health and Mental Hygiene (NYC DOHMH) and other environmental health experts became concerned about potential health effects of the disaster on the exposed populations. It was not immediately known what environmental toxins were released from the collapsed buildings and ensuing fires, or how such toxins or irritants would affect the short- and long-term health of residents, school children and staff, building workers and passersby in the vicinity and first responders, including rescue/recovery workers and volunteers. There was also concern about the mental health effects of the disaster on both the affected population in lower Manhattan and those responding to the disaster. Additionally, the injuries suffered by survivors and responders were an important concern.

The World Trade Center Health Registry (WTCHR) was launched as a joint effort of the NYC DOHMH and the federal Agency for Toxic Substances and Disease Registry (ATSDR). Since April 2009, WTCHR activities, including this Wave 3 survey, have been supported by the National Institute for Occupational Safety and Health (NIOSH).

The WTCHR's mission is to:

- Identify and track the long-term physical and mental health effects of 9/11.
- Share findings and recommendations with enrollees, others affected, the public and policymakers.
- Respond to health concerns and assess gaps in care for 9/11-related health problems.
- Offer guidance to public health professionals in planning for potential future emergencies.

The initial enrollment phase (Wave 1 survey) was completed in November 2004 with 71,437 persons enrolling and completing a 30-minute interview over the telephone (~94.5%) or in person (~5.5%). Eligibility at the Wave 1 survey was defined according to specific criteria. Individuals could be eligible for one or more of the following four eligibility groups:

- **Workers and volunteers** involved in rescue, recovery, cleanup or other activities for at least one shift at the WTC site anytime from September 11, 2001, through June 30, 2002 and/or in debris handling at the Staten Island Landfill or on the barges transporting debris, anytime from September 12, 2001, through June 30, 2002;
- **Residents** at addresses located south of Canal Street on Sept. 11, 2001;
- **Students and school staff** enrolled/employed in schools or day cares south of Canal Street on September 11, 2001; and

- **Building occupants, people in transit, and pedestrians**, including employees, visitors, and passers-by present south of Chambers Street between the time of the first plane impact and noon on September 11, 2001.

Note that residents, and students and school staff did not need to be present in lower Manhattan on September 11, 2001. A second survey, the Wave 2 survey, was completed in 2006-2007. A total of 47,624 enrollees completed the Wave 2 Survey.

1.2 Objectives and Design of the Wave 3 Adult Survey

The overall objective for the Wave 3 adult survey was to collect updated physical and mental health information for monitoring the health status of the WTCHR enrollees 9 to 10 years after 9/11. The frame for the Wave 3 Adult Survey included all persons who enrolled in the WTCHR at Wave 1 (excluding deceased and withdrawals) and any “new” adults who were enrolled in the Registry as children by a parent or guardian and who had reached 18 years of age as of September 1, 2011.

The 68,361 eligible enrollees for the Wave 3 adult survey did not include enrollees who were deceased or who withdrew from all Registry activities prior to launch. Also, 1,204 enrollees who were under 18 years of age at the start of the Wave 3 pediatric survey in September 2011 and persons not enrolled in the Registry were not included.

Data collection for Wave 3 Adult Survey began June 20, 2011 with e-mail invitations to complete a web survey. Paper surveys were mailed to enrollees without e-mail addresses starting July 12, 2011. Computer-assisted telephone interviewing (CATI) began on September 19, 2011. Data collection across all three modes continued through March 18, 2012.

Many of the Wave 3 Adult Survey questions were similar to questions asked in the Wave 1 and 2 surveys (e.g., asthma) while some new questions were added (e.g., history of traumatic events). See *Appendix A* for more details.

1.3 Overview of Wave 3 Adult Survey Data File User's Manual (DFUM)

This manual provides documentation to familiarize data users with the design, methodology, data collection, and data processing of the WTCHR Wave 3 Adult Survey, starting with *Chapter 2* that summarizes the instrument development process and content. *Chapter 3* details the pre-data collection activities. *Chapter 4* covers the methods used to collect data from enrollees. *Chapter 5* describes how data were processed. *Chapter 6* describes the results of the data collection. *Chapter 7* details the post-survey activities, and *Chapter 8* guides data users through key elements of using the data file. *Appendix A* provides a comparison of questionnaire content across the Wave 1–Wave 3 surveys. *Appendix B* provides the Wave 3 adult questionnaire, and *Appendix C* provides the Wave 3 Adult Survey codebook. Information on the Wave 3 Pediatric Survey is described in a separate DFUM document.

The Wave 3 Adult Survey was a collaboration between NYC DOHMH and RTI International. For the remainder of this document, Wave 3 eligible adult enrollees will simply be referred to as *enrollees*.

Chapter 2: Instrumentation

2. Instrumentation

2.1 Instrument Development

The questionnaire for the Wave 3 Adult Survey was designed to collect data on physical and mental health status as well as demographic and contact information for enrollees. The questionnaire accommodated CATI, self-administered web survey data collection, and mailed paper forms.

The CATI questionnaire included a script for collecting the enrollee's consent to the interview, as required per RTI's IRB. The web survey also included a consent screen.

The Wave 3 questionnaire was developed through an iterative process in which revisions were made as a result of a formal questionnaire appraisal and cognitive interviewing. The final Wave 3 adult questionnaire is in *Appendix B*.

2.1.1 Questionnaire Appraisal

Survey methodologists employed RTI's Question Appraisal System (QAS) to evaluate potential problems with the WTCHR Wave 3 adult questionnaire. The QAS is a structured, standardized instrument review methodology that assists a survey design expert in evaluating questions relative to the tasks they require of enrollees, specifically with regard to how enrollees understand and react to survey questions. The QAS allows the reviewer to evaluate the structure and effectiveness of the questionnaire form itself. It is a coding system (i.e., item taxonomy) that describes the cognitive demands of the questionnaire and documents the question features that are likely to lead to response error. These potential errors include errors related to comprehension, task definition, information retrieval, judgment, and response generation (Willis and Lessler, 1999). The QAS also anticipates errors in translation and cross-cultural administration of a question (Dean et al., 2007). The initial QAS was applied to the instrument in May 2010. After the QAS results were submitted, a round of questionnaire changes were made before finalizing the version of the questionnaire used for cognitive interviewing. A separate QAS was conducted on a draft of the web survey screens to anticipate errors associated with question layout.

2.1.2 Cognitive Interviews

The instrumentation process included a cognitive interview pilot test of the WTCHR Wave 3 draft adult questionnaire. Cognitive interviewing is a pretest methodology that makes use of *think-aloud interviewing* and other question-probing techniques. A think-aloud interview is one in which the enrollee is instructed to tell the interviewer everything he or she is thinking about while answering a survey question. Think-aloud techniques are supplemented with *concurrent* (during the interview) or *retrospective* (in a debriefing interview after completing the survey) *probes*. Cognitive interviewing provides detailed information on questionnaire design issues such as the degree to which questions are comprehended, memory search strategies used, the ability of enrollees to make calculations and judgments, sensitivity and social desirability bias associated with questions, and the coverage of the response domain by the response options provided. Sixteen cognitive interviews were conducted for Wave 3. Twelve of these interviews were conducted in English, including three residents, three office workers, three rescue recovery workers, and three Wave 2 nonrespondents. Additionally, four

cognitive interviews were conducted in other languages, two in Spanish and two in Chinese (one in Mandarin and one in Cantonese).

2.2 Translation of the WTCHR Instrument

The Wave 3 adult questionnaire was translated into Chinese and Spanish by bilingual native speakers of each target language at NYC DOHMH. The Wave 3 adult paper survey was available in English, Spanish and Chinese while the web survey was only available in English. The Wave 3 CATI questionnaire was administered in English, Spanish, Mandarin and Cantonese by RTI interviewers. For other languages, interviewers used a language translation service to conduct the interview in the language of the enrollee.

Chapter 3: Pre–Data Collection Activities

3. Pre–Data Collection Activities

3.1 Panel Maintenance

Before Wave 3, Registry staff sent letters to enrollees who were “presumed active” (enrollees with whom the Registry has had no direct communication with since the Wave 1 survey but are not in tracing) and those without a valid e-mail address asking them to confirm and/or update their contact information and to provide their e-mail address. If there was no response, the enrollee was designated for tracing.

Registry staff also sent an annual card to all enrollees with a known address. This card served two purposes: it thanked enrollees for their continued participation in the WTCHR, and requested updated contact information.

On an ongoing basis, enrollees were encouraged to update their contact information using mail, e-mail, web, telephone, or fax.

3.2 Pre-field Tracing

Tracing prior to WTCHR Wave 3 data collection began in January 2011 and continued through August 2011. At this stage, tracing focused on cases that were defined as: active, currently lost to follow-up, enrollees without a telephone number, or enrollees with undeliverable addresses.

Tracing was conducted using two tracing methods. In *batch tracing*, the first method, available information on the enrollees was submitted to vendors who matched this information with publicly available databases. The second method, *intensive tracing* using electronic databases, was applied to enrollees in target populations for which batch tracing did not yield new information or previously provided contact information appeared to be outdated. During intensive tracing, trained tracing staff attempted to locate an enrollee through a series of individual locating steps, described below.

Batch tracing sought to decrease the number of cases that required individual, intensive tracing, and decrease the cost of intensive tracing by providing tracing staff with the maximum amount of contacting information available for subsequent locating steps. Batches of contacting information for enrollees were submitted for multiple searches to obtain an updated address and telephone number.

For intensive tracing, staff reviewed and used the contacting information associated with an enrollee and the contacting information provided by the enrollee for up to three family or friend contacts who always knew how to reach him/her. If this review did not yield viable contacting information for an enrollee, the tracer performed a series of real-time searches of the contacting information available in consumer credit bureau databases that might help locate the particular enrollee. Additionally, tracers searched a series of proprietary databases for contacting information that included information culled from public and financial records. Tracers also used Directory Assistance, reverse directories, residential sources, specialized directories, and other consumer databases.

After intensive tracing yielded viable contacting information for an enrollee, a tracer attempted to contact the relevant household to confirm the contact information. Both intensive tracing and tracing confirmation calls were conducted in the major languages used for data collection: English, Spanish,

Cantonese, and Mandarin. Of the 4,285 enrollees that completed the intensive tracing step prior to data collection, viable contacting information was identified for 91.3%. Additional detail on intensive tracing results prior to data collection can be found in *Appendix D*.

For both types of tracing, as new contact information was obtained, the data were appended to the enrollee's record.

3.3 Notification Letters and E-mails

Prior to launch of the Wave 3 Adult survey, all adult enrollees were sent a reminder Summary of Rights and a letter from NYC's Mayor Michael Bloomberg that encouraged enrollees to complete their Wave 3 surveys.

All enrollees who provided an e-mail address to the Registry were initially selected to receive a web survey; all other adult enrollees were initially sent a paper survey (with the exception of the mode sample, described in Chapter 4). Text of these documents may be viewed in the Communications Package *Appendix E*.

All enrollees selected for the web sample were sent an e-mail notification that provided information on the purpose, goals, and NYC DOHMH sponsorship of the WTCHR. The notification message included a personalized web link and password for each enrollee to access the Wave 3 web interview. Additional contact information was provided for both Registry staff and help desk technical support. Similarly, all enrollees selected for the paper sample were mailed a paper survey along with a cover letter that explained the purpose, goals, and NYC DOHMH sponsorship of the WTCHR. Additional contact information to reach Registry staff was provided. The text of the notification e-mail and paper survey cover letter may be viewed in the Communications Package (*Appendix E*).

Later, some enrollees were selected for telephone interviewing (CATI). These enrollees were sent a CATI Lead Letter prior to telephone contact. The Lead Letter explained the purpose, goals, and NYC DOHMH sponsorship of the WTCHR. It also provided the toll-free number, e-mail address, and website address for the Registry as well as the toll-free number to reach a Telephone Interviewer. The text of this Lead Letter can be viewed in the Communications Package (*Appendix E*).

The Communications Schedule (*Appendix F*) provides information on the number of enrollees who received the telephone Lead Letter, the web survey notification e-mail, or the paper survey with cover letter and the approximate time frame that the communications were sent.

3.4 Interviewer Training

All Telephone Interviewers were required to attend a 16-hour project-specific training class. Persons new to interviewing also attended an 8-hour web-based training on general interviewing techniques prior to the project-specific training. Bilingual Spanish, Mandarin, and Cantonese interviewers received an additional 2 hours of training focusing on questionnaire administration in their specific language. A total of 87 Telephone Interviewers completed the project-specific training over the course of the data collection period. *Table 1* displays the seven trainings conducted, the date of each training session, and the number of Telephone Interviewers who were trained and certified at each training session.

Table 1: Telephone Interview Trainings Conducted for the WTCHR Wave 3

Training	Date of Training	Number of Telephone Interviewers Trained and Certified
<i>English Language Trainings</i>		
CATI Experimental Mode Training	August 8–10, 2011	5
Full Launch Training	September 12–15, 2011	31
Attrition Training #1	November 7–10, 2011	31
Attrition Training #2	December 2–5, 2011	20
<i>Non-English Language Trainings¹</i>		
Spanish Interviewing Training	October 26, 2011	3
Mandarin Interviewing Training	November 11, 2011	3
Cantonese Interviewing Training	November 11, 2011	3

¹ Telephone Interviewers trained to conduct interviews in Spanish, Mandarin, and Cantonese also completed the English language trainings, and they are included in the counts for the English language trainings.

During the training class, Telephone Interviewers were trained on study protocols, questionnaire administration, and refusal avoidance. Telephone Interviewers completed classroom exercises and mock interviews.

Given the sensitivity of the WTC disaster and the variety of languages spoken by enrollees, two special training modules were developed. Telephone Interviewers received training on how to handle difficult situations that might arise during interviews, such as when enrollees reacted emotionally to questions that reminded them of their experiences on September 11, 2001. Telephone Interviewers were taught to recognize verbal and aural signs of emotional or mental distress. If the enrollee exhibited minimal symptoms of stress such as changes in tone and volume of voice or hesitancy to answer questions, the Telephone Interviewer offered a break in the interview and provided information about a mental health referral service that the enrollee could contact. If the enrollee showed signs of moderate or agitated levels of distress, the Telephone Interviewer offered the information about the mental health referral service and offered to connect the enrollee to that service; the Telephone Interviewer could then end the interview. In the moderate to severe cases, Telephone Interviewers were to involve their supervisor and contact the mental health referral service, keeping the enrollee on line.

Telephone Interviewers were also trained to request translation assistance for languages other than English, Spanish, Mandarin, or Cantonese. Language Line, a language interpretation service, assisted with identifying the language the enrollee spoke, if the determination could not be made by the interviewer, and assisted by translating the interview questions into the enrollee's language and by providing the interviewer with the enrollee's responses.

At the end of project training, Telephone Interviewers were required to complete certification tests prior to contacting enrollees. Project certification included testing Telephone Interviewers on the most frequently asked questions about the WTCHR, administering the questionnaire, and handling emotional distress. Telephone Interviewers who failed were either given additional retraining and coaching, or were terminated. All Telephone Interviewers participated in refresher trainings throughout the data collection period based on feedback identified from quality control monitoring of interviews as well as review of data frequencies.

Chapter 4: Data Collection Activities

4. Data Collection Activities

4.1 Interviewing Methods

The Adult interview for Wave 3 began on June 20, 2011, and continued through March 18, 2012. Data were collected through three modes, including web, paper, and telephone. Of the 43,135 full and partially completed Wave 3 interviews, 19,221 or 44.5% were completed by web, 17,512 or 40.6% were completed by paper, and 6,402 or 14.8% were completed by telephone.

4.1.1 Web Interviewing

The web interview was the first mode of data collection made available to enrollees. Web interviewing began in June 2011 and continued through March 2012. Enrollees were selected to be a part of the web sample if an e-mail address was on file in the enrollee's contact information. E-mail invitations were released to enrollees in three groups at the beginning of web data collection. *Table 2* displays information on the number of cases and approximate release dates for the web interviewing effort. Group A and Group B of the web release included a small proportion of the web sample to test web instrument load. Group C cases were released in 12 batches to ensure maximum load capacity was not reached on a given day.

Table 2: Initial Web Interview Sample Release

Release Group	Total Number of Cases Released	Approximate Dates of Release
Group A	8	6/20/2011
Group B	251	6/23/2011
Group C	35,736	6/30/2011–7/25/2011
Total	35,995	

During the course of Wave 3 data collection, if an e-mail address was identified through tracing efforts or telephone contact and the enrollee had not yet completed the Wave 3 Survey, the enrollee was added to the web interviewing sample and was included in the e-mail reminders sent to the enrollees in this group who had not yet completed a Wave 3 survey (via any mode). The e-mail reminders also included a personalized web link and password for each enrollee, the same as the e-mail invitations. Enrollees also received an e-mail invitation or reminder upon request, including those reached through another mode of contact. At the beginning of each web interview, enrollees were provided with informed consent information and were asked to confirm their year of birth, prior to starting the interview. If the year of birth provided by the enrollee did not match the year of birth in the WTCHR's records, the enrollee was prohibited from beginning the web survey and was instructed to contact WTCHR staff.

4.1.2 Paper Interviewing

Paper interviewing attempts began shortly after the release of the web interview, with questionnaires mailed to enrollees beginning in July 2011 and continuing through March 2012. The paper questionnaire was sent with a business reply envelope for the enrollee to use to return a completed survey. Initial paper questionnaire mailings were sent to enrollees who did not have an e-mail address on file and, therefore, had not received an e-mail invitation. Other groups of enrollees eventually also

received the paper questionnaire including enrollees with an international address, enrollees in the mode experiment, enrollees selected for a web interview who proved to have an invalid e-mail address, and enrollees who did not complete the web interview after a given amount of time. **Table 3** displays information on the types of cases that were mailed a paper questionnaire, number of cases, and approximate release dates.

Table 3: Initial Paper Questionnaire Mailings

Mailing Groups	Total Number of Initial Paper Questionnaires Mailed	Approximate Dates of Release
Enrollees who did not have an e-mail address on file	18,120	7/12/2011
Enrollees with an international address	105	8/3/2011
Enrollees in the mode experiment	396	8/11/2011
Enrollees who were sent an e-mail invitation, but e-mail address was not valid	9,069	9/1/2011
Enrollees who received an e-mail invitation but were nonresponders	21,059	10/24/2011
Total	48,749	

During the course of Wave 3 data collection, if an updated address was identified through tracing efforts or telephone contact and the enrollee had not yet completed the Wave 3 Survey, the enrollee was added to the paper interviewing sample and sent a questionnaire in the next batch of paper surveys mailed out. If a paper questionnaire had previously been mailed to the enrollee, a new questionnaire was mailed to the new address. Enrollees also received a paper questionnaire upon request, including those reached through another mode of contact.

A cover letter was included with each paper questionnaire providing instructions and information for the enrollee. Enrollee consent for the paper mode was implicit in the return of the paper questionnaire.

4.1.3 Telephone Interviewing

The telephone interview was developed to match the web interview and paper questionnaire as closely as possible; however, minor wording variations were needed because the telephone interview was interviewer-administered instead of self-administered.

Telephone interviewing began in August 2011 for ~400 enrollees selected for the mode experiment (see **Section 6.1**). The full-scale telephone interviewing effort began in September 2011 and continued through March 2012, adding another 42,439 enrollees for telephone contacting.

Selected telephone interview cases for the full-scale effort were rolled out on a flow basis throughout the data collection period. Early telephone interviewing efforts focused on enrollees who had completed the survey during the first two waves of the WTCHR. Enrollees who had completed only the Wave 1 survey were released for telephone interviewing attempts towards the end of Wave 3 telephone interviewing data collection. **Table 4** displays information on the types of cases that were released for telephone interviewing, number of cases, and approximate release dates.

An enrollee was selected for telephone interviewing only if he/she had not already completed a web or paper interview for Wave 3 at the time of selection. If a selected telephone interviewing enrollee completed the Wave 3 Survey in another mode after selection, call attempts were suspended for that enrollee.

Table 4: Telephone Interview Sample Release

Type of Sample Released to Telephone Interviewing	Total Number of Cases Released	Approximate Dates of Release
Telephone Interview Mode Experiment	400	8/11/2011
Wave 2 Telephone Enrollee	4,992	9/20/2011
Wave 2 Web or Mail Enrollee	20,509	10/24/2011–12/8/2011
Web and Mail Mode Experiment	498	1/4/2012
Randomized ~5,000 Wave 1 Only Enrollee	4,905	1/18/2012
Remaining Wave 1 Only Enrollee	11,535	2/6/2012–2/8/2012
Total	42,839	

Telephone Interviewers began calling enrollees approximately 3–5 days after a CATI Lead Letter was mailed. Telephone Interviewers were prepared to receive inbound calls the day after CATI Lead Letter mailings were sent. At the beginning of each call, Telephone Interviewers explained who they were and why they were calling, confirmed the enrollee's year of birth with the enrollee, and then administered informed consent prior to administering the interview. If the enrollee could not complete the survey at that time, the Telephone Interviewer probed for the best day and time to schedule a callback.

For outbound calls to enrollees, the mean number of call attempts to completed cases was 6.9, and the median number of call attempts to completed cases was 5. The maximum call attempts for completed cases ranged up to 40 calls for a small proportion of cases. Up to 30 call attempts were made to original telephone numbers on file at the beginning of Wave 3 data collection. If new telephone numbers were identified by tracing or other contacts, a maximum of 30 new call attempts could be made to the newly identified telephone numbers.

4.1.3.1 Refusal Categorization

Refusals from enrollees occurred for a variety of reasons categorized by reason and strength of the refusal. This information was used to develop tailored approaches to address the concern enrollee raised, and to determine subsequent steps. The majority of the CATI refusals were “soft refusals;” that is, the enrollee conveyed his or her concern in a nonthreatening manner. Interviewers attempted one additional contact with the enrollee to address the concerns about participation and to ask him or her to reconsider participation.

The top reasons an enrollee gave for refusal to complete the telephone interview were: not interested in participating in the WTCHR again; too busy/no time; and not interested without mention of the WTCHR.

Enrollees who were reluctant to complete the interview on the telephone (or if they asked if the survey could be completed via web or paper) were given the option to complete the survey by a mode other than telephone. Enrollees preferred another mode most commonly because they did not feel comfortable giving out personal information on the telephone, or they did not want to spend the time on the telephone answering the questions. Some enrollees informed Telephone Interviewers that they had received the web or paper survey and were planning to complete one of those modes. A total of 11,900 enrollees in the telephone sample elected to complete the survey via web or paper.

Enrollees who wanted to be removed from the WTCHR were informed that a Telephone Interviewer was unable to do so, and they were given the WTCHR toll-free number to call. Those calling the WTCHR to withdraw were finalized as a final CATI refusal. For those enrollees who contacted the

WTCHR to withdraw from the Wave 3 survey were coded as such and not included in paper or web survey reminders or resends.

4.1.3.2 Quality Control of CATI Interviewing

Quality control protocols were integrated into all technical and operational aspects of the WTCHR's Wave 3 CATI interviews. Standard operating procedures reflecting survey research best practices were used for quality control of activities including, but not limited to, interviewing, and data processing. As necessary, project-specific quality control protocols were developed to supplement standard processes. The following describes the primary data quality control processes deployed on the Wave 3 CATI survey.

- *Monitoring of Telephone Interviews.* To ensure that WTCHR interviewers maintained the highest standards of data quality, 10% of the total sample worked by Telephone Interviewers was monitored via live monitoring or by listening to recorded interviews. All interviews were digitally recorded, which provided opportunities for additional review beyond the live monitoring. Monitors listened to full, early recorded interviews by each Telephone Interviewer to assess how well interviewers administered all aspects of the interview. After that, monitors listened to portions of recorded interviews to hear the informed consent scripts and randomly selected sections of the survey questions. Each Telephone Interviewer was routinely monitored, evaluated, and critiqued on skills for gaining cooperation and using standard interviewing techniques. Bilingual quality control staff monitored interviews in Spanish, Mandarin, and Cantonese, and supervisory staff monitored interviews conducted through interpreters as well.
- *Quality Circle Meetings.* During data collection, biweekly meetings were held with Telephone Interviewers to review concerns or problems identified during monitoring sessions or data review. These meetings also addressed protocol, process- or instrument-related questions, and served as a forum for brief retraining sessions.
- *Data Review.* Review of questionnaire frequencies and related cross-tabulations was conducted to ensure that skip patterns were implemented correctly, and to identify any questions that contained high rates of item nonresponse. Verbal and written feedback was provided to interviewers to continuously improve the quality of the data collected, and periodic retraining sessions were held as necessary.

4.2 Mode Experiment

Results from WTCHR Wave 2 suggested that for certain health conditions (e.g., post-traumatic stress disorder [PTSD], asthma), the likelihood of reporting positive symptoms was higher for those completing the survey by web or mail compared to by telephone. Prior research has shown that interviewer-administered survey modes can lead to suppressed reporting on sensitive behaviors (Tourangeau and Smith, 1996). However, it could not be determined whether these observed differences at Wave 2 were due to the mode difference itself, or to differences in the mix of individuals who completed the interview by telephone versus web or mail. At Wave 2, telephone interviewing was only conducted during the final phase of data collection for those enrollees who did not respond via web or mail. Therefore, unobserved but meaningful differences may likely have occurred related to their late response that could explain differences in reported conditions.

To help isolate the effect of mode on responses during Wave 3, an experiment was designed whereby three similar groups of enrollees were initially offered only one mode of response: web, mail, or

telephone. The first phase of the experiment began in September 2011 and concluded in December 2011. For the experiment, ~400 enrollees were assigned to be interviewed by web only, mail only, telephone only (1,200 total). These samples were stratified such that approximately one-quarter of cases in each experimental subgroup were Wave 2 web enrollees, Wave 2 mail enrollees, Wave 2 telephone enrollees, and Wave 2 nonrespondent enrollees. Results of the mode experiment are presented in *Section 6.1*.

4.3 Proxy Interviews

Proxy interviews were conducted if the eligible enrollee was: (1) deceased, (2) mentally incompetent, or (3) seriously physically disabled. In these instances, a legal guardian, family member, or another knowledgeable person provided consent, and completed the interview on behalf of the enrollee. Telephone interviews required the proxy to be a legal guardian or have verbal consent from the enrollee for the proxy to complete the interview on the enrollee's behalf. Enrollees unable to complete the telephone interview due to a physical disability, such as hearing impairment, were offered the option to complete the web or paper questionnaire. Enrollees on active military duty, incarcerated, or out of the country for the duration of the data collection period were not actively pursued.

Table 5 displays the number of interviews completed by a proxy for each mode type and by the reasons a proxy was needed to complete the interview. In all, 282 interviews were completed by a proxy across all mode types. Please note that the deceased proxy interview count includes those cases that completed only a brief deceased survey, as well as a few cases where the full Wave 3 survey was completed. For the paper interview, some of the "other" reasons noted for a proxy included a language barrier, the survey was too difficult for the enrollee to read, the enrollee was away at college or school, the enrollee was out of the country, or the enrollee was unable to complete the interview on their own due to time constraints.

Table 5: Proxy Interviews by Mode and by Reason for Proxy

Reason for Proxy	Number of Proxy Completed Interviews		
	Web	Paper	Telephone
Enrollee has physical or mental disability	10	35	13
Enrollee is deceased	10	32	19
Other Reason	0	158	5
Total	20	225	37

4.4 Languages of Administration

Due to the prevalence of persons who speak languages other than English enrolled in the WTCHR, a language protocol was used to handle telephone interviews in these other languages. The CATI instrument was translated into Mandarin, Cantonese, and Spanish, the three most commonly spoken languages other than English. Bilingual Telephone Interviewers conducted the interview in each of these three languages using the translated version of the instrument.

The second component of the protocol involved enrollees who spoke a language other than English, Spanish, Cantonese, or Mandarin. Interviewers were trained to request translation assistance for languages other than English, Mandarin, Cantonese, and Spanish. Language Line, a vendor who provided real-time translation services in up to 150 languages, assisted with identification of the language the enrollee spoke if the interviewer could not identify it. Telephone Interviewers conducted the interview through an interpreter.

Paper surveys were translated into Spanish and Chinese, and enrollees who indicated their preference (in the previous Wave 1 or Wave 2 surveys, or via personal communications with the WTCHR) for a Spanish or Chinese survey were sent a paper survey in their preferred language.

Table 6 displays the number of completed interviews in each language, including proxy interviews, based on the language identified at the beginning of each interview, and how English, Spanish, Cantonese, Mandarin, and other language interviews are distributed by mode type.

Table 6: Completed Interviews by Language by Mode*

Total Interviews Completed In:	Telephone	Paper
English	6,018	16,510
Spanish	186	490
Chinese	156	512
<i>Cantonese</i>	112	NA
<i>Mandarin</i>	44	NA
Other	42	NA
Total	6,402	17,512

* Table 6 does not include deceased cases that only completed the abbreviated deceased survey.

4.5 Methods for Increasing Response Rates

4.5.1 Tracing

Tracing during data collection began in December 2011 and continued through March 2012. Tracing efforts focused on sample members selected for a telephone interview who did not have current telephone information on file and were in particular priority sample groups, including residents, students/staff, and non-English speaking enrollees.

As with tracing conducted prior to data collection, tracing during data collection was also conducted using batch tracing and intensive tracing. **Section 3.2** provides additional information on these two tracing methods.

Of the 1,202 enrollees that completed the intensive tracing step during data collection, viable contacting information was identified for 84.3%. Additional detail on intensive tracing results during data collection can be found in **Appendix G**.

4.5.2 Reminder Postcards, E-mails and Surveys

For enrollees selected for the web interview mode, reminders to complete the web interview were sent periodically through both e-mail and postal mail. Up to 14 web interview reminder prompts were sent to enrollees selected for the web interview.

For enrollees selected for the paper interview mode, postcard reminders and subsequent paper questionnaires were sent periodically to enrollees through postal mail. Up to five postcard reminders and up to two additional paper questionnaires were sent to enrollees selected for the paper interview. Paper questionnaires were also provided to enrollees on an ad-hoc basis during door-to-door outreach attempts or if they requested that the paper survey be mailed to them.

The Communications Package (**Appendix E**) includes all e-mail and postcard reminders that were sent to enrollees. The Communications Schedule (**Appendix F**) provides information on the number of enrollees that received reminders and the approximate time frame that the reminder was sent.

In addition to e-mail and postal reminders, if their Wave 3 Survey had not yet been completed, enrollees also received reminder calls from the Registry. With these calls, an automated message was delivered, requesting that the enrollee complete the Wave 3 Survey. Up to three reminder calls were placed to enrollees.

4.5.3 Outreach Methods for WTCHR

4.5.3.1 Media Campaign

NYC DOHMH's press office disseminated three press releases during Wave 3 Survey data collection. The first release announced the launch of the adult survey, the second release announced the launch of the Pediatric Survey and the third release announced the final deadline for data collection for the Wave 3 Adult Survey.

The Registry's public affairs liaison actively pitched stories to local media in Lower Manhattan to encourage resident participation, resulting in five news articles published in local downtown publications (e.g., DNA Info, Downtown Express, Tribeca Trib, etc.). During February 2012, a public service announcement ran on 1010 WINS Radio, an affiliate of CBS New York, promoting survey participation among enrollees.

4.5.3.2 Door to Door Outreach

Door-to-Door outreach was concentrated in Lower Manhattan because downtown residents had a lower response rate compared to other eligibility groups. The Registry's public affairs liaison obtained advice and assistance from local community organizations and boards, including the WTCHR's Community Advisory Board, in gaining access to 43 large downtown residential building complexes, which had a total of over 1,300 enrollees, each of whom had not yet completed the Wave 3 Adult Survey.

In winter 2012, intensive door-to-door outreach was successfully conducted by English, Spanish, and Chinese (Mandarin, Cantonese) speaking Registry teams who spoke directly with enrollees, provided surveys upon request, and slipped language-specific survey reminder flyers under the doors of the apartments of enrollees who were not home. These efforts resulted in over 200 face-to-face meetings and the distribution of 763 flyers and 100 surveys. Other DOH staff assisted in this effort with support from the Division of Epidemiology at the NYC DOHMH.

4.5.3.3 Other Outreach

In fall 2011, Registry staff set up informational tables in 11 Lower Manhattan building lobbies during evening hours and weekend days so resident enrollees could pick up information on the survey and 9/11-related health resources, and ask questions.

Chapter 5: Data Preparation and Processing

5. Data Processing of Enrollee Interviews

5.1 Data File Preparation

Enrollee interviews were collected using a combination of three modes: (1) web interview programmed using Microsoft .Net technology and stored in a Microsoft SQL Server database; (2) paper survey created using Teleform software that could be scanned to capture data; and (3) CATI capturing all responses in a Microsoft SQL Server database. For paper interviews in Spanish and Chinese, data were collected using returned mail, batched, and then keyed into the web interview. Data from web and CATI interviews were delivered to NYC DOHMH on a weekly basis, with a final delivery following the completion of data collection. At the end of data collection, interview data from all three modes were merged into a single database.

5.2 Data Quality Control

Concurrent to the periodic data deliveries as well as after the completion of data collection, a number of quality control activities were performed on the data. These activities included a review of response frequencies and inter-item consistency checks, and the monitoring of daily reports that reflected relationships between case status and the data collected.

5.2.1 Data Editing

The web and CATI interview were programmed to route the path through the interview based, as appropriate, on prior responses within the Wave 3 survey, and thereby skip questions that should not have been asked of an enrollee. Additionally, the web and CATI interview were programmed with logical consistency and range checks. To verify the accuracy of the data collected by the programmed instrument and to detect any data anomalies, data analysts scrutinized data for anomalies. Any anomalies detected were reviewed and reconciled as a part of ongoing quality control.

The paper surveys were scanned at NYC DOHMH to capture data. Wave 3 survey specific data quality checks were incorporated into the Teleform program (e.g., range and date checks) and responses outside of these checks were highlighted by Teleform. Each survey was reviewed individually by a staff “verifier” who checked all highlighted and other key fields, and made corrections. A second review of each survey was conducted by a senior QC staff person, and final corrections were made if needed.

5.2.2 Data Review

As described in *Section 4.1.3.2*, review of questionnaire frequencies and related cross-tabulations with web and CATI data was conducted to ensure that skip patterns were implemented correctly, and to identify any questions that contained high item nonresponse rates. Questionnaire items that contained open-ended or other specify verbatim fields were also reviewed for completeness and accuracy in coding. Additionally, any items that were flagged by the data editing system were reviewed so that feedback could be provided to data collection staff as necessary.

As described in *Section 5.2.1*, review of paper questionnaires was conducted to ensure that skip patterns were implemented correctly, and to identify questions that contained high item nonresponse

rates. Frequency checks were run on all fields and anomalies were checked, including all questionnaires with high proportions of blank responses. Questionnaires were also examined to identify marks that were not usually captured by Teleform (e.g., check marks, lines drawn through several answers). In these cases, questionnaire data was typically entered by hand.

5.2.4 De-duplication of Multiple Completed Interviews by Different Modes

A major concern of working with multiple data collection modes is the potential for duplication of interview data because the enrollee may complete the interview in multiple modes. For instance, a person may have started the web interview and decided later to fill out a paper survey and return the paper questionnaire to the NYC DOHMH. Since some data in the web interview were already collected, a protocol was needed to determine which interview data to keep at the end of data collection. Another potential source of error arises when a nonenrollee (e.g., a member of the enrollee's household) completes and returns a survey, and the enrollee does too. In these cases, the two surveys may initially appear as "duplicate" surveys returned by the same enrollee. Alternatively, two enrollees within a household may each complete the other's paper survey by mistake. The following protocol was implemented:

- Checks were built into each survey mode to reduce the likelihood of a survey being completed by a nonenrollee or by another enrollee within the same household. CATI and web surveys required a year of birth verification prior to initiation of the survey and also confirmed the name before other survey questions (full name confirmation on CATI and first name on web). The full name of an enrollee was printed on the paper survey.
- First, a program was run to identify surveys that potentially belonged to a nonenrollee or another enrollee (e.g., a Wave 3 survey contained name, gender, year of birth, or SSN 4 information that was discordant with information the same enrollee provided on the Wave 1 and/or Wave 2 surveys). A total of 34 surveys were identified as problematic, with 22 of these surveys belonging to nonenrollees and 12 of these surveys belonging to an enrollee other than the enrollee specified (e.g., by a full name on a paper survey). The nonenrollee surveys were removed from the completed survey data file and the 12 surveys were reassigned to the correct enrollee ID.
- Second, duplicate surveys were identified and rules were developed. If two (or more) paper surveys were returned for the same enrollee, the first paper survey to arrive at NYC DOHMH was used.
- If duplicated surveys were completed for the same enrollee using different survey modes (e.g., web and paper; web and CATI; or paper and CATI), a definition of *completeness* was used to determine which survey to include in the data file. Completeness was operationalized by the percentage of selected questions answered (e.g., excluding skip questions). If the survey contained at least 80% of the selected questions answered, it was defined as a *complete* survey; if the survey contained between 50% and 79%, it was defined as *partially complete*; and if the survey contained less than 50% of the selected questions answered, it was defined as *incomplete*.
- If the duplicated surveys all had the same level of completeness, then the survey with the earliest date was used.
- If the duplicated surveys contained different levels of completeness, the survey with the most complete data was used.

Chapter 6: Data Collection Results

6. Data Collection Results

6.1 Mode Experiment Results

As shown in **Table 7**, by completion rates of 31%, 37%, and 45% were achieved for the web, mail, and telephone experimental groups in the assigned modes, respectively. Beginning in January 2012, experimental cases were offered the remaining two modes in an attempt to maximize completed surveys (e.g., web cases were offered mail and telephone survey modes) and final completion rates of 66%, 61%, and 62% were achieved for web, mail, and telephone, respectively.

Table 7: Wave 3 Mode Experiment Completion Rates

Wave 3 Mode Assignment	Completed in assigned mode	Final Completion Rate
Web	31%	66%
Mail	37%	61%
Telephone	45%	62%

More details and results regarding the Wave 3 mode experiment are available in Murphy et al., 2012.

6.2 Summary of Outcome Rates

The standards for calculating outcome rates are provided by the American Association for Public Opinion Research (AAPOR, 2011). A total of 68,361 enrollees were eligible for the Wave 3 adult survey, including *new adult* enrollees who were under age 18 at the time of enrollment into the Registry. Those ineligible for the Wave 3 adult survey are adult enrollees who were deceased or who withdrew from all Registry activities, or only from future Registry surveys, prior to the launch of the Wave 3 adult survey in June 2011. Also ineligible for the Wave 3 adult survey were the 1,204 enrollees who were under 18 years of age at the start of the Wave 3 pediatric survey in September 2011 and persons not enrolled in the Registry. The main outcomes rates calculated for the Wave 3 Survey are the contact, cooperation, and response rates.

The *contact rate* measures the proportion of all cases in which an eligible member of the sample was reached by the survey. AAPOR offers three alternative contact rate definitions to fit different survey scenarios. Contact Rate 3 does not regard ineligibles in its calculation and since all enrollees included in the Wave 3 study are eligible, this rate was selected for this report. The contact rate is equal to the total eligible enrollees contacted divided by all eligible enrollees. Note that O (Other) here, and in subsequent rates, includes both Other, contacted non-interview (OC) and Other non-interview, contact probable (OP):

$$\text{CON3} = \frac{(I + P) + R + O}{(I + P) + R + O + \text{NC}}$$

where:

- I = Complete interview
- P = Partial interview

R = Refusal, break-off, and incomplete interview

NC = Non-contact

O = Other

The *cooperation rate* is the proportion of all cases contacted who were interviewed. The denominator for the cooperation rate is equal to the numerator of the contact rate—the total number of eligible enrollees contacted, or in the case of Wave 3, the total number of eligible enrollees definitively or probably contacted. AAPOR Cooperation Rate 2 includes partial completes in the numerator and Others in the denominator.

$$\text{COOP2} = \frac{(I + P)}{(I + P) + R + O}$$

A *contact rate* measures the proportion of all cases in which an eligible enrollee was reached for the survey. The *response rate* is the number of completed and partial interviews divided by the eligible sample. Its value is equal to the product of the contact and cooperation rates, which, for the Registry, is equivalent to AAPOR Response Rate 6:

$$\text{RR6} = \frac{(I + P)}{(I + P) + (R + \text{NC} + \text{OC})}$$

Overall, 68,030 enrollees were definitively or probably contacted during the Wave 3 data collection period. A total of 43,175 agreed to participate and completed the interview. **Table 8** provides a breakdown of enrollees by sample type¹ (responders such as rescue and recovery workers and survivors such as residents, building occupants/passersby) and their contact, cooperation, and response rates for the Wave 3 Survey. Outcome rates are also displayed by enrollee age group and gender.

Table 8: Wave 3 Outcome Rates

	Enrollees	Outcome Rates (%)		
		Contact	Cooperation	Response
All Enrollees	68,361	99.5	63.4	63.1
By eligibility group*				
Responders	30,044	99.6	66.9	66.6
Survivors	38,317	99.5	60.7	60.4
Residents	11,478	99.2	53.9	53.5
Students & school staff	959	99.3	59.3	58.9
Occupants & passersby	25,789	99.6	63.8	63.5
By age on 9/11/2001				
8–17	1,851	98.8	40.1	39.6
18–24	4,320	99.2	50.2	49.8
25–44	36,158	99.6	61.4	61.2
45–64	22,986	99.6	72.2	71.0
65+	2,078	98.9	59.8	59.1
By gender				
Male	41,094	99.6	64.3	64.0
Female	27,265	99.4	62.1	61.7

*While enrollees could be included in more than one eligibility group, in this table they are assigned to only one eligibility group in the order listed.

¹ As during Wave 1, enrollees were classified into a single eligibility group reflecting their greatest potential for exposure. See Murphy, 2006 for more information on the eligibility group hierarchy.

6.3 Outcomes by Method of Administration

Table 9 presents the number of completed interviews by mode. Additional breakdowns and details regarding the outcome rates calculation are presented in Murphy, 2012.

Table 9: Completed Interviews by Mode

Wave 3 Mode Assignment	Total Responders	Percent of all Responders
Web	19,221	44.6
Mail	17,512	40.6
CATI	6,402	14.8

Chapter 7: Post-Survey Activities

After an enrollee completed his/her Wave 3 Survey, Registry staff sent thank you letters via mail to enrollees who completed their survey via paper and by phone, and sent thank you letters via e-mail to enrollees who completed their surveys on the web.

Throughout data collection, the Registry's Treatment Referral Program (TRP) has been providing appropriate, comprehensive, and timely follow-up to address health problems, concerns, and questions reported as comments by enrollees completing the Wave 3 Survey. TRP staff also followed up with enrollees who experienced emotional distress during Wave 3 telephone interviews or who indicated a need for assistance on the paper or web survey. Follow-up included a personalized letter, the WTC Health Program (WTC HP) application, or a telephone call as appropriate.

The TRP plans to conduct personalized outreach to enrollees who are likely eligible for and currently not in care at the WTC HP. Enrollees will receive a mailing including a personalized letter, TRP brochure, reply card and an application form for the appropriate WTC HP, and a telephone call. Interested enrollees will receive information about the program and application process, assistance with the application, follow-up contact to assess the status of the application, and further help when appropriate.

Chapter 8: Data File Contents

8. Guide to Data File Codebook

The WTCHR Wave 3 Adult Survey includes data from web, paper, and telephone modes of data collection. The data file was created for use with SAS analytic software.

8.1 Guide to Hardcopy Codebook

The hardcopy codebook in *Appendix C* supplies a comprehensive description of the WTCHR Wave 3 data file. For each variable in the WTCHR Wave 3 adult data file—including both questionnaire and variables but excluding identifying and contact information—the codebook provides a summary of the related information, including a description, question wording, and the type of response available along with their frequency and percent. The codebook also provides missing data frequencies sorted by the following reserve codes:

- *Don't Know (-1)*: The enrollee reported not knowing an answer to the question (CATI only).
- *Refused to Answer (-2)*: The enrollee refused to answer the question (CATI only).
- *Invalid Data (-4)*: Data for the item are invalid (e.g., multiple answers for single question answers on paper survey) *Out of Range (-5)*: Data for the item are out of range (e.g., diagnosis year is earlier than birth year).
- *Birth Year Mismatch (-6)*: Birth year in the data does not match the pre-loaded birth year.
- *Special Missing (-7)*: Data for the item are inconsistent.
- *Missing Data (-9)*: Data for the item are missing.

References

- The American Association for Public Opinion Research. (2011). *Standard Definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys*. 7th Edition. AAPOR. http://www.aapor.org/AM/Template.cfm?Section=Standard_Definitions2&Template=/CM/ContentDisplay.cfm&ContentID=3156
- Dean, E. F., Caspar, R. A., McAvinchey, G., Reed, L. M., & Quiroz, R. S. (2007). Developing A Low-Cost Technique For Parallel Cross-Cultural Instrument Development: The Question Appraisal System (QAS-04). *International Journal of Social Research Methodology*, 10(3), 227–241.
- Murphy, J. (2006). *World Trade Center Health Registry: Explanation and Calculation of Outcome Rates*. Available at <http://www.nyc.gov/html/doh/wtc/downloads/pdf/wtc/wtc-outcome-explanation.pdf>
- Murphy, J. (2012). *World Trade Center Health Registry Wave 3: Explanation and calculation of outcome rates*. Prepared for the New York City Department of Health and Mental Hygiene.
- Murphy, J., Brackbill, R., Yu, S., Wu, D., Walker, D., Turner, L., Stellman, S., Miller, S., & Saleska, E. (2012). *Disentangling mode and nonresponse effects in the World Trade Center Health Registry*. Presented at the annual conference of the American Association for Public Opinion Research, Orlando, Florida.
- Tourangeau, R., & Smith, T. W. (1996). Asking sensitive questions: The impact of data collection mode, question format, and question context. *Public Opinion Quarterly*, 60, 275–304.
- Willis, G., & Lessler, J. T. (1999). *Question Appraisal System QAS-99*. Rockville, MD: Research Triangle Institute.

Appendix A:
Wave 1–Wave 3 Adult Survey Questionnaire Matrix

WTC Health Registry Snapshot of Adult Survey Topics by Wave

Wave 1: 2003-04 Wave 2: 2006-07 Wave 3: 2011-12

Topics	Contents	Wave 1	Wave 2	Wave 3
A. Demographics and quality of life	Name	x	x	x
	Gender	x	x	x
	Date of birth	x	x	x
	Current age	x	x	x
	Current employment status	x	x	x
	Marital status	x	x	x
	Vital status of enrollee	x		x
	Ethnicity/race	x		
	Household income	x		x
	Education	x		
	Residence on 9/11/2001	x		
	Eligibility group	x		
	Quality of physical/mental health in last 30 days		x	x
	Pre-9/11 & current disabilities/medical conditions		x	
	Height and weight			NEW
	Exercise			NEW
Cognitive function			NEW	
B. Physical health symptoms	Eye irritation	x		
	Hearing problem or loss	x	x	
	Throat irritation/sore throat	x	x	
	Hoarseness or loss of voice	x	x	
	Persistent cough	x	x	x
	Shortness of breath	x	x	x
	Wheezing	x	x	x
	Skin rash or irritation	x	x	
	Frequent severe headaches	x	x	R
	Heartburn, indigestion, or acid reflux	x	x	R
	C. Medically diagnosed physical conditions including medications and hospitalization	Hypertension or high blood pressure	x	x
Angina		x	x	x
Heart attack or myocardial infarction		x	x	x
Other heart disease		x	x	x
Stroke		x	x	x
Diabetes		x	x	x
Hay fever or allergic rhinitis			x	
Asthma		x	x	x
Asthma control				NEW
Chronic bronchitis/COPD			x	x
Emphysema		x	x	x
Reactive airways disease syndrome/RADS			x	x
Sarcoidosis			x	x
Cancer		x	x	R
Pulmonary fibrosis				NEW
Asbestosis				NEW
High cholesterol				NEW
Gastroesophageal reflux disease (GERD)				NEW
Sleep apnea				NEW
Multiple sclerosis (MS), amyotrophic lateral sclerosis (ALS)				NEW

Topics	Contents	Wave 1	Wave 2	Wave 3
	Thyroid disease			NEW
	Rheumatoid arthritis			NEW
	Other autoimmune disorders (e.g., lupus, scleroderma, polymyositis)			NEW
	Menarche / menopause			NEW
D. Injuries on 9/11		x		
E. Access to health care				
	Unmet health care needs		x	x
	Health care access and utilization		x	R
	9/11-related health services utilization		x	R
	Health insurance coverage			NEW
	Usual health care provider			NEW
F. Mental Health symptoms				
	PTSD Checklist	x	x	x
	Functional status			NEW
	Nonspecific psychological distress (Kessler 6 Scale)	x	x	x
	Current depression assessment			NEW
	Generalized anxiety disorder			NEW
	G. Diagnosed mental health conditions			
	Depression	x	x	x
	PTSD, Anxiety disorder		x	x
	Alcohol dependence			NEW
	Mental health medication/treatment		x	R
	History of traumatic stress, traumatic life events			NEW
	Social support		x	R
H. Tobacco & Alcohol use			x	x
I. 9/11 exposures	Exposure details	x	x	
	Dust and debris cloud experience, location, time, evacuation, home or workplace condition, cleaning	x	R	
	Witnessing events	x	R	
J. 9/11 related loss	Death of family, friends, co-workers		x	
K. Union membership			x	
x: item is in the survey NEW: item is new to Wave 3 R: revised or expanded from previous Wave				

Appendix B: Wave 3 Adult Questionnaire



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WORLD TRADE CENTER HEALTH REGISTRY
2011-2012 ADULT SURVEY

This survey is for enrollee:

INSTRUCTIONS:

- Please fill in circles completely using a black or blue ink pen.



Example:

<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
-----------------------	----------------------------------	-----------------------

- Written answers should be printed in capital letters.



Example:

J	A	1	2
---	---	---	---

Today's date:

		/			/				
--	--	---	--	--	---	--	--	--	--

(Month)

(Day)

(Year)

1 Are you the enrollee named above?

Yes

No



a But I am completing this survey for the enrollee named above



Go to Question 2

OR

b The enrollee is deceased



Go to Question A1

on the last page

IMPORTANT! In all questions "you" and "your" refer to the enrollee (even when another person is answering questions for the enrollee.)

2 What is your date of birth?

		/			/				
--	--	---	--	--	---	--	--	--	--

(Month)

(Day)

(Year)

3 What is your gender?

Male

Female

4 What is your current marital status?

Never married

Married

Not married, living with a partner

Widowed

Divorced or separated

5 Are you currently: (Fill in all that apply)

Employed for full-time wages

Employed for part-time wages

Unable to work because of health

Self-employed

Out of work for 1 year or more

Out of work for less than 1 year

A homemaker

A student

Retired

On maternity or parental leave

Looking for work



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WORLD TRADE CENTER HEALTH REGISTRY
2011-2012 ADULT SURVEY

6 What was your total household income in 2010 before taxes?

- \$25,000 or less
- \$25,001 - \$50,000
- \$50,001 - \$75,000
- \$75,001 - \$150,000
- More than \$150,000

7 In general, how satisfied are you with your life?

- Very satisfied
- Satisfied
- Dissatisfied
- Very dissatisfied

8 In general, would you say that your health is:

- Excellent
- Very good
- Good
- Fair
- Poor

9 For questions 9a-c, please provide answers based on the last 30 days.

a. Thinking about your physical health, which includes physical illness and injury, for how many days during the last 30 days was your physical health not good?

Enter number of days: OR None

b. Thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the last 30 days was your mental health not good?

Enter number of days: OR None

c. For how many days did poor physical or mental health keep you from doing your usual activities during the last 30 days?

Enter number of days: OR None

10 During the last month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

- Yes
- No

11 a. What is your height (without shoes)?

Height: /
feet inches

b. What is your current weight?

Weight:
pounds

c. During the last 12 months, did you lose or gain more than 10 pounds without trying?

- Yes
- No

12 In the last 7 days, how often have you had trouble remembering where you put things, like your keys or wallet?

- Never
- Rarely
- Sometimes
- Often
- Very often

13 In the last 7 days, how often have you had trouble concentrating?

- Never
- Rarely
- Sometimes
- Often
- Very often

14 During the last 12 months, have you experienced confusion or memory loss, other than occasionally forgetting the name of someone you recently met?

- Yes
- No **→ Go to Question 16**

15 During the last 12 months, has your confusion or memory loss happened more often or gotten worse?

- Yes
- No



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- 17** For each of the following symptoms, indicate No or Yes. IF YES, continue to answer the additional questions in each row.

	In the <u>last 30 days</u> , have you experienced any of these symptoms when you did <u>not</u> have a cold, the flu, or seasonal allergies?		If Yes, in the <u>last 30 days</u> , how many days did you experience this symptom?	In the <u>last 12 months</u> , have you seen a doctor or other health professional for this symptom?	
	No	Yes	Number of days	No	Yes
a. Shortness of breath	<input type="radio"/>	<input type="radio"/> →	<input type="text"/> <input type="text"/> →	<input type="radio"/>	<input type="radio"/>
b. Wheezing	<input type="radio"/>	<input type="radio"/> →	<input type="text"/> <input type="text"/> →	<input type="radio"/>	<input type="radio"/>
c. Persistent cough	<input type="radio"/>	<input type="radio"/> →	<input type="text"/> <input type="text"/> →	<input type="radio"/>	<input type="radio"/>

- 18** During the last 30 days, have you ever been awakened during the night by a cough, wheezing, or shortness of breath when you did not have a cold, the flu, or seasonal allergies?
 Yes
 No

- 19** During the last 30 days, have you used an inhaler prescribed by a doctor for any breathing problem?
 Yes
 No

- 20** a. In the last 12 months, have you experienced frequent severe headaches?
 Yes
 No → **Go to Question 21**
- b. In the last 12 months, have you seen a doctor or other health professional for frequent severe headaches?
 Yes
 No

- 21** a. In the last 12 months, how often have you experienced heartburn or acid reflux?
 Never
 Less than once a month
 About once a month
 About once a week
 At least twice a week
- b. In the last 12 months, have you seen a doctor or other health professional for heartburn or acid reflux?
 Yes
 No
- c. In the last 30 days, have you experienced heartburn or acid reflux? If yes, indicate the number of days.
 Yes → Number of days:
 No
- d. In the last 30 days, have you taken any medications for heartburn or acid reflux?
 Yes
 No



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22 Have you ever been told by a doctor or other health professional that you had asthma?

Yes



No → Go to Question 25 on the next page

23 a. In what year were you first told by a doctor or other health professional that you had asthma?

Year first told:

b. During the last 12 months, have you had an episode of asthma or an asthma attack?

- Yes
- No

c. During the last 12 months, how many times did you visit an emergency room or urgent care center because of asthma?

Number of visits: OR None

d. In the last 12 months, have you used an inhaler or other medications prescribed by a doctor for asthma?

- Yes
- No

e. During the last 12 months, have you been hospitalized overnight for asthma?

- Yes
- No

24 a. In the last 30 days, how much of the time did your asthma keep you from getting as much done at work, school, or at home?

- All the time
- Most of the time
- Some of the time
- A little of the time
- None of the time

b. During the last 30 days, how often have you had shortness of breath?

- More than once a day
- Once a day
- 3 to 6 times a week
- Once or twice a week
- Not at all

c. During the last 30 days, how often did your asthma symptoms (wheezing, coughing, shortness of breath, chest tightness, or pain) wake you up at night or earlier than usual in the morning?

- 4 or more nights a week
- 2 or 3 nights a week
- Once a week
- Once or twice
- Not at all

d. During the last 30 days, how often have you used a rescue inhaler or nebulizer medication (such as albuterol)?

- 3 or more times per day
- 1 or 2 times per day
- 2 or 3 times per week
- Once a week or less
- Not at all

e. How would you rate your asthma control during the last 30 days?

- Not controlled at all
- Poorly controlled
- Somewhat controlled
- Well controlled
- Completely controlled



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- 25** Have you ever been told by a doctor or other health professional that you had cancer (sometimes called a malignancy)? IF YES, enter your age at diagnosis and the state you lived in at that time.

Yes



No → Go to Question **26**

Type of Cancer			How old were you when you were <u>first</u> told that you had this cancer?	What state did you live in when you were <u>first</u> told that you had this cancer (e.g., NY)?
	No	Yes		
a. Breast	<input type="radio"/>	<input checked="" type="radio"/>	Age: <input type="text"/> <input type="text"/>	State: <input type="text"/> <input type="text"/>
b. Prostate	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
c. Lung	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
d. Colon	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
e. Thyroid	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
f. Blood or lymph system (e.g., leukemia, Hodgkin's disease, non-Hodgkin's or other lymphoma, multiple myeloma)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
g. Malignant melanoma	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
h. Skin cancer other than melanoma (e.g., Basal cell or squamous cell cancer)	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
i. Other cancer, please specify: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

- 26** Do you have any kind of health insurance coverage, including private health insurance, prepaid plans such as an HMO, managed care, or government plans such as Medicare or Medicaid?

Yes
 No

- 27** Do you have at least one person or location you think of as your personal doctor or health care provider?

Yes
 No

- 28** a. Since **09/11/2001**, were you without health insurance at any point?

Yes
 No → Go to Question **29**

- b. Within the **last 12 months**, were you without health insurance at any point?

Yes
 No

- 29** When did you last visit a doctor for a routine check-up (not for a specific injury, illness, or condition)?

Within the last 12 months
 Over a year ago but less than 2 years ago
 Over 2 years ago but less than 5 years ago
 5 or more years ago
 Never in my life



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30 a. During the last 12 months, was there ever a time when you needed health care for physical health problems, but didn't receive it?

- Yes
- No → **Go to Question 31**

b. Why didn't you get the physical health care that you needed? (Fill in all that apply)

- Preferred to manage myself
- Didn't think anything could help
- Couldn't afford to pay
- No insurance or not covered by my insurance
- Problems with transportation, scheduling, childcare, or other family responsibilities
- Did not know where to go or what kind of doctor to go to for care
- Was unable to find a provider who could diagnose or treat my condition
- Afraid to ask for help or of what others would think
- Didn't get around to it or didn't bother

31 a. During the last 12 months, was there ever a time when you needed mental health care or counseling, but didn't receive it?

- Yes
- No → **Go to Question 32**

b. Why didn't you get the mental health care or counseling that you needed? (Fill in all that apply)

- Preferred to manage myself
- Didn't think anything could help
- Couldn't afford to pay
- No insurance or not covered by my insurance
- Problems with transportation, scheduling, childcare, or other family responsibilities
- Did not know where to go or what kind of doctor to go to for care
- Was unable to find a provider who could diagnose or treat my condition
- Afraid to ask for help or of what others would think
- Didn't get around to it or didn't bother

32 a. Have you ever received services from any World Trade Center (WTC) health program?

Yes
↓

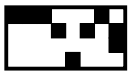
No
↓

b. Which WTC health program did you receive services from? (Fill in all that apply)

- Mount Sinai School of Medicine
- SUNY - Stony Brook
- Queens College
- UMDNJ-University of Medicine and Dentistry of New Jersey
- FDNY
- NYPD
- WTC National Responder Health Program outside NYC
- NYU/Bellevue Hospital Center, Gouverneur Health Care Services or Elmhurst Hospital Center
- Other: _____

c. What are the reasons you have never received services from a WTC health program? (Fill in all that apply)

- I did not need 9/11-related health services
- I wasn't aware of these services
- I was told that I wasn't eligible
- I am under the care of my personal physician, therapist, or other health care provider
- They are not convenient for me
- It was difficult to make an appointment
- I have insurance
- I find it stressful to think that my problems might be related to 9/11
- Other: _____



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33 How much have you been bothered by the following problems in the <u>last 30 days</u>?	Not at all	A little bit	Moderately	Quite a bit	Extremely
a. Repeated, disturbing memories, thoughts, or images of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Repeated, disturbing dreams of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Suddenly acting or feeling as if the events of 9/11 were happening again (as if you were reliving it)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Feeling very upset when something reminded you of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Having physical reactions (e.g., heart pounding, trouble breathing, sweating) when something reminded you of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Avoiding thinking about or talking about the events of 9/11 or avoiding having feelings related to it?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Avoiding activities or situations because they remind you of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Trouble remembering important parts of the events of 9/11?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. Loss of interest in activities that you used to enjoy?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. Feeling distant or cut off from other people?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. Feeling emotionally numb or being unable to have loving feelings for those close to you?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. Feeling as if your future will somehow be cut short?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. Trouble falling or staying asleep?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. Feeling irritable or having angry outbursts?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. Having difficulty concentrating?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. Being "super alert" or watchful or on guard?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
q. Feeling jumpy or easily startled?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**If you answered "NOT AT ALL" to all of the questions above (33a-q),
→ Go to Question 35.**



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34 Thinking about the previous questions in (33a-q):

- a. How difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?
- Not difficult at all
 - Somewhat difficult
 - Very difficult
 - Extremely difficult
- b. In the last 12 months, have you experienced any of these problems continuously for longer than 1 month?
- Yes
 - No
- c. In the last 12 months, have you sought treatment for any of these problems?
- Yes
 - No

35 Over the <u>last 2 weeks</u> , how often have you been bothered by any of the following problems?	Not at all	Several days	More than half the days	Nearly every day
a. Little interest or pleasure in doing things?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Feeling down, depressed, or hopeless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Trouble falling or staying asleep, or sleeping too much?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Feeling tired or having little energy?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Poor appetite or overeating?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Feeling bad about yourself, or that you are a failure or have let yourself or your family down?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Trouble concentrating on things, such as reading the newspaper or watching television?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. Moving or speaking so slowly that other people could have noticed? Or the opposite - being so fidgety or restless that you have been moving around a lot more than usual?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you answered "NOT AT ALL" to all of the previous questions (35a-h), —————> Go to Question 37.

36 Thinking about the questions in (35a-h), how difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?

- Not difficult at all
- Somewhat difficult
- Very difficult
- Extremely difficult



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In the <u>last 30 days</u> , about how often did you feel:	All of the time	Most of the time	Some of the time	A little of the time	None of the time
a. So sad that nothing could cheer you up?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Nervous?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Restless or fidgety?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Hopeless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. That everything was an effort?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Worthless?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

38

Have you ever been told by a doctor or other health professional that you had any of these conditions?

	No	Yes	Year first told				
a. Depression	<input type="radio"/>	<input type="radio"/> →	<table border="1"> <tr> <td> </td><td> </td><td> </td><td> </td> </tr> </table>				
b. Post-traumatic stress disorder or PTSD	<input type="radio"/>	<input type="radio"/> →	<table border="1"> <tr> <td> </td><td> </td><td> </td><td> </td> </tr> </table>				
c. Anxiety disorder, other than PTSD	<input type="radio"/>	<input type="radio"/> →	<table border="1"> <tr> <td> </td><td> </td><td> </td><td> </td> </tr> </table>				

39

During the last 12 months, have you seen a doctor or other health professional for the following conditions?

	No	Yes
a. Depression	<input type="radio"/>	<input type="radio"/>
b. Post-traumatic stress disorder (PTSD)	<input type="radio"/>	<input type="radio"/>
c. Anxiety disorder, other than PTSD	<input type="radio"/>	<input type="radio"/>
d. Nerves, emotions, or other mental health problems	<input type="radio"/>	<input type="radio"/>

40

During the last 12 months, have you taken any prescription medication for the following conditions?

	No	Yes
a. Depression	<input type="radio"/>	<input type="radio"/>
b. Post-traumatic stress disorder (PTSD)	<input type="radio"/>	<input type="radio"/>
c. Anxiety disorder, other than PTSD	<input type="radio"/>	<input type="radio"/>
d. Nerves, emotions, or other mental health problems	<input type="radio"/>	<input type="radio"/>



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The next few questions will ask about events that may have happened to you. We know that these may be sensitive topics and we appreciate your responses. Please do not include the 9/11 disaster when answering the following questions.

41 Excluding the 9/11 disaster, was your life ever threatened by any of the following events or situations? Answer Yes only if you thought you would be (or were) physically harmed.

			Did this occur before 9/11?		Did this occur after 9/11?	
	No	Yes	No	Yes	No	Yes
a. A natural or human-made disaster	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. A serious accident at work, in a car, or somewhere else	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. An attack with a gun, knife, or some other weapon	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. An attack <u>without</u> a weapon, but with the intent to kill or seriously injure you	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. A situation where someone used physical force or threat of force to make you have some type of unwanted sexual contact	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Any other situation in which you were seriously injured or feared you might be killed or seriously injured	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. A situation where you saw someone seriously injured or violently killed	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. A life-threatening illness	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

42 Since September 11, 2001, have you ever experienced any of the following situations?

			Did this occur in the last 12 months?	
	No	Yes	No	Yes
a. Could not pay for food, housing, or other basic necessities for a period of 3 months or longer?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Serious problems at work or lost a job?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Serious family problems involving your spouse, child, or parents?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Took care of a close family member or friend with a serious or life threatening illness?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Serious legal problems?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Lost someone close to you due to accidental death, murder, or suicide?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

43 In the last 2 months, have you experienced the death of a spouse or partner, close family member, or friend?

- Yes
- No



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44 Over the last 2 weeks, how often have you been bothered by any of the following problems?

	Not at all	Several days	More than half the days	Nearly every day
a. Feeling nervous, anxious, or on edge?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. Not being able to stop or control worrying?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. Worrying too much about different things?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. Trouble relaxing?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. Being so restless that it is hard to sit still?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. Becoming easily annoyed or irritable?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. Feeling afraid as if something awful might happen?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

45 How often is someone available:

	None of the time	A little of the time	Some of the time	Most of the time	All of the time
a. To take you to the doctor if you need to go?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. To have a good time with?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. To hug you?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. To prepare your meals if you are unable to do it yourself?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. To understand your problems?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

46 In the last 30 days have you:

- a. Visited, talked, or emailed with friends at least twice?
 Yes
 No
- b. Attended a religious service at least twice?
 Yes
 No
- c. Been actively involved in a volunteer organization or club?
 Yes
 No

47 About how many close friends or relatives do you have now? (By close friends or relatives, we mean people you feel at ease with and can talk with about what is on your mind.)

Number of close friends or relatives: OR None



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

- Every day
- Some days
- Not at all

→ Go to Question 50

49 On average, about how many cigarettes do you smoke per day?

Number of cigarettes:

50 For questions 50 to 52: a drink of alcohol is 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor.

a. During the last 30 days, how many days did you have at least one drink of any alcoholic beverage?

Number of days: OR None

b. On the days when you drank, about how many drinks did you drink on average?

Number of drinks:

c. What is the maximum number of drinks you have consumed on one single occasion in the last 30 days?

Number of drinks:

MALES ONLY

51 a. During the last 12 months, about how often did you drink 5 or more drinks in a single day?

- Never → Go to Question 57
- Once
- More than once

b. Considering all types of alcoholic beverages, how many times during the last 30 days did you have 5 or more drinks on one occasion?

Number of times: OR None

Go to Question 57 on the next page →

FEMALES ONLY

52 a. During the last 12 months, about how often did you drink 4 or more drinks in a single day?

- Never → Go to Question 53
- Once
- More than once

b. Considering all types of alcoholic beverages, how many times during the last 30 days did you have 4 or more drinks on one occasion?

Number of times: OR None

FEMALES continue to answer Questions 53-56:

53 How old were you when you had your first monthly period?

Age:

Period not started yet → Go to Question 57

54 Do you still have your monthly periods?

- Yes → Go to Question 57
- No

55 How old were you when your monthly periods stopped?

Age:

56 Why did your monthly periods stop?

- Menopause or change of life
- Pregnant or nursing
- Surgery, medicine, or radiation



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For questions 57 to 60: the following information is requested from you to properly keep track of who is enrolled in the Registry. This information will remain strictly confidential. If you would like to provide us with your full Social Security number, please call us at 866-692-9827.

57 Enter the last 4 digits of your Social Security Number:

58 What is your current email address?

59 What is (was) your father's last name?

60 Where were you born?
U.S. State: OR Country (If outside of U.S.): _____

Note: If you are completing the survey for someone else, or if the enrollee has died, please also answer questions A1 to A3 below.

Thank you for completing the survey

Please place the completed survey in the envelope provided. If the envelope was not included or lost, call us at 866-692-9827.

Visit nyc.gov/9-11healthinfo for the latest information on 9/11-related research and services.

A1 Your name:
First

Last
Phone number: - -

A2 What prevented the enrollee from completing the survey?
 A physical or mental disability
 A language barrier
 The survey was too difficult for the person to read
 The enrollee is deceased
 Other reason, please specify: _____

A3 If the enrollee has died, please accept our condolences. Complete only the information below and mail back the survey or call us at 866-692-9827.
Date of death: / /
(Month) (Day) (Year)

Place of death: U.S. State:
OR
Country (If outside of U.S.): _____

Appendix C: Wave 3 Adult Codebook

Variable: ControlNo
Description: Control number
Stem: enrollee ID
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		43135	100.00%	43135	100.00%
Out of range		0	0.00%	43135	100.00%

Variable: mode_w3
Description: Interview mode (mail, phone, web)
Stem:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Web	W	19221	44.56%	19221	44.56%
Phone	P	6402	14.84%	25623	59.40%
Mail	M	17512	40.60%	43135	100.00%

Variable: language_w3
Description: Interview language
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
English	1	41749	96.79%	41749	96.79%
Spanish	2	676	1.57%	42425	98.35%
Chinese	3	668	1.55%	43093	99.90%
CATI Other	5	42	0.10%	43135	100.00%

Variable: Complete_w3
Description: Partial or completed interview
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Partial	0	992	2.30%	992	2.30%
Complete	1	42143	97.70%	43135	100.00%

Variable: Enrollee_fname_w3
Description: Web - Enrollee First Name
Stem:
Type: Text
Notes: Web only

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		19182	44.47%	19182	44.47%
Missing		23953	55.53%	43135	100.00%

Variable: Status_code_w3
Description: Web and cati - interview status code
Stem:
Type: Single
Notes: Web and CATI only

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Breakoff		220	1.53%	662	1.53%
Complete - not submitted		291	0.47%	863	2.00%
Complete - submitted		295	57.40%	25623	59.40%
Missing		-9	40.60%	43135	100.00%

Variable: intdate_mm_w3
Description: Date of survey (mm)
Stem: Today's date - mm
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		43135	100.00%	43135	100.00%
Out of range		0	0.00%	43135	100.00%

Variable: intdate_dd_w3
Description: Date of survey (dd)
Stem: Today's date - dd
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		43135	100.00%	43135	100.00%
Out of range		0	0.00%	43135	100.00%

Variable: intdate_yyyy_w3
Description: Date of survey (yyyy)
Stem: Today's date - yyyy
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		43135	100.00%	43135	100.00%
Out of range		0	0.00%	43135	100.00%

Variable: enrollee_w3**Description:** q1: Enrollee (vs. proxy) completing survey**Stem:** Are you the enrollee named above?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Enrollee	1	42200	97.83%	42200	97.83%
Proxy - live enrollee	2	221	0.51%	42421	98.34%
Proxy - deceased enrollee	3	0	0.00%	42421	98.34%
Don't know	-1	0	0.00%	42421	98.34%
Refused	-2	0	0.00%	42421	98.34%
Invalid	-4	5	0.01%	42426	98.36%
Missing	-9	709	1.64%	43135	100.00%

Variable: dob_mm_w3**Description:** q2. Date of Birth (mm)**Stem:** What is your date of birth? - month**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		42701	98.99%	42701	98.99%
Out of range		0	0.00%	42701	98.99%
Don't know	-1	11	0.03%	42712	99.02%
Refused	-2	55	0.13%	42767	99.15%
Invalid	-4	0	0.00%	42767	99.15%
Missing	-9	368	0.85%	43135	100.00%

Variable: dob_dd_w3**Description:** q2. Date of Birth (dd)**Stem:** What is your date of birth? - day**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		42446	98.40%	42446	98.40%
Out of range		1	0.00%	42447	98.41%
Don't know	-1	12	0.03%	42459	98.43%
Refused	-2	62	0.14%	42521	98.58%
Invalid	-4	0	0.00%	42521	98.58%
Missing	-9	614	1.42%	43135	100.00%

Variable: dob_yyyy_recode_w3**Description:** q2. Date of Birth (yyyy) (recode)**Stem:** What is your date of birth? - year**Type:** Text**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		42596	98.75%	42596	98.75%
Don't know	-1	0	0.00%	42596	98.75%
Refused	-2	0	0.00%	42596	98.75%
Invalid	-4	0	0.00%	42596	98.75%
Out of range	-5	109	0.25%	42705	99.00%
Birth year mismatch	-6	125	0.29%	42830	99.29%
Missing	-9	305	0.71%	43135	100.00%

Variable: gender_w3**Description:** q3. Gender**Stem:** What is your gender?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Male	1	26207	60.76%	26207	60.76%
Female	2	16704	38.72%	42911	99.48%
Don't know	-1	0	0.00%	42911	99.48%
Refused	-2	0	0.00%	42911	99.48%
Invalid	-4	0	0.00%	42911	99.48%
Missing	-9	224	0.52%	43135	100.00%

Variable: mar_status_w3**Description:** q4. Current marital status**Stem:** What is your current marital status?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never married	1	6782	15.72%	6782	15.72%
Married	2	27234	63.14%	34016	78.86%
Not married, living with a partner	3	1816	4.21%	35832	83.07%
Widowed	4	1356	3.14%	37188	86.21%
Divorced or separated	5	5650	13.10%	42838	99.31%
Don't know	-1	1	0.00%	42839	99.31%
Refused	-2	17	0.04%	42856	99.35%
Invalid	-4	40	0.09%	42896	99.45%
Missing	-9	239	0.55%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: employ_full_w3
Description: q5.1: Currently employed full time
Stem: Employed for full-time wages
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	18352	42.55%	18352	42.55%
Selected	1	24760	57.40%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: selfemployed_w3
Description: q5.4: Currently self-employed
Stem: Self-employed
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	39459	91.48%	39459	91.48%
Selected	1	3653	8.47%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: employ_part_w3
Description: q5.2: Currently employed part time
Stem: employed for part-time wages
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	40258	93.33%	40258	93.33%
Selected	1	2854	6.62%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: not_employ_1yr_w3
Description: q5.5: Currently unemployed for >=1 year
Stem: Out of work for 1 year of more
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	40299	93.43%	40299	93.43%
Selected	1	2813	6.52%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: not_employ_hlth_w3
Description: q5.3: Currently not employed due to health
Stem: Unable to work because of health
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	39974	92.67%	39974	92.67%
Selected	1	3138	7.27%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: not_employ_ltyr_w3
Description: q5.6: Currently unemployed for <1 year
Stem: Out of work for less than 1 year
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	41843	97.00%	41843	97.00%
Selected	1	1269	2.94%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: homemaker_w3
Description: q5.7: Currently homemaker
Stem: A homemaker
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	41329	95.81%	41329	95.81%
Selected	1	1783	4.13%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: student_w3
Description: q5.8: Currently student
Stem: A student
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	42090	97.58%	42090	97.58%
Selected	1	1022	2.37%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: retired_w3
Description: q5.9: Currently retired
Stem: Retired
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	34480	79.94%	34480	79.94%
Selected	1	8632	20.01%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: leave_w3
Description: q5.10: Currently on maternity or parental leave
Stem: On maternity or parental leave
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	42998	99.68%	42998	99.68%
Selected	1	114	0.26%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: look_work_w3
Description: q5.11: Currently looking for work
Stem: Looking for work
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Selected	0	40551	94.01%	40551	94.01%
Selected	1	2561	5.94%	43112	99.95%
Don't know	-1	16	0.04%	43128	99.98%
Refused	-2	7	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: income_w3
Description: q6: Household income in 2010
Stem: What was your total household income in 2010 before taxes?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
\$25,000 or less	1	4385	10.17%	4385	10.17%
\$25,001-\$50,000	2	5884	13.64%	10269	23.81%
\$50,001-\$75,000	3	7008	16.25%	17277	40.05%
\$75,001-\$150,000	4	14917	34.58%	32194	74.64%
More than \$150,000	5	8656	20.07%	40850	94.70%
Don't know	-1	151	0.35%	41001	95.05%
Refused	-2	461	1.07%	41462	96.12%
Invalid	-4	14	0.03%	41476	96.15%
Missing	-9	1659	3.85%	43135	100.00%

Variable: gensatisfied_w3
Description: q7. How satisfied with life
Stem: In general, how satisfied are you with your life?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Very satisfied	1	10487	24.31%	10487	24.31%
Satisfied	2	24764	57.41%	35251	81.72%
Dissatisfied	3	6211	14.40%	41462	96.12%
Very dissatisfied	4	1255	2.91%	42717	99.03%
Don't know	-1	36	0.08%	42753	99.11%
Refused	-2	22	0.05%	42775	99.17%
Invalid	-4	36	0.08%	42811	99.25%
Missing	-9	324	0.75%	43135	100.00%

Variable: genhlth_w3
Description: q8. General health
Stem: In general, would you say that your health is?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Excellent	1	3713	8.61%	3713	8.61%
Very good	2	11740	27.22%	15453	35.82%
Good	3	15802	36.63%	31255	72.46%
Fair	4	9103	21.10%	40358	93.56%
Poor	5	2486	5.76%	42844	99.33%
Don't know	-1	15	0.03%	42859	99.36%
Refused	-2	1	0.00%	42860	99.36%
Invalid	-4	71	0.16%	42931	99.53%
Missing	-9	204	0.47%	43135	100.00%

Variable: physhlth_w3
Description: q9a. Number of days had poor physical health in last 30 days
Stem: Thinking about your physical health, which includes physical illness and injury, for how many days during the last 30 days was your physical health not good? Enter number of days
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	0	16891	39.16%	16891	39.16%
	1	2239	5.19%	19130	44.35%
	2	3267	7.57%	22397	51.92%
	3	2352	5.45%	24749	57.38%
	4	1429	3.31%	26178	60.69%
	5	3043	7.05%	29221	67.74%
	6	531	1.23%	29752	68.97%
	7	1088	2.52%	30840	71.50%
	8	432	1.00%	31272	72.50%
	9	160	0.37%	31432	72.87%
	10	2780	6.44%	34212	79.31%
	11	72	0.17%	34284	79.48%
	12	282	0.65%	34566	80.13%
	13	54	0.13%	34620	80.26%
	14	445	1.03%	35065	81.29%
	15	1596	3.70%	36661	84.99%
	16	71	0.16%	36732	85.16%
	17	47	0.11%	36779	85.26%
	18	108	0.25%	36887	85.52%
	19	42	0.10%	36929	85.61%
	20	1273	2.95%	38202	88.56%
	21	140	0.32%	38342	88.89%
	22	54	0.13%	38396	89.01%
	23	47	0.11%	38443	89.12%
	24	48	0.11%	38491	89.23%
	25	463	1.07%	38954	90.31%
	26	38	0.09%	38992	90.40%
	27	59	0.14%	39051	90.53%
	28	152	0.35%	39203	90.88%
	29	37	0.09%	39240	90.97%
	30	3277	7.60%	42517	98.57%
Out of range		81	0.19%	42598	98.76%
Don't know	-1	90	0.21%	42688	98.96%
Refused	-2	12	0.03%	42700	98.99%
Invalid	-4	0	0.00%	42700	98.99%
Missing	-9	435	1.01%	43135	100.00%

Variable: menthlth_w3
Description: q9b. Number of days had poor mental health in last 30 days
Stem: Thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the last 30 days was your mental health not good? Enter number of days
Type: Text
Notes:

Variable: poorhlth_w3
Description: q9c. Number of days poor health curtailed routine in last 30 days
Stem: For how many days did poor physical or mental health keep you from doing your usual activities during the last 30 days? Enter number of days
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent	Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	0	16291	37.77%	16291	37.77%	0	0	23098	53.55%	23098	53.55%
1	1	1706	3.96%	17997	41.72%	1	1	2015	4.67%	25113	58.22%
2	2	2745	6.36%	20742	48.09%	2	2	2523	5.85%	27636	64.07%
3	3	2096	4.86%	22838	52.95%	3	3	1601	3.71%	29237	67.78%
4	4	1241	2.88%	24079	55.82%	4	4	974	2.26%	30211	70.04%
5	5	3349	7.76%	27428	63.59%	5	5	2347	5.44%	32558	75.48%
6	6	466	1.08%	27894	64.67%	6	6	372	0.86%	32930	76.34%
7	7	917	2.13%	28811	66.79%	7	7	731	1.69%	33661	78.04%
8	8	386	0.89%	29197	67.69%	8	8	377	0.87%	34038	78.91%
9	9	144	0.33%	29341	68.02%	9	9	116	0.27%	34154	79.18%
10	10	3342	7.75%	32683	75.77%	10	10	2168	5.03%	36322	84.21%
11	11	73	0.17%	32756	75.94%	11	11	49	0.11%	36371	84.32%
12	12	312	0.72%	33068	76.66%	12	12	218	0.51%	36589	84.82%
13	13	58	0.13%	33126	76.80%	13	13	33	0.08%	36622	84.90%
14	14	314	0.73%	33440	77.52%	14	14	249	0.58%	36871	85.48%
15	15	2358	5.47%	35798	82.99%	15	15	1484	3.44%	38355	88.92%
16	16	82	0.19%	35880	83.18%	16	16	48	0.11%	38403	89.03%
17	17	73	0.17%	35953	83.35%	17	17	46	0.11%	38449	89.14%
18	18	122	0.28%	36075	83.63%	18	18	84	0.19%	38533	89.33%
19	19	28	0.06%	36103	83.70%	19	19	23	0.05%	38556	89.38%
20	20	1825	4.23%	37928	87.93%	20	20	1104	2.56%	39660	91.94%
21	21	106	0.25%	38034	88.17%	21	21	96	0.22%	39756	92.17%
22	22	67	0.16%	38101	88.33%	22	22	35	0.08%	39791	92.25%
23	23	50	0.12%	38151	88.45%	23	23	33	0.08%	39824	92.32%
24	24	33	0.08%	38184	88.52%	24	24	29	0.07%	39853	92.39%
25	25	731	1.69%	38915	90.22%	25	25	410	0.95%	40263	93.34%
26	26	69	0.16%	38984	90.38%	26	26	45	0.10%	40308	93.45%
27	27	72	0.17%	39056	90.54%	27	27	27	0.06%	40335	93.51%
28	28	189	0.44%	39245	90.98%	28	28	87	0.20%	40422	93.71%
29	29	56	0.13%	39301	91.11%	29	29	28	0.06%	40450	93.78%
30	30	3191	7.40%	42492	98.51%	30	30	2063	4.78%	42513	98.56%
Out of range		51	0.12%	42543	98.63%	Out of range		47	0.11%	42560	98.67%
Don't know	-1	77	0.18%	42620	98.81%	Don't know	-1	68	0.16%	42628	98.82%
Refused	-2	17	0.04%	42637	98.85%	Refused	-2	12	0.03%	42640	98.85%
Invalid	-4	2	0.00%	42639	98.85%	Invalid	-4	0	0.00%	42640	98.85%
Missing	-9	496	1.15%	43135	100.00%	Missing	-9	495	1.15%	43135	100.00%

Variable: exercise_w3
Description: q10. Physical activity - last month
 During the last month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening or walking for exercise?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	31305	72.57%	31305	72.57%
No	2	11380	26.38%	42685	98.96%
Don't know	-1	1	0.00%	42686	98.96%
Refused	-2	3	0.01%	42689	98.97%
Invalid	-4	4	0.01%	42693	98.98%
Missing	-9	442	1.02%	43135	100.00%

Variable: height_w3
Description: q11a. Height w/o shoes (inches)
Stem: What is your height (without shoes)?- inches
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		42693	98.98%	42693	98.98%
Don't know	-1	44	0.10%	42737	99.08%
Refused	-2	7	0.02%	42744	99.09%
Invalid	-4	0	0.00%	42744	99.09%
Out of range	-5	122	0.28%	42866	99.38%
Missing	-9	269	0.62%	43135	100.00%

Variable: weight_w3
Description: q11b. Current Weight (pounds)
Stem: What is your current weight?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		42545	98.63%	42545	98.63%
Out of range		8	0.02%	42553	98.65%
Don't know	-1	63	0.15%	42616	98.80%
Refused	-2	64	0.15%	42680	98.95%
Invalid	-4	0	0.00%	42680	98.95%
Missing	-9	455	1.05%	43135	100.00%

Variable: gain_lose_w3
Description: q11c. Gained or lost >10 lbs in last 12 mos.
Stem: During the last 12 month did you lose or gain more than 10 pounds without trying?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	13099	30.37%	13099	30.37%
No	2	29612	68.65%	42711	99.02%
Don't know	-1	53	0.12%	42764	99.14%
Refused	-2	4	0.01%	42768	99.15%
Invalid	-4	7	0.02%	42775	99.17%
Missing	-9	360	0.83%	43135	100.00%

Variable: remember_7d_w3
Description: q12. Trouble remembering - last 7 days
 In the last 7 days, how often have you had trouble remembering where you put things, like your keys or wallet?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	1	7504	17.40%	7504	17.40%
Rarely	2	12513	29.01%	20017	46.41%
Sometimes	3	16634	38.56%	36651	84.97%
Often	4	4451	10.32%	41102	95.29%
Very often	5	1816	4.21%	42918	99.50%
Don't know	-1	2	0.00%	42920	99.50%
Refused	-2	2	0.00%	42922	99.51%
Invalid	-4	22	0.05%	42944	99.56%
Missing	-9	191	0.44%	43135	100.00%

Variable: concentrate_7d_w3
Description: q13. Trouble concentrating - last 7 days
 In the last 7 days, how often have you had trouble concentrating?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	1	6794	15.75%	6794	15.75%
Rarely	2	12804	29.68%	19598	45.43%
Sometimes	3	16891	39.16%	36489	84.59%
Often	4	4751	11.01%	41240	95.61%
Very often	5	1644	3.81%	42884	99.42%
Don't know	-1	4	0.01%	42888	99.43%
Refused	-2	1	0.00%	42889	99.43%
Invalid	-4	16	0.04%	42905	99.47%
Missing	-9	230	0.53%	43135	100.00%

Variable: memory_12m_w3
Description: q14. Confusion/memory loss - last 12 months
Stem: During the last 12 months, have you experienced confusion or memory loss, other than occasionally forgetting the name of someone you recently met?
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	14483	33.58%	14483	33.58%
No	2	28246	65.48%	42729	99.06%
Don't know	-1	30	0.07%	42759	99.13%
Refused	-2	3	0.01%	42762	99.14%
Invalid	-4	3	0.01%	42765	99.14%
Missing	-9	370	0.86%	43135	100.00%

Variable: memory_worse_12m_w3
Description: q15. Confusion/memory loss worsened - last 12 months
Stem: During the last 12 months, has your confusion or memory loss happened more often or gotten worse?
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7771	18.02%	7771	18.02%
No	2	8211	19.04%	15982	37.05%
Don't know	-1	34	0.08%	16016	37.13%
Refused	-2	3	0.01%	16019	37.14%
Invalid	-4	4	0.01%	16023	37.15%
Missing	-9	27112	62.85%	43135	100.00%

Variable: hypertension_w3
Description: q16a. Hypertension: told by health professional
Stem: a. Hypertension, or high blood pressure
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	15524	35.99%	15524	35.99%
No	2	26760	62.04%	42284	98.03%
Don't know	-1	18	0.04%	42302	98.07%
Refused	-2	4	0.01%	42306	98.08%
Invalid	-4	2	0.00%	42308	98.08%
Missing	-9	827	1.92%	43135	100.00%

Variable: hypertension_yr_recode_w3
Description: Hypertension: year first told (q16a) (recode)
Stem: Year first told
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		14356	33.28%	14356	33.28%
Don't know	-1	245	0.57%	14601	33.85%
Refused	-2	0	0.00%	14601	33.85%
Invalid	-4	1	0.00%	14602	33.85%
Out of range	-5	55	0.13%	14657	33.98%
Missing	-9	28478	66.02%	43135	100.00%

Variable: hypertension_meds_w3
Description: Hypertension: currently taking meds (16a)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	11940	27.68%	11940	27.68%
No	2	4736	10.98%	16676	38.66%
Don't know	-1	5	0.01%	16681	38.67%
Refused	-2	0	0.00%	16681	38.67%
Invalid	-4	16	0.04%	16697	38.71%
Missing	-9	26438	61.29%	43135	100.00%

Variable: hypertension_hosp_w3
Description: Hypertension: hospitalized - last 12 months (q16a)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single

Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	575	1.33%	575	1.33%
No	2	15722	36.45%	16297	37.78%
Don't know	-1	4	0.01%	16301	37.79%
Refused	-2	0	0.00%	16301	37.79%
Invalid	-4	7	0.02%	16308	37.81%
Missing	-9	26827	62.19%	43135	100.00%

Variable: angina_w3
Description: q16b. Angina: told by health professional
Stem: b. Angina, also called angina pectoris
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1230	2.85%	1230	2.85%
No	2	40139	93.05%	41369	95.91%
Don't know	-1	98	0.23%	41467	96.13%
Refused	-2	8	0.02%	41475	96.15%
Invalid	-4	5	0.01%	41480	96.16%
Missing	-9	1655	3.84%	43135	100.00%

Variable: angina_yr_recode_w3
Description: Angina: year first told (q16b) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1037	2.40%	1037	2.40%
Don't know	-1	18	0.04%	1055	2.45%
Refused	-2	0	0.00%	1055	2.45%
Invalid	-4	0	0.00%	1055	2.45%
Out of range	-5	18	0.04%	1073	2.49%
Missing	-9	42062	97.51%	43135	100.00%

Variable: angina_meds_w3
Description: Angina: currently taking meds (q16b)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	650	1.51%	650	1.51%
No	2	2674	6.20%	3324	7.71%
Don't know	-1	4	0.01%	3328	7.72%
Refused	-2	0	0.00%	3328	7.72%
Invalid	-4	4	0.01%	3332	7.72%
Missing	-9	39803	92.28%	43135	100.00%

Variable: angina_hosp_w3
Description: Angina: hospitalized - last 12 months (q16b)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	192	0.45%	192	0.45%
No	2	3152	7.31%	3344	7.75%
Don't know	-1	0	0.00%	3344	7.75%
Refused	-2	0	0.00%	3344	7.75%
Invalid	-4	3	0.01%	3347	7.76%
Missing	-9	39788	92.24%	43135	100.00%

Variable: heart_attack_w3
Description: q16c. Heart Attack/MCI: told by health professional
Stem: Heart attack or myocardial infarction
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1404	3.25%	1404	3.25%
No	2	40081	92.92%	41485	96.17%
Don't know	-1	34	0.08%	41519	96.25%
Refused	-2	3	0.01%	41522	96.26%
Invalid	-4	3	0.01%	41525	96.27%
Missing	-9	1610	3.73%	43135	100.00%

Variable: heart_attack_yr_recode_w3
Description: Heart Attack: year first told (q16c) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1242	2.88%	1242	2.88%
Don't know	-1	19	0.04%	1261	2.92%
Refused	-2	0	0.00%	1261	2.92%
Invalid	-4	1	0.00%	1262	2.93%
Out of range	-5	16	0.04%	1278	2.96%
Missing	-9	41857	97.04%	43135	100.00%

Variable: heart_attack_meds_w3**Description:** Heart Attack: currently taking meds (q16c)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	1004	2.33%	1004	2.33%
No	2	2465	5.71%	3469	8.04%
Don't know	-1	2	0.00%	3471	8.05%
Refused	-2	0	0.00%	3471	8.05%
Invalid	-4	1	0.00%	3472	8.05%
Missing	-9	39663	91.95%	43135	100.00%

Variable: heart_attack_hosp_w3**Description:** Heart Attack: hospitalized last 12 months(q16c)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	252	0.58%	252	0.58%
No	2	3161	7.33%	3413	7.91%
Don't know	-1	1	0.00%	3414	7.91%
Refused	-2	0	0.00%	3414	7.91%
Invalid	-4	3	0.01%	3417	7.92%
Missing	-9	39718	92.08%	43135	100.00%

Variable: chd_w3**Description:** q16d. Coronary heart disease: told by health professional**Stem:** Coronary heart disease**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2144	4.97%	2144	4.97%
No	2	39340	91.20%	41484	96.17%
Don't know	-1	50	0.12%	41534	96.29%
Refused	-2	4	0.01%	41538	96.30%
Invalid	-4	4	0.01%	41542	96.31%
Missing	-9	1593	3.69%	43135	100.00%

Variable: chd_yr_recode_w3**Description:** Coronary heart disease: year first told (q16d) (recode)**Stem:** Year first told**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1929	4.47%	1929	4.47%
Don't know	-1	13	0.03%	1942	4.50%
Refused	-2	0	0.00%	1942	4.50%
Invalid	-4	0	0.00%	1942	4.50%
Out of range	-5	16	0.04%	1958	4.54%
Missing	-9	41177	95.46%	43135	100.00%

Variable: chd_meds_w3**Description:** Coronary heart disease: currently taking meds (q16d)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	1702	3.95%	1702	3.95%
No	2	2395	5.55%	4097	9.50%
Don't know	-1	5	0.01%	4102	9.51%
Refused	-2	0	0.00%	4102	9.51%
Invalid	-4	4	0.01%	4106	9.52%
Missing	-9	39029	90.48%	43135	100.00%

Variable: chd_hosp_w3**Description:** Coronary heart disease: hospitalized - last 12 months (q16d)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	410	0.95%	410	0.95%
No	2	3689	8.55%	4099	9.50%
Don't know	-1	2	0.00%	4101	9.51%
Refused	-2	0	0.00%	4101	9.51%
Invalid	-4	2	0.00%	4103	9.51%
Missing	-9	39032	90.49%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: stroke_w3
Description: q16e. Stroke: told by health professional
Stem: Stroke
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	775	1.80%	775	1.80%
No	2	40706	94.37%	41481	96.17%
Don't know	-1	12	0.03%	41493	96.19%
Refused	-2	3	0.01%	41496	96.20%
Invalid	-4	3	0.01%	41499	96.21%
Missing	-9	1636	3.79%	43135	100.00%

Variable: stroke_yr_recode_w3
Description: Stroke: year first told (q16e) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		634	1.47%	634	1.47%
Don't know	-1	14	0.03%	648	1.50%
Refused	-2	0	0.00%	648	1.50%
Invalid	-4	0	0.00%	648	1.50%
Out of range	-5	7	0.02%	655	1.52%
Missing	-9	42480	98.48%	43135	100.00%

Variable: stroke_meds_w3
Description: Stroke: currently taking meds (q16e)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	442	1.02%	442	1.02%
No	2	2462	5.71%	2904	6.73%
Don't know	-1	3	0.01%	2907	6.74%
Refused	-2	0	0.00%	2907	6.74%
Invalid	-4	3	0.01%	2910	6.75%
Missing	-9	40225	93.25%	43135	100.00%

Variable: stroke_hosp_w3
Description: Stroke: hospitalized - last 12 months (q16e)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	134	0.31%	134	0.31%
No	2	2748	6.37%	2882	6.68%
Don't know	-1	1	0.00%	2883	6.68%
Refused	-2	0	0.00%	2883	6.68%
Invalid	-4	2	0.00%	2885	6.69%
Missing	-9	40250	93.31%	43135	100.00%

Variable: diabetes_w3
Description: q16f. Diabetes: told by health professional
Stem: Diabetes, or sugar diabetes
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4439	10.29%	4439	10.29%
No	2	37307	86.49%	41746	96.78%
Don't know	-1	16	0.04%	41762	96.82%
Refused	-2	2	0.00%	41764	96.82%
Invalid	-4	2	0.00%	41766	96.83%
Missing	-9	1369	3.17%	43135	100.00%

Variable: diabetes_yr_recode_w3
Description: Diabetes: year first told (q16f) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		4009	9.29%	4009	9.29%
Don't know	-1	44	0.10%	4053	9.40%
Refused	-2	0	0.00%	4053	9.40%
Invalid	-4	0	0.00%	4053	9.40%
Out of range	-5	24	0.06%	4077	9.45%
Missing	-9	39058	90.55%	43135	100.00%

Variable: diabetes_meds_w3**Description:** Diabetes: currently taking meds (q16f)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3443	7.98%	3443	7.98%
No	2	2758	6.39%	6201	14.38%
Don't know	-1	0	0.00%	6201	14.38%
Refused	-2	0	0.00%	6201	14.38%
Invalid	-4	5	0.01%	6206	14.39%
Missing	-9	36929	85.61%	43135	100.00%

Variable: diabetes_hosp_w3**Description:** Diabetes: hospitalized - last 12 months (q16f)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	222	0.51%	222	0.51%
No	2	5846	13.55%	6068	14.07%
Don't know	-1	0	0.00%	6068	14.07%
Refused	-2	0	0.00%	6068	14.07%
Invalid	-4	1	0.00%	6069	14.07%
Missing	-9	37066	85.93%	43135	100.00%

Variable: chbronch_w3**Description:** q16g: Chronic bronchitis: told by health professional**Stem:** Chronic bronchitis**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4265	9.89%	4265	9.89%
No	2	37246	86.35%	41511	96.24%
Don't know	-1	36	0.08%	41547	96.32%
Refused	-2	3	0.01%	41550	96.33%
Invalid	-4	6	0.01%	41556	96.34%
Missing	-9	1579	3.66%	43135	100.00%

Variable: chbronch_yr_recode_w3**Description:** Chronic bronchitis: year first told (q16g) (recode)**Stem:** Year first told**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		3751	8.70%	3751	8.70%
Don't know	-1	85	0.20%	3836	8.89%
Refused	-2	1	0.00%	3837	8.90%
Invalid	-4	1	0.00%	3838	8.90%
Out of range	-5	22	0.05%	3860	8.95%
Missing	-9	39275	91.05%	43135	100.00%

Variable: chbronch_meds_w3**Description:** Chronic bronchitis: currently taking meds (q16g)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	1978	4.59%	1978	4.59%
No	2	3942	9.14%	5920	13.72%
Don't know	-1	9	0.02%	5929	13.75%
Refused	-2	1	0.00%	5930	13.75%
Invalid	-4	9	0.02%	5939	13.77%
Missing	-9	37196	86.23%	43135	100.00%

Variable: chbronch_hosp_w3**Description:** Chronic bronchitis: hospitalized - last 12 months (q16g)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	218	0.51%	218	0.51%
No	2	5630	13.05%	5848	13.56%
Don't know	-1	2	0.00%	5850	13.56%
Refused	-2	0	0.00%	5850	13.56%
Invalid	-4	5	0.01%	5855	13.57%
Missing	-9	37280	86.43%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: emphys_COPD_w3
Description: q16h. Emphysema: told by health professional
Stem: Emphysema or COPD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	2106	4.88%	2106	4.88%
No	2	39264	91.03%	41370	95.91%
Don't know	-1	59	0.14%	41429	96.04%
Refused	-2	4	0.01%	41433	96.05%
Invalid	-4	6	0.01%	41439	96.07%
Missing	-9	1696	3.93%	43135	100.00%

Variable: emphys_COPD_yr_recode_w3
Description: Emphysema: year first told (q16h) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1851	4.29%	1851	4.29%
Don't know	-1	24	0.06%	1875	4.35%
Refused	-2	0	0.00%	1875	4.35%
Invalid	-4	0	0.00%	1875	4.35%
Out of range	-5	10	0.02%	1885	4.37%
Missing	-9	41250	95.63%	43135	100.00%

Variable: emphys_COPD_meds_w3
Description: Emphysema: currently taking meds (q16h)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1396	3.24%	1396	3.24%
No	2	2632	6.10%	4028	9.34%
Don't know	-1	2	0.00%	4030	9.34%
Refused	-2	0	0.00%	4030	9.34%
Invalid	-4	3	0.01%	4033	9.35%
Missing	-9	39102	90.65%	43135	100.00%

Variable: emphys_COPD_hosp_w3
Description: Emphysema: hospitalized - last 12 months (q16h)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	179	0.41%	179	0.41%
No	2	3849	8.92%	4028	9.34%
Don't know	-1	1	0.00%	4029	9.34%
Refused	-2	0	0.00%	4029	9.34%
Invalid	-4	2	0.00%	4031	9.35%
Missing	-9	39104	90.65%	43135	100.00%

Variable: rads_w3
Description: q16i. RADS: told by health professional
Stem: Reactive airways dysfunction syndrome, or RADS
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1809	4.19%	1809	4.19%
No	2	39375	91.28%	41184	95.48%
Don't know	-1	133	0.31%	41317	95.79%
Refused	-2	5	0.01%	41322	95.80%
Invalid	-4	5	0.01%	41327	95.81%
Missing	-9	1808	4.19%	43135	100.00%

Variable: rads_yr_recode_w3
Description: Rads: year first told (q16i) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1600	3.71%	1600	3.71%
Don't know	-1	20	0.05%	1620	3.76%
Refused	-2	0	0.00%	1620	3.76%
Invalid	-4	0	0.00%	1620	3.76%
Out of range	-5	9	0.02%	1629	3.78%
Missing	-9	41506	96.22%	43135	100.00%

Variable: rads_meds_w3
Description: Rads: currently taking meds (q16i)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1168	2.71%	1168	2.71%
No	2	2571	5.96%	3739	8.67%
Don't know	-1	5	0.01%	3744	8.68%
Refused	-2	0	0.00%	3744	8.68%
Invalid	-4	4	0.01%	3748	8.69%
Missing	-9	39387	91.31%	43135	100.00%

Variable: rads_hosp_w3
Description: Rads: hospitalized - last 12 months (q16i)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	116	0.27%	116	0.27%
No	2	3584	8.31%	3700	8.58%
Don't know	-1	2	0.00%	3702	8.58%
Refused	-2	0	0.00%	3702	8.58%
Invalid	-4	3	0.01%	3705	8.59%
Missing	-9	39430	91.41%	43135	100.00%

Variable: sarcoidosis_w3
Description: q16j. Sarcoidosis: told by health professional
Stem: Sarcoidosis
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	502	1.16%	502	1.16%
No	2	40610	94.15%	41112	95.31%
Don't know	-1	157	0.36%	41269	95.67%
Refused	-2	10	0.02%	41279	95.70%
Invalid	-4	4	0.01%	41283	95.71%
Missing	-9	1852	4.29%	43135	100.00%

Variable: sarcoidosis_yr_recode_w3
Description: Sarcoidosis: year first told (q16j) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		402	0.93%	402	0.93%
Don't know	-1	7	0.02%	409	0.95%
Refused	-2	0	0.00%	409	0.95%
Invalid	-4	0	0.00%	409	0.95%
Out of range	-5	5	0.01%	414	0.96%
Missing	-9	42721	99.04%	43135	100.00%

Variable: sarcoidosis_meds_w3
Description: Sarcoidosis: currently taking meds (q16j)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	165	0.38%	165	0.38%
No	2	2439	5.65%	2604	6.04%
Don't know	-1	1	0.00%	2605	6.04%
Refused	-2	0	0.00%	2605	6.04%
Invalid	-4	2	0.00%	2607	6.04%
Missing	-9	40528	93.96%	43135	100.00%

Variable: sarcoidosis_hosp_w3
Description: Sarcoidosis: hospitalized - last 12 months (q16j)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	56	0.13%	56	0.13%
No	2	2599	6.03%	2655	6.16%
Don't know	-1	0	0.00%	2655	6.16%
Refused	-2	0	0.00%	2655	6.16%
Invalid	-4	1	0.00%	2656	6.16%
Missing	-9	40479	93.84%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: pulmonary_fibrosis_w3
Description: q16k. Pulmonary fibrosis: told by health professional
Stem: Pulmonary fibrosis
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	476	1.10%	476	1.10%
No	2	40788	94.56%	41264	95.66%
Don't know	-1	95	0.22%	41359	95.88%
Refused	-2	4	0.01%	41363	95.89%
Invalid	-4	0	0.00%	41363	95.89%
Missing	-9	1772	4.11%	43135	100.00%

Variable: pulmonary_fibrosis_yr_recode_w3
Description: Pulmonary fibrosis: year first told (q16k) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		355	0.82%	355	0.82%
Don't know	-1	5	0.01%	360	0.83%
Refused	-2	0	0.00%	360	0.83%
Invalid	-4	0	0.00%	360	0.83%
Out of range	-5	7	0.02%	367	0.85%
Missing	-9	42768	99.15%	43135	100.00%

Variable: pulmonary_fibrosis_meds_w3
Description: Pulmonary fibrosis: currently taking meds (q16k)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	224	0.52%	224	0.52%
No	2	2328	5.40%	2552	5.92%
Don't know	-1	2	0.00%	2554	5.92%
Refused	-2	0	0.00%	2554	5.92%
Invalid	-4	1	0.00%	2555	5.92%
Missing	-9	40580	94.08%	43135	100.00%

Variable: pulmonary_fibrosis_hosp_w3
Description: Pulmonary fibrosis: hospitalized last 12 months (q16k)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	55	0.13%	55	0.13%
No	2	2480	5.75%	2535	5.88%
Don't know	-1	1	0.00%	2536	5.88%
Refused	-2	0	0.00%	2536	5.88%
Invalid	-4	1	0.00%	2537	5.88%
Missing	-9	40598	94.12%	43135	100.00%

Variable: asbestosis_w3
Description: q16l. Asbestosis: told by health professional
Stem: Asbestosis
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	308	0.71%	308	0.71%
No	2	40896	94.81%	41204	95.52%
Don't know	-1	89	0.21%	41293	95.73%
Refused	-2	5	0.01%	41298	95.74%
Invalid	-4	2	0.00%	41300	95.75%
Missing	-9	1835	4.25%	43135	100.00%

Variable: asbestosis_yr_recode_w3
Description: Asbestosis: year first told (q16l) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		202	0.47%	202	0.47%
Don't know	-1	3	0.01%	205	0.48%
Refused	-2	0	0.00%	205	0.48%
Invalid	-4	1	0.00%	206	0.48%
Out of range	-5	6	0.01%	212	0.49%
Missing	-9	42923	99.51%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: asbestosis_meds_w3**Description:** Asbestosis: currently taking meds (q16l)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	74	0.17%	74	0.17%
No	2	2336	5.42%	2410	5.59%
Don't know	-1	0	0.00%	2410	5.59%
Refused	-2	0	0.00%	2410	5.59%
Invalid	-4	1	0.00%	2411	5.59%
Missing	-9	40724	94.41%	43135	100.00%

Variable: asbestosis_hosp_w3**Description:** Asbestosis: hospitalized - last 12 months (q16l)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	38	0.09%	38	0.09%
No	2	2424	5.62%	2462	5.71%
Don't know	-1	1	0.00%	2463	5.71%
Refused	-2	0	0.00%	2463	5.71%
Invalid	-4	1	0.00%	2464	5.71%
Missing	-9	40671	94.29%	43135	100.00%

Variable: thyroid_w3**Description:** q16m. Thyroid: told by health professional**Stem:** Thyroid disease**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	3578	8.29%	3578	8.29%
No	2	37854	87.76%	41432	96.05%
Don't know	-1	41	0.10%	41473	96.15%
Refused	-2	4	0.01%	41477	96.16%
Invalid	-4	0	0.00%	41477	96.16%
Missing	-9	1658	3.84%	43135	100.00%

Variable: thyroid_yr_recode_w3**Description:** Thyroid: year first told (q16m) (recode)**Stem:** Year first told**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		3252	7.54%	3252	7.54%
Don't know	-1	41	0.10%	3293	7.63%
Refused	-2	0	0.00%	3293	7.63%
Invalid	-4	0	0.00%	3293	7.63%
Out of range	-5	11	0.03%	3304	7.66%
Missing	-9	39831	92.34%	43135	100.00%

Variable: thyroid_meds_w3**Description:** Thyroid: currently taking meds (q16m)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	2701	6.26%	2701	6.26%
No	2	2770	6.42%	5471	12.68%
Don't know	-1	0	0.00%	5471	12.68%
Refused	-2	0	0.00%	5471	12.68%
Invalid	-4	6	0.01%	5477	12.70%
Missing	-9	37658	87.30%	43135	100.00%

Variable: thyroid_hosp_w3**Description:** Thyroid: hospitalized - last 12 months (q16m)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	120	0.28%	120	0.28%
No	2	5241	12.15%	5361	12.43%
Don't know	-1	1	0.00%	5362	12.43%
Refused	-2	0	0.00%	5362	12.43%
Invalid	-4	2	0.00%	5364	12.44%
Missing	-9	37771	87.56%	43135	100.00%

Variable: MS_ALS_w3
Description: q16n. MS/ALS: told by health professional
Stem: Multiple sclerosis (MS) or amyotrophic lateral sclerosis (ALS)
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	294	0.68%	294	0.68%
No	2	40984	95.01%	41278	95.69%
Don't know	-1	42	0.10%	41320	95.79%
Refused	-2	10	0.02%	41330	95.82%
Invalid	-4	4	0.01%	41334	95.82%
Missing	-9	1801	4.18%	43135	100.00%

Variable: MS_ALS_hosp_w3
Description: MS/ALS: hospitalized last 12 months (q16n)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	48	0.11%	48	0.11%
No	2	2433	5.64%	2481	5.75%
Don't know	-1	0	0.00%	2481	5.75%
Refused	-2	0	0.00%	2481	5.75%
Invalid	-4	1	0.00%	2482	5.75%
Missing	-9	40653	94.25%	43135	100.00%

Variable: MS_ALS_yr_recode_w3
Description: MS/ALS: year first told (q16n) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		195	0.45%	195	0.45%
Don't know	-1	4	0.01%	199	0.46%
Refused	-2	0	0.00%	199	0.46%
Invalid	-4	0	0.00%	199	0.46%
Out of range	-5	7	0.02%	206	0.48%
Missing	-9	42929	99.52%	43135	100.00%

Variable: rheum_arth_w3
Description: q16o. Rheumatoid Arthritis: told by health professional
Stem: Rheumatoid arthritis
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3255	7.55%	3255	7.55%
No	2	38038	88.18%	41293	95.73%
Don't know	-1	87	0.20%	41380	95.93%
Refused	-2	7	0.02%	41387	95.95%
Invalid	-4	9	0.02%	41396	95.97%
Missing	-9	1739	4.03%	43135	100.00%

Variable: MS_ALS_meds_w3
Description: MS/ALS: currently taking meds (q16n)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	152	0.35%	152	0.35%
No	2	2260	5.24%	2412	5.59%
Don't know	-1	0	0.00%	2412	5.59%
Refused	-2	0	0.00%	2412	5.59%
Invalid	-4	2	0.00%	2414	5.60%
Missing	-9	40721	94.40%	43135	100.00%

Variable: rheum_arth_yr_recode_w3
Description: Rheumatoid Arthritis: year first told (q16o) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		2697	6.25%	2697	6.25%
Don't know	-1	70	0.16%	2767	6.41%
Refused	-2	1	0.00%	2768	6.42%
Invalid	-4	1	0.00%	2769	6.42%
Out of range	-5	14	0.03%	2783	6.45%
Missing	-9	40352	93.55%	43135	100.00%

Variable: rheum_arth_meds_w3**Description:** Rheumatoid Arthritis: currently taking meds (q16o)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1659	3.85%	1659	3.85%
No	2	3236	7.50%	4895	11.35%
Don't know	-1	3	0.01%	4898	11.36%
Refused	-2	0	0.00%	4898	11.36%
Invalid	-4	5	0.01%	4903	11.37%
Missing	-9	38232	88.63%	43135	100.00%

Variable: rheum_arth_hosp_w3**Description:** Rheumatoid Arthritis: hospitalized - last 12 months (q16o)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	114	0.26%	114	0.26%
No	2	4626	10.72%	4740	10.99%
Don't know	-1	0	0.00%	4740	10.99%
Refused	-2	0	0.00%	4740	10.99%
Invalid	-4	3	0.01%	4743	11.00%
Missing	-9	38392	89.00%	43135	100.00%

Variable: other_autoimm_w3**Description:** q16p. Other autoimmune disorder: told by health professional**Stem:** Other auto-immune disorders (e.g. lupus, scleroderma, polymyositis)**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1260	2.92%	1260	2.92%
No	2	39974	92.67%	41234	95.59%
Don't know	-1	57	0.13%	41291	95.73%
Refused	-2	3	0.01%	41294	95.73%
Invalid	-4	0	0.00%	41294	95.73%
Missing	-9	1841	4.27%	43135	100.00%

Variable: other_autoimm_yr_recode_w3**Description:** Other autoimmune disorder: year first told (q16p) (recode)**Stem:** Year first told**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1080	2.50%	1080	2.50%
Don't know	-1	13	0.03%	1093	2.53%
Refused	-2	0	0.00%	1093	2.53%
Invalid	-4	0	0.00%	1093	2.53%
Out of range	-5	6	0.01%	1099	2.55%
Missing	-9	42036	97.45%	43135	100.00%

Variable: other_autoimm_meds_w3**Description:** Other autoimmune disorder: currently taking meds (q16p)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	642	1.49%	642	1.49%
No	2	2648	6.14%	3290	7.63%
Don't know	-1	1	0.00%	3291	7.63%
Refused	-2	0	0.00%	3291	7.63%
Invalid	-4	2	0.00%	3293	7.63%
Missing	-9	39842	92.37%	43135	100.00%

Variable: other_autoimm_hosp_w3**Description:** Other autoimmune disorder: hospitalized in last 12 months (q16p)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	108	0.25%	108	0.25%
No	2	3203	7.43%	3311	7.68%
Don't know	-1	2	0.00%	3313	7.68%
Refused	-2	0	0.00%	3313	7.68%
Invalid	-4	2	0.00%	3315	7.69%
Missing	-9	39820	92.31%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: sleep_apnea_w3
Description: q16q. Sleep Apnea: told by health professional
Stem: Sleep apnea
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6535	15.15%	6535	15.15%
No	2	34784	80.64%	41319	95.79%
Don't know	-1	65	0.15%	41384	95.94%
Refused	-2	5	0.01%	41389	95.95%
Invalid	-4	4	0.01%	41393	95.96%
Missing	-9	1742	4.04%	43135	100.00%

Variable: sleep_apnea_yr_recode_w3
Description: Sleep Apnea: year first told (q16q) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		5856	13.58%	5856	13.58%
Don't know	-1	59	0.14%	5915	13.71%
Refused	-2	0	0.00%	5915	13.71%
Invalid	-4	0	0.00%	5915	13.71%
Out of range	-5	23	0.05%	5938	13.77%
Missing	-9	37197	86.23%	43135	100.00%

Variable: sleep_apnea_meds_w3
Description: Sleep Apnea: currently taking meds (q16q)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1540	3.57%	1540	3.57%
No	2	6361	14.75%	7901	18.32%
Don't know	-1	3	0.01%	7904	18.32%
Refused	-2	0	0.00%	7904	18.32%
Invalid	-4	7	0.02%	7911	18.34%
Missing	-9	35224	81.66%	43135	100.00%

Variable: sleep_apnea_hosp_w3
Description: Sleep Apnea: hospitalized - last 12 months (q16q)
Stem: During the last 12 months have you been hospitalized for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	490	1.14%	490	1.14%
No	2	7231	16.76%	7721	17.90%
Don't know	-1	4	0.01%	7725	17.91%
Refused	-2	0	0.00%	7725	17.91%
Invalid	-4	4	0.01%	7729	17.92%
Missing	-9	35406	82.08%	43135	100.00%

Variable: GERD_w3
Description: q16r. GERD: told by health professional
Stem: Gasatrosophagel reflux disease, or GERD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	9882	22.91%	9882	22.91%
No	2	31554	73.15%	41436	96.06%
Don't know	-1	71	0.16%	41507	96.23%
Refused	-2	6	0.01%	41513	96.24%
Invalid	-4	6	0.01%	41519	96.25%
Missing	-9	1616	3.75%	43135	100.00%

Variable: GERD_yr_recode_w3
Description: GERD: year first told (q16r) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		8963	20.78%	8963	20.78%
Don't know	-1	92	0.21%	9055	20.99%
Refused	-2	1	0.00%	9056	20.99%
Invalid	-4	0	0.00%	9056	20.99%
Out of range	-5	34	0.08%	9090	21.07%
Missing	-9	34045	78.93%	43135	100.00%

Variable: GERD_meds_w3
Description: GERD: currently taking meds (q16r)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7204	16.70%	7204	16.70%
No	2	3896	9.03%	11100	25.73%
Don't know	-1	4	0.01%	11104	25.74%
Refused	-2	1	0.00%	11105	25.74%
Invalid	-4	12	0.03%	11117	25.77%
Missing	-9	32018	74.23%	43135	100.00%

Variable: cholesterol_w3
Description: q16s. High cholesterol: told by health professional
Stem: High cholesterol
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	16805	38.96%	16805	38.96%
No	2	25166	58.34%	41971	97.30%
Don't know	-1	29	0.07%	42000	97.37%
Refused	-2	2	0.00%	42002	97.37%
Invalid	-4	6	0.01%	42008	97.39%
Missing	-9	1127	2.61%	43135	100.00%

Variable: cholesterol_yr_recode_w3
Description: High cholesterol: year first told (q16s) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		15169	35.17%	15169	35.17%
Don't know	-1	210	0.49%	15379	35.65%
Refused	-2	1	0.00%	15380	35.66%
Invalid	-4	0	0.00%	15380	35.66%
Out of range	-5	50	0.12%	15430	35.77%
Missing	-9	27705	64.23%	43135	100.00%

Variable: cholesterol_meds_w3
Description: High cholesterol: currently taking meds (q16s)
Stem: Are you taking any medication (prescription or over-the-counter) for this condition?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	9919	23.00%	9919	23.00%
No	2	7418	17.20%	17337	40.19%
Don't know	-1	2	0.00%	17339	40.20%
Refused	-2	0	0.00%	17339	40.20%
Invalid	-4	13	0.03%	17352	40.23%
Missing	-9	25783	59.77%	43135	100.00%

Variable: other_dis_w3
Description: q16t. Other disease: told by health professional
Stem: t. Other disease, please specify
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7756	17.98%	7756	17.98%
No	2	30410	70.50%	38166	88.48%
Don't know	-1	38	0.09%	38204	88.57%
Refused	-2	6	0.01%	38210	88.58%
Invalid	-4	4	0.01%	38214	88.59%
Missing	-9	4921	11.41%	43135	100.00%

Variable: other_dis_yr_recode_w3
Description: Other disease: year first told (q16t) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		6623	15.35%	6623	15.35%
Don't know	-1	65	0.15%	6688	15.50%
Refused	-2	7	0.02%	6695	15.52%
Invalid	-4	1	0.00%	6696	15.52%
Out of range	-5	15	0.03%	6711	15.56%
Missing	-9	36424	84.44%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: other_dis_meds_w3**Description:** Other disease: currently taking meds (q16t)**Stem:** Are you taking any medication (prescription or over-the-counter) for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4184	9.70%	4184	9.70%
No	2	4341	10.06%	8525	19.76%
Don't know	-1	7	0.02%	8532	19.78%
Refused	-2	5	0.01%	8537	19.79%
Invalid	-4	3	0.01%	8540	19.80%
Missing	-9	34595	80.20%	43135	100.00%

Variable: brthless_noflu_30d_w3**Description:** q17a. Shortness of breath - last 30 days**Stem:** a. Shortness of breath**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	13995	32.44%	13995	32.44%
No	2	28355	65.74%	42350	98.18%
Don't know	-1	11	0.03%	42361	98.21%
Refused	-2	2	0.00%	42363	98.21%
Invalid	-4	3	0.01%	42366	98.22%
Missing	-9	769	1.78%	43135	100.00%

Variable: other_dis_hosp_w3**Description:** Other disease: hospitalized - last 12 months (q16t)**Stem:** During the last 12 months have you been hospitalized for this condition?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	865	2.01%	865	2.01%
No	2	7358	17.06%	8223	19.06%
Don't know	-1	4	0.01%	8227	19.07%
Refused	-2	4	0.01%	8231	19.08%
Invalid	-4	4	0.01%	8235	19.09%
Missing	-9	34900	80.91%	43135	100.00%

Variable: other_dis_specify_w3**Description:** Other disease: specify (q16t)**Stem:** Specify other disease**Type:** Text**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		7368	17.08%	7368	17.08%
Don't know	-1	21	0.05%	7389	17.13%
Refused	-2	15	0.03%	7404	17.16%
Invalid	-4	0	0.00%	7404	17.16%
Missing		35731	82.84%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: brthless_noflu_30d_ndays_w3
Description: Shortness of breath - number of days in last 30 (q17a)
Stem: If Yes, in the last 30 days, how many days did you experience this symptom?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	533	1.24%	533	1.24%
2	2	1391	3.22%	1924	4.46%
3	3	1371	3.18%	3295	7.64%
4	4	794	1.84%	4089	9.48%
5	5	1701	3.94%	5790	13.42%
6	6	366	0.85%	6156	14.27%
7	7	548	1.27%	6704	15.54%
8	8	270	0.63%	6974	16.17%
9	9	113	0.26%	7087	16.43%
10	10	1611	3.73%	8698	20.16%
11	11	57	0.13%	8755	20.30%
12	12	214	0.50%	8969	20.79%
13	13	33	0.08%	9002	20.87%
14	14	128	0.30%	9130	21.17%
15	15	973	2.26%	10103	23.42%
16	16	49	0.11%	10152	23.54%
17	17	38	0.09%	10190	23.62%
18	18	45	0.10%	10235	23.73%
19	19	22	0.05%	10257	23.78%
20	20	809	1.88%	11066	25.65%
21	21	44	0.10%	11110	25.76%
22	22	21	0.05%	11131	25.81%
23	23	22	0.05%	11153	25.86%
24	24	27	0.06%	11180	25.92%
25	25	264	0.61%	11444	26.53%
26	26	20	0.05%	11464	26.58%
27	27	18	0.04%	11482	26.62%
28	28	75	0.17%	11557	26.79%
29	29	19	0.04%	11576	26.84%
30	30	1902	4.41%	13478	31.25%
Out of range(=0)		144	0.33%	13622	31.58%
Out of range(>30)		28	0.06%	13650	31.64%
Don't know	-1	58	0.13%	13708	31.78%
Refused	-2	1	0.00%	13709	31.78%
Invalid	-4	4	0.01%	13713	31.79%
Missing	-9	29422	68.21%	43135	100.00%

Variable: brthless_noflu_12m_md_w3
Description: Shortness of breath - seen doctor in last 12 months (q17a)
Stem: In the last 12 months, have you seen a doctor or other health professional for this symptom?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7267	16.85%	7267	16.85%
No	2	7525	17.45%	14792	34.29%
Don't know	-1	5	0.01%	14797	34.30%
Refused	-2	0	0.00%	14797	34.30%
Invalid	-4	4	0.01%	14801	34.31%
Missing	-9	28334	65.69%	43135	100.00%

Variable: wheeze_noflu_30d_w3
Description: q17b. Wheezing - last 30 days
Stem: Wheezing
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	8794	20.39%	8794	20.39%
No	2	33149	76.85%	41943	97.24%
Don't know	-1	42	0.10%	41985	97.33%
Refused	-2	4	0.01%	41989	97.34%
Invalid	-4	1	0.00%	41990	97.35%
Missing	-9	1145	2.65%	43135	100.00%

Variable: wheeze_noflu_30d_ndays_w3
Description: Wheezing - number of days in last 30 (q17b)
Stem: If Yes, in the last 30 days, how many days did you experience this symptom?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	326	0.76%	326	0.76%
2	2	748	1.73%	1074	2.49%
3	3	708	1.64%	1782	4.13%
4	4	447	1.04%	2229	5.17%
5	5	1063	2.46%	3292	7.63%
6	6	222	0.51%	3514	8.15%
7	7	327	0.76%	3841	8.90%
8	8	140	0.32%	3981	9.23%
9	9	71	0.16%	4052	9.39%
10	10	1119	2.59%	5171	11.99%
11	11	33	0.08%	5204	12.06%
12	12	139	0.32%	5343	12.39%
13	13	32	0.07%	5375	12.46%
14	14	105	0.24%	5480	12.70%
15	15	717	1.66%	6197	14.37%
16	16	36	0.08%	6233	14.45%
17	17	27	0.06%	6260	14.51%
18	18	41	0.10%	6301	14.61%
19	19	14	0.03%	6315	14.64%
20	20	535	1.24%	6850	15.88%
21	21	44	0.10%	6894	15.98%
22	22	12	0.03%	6906	16.01%
23	23	14	0.03%	6920	16.04%
24	24	18	0.04%	6938	16.08%
25	25	171	0.40%	7109	16.48%
26	26	13	0.03%	7122	16.51%
27	27	16	0.04%	7138	16.55%
28	28	53	0.12%	7191	16.67%
29	29	16	0.04%	7207	16.71%
30	30	1160	2.69%	8367	19.40%
Out of range(=0)		218	0.51%	8585	19.90%
Out of range(>30)		18	0.04%	8603	19.94%
Don't know	-1	27	0.06%	8630	20.01%
Refused	-2	1	0.00%	8631	20.01%
Invalid	-4	0	0.00%	8631	20.01%
Missing	-9	34504	79.99%	43135	100.00%

Variable: wheeze_noflu_12m_md_w3
Description: Wheezing - seen doctor in last 12 months (q17b)
Stem: In the last 12 months, have you seen a doctor or other health professional for this symptom?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4979	11.54%	4979	11.54%
No	2	4823	11.18%	9802	22.72%
Don't know	-1	3	0.01%	9805	22.73%
Refused	-2	0	0.00%	9805	22.73%
Invalid	-4	1	0.00%	9806	22.73%
Missing	-9	33329	77.27%	43135	100.00%

Variable: cough_noflu_30d_w3
Description: q17c: Cough - last 30 days
Stem: c. Persistent cough
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	9754	22.61%	9754	22.61%
No	2	32367	75.04%	42121	97.65%
Don't know	-1	18	0.04%	42139	97.69%
Refused	-2	4	0.01%	42143	97.70%
Invalid	-4	1	0.00%	42144	97.70%
Missing	-9	991	2.30%	43135	100.00%

Variable: cough_noflu_30d_ndays_w3
Description: Cough - number of days in last 30 (q17c)
Stem: If Yes, in the last 30 days, how many days did you experience this symptom?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	149	0.35%	149	0.35%
2	2	425	0.99%	574	1.33%
3	3	522	1.21%	1096	2.54%
4	4	347	0.80%	1443	3.35%
5	5	874	2.03%	2317	5.37%
6	6	204	0.47%	2521	5.84%
7	7	482	1.12%	3003	6.96%
8	8	184	0.43%	3187	7.39%
9	9	74	0.17%	3261	7.56%
10	10	1228	2.85%	4489	10.41%
11	11	45	0.10%	4534	10.51%
12	12	179	0.41%	4713	10.93%
13	13	34	0.08%	4747	11.00%
14	14	205	0.48%	4952	11.48%
15	15	872	2.02%	5824	13.50%
16	16	36	0.08%	5860	13.59%
17	17	29	0.07%	5889	13.65%
18	18	42	0.10%	5931	13.75%
19	19	18	0.04%	5949	13.79%
20	20	739	1.71%	6688	15.50%
21	21	90	0.21%	6778	15.71%
22	22	29	0.07%	6807	15.78%
23	23	25	0.06%	6832	15.84%
24	24	27	0.06%	6859	15.90%
25	25	253	0.59%	7112	16.49%
26	26	21	0.05%	7133	16.54%
27	27	20	0.05%	7153	16.58%
28	28	83	0.19%	7236	16.78%
29	29	23	0.05%	7259	16.83%
30	30	2075	4.81%	9334	21.64%
Out of range (=0)		219	0.51%	9553	22.15%
Out of range (>30)		39	0.09%	9592	22.24%
Don't know	-1	25	0.06%	9617	22.30%
Refused	-2	1	0.00%	9618	22.30%
Invalid	-4	2	0.00%	9620	22.30%
Missing	-9	33515	77.70%	43135	100.00%

Variable: cough_noflu_12m_md_w3
Description: Cough - seen doctor in last 12 months (q17c)
Stem: In the last 12 months, have you seen a doctor or other health professional for this symptom?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5367	12.44%	5367	12.44%
No	2	5462	12.66%	10829	25.10%
Don't know	-1	2	0.00%	10831	25.11%
Refused	-2	0	0.00%	10831	25.11%
Invalid	-4	4	0.01%	10835	25.12%
Missing	-9	32300	74.88%	43135	100.00%

Variable: cough_awake_30d_w3
Description: q18: Awakened by cough, wheeze, shortness breath - last 30 days
Stem: During the last 30 days, have you ever been awakened during the night by a cough, wheezing, or shortness of breath when you did not have a cold, the flu, or seasonal allergies?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	10910	25.29%	10910	25.29%
No	2	31824	73.78%	42734	99.07%
Don't know	-1	24	0.06%	42758	99.13%
Refused	-2	1	0.00%	42759	99.13%
Invalid	-4	5	0.01%	42764	99.14%
Missing	-9	371	0.86%	43135	100.00%

Variable: inhaler_w3
Description: q19: Used inhaler - last 30 days
Stem: During the last 30 days, have you used an inhaler prescribed by a doctor for any breathing problem?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6845	15.87%	6845	15.87%
No	2	35905	83.24%	42750	99.11%
Don't know	-1	10	0.02%	42760	99.13%
Refused	-2	1	0.00%	42761	99.13%
Invalid	-4	3	0.01%	42764	99.14%
Missing	-9	371	0.86%	43135	100.00%

Variable: headache_12m_w3
Description: q20a. Frequent headaches - last 12 months
Stem: In the last 12 months, have you experienced frequent severe headaches?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	10529	24.41%	10529	24.41%
No	2	32101	74.42%	42630	98.83%
Don't know	-1	11	0.03%	42641	98.85%
Refused	-2	1	0.00%	42642	98.86%
Invalid	-4	4	0.01%	42646	98.87%
Missing	-9	489	1.13%	43135	100.00%

Variable: htburn_12m_md_w3
Description: q21b. Heartburn/acid reflux - seen doctor in last 12 months
Stem: In the last 12 months, have you seen a doctor or other health professional for heartburn or acid reflux?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	8755	20.30%	8755	20.30%
No	2	33869	78.52%	42624	98.82%
Don't know	-1	11	0.03%	42635	98.84%
Refused	-2	1	0.00%	42636	98.84%
Invalid	-4	5	0.01%	42641	98.85%
Missing	-9	494	1.15%	43135	100.00%

Variable: headache_12m_md_w3
Description: q20b. Frequent headaches - seen doctor in last 12 months
Stem: In the last 12 months, have you seen a doctor or other health professional for frequent severe headaches?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4358	10.10%	4358	10.10%
No	2	9745	22.59%	14103	32.70%
Don't know	-1	1	0.00%	14104	32.70%
Refused	-2	1	0.00%	14105	32.70%
Invalid	-4	2	0.00%	14107	32.70%
Missing	-9	29028	67.30%	43135	100.00%

Variable: htburn_30d_w3
Description: q21c. Heartburn/acid reflux - last 30 days
Stem: In the last 30 days, have you experienced heartburn, or acid reflux?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	20418	47.34%	20418	47.34%
No	2	22129	51.30%	42547	98.64%
Don't know	-1	21	0.05%	42568	98.69%
Refused	-2	1	0.00%	42569	98.69%
Invalid	-4	2	0.00%	42571	98.69%
Missing	-9	564	1.31%	43135	100.00%

Variable: htburn_12m_freq_w3
Description: q21a. Heartburn/acid reflux - last 12 months
Stem: In the last 12 months, how often have you experienced heartburn or acid reflux?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Never	1	13597	31.52%	13597	31.52%
Less than once a month	2	10254	23.77%	23851	55.29%
About once a month	3	7108	16.48%	30959	71.77%
About once a week	4	5127	11.89%	36086	83.66%
At least twice a week	5	6530	15.14%	42616	98.80%
Don't know	-1	49	0.11%	42665	98.91%
Refused	-2	10	0.02%	42675	98.93%
Invalid	-4	26	0.06%	42701	98.99%
Missing	-9	434	1.01%	43135	100.00%

Variable: htburn_30d_ndays_w3**Description:** Heartburn/acid reflux - number of days in last 30 (q21c)**Stem:** If yes, indicate the number of days.**Type:** Text**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	1	2635	6.11%	2635	6.11%
2	2	3213	7.45%	5848	13.56%
3	3	2877	6.67%	8725	20.23%
4	4	1544	3.58%	10269	23.81%
5	5	1986	4.60%	12255	28.41%
6	6	562	1.30%	12817	29.71%
7	7	563	1.31%	13380	31.02%
8	8	590	1.37%	13970	32.39%
9	9	126	0.29%	14096	32.68%
10	10	1599	3.71%	15695	36.39%
11	11	53	0.12%	15748	36.51%
12	12	302	0.70%	16050	37.21%
13	13	38	0.09%	16088	37.30%
14	14	125	0.29%	16213	37.59%
15	15	966	2.24%	17179	39.83%
16	16	59	0.14%	17238	39.96%
17	17	35	0.08%	17273	40.04%
18	18	71	0.16%	17344	40.21%
19	19	39	0.09%	17383	40.30%
20	20	895	2.07%	18278	42.37%
21	21	55	0.13%	18333	42.50%
22	22	33	0.08%	18366	42.58%
23	23	32	0.07%	18398	42.65%
24	24	49	0.11%	18447	42.77%
25	25	328	0.76%	18775	43.53%
26	26	27	0.06%	18802	43.59%
27	27	31	0.07%	18833	43.66%
28	28	78	0.18%	18911	43.84%
29	29	59	0.14%	18970	43.98%
30	30	1157	2.68%	20127	46.66%
Out of range (=0)		22	0.05%	20149	46.71%
Out of range (>30)		12	0.03%	20161	46.74%
Don't know	-1	24	0.06%	20185	46.79%
Refused	-2	3	0.01%	20188	46.80%
Invalid	-4	90	0.21%	20278	47.01%
Missing	-9	22857	52.99%	43135	100.00%

Variable: htburn_30d_meds_w3**Description:** q21d. Heartburn/acid reflux - meds in last 30 days**Stem:** In the last 30 days, have you taken any medications for heartburn, or acid reflux?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	14919	34.59%	14919	34.59%
No	2	27663	64.13%	42582	98.72%
Don't know	-1	16	0.04%	42598	98.76%
Refused	-2	0	0.00%	42598	98.76%
Invalid	-4	3	0.01%	42601	98.76%
Missing	-9	534	1.24%	43135	100.00%

Variable: asthma_w3**Description:** q22. Asthma: told by health professional**Stem:** Have you ever been told by a doctor or other health professional that you had asthma?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	8775	20.34%	8775	20.34%
No	2	33640	77.99%	42415	98.33%
Don't know	-1	23	0.05%	42438	98.38%
Refused	-2	2	0.00%	42440	98.39%
Invalid	-4	3	0.01%	42443	98.40%
Missing	-9	692	1.60%	43135	100.00%

Variable: asthma_yr_recode_w3**Description:** q23a. Asthma: year first told (recode)**Stem:** What year were you first told by a doctor or other health professional that you had asthma?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		8349	19.36%	8349	19.36%
Don't know	-1	127	0.29%	8476	19.65%
Refused	-2	0	0.00%	8476	19.65%
Invalid	-4	3	0.01%	8479	19.66%
Out of range	-5	48	0.11%	8527	19.77%
Missing	-9	34608	80.23%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: asthma_12m_w3
Description: q23b. Asthma: attack - last 12 months
Stem: During the last 12 months, have you had an episode of asthma or an asthma attack?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4291	9.95%	4291	9.95%
No	2	5442	12.62%	9733	22.56%
Don't know	-1	5	0.01%	9738	22.58%
Refused	-2	0	0.00%	9738	22.58%
Invalid	-4	2	0.00%	9740	22.58%
Missing	-9	33395	77.42%	43135	100.00%

Variable: asthma_12m_visit_recode_w3
Description: q23c. Asthma: ER visit - last 12 months (recode)
Stem: During the last 12 months, how many times did you visit an emergency room or urgent care center because of asthma?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		8961	20.77%	8961	20.77%
Don't know	-1	0	0.00%	8961	20.77%
Refused	-2	0	0.00%	8961	20.77%
Invalid	-4	8	0.02%	8969	20.79%
Out of range	-5	636	1.47%	9605	22.27%
Missing	-9	33530	77.73%	43135	100.00%

Variable: asthma_12m_inhalermeds_w3
Description: q23d. Asthma: inhaler/other meds - last 12 months
Stem: In the last 12 months, have you used an inhaler or other medications prescribed by a doctor for asthma?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	5822	13.50%	5822	13.50%
No	2	3906	9.06%	9728	22.55%
Don't know	-1	3	0.01%	9731	22.56%
Refused	-2	1	0.00%	9732	22.56%
Invalid	-4	0	0.00%	9732	22.56%
Missing	-9	33403	77.44%	43135	100.00%

Variable: asthma_12m_hosp_w3
Description: q23e. Asthma: hospitalized overnight - last 12 months
Stem: During the last 12 months, have you been hospitalized overnight for asthma?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	229	0.53%	229	0.53%
No	2	9504	22.03%	9733	22.56%
Don't know	-1	1	0.00%	9734	22.57%
Refused	-2	0	0.00%	9734	22.57%
Invalid	-4	1	0.00%	9735	22.57%
Missing	-9	33400	77.43%	43135	100.00%

Variable: asthma_30d_impair_w3
Description: q24a. Asthma: achieved less home/work - last 30 days
Stem: In the last 30 days, how much of the time did your asthma keep you from getting as much done at work, school, or at home?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
All of the time	1	186	0.43%	186	0.43%
Most of the time	2	416	0.96%	602	1.40%
Some of the time	3	1465	3.40%	2067	4.79%
A little of the time	4	1758	4.08%	3825	8.87%
None of the time	5	5640	13.08%	9465	21.94%
Don't know	-1	1	0.00%	9466	21.95%
Refused	-2	0	0.00%	9466	21.95%
Invalid	-4	5	0.01%	9471	21.96%
Missing	-9	33664	78.04%	43135	100.00%

Variable: asthma_brthless_30d_w3**Description:** q24b. Asthma: shortness of breath - last 30 days**Stem:** During the last 30 days, how often have you had shortness of breath?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
More than once a day	1	1010	2.34%	1010	2.34%
Once a day	2	592	1.37%	1602	3.71%
3-6 times a week	3	1093	2.53%	2695	6.25%
Once or twice a week	4	3195	7.41%	5890	13.65%
Not at all	5	3637	8.43%	9527	22.09%
Don't know	-1	18	0.04%	9545	22.13%
Refused	-2	2	0.00%	9547	22.13%
Invalid	-4	10	0.02%	9557	22.16%
Missing	-9	33578	77.84%	43135	100.00%

Variable: asthma_awaken_30d_w3**Description:** q24c. Asthma: awakened/kept up by symptoms - last 30 days**Stem:** During the last 30 days, how often did your asthma symptoms (wheezing, coughing, shortness of breath, chest tightness or pain) wake you up at night or earlier than usual in the morning?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
4 or more nights a week	1	709	1.64%	709	1.64%
2 or 3 nights a week	2	1147	2.66%	1856	4.30%
Once a week	3	668	1.55%	2524	5.85%
Once or twice	4	1985	4.60%	4509	10.45%
Not at all	5	5007	11.61%	9516	22.06%
Don't know	-1	13	0.03%	9529	22.09%
Refused	-2	1	0.00%	9530	22.09%
Invalid	-4	8	0.02%	9538	22.11%
Missing	-9	33597	77.89%	43135	100.00%

Variable: asthma_inhaler_30d_w3**Description:** q24d. Asthma: used rescue inhaler/nebulizer - last 30 days**Stem:** During the last 30 days, how often have you used a rescue inhaler or nebulizer medication (such as albuterol)?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3 or more times per day	1	413	0.96%	413	0.96%
1 or 2 times per day	2	1061	2.46%	1474	3.42%
2 or 3 times per week	3	1147	2.66%	2621	6.08%
Once a week or less	4	1763	4.09%	4384	10.16%
Not at all	5	5124	11.88%	9508	22.04%
Don't know	-1	5	0.01%	9513	22.05%
Refused	-2	1	0.00%	9514	22.06%
Invalid	-4	7	0.02%	9521	22.07%
Missing	-9	33614	77.93%	43135	100.00%

Variable: asthma_control_30d_w3**Description:** q24e. Asthma: control - last 30 days**Stem:** How would you rate your asthma control during the last 30 days?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not controlled at all	1	189	0.44%	189	0.44%
Poorly controlled	2	346	0.80%	535	1.24%
Somewhat controlled	3	2183	5.06%	2718	6.30%
Well controlled	4	2952	6.84%	5670	13.14%
Completely controlled	5	3446	7.99%	9116	21.13%
Don't know	-1	12	0.03%	9128	21.16%
Refused	-2	5	0.01%	9133	21.17%
Invalid	-4	14	0.03%	9147	21.21%
Missing	-9	33988	78.79%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: cancer_w3
Description: q25. Cancer: told by health professional
 Have you ever been told by a doctor or other health professional that you had cancer (sometimes called a malignancy)? IF YES enter your age at diagnosis and the state you lived in at that time.
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5680	13.17%	5680	13.17%
No	2	36418	84.43%	42098	97.60%
Don't know	-1	14	0.03%	42112	97.63%
Refused	-2	4	0.01%	42116	97.64%
Invalid	-4	1	0.00%	42117	97.64%
Missing	-9	1018	2.36%	43135	100.00%

Variable: cancer_breast_w3
Description: q25a. Cancer of breast
Stem: Type of Cancer: Breast
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	774	1.79%	774	1.79%
No	2	10065	23.33%	10839	25.13%
Don't know	-1	3	0.01%	10842	25.14%
Refused	-2	0	0.00%	10842	25.14%
Invalid	-4	0	0.00%	10842	25.14%
Missing	-9	32293	74.86%	43135	100.00%

Variable: cancer_breast_age_recode_w3
Description: Cancer of breast: age at dx (q25a) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		748	1.73%	748	1.73%
Don't know	-1	3	0.01%	751	1.74%
Refused	-2	0	0.00%	751	1.74%
Invalid	-4	0	0.00%	751	1.74%
Out of range	-5	0	0.00%	751	1.74%
Missing	-9	42384	98.26%	43135	100.00%

Variable: cancer_breast_state_w3
Description: Cancer of breast: state where dx'd (q25a)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		743	1.72%	743	1.72%
Don't know	-1	0	0.00%	743	1.72%
Refused	-2	0	0.00%	743	1.72%
Invalid	-4	1	0.00%	744	1.72%
Missing		42391	98.28%	43135	100.00%

Variable: cancer_prostate_w3
Description: q25b. Cancer of prostate
Stem: Type of Cancer: Prostate
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	740	1.72%	740	1.72%
No	2	9260	21.47%	10000	23.18%
Don't know	-1	3	0.01%	10003	23.19%
Refused	-2	0	0.00%	10003	23.19%
Invalid	-4	0	0.00%	10003	23.19%
Missing	-9	33132	76.81%	43135	100.00%

Variable: cancer_prostate_age_recode_w3
Description: Cancer of prostate: age at dx (q25b) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		713	1.65%	713	1.65%
Don't know	-1	1	0.00%	714	1.66%
Refused	-2	0	0.00%	714	1.66%
Invalid	-4	0	0.00%	714	1.66%
Out of range	-5	5	0.01%	719	1.67%
Missing	-9	42416	98.33%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: cancer_prostate_state_w3**Description:** Cancer of prostate: state where dx'd (q25b)**Stem:** What state did you live in when you were first told that you had this cancer (e.g., NY)?**Type:** Text**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		707	1.64%	707	1.64%
Don't know	-1	1	0.00%	708	1.64%
Refused	-2	0	0.00%	708	1.64%
Invalid	-4	0	0.00%	708	1.64%
Missing		42427	98.36%	43135	100.00%

Variable: cancer_lung_w3**Description:** q25c. Cancer of lung**Stem:** Type of Cancer: Lung**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	158	0.37%	158	0.37%
No	2	10457	24.24%	10615	24.61%
Don't know	-1	3	0.01%	10618	24.62%
Refused	-2	0	0.00%	10618	24.62%
Invalid	-4	0	0.00%	10618	24.62%
Missing	-9	32517	75.38%	43135	100.00%

Variable: cancer_lung_age_recode_w3**Description:** Cancer of lung: age at dx (q25c) (recode)**Stem:** How old were you when you were first told that you had this cancer?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		145	0.34%	145	0.34%
Don't know	-1	1	0.00%	146	0.34%
Refused	-2	0	0.00%	146	0.34%
Invalid	-4	0	0.00%	146	0.34%
Out of range	-5	0	0.00%	146	0.34%
Missing	-9	42989	99.66%	43135	100.00%

Variable: cancer_lung_state_w3**Description:** Cancer of lung: state where dx'd (q25c)**Stem:** What state did you live in when you were first told that you had this cancer (e.g., NY)?**Type:** Text**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		145	0.34%	145	0.34%
Don't know	-1	1	0.00%	146	0.34%
Refused	-2	0	0.00%	146	0.34%
Invalid	-4	0	0.00%	146	0.34%
Missing		42989	99.66%	43135	100.00%

Variable: cancer_colon_w3**Description:** q25d. Cancer of colon**Stem:** Type of Cancer: Colon**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	243	0.56%	243	0.56%
No	2	10383	24.07%	10626	24.63%
Don't know	-1	3	0.01%	10629	24.64%
Refused	-2	0	0.00%	10629	24.64%
Invalid	-4	0	0.00%	10629	24.64%
Missing	-9	32506	75.36%	43135	100.00%

Variable: cancer_colon_age_recode_w3**Description:** Cancer of colon: age at dx (q25d) (recode)**Stem:** How old were you when you were first told that you had this cancer?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		227	0.53%	227	0.53%
Don't know	-1	0	0.00%	227	0.53%
Refused	-2	0	0.00%	227	0.53%
Invalid	-4	0	0.00%	227	0.53%
Out of range	-5	1	0.00%	228	0.53%
Missing	-9	42907	99.47%	43135	100.00%

Variable: cancer_colon_state_w3
Description: Cancer of colon: state where dx'd (q25d)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		227	0.53%	227	0.53%
Don't know	-1	0	0.00%	227	0.53%
Refused	-2	0	0.00%	227	0.53%
Invalid	-4	0	0.00%	227	0.53%
Missing		42908	99.47%	43135	100.00%

Variable: cancer_thyroid_state_w3
Description: Cancer of thyroid: state where dx'd (q25e)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		212	0.49%	212	0.49%
Don't know	-1	0	0.00%	212	0.49%
Refused	-2	0	0.00%	212	0.49%
Invalid	-4	0	0.00%	212	0.49%
Missing		42923	99.51%	43135	100.00%

Variable: cancer_thyroid_w3
Description: q25e. Cancer of thyroid
Stem: Type of Cancer: Thyroid
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	233	0.54%	233	0.54%
No	2	10350	23.99%	10583	24.53%
Don't know	-1	3	0.01%	10586	24.54%
Refused	-2	0	0.00%	10586	24.54%
Invalid	-4	0	0.00%	10586	24.54%
Missing	-9	32549	75.46%	43135	100.00%

Variable: cancer_blood_w3
Description: q25f. Cancer of blood
Stem: Type of Cancer: Blood
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	351	0.81%	351	0.81%
No	2	10280	23.83%	10631	24.65%
Don't know	-1	3	0.01%	10634	24.65%
Refused	-2	0	0.00%	10634	24.65%
Invalid	-4	0	0.00%	10634	24.65%
Missing	-9	32501	75.35%	43135	100.00%

Variable: cancer_thyroid_age_recode_w3
Description: Cancer of thyroid: age at dx (q25e) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		213	0.49%	213	0.49%
Don't know	-1	1	0.00%	214	0.50%
Refused	-2	0	0.00%	214	0.50%
Invalid	-4	0	0.00%	214	0.50%
Out of range	-5	1	0.00%	215	0.50%
Missing	-9	42920	99.50%	43135	100.00%

Variable: cancer_blood_age_recode_w3
Description: Cancer of blood: age at dx (q25f) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		343	0.80%	343	0.80%
Don't know	-1	0	0.00%	343	0.80%
Refused	-2	0	0.00%	343	0.80%
Invalid	-4	0	0.00%	343	0.80%
Out of range	-5	1	0.00%	344	0.80%
Missing	-9	42791	99.20%	43135	100.00%

Variable: cancer_blood_state_w3
Description: Cancer of blood: state where dx'd (q25f)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		345	0.80%	345	0.80%
Don't know	-1	0	0.00%	345	0.80%
Refused	-2	0	0.00%	345	0.80%
Invalid	-4	0	0.00%	345	0.80%
Missing		42790	99.20%	43135	100.00%

Variable: cancer_melanoma_w3
Description: q25g. Cancer: melanoma
Stem: Type of Cancer: Melanoma
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	502	1.16%	502	1.16%
No	2	10154	23.54%	10656	24.70%
Don't know	-1	3	0.01%	10659	24.71%
Refused	-2	0	0.00%	10659	24.71%
Invalid	-4	0	0.00%	10659	24.71%
Missing	-9	32476	75.29%	43135	100.00%

Variable: cancer_melanoma_age_recode_w3
Description: Cancer: melanoma - age at dx (q25g) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		481	1.12%	481	1.12%
Don't know	-1	2	0.00%	483	1.12%
Refused	-2	0	0.00%	483	1.12%
Invalid	-4	0	0.00%	483	1.12%
Out of range	-5	2	0.00%	485	1.12%
Missing	-9	42650	98.88%	43135	100.00%

Variable: cancer_melanoma_state_w3
Description: Cancer: melanoma - state where dx'd (q25g)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		478	1.11%	478	1.11%
Don't know	-1	0	0.00%	478	1.11%
Refused	-2	0	0.00%	478	1.11%
Invalid	-4	0	0.00%	478	1.11%
Missing		42657	98.89%	43135	100.00%

Variable: cancer_skin_w3
Description: q25h. Cancer: other skin
Stem: Type of Cancer: Skin
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1708	3.96%	1708	3.96%
No	2	9252	21.45%	10960	25.41%
Don't know	-1	3	0.01%	10963	25.42%
Refused	-2	0	0.00%	10963	25.42%
Invalid	-4	0	0.00%	10963	25.42%
Missing	-9	32172	74.58%	43135	100.00%

Variable: cancer_skin_age_recode_w3
Description: Cancer: other skin - age at dx (q25h) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		1662	3.85%	1662	3.85%
Don't know	-1	4	0.01%	1666	3.86%
Refused	-2	0	0.00%	1666	3.86%
Invalid	-4	0	0.00%	1666	3.86%
Out of range	-5	4	0.01%	1670	3.87%
Missing	-9	41465	96.13%	43135	100.00%

Variable: cancer_skin_state_w3
Description: Cancer: other skin - state where dx'd (q25h)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1669	3.87%	1669	3.87%
Don't know	-1	0	0.00%	1669	3.87%
Refused	-2	0	0.00%	1669	3.87%
Invalid	-4	0	0.00%	1669	3.87%
Missing		41466	96.13%	43135	100.00%

Variable: cancer_other_w3
Description: q25i. Cancer: other
Stem: Type of Cancer: Other Cancer, please specify: (NO/YES)
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	1999	4.63%	1999	4.63%
No	2	9054	20.99%	11053	25.62%
Don't know	-1	3	0.01%	11056	25.63%
Refused	-2	0	0.00%	11056	25.63%
Invalid	-4	0	0.00%	11056	25.63%
Missing	-9	32079	74.37%	43135	100.00%

Variable: cancer_other_specify_w3
Description: Cancer: other - specify (q25i)
Stem: Type of Cancer: Other Cancer, please specify:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		2267	5.26%	2267	5.26%
Don't know	-1	1	0.00%	2268	5.26%
Refused	-2	0	0.00%	2268	5.26%
Invalid	-4	0	0.00%	2268	5.26%
Missing		40867	94.74%	43135	100.00%

Variable: cancer_other_age_recode_w3
Description: Cancer: other - age at dx (q25i) (recode)
Stem: How old were you when you were first told that you had this cancer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1945	4.51%	1945	4.51%
Don't know	-1	3	0.01%	1948	4.52%
Refused	-2	1	0.00%	1949	4.52%
Invalid	-4	0	0.00%	1949	4.52%
Out of range	-5	2	0.00%	1951	4.52%
Missing	-9	41184	95.48%	43135	100.00%

Variable: cancer_other_state_w3
Description: Cancer: other - state where dx'd (q25i)
Stem: What state did you live in when you were first told that you had this cancer (e.g., NY)?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1956	4.53%	1956	4.53%
Don't know	-1	0	0.00%	1956	4.53%
Refused	-2	0	0.00%	1956	4.53%
Invalid	-4	0	0.00%	1956	4.53%
Missing		41179	95.47%	43135	100.00%

Variable: healthcare_insurance_w3
Description: q26. Currently have health insurance
Do you have any kind of health insurance coverage, including private health insurance, prepaid plans such as an HMO, managed care, or government plans such as Medicare or Medicaid?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	39822	92.32%	39822	92.32%
No	2	2829	6.56%	42651	98.88%
Don't know	-1	9	0.02%	42660	98.90%
Refused	-2	8	0.02%	42668	98.92%
Invalid	-4	5	0.01%	42673	98.93%
Missing	-9	462	1.07%	43135	100.00%

Variable: healthcare_provider_w3
Description: q27. Have personal doctor or health care provider
Stem: Do you have at least one person or location you think of as your personal doctor or health care provider?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	39095	90.63%	39095	90.63%
No	2	3533	8.19%	42628	98.82%
Don't know	-1	14	0.03%	42642	98.86%
Refused	-2	2	0.00%	42644	98.86%
Invalid	-4	0	0.00%	42644	98.86%
Missing	-9	491	1.14%	43135	100.00%

Variable: healthcare_noinsur_911_w3
Description: q28a. Been w/o health insurance since 9/11/2001
Stem: Since 09/11/2001, were you without health insurance at any point?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6847	15.87%	6847	15.87%
No	2	35748	82.87%	42595	98.75%
Don't know	-1	29	0.07%	42624	98.82%
Refused	-2	2	0.00%	42626	98.82%
Invalid	-4	5	0.01%	42631	98.83%
Missing	-9	504	1.17%	43135	100.00%

Variable: healthcare_noinsur_12m_w3
Description: q28b. Been w/o health insurance - last 12 months
Stem: Within the last 12 months, were you without health insurance at any point?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	2733	6.34%	2733	6.34%
No	2	6547	15.18%	9280	21.51%
Don't know	-1	4	0.01%	9284	21.52%
Refused	-2	1	0.00%	9285	21.53%
Invalid	-4	3	0.01%	9288	21.53%
Missing	-9	33847	78.47%	43135	100.00%

Variable: checkup_w3
Description: q29. Last routine check up
Stem: When did you last visit a doctor for a routine check-up (not for a specific injury, illness, or condition)?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Within the last 12 months	1	32101	74.42%	32101	74.42%
Over a year ago, but less than 2 years ago	2	5554	12.88%	37655	87.30%
Over 2 years ago, but less than 5 years ago	3	2932	6.80%	40587	94.09%
5 or more years ago	4	1653	3.83%	42240	97.93%
Never in my life	5	212	0.49%	42452	98.42%
Don't know	-1	14	0.03%	42466	98.45%
Refused	-2	4	0.01%	42470	98.46%
Invalid	-4	17	0.04%	42487	98.50%
Missing	-9	648	1.50%	43135	100.00%

Variable: nocare_phys_w3
Description: q30a. Unmet physical health care need - last 12 months
Stem: During the last 12 months, was there ever a time when you needed health care for physical health problems, but didn't receive it?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4307	9.98%	4307	9.98%
No	2	38619	89.53%	42926	99.52%
Don't know	-1	21	0.05%	42947	99.56%
Refused	-2	4	0.01%	42951	99.57%
Invalid	-4	3	0.01%	42954	99.58%
Missing	-9	181	0.42%	43135	100.00%

Variable: nocare_phys_self_w3
Description: q30b.1: Why physical health care need unmet: manage by self
Stem: Preferred to manage myself
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41740	96.77%	41740	96.77%
Selected	1	1377	3.19%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_nohelp_w3
Description: q30b.2: Why health care need unmet: nothing would help
Stem: Didn't think anything could help
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42494	98.51%	42494	98.51%
Selected	1	623	1.44%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_afford_w3
Description: q30b.3: Why physical health care need unmet: couldn't afford care
Stem: Couldn't afford to pay
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41469	96.14%	41469	96.14%
Selected	1	1648	3.82%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_noinsur_w3
Description: q30b.4: Why health care need unmet: no insurance
Stem: No insurance or not covered by my insurance
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41537	96.30%	41537	96.30%
Selected	1	1580	3.66%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_othprob_w3
Description: q30b.5: Why health care need unmet: other problems
Stem: Problems with transportation, scheduling, childcare, or other family responsibilities
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42485	98.49%	42485	98.49%
Selected	1	632	1.47%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_where_w3
Description: q30b.6: Why health care need unmet: didn't know where to go
Stem: Did not know where to go or what kind of doctor to go to for care
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42640	98.85%	42640	98.85%
Selected	1	477	1.11%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_provider_w3
Description: q30b.7: Why health care need unmet: unable to find provider
Stem: Was unable to find a provider who could diagnose or treat my condition
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42677	98.94%	42677	98.94%
Selected	1	440	1.02%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_afraid_w3
Description: q30b.8: Why health care need unmet: afraid to ask for help
Stem: Afraid to ask for help or of what others would think
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42701	98.99%	42701	98.99%
Selected	1	416	0.96%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_phys_bother_w3
Description: q30b.9: Why health care need unmet: didn't get around to it/didn't bother
Stem: Didn't get around to it or didn't bother
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42399	98.29%	42399	98.29%
Selected	1	718	1.66%	43117	99.96%
Don't know	-1	10	0.02%	43127	99.98%
Refused	-2	8	0.02%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_w3
Description: q31a. Unmet mental health care need - last 12 months
 During the last 12 months, was there ever a time when you needed mental health care or counseling, but didn't receive it?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	5600	12.98%	5600	12.98%
No	2	36999	85.77%	42599	98.76%
Don't know	-1	43	0.10%	42642	98.86%
Refused	-2	12	0.03%	42654	98.88%
Invalid	-4	2	0.00%	42656	98.89%
Missing	-9	479	1.11%	43135	100.00%

Variable: nocare_mh_self_w3
Description: q31b.1: Why mental health care need unmet: manage by self
Stem: Preferred to manage myself
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	40535	93.97%	40535	93.97%
Selected	1	2590	6.00%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_nohelp_w3
Description: q31b.2: Why mental health care need unmet: nothing would help
Stem: Didn't think anything could help
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41742	96.77%	41742	96.77%
Selected	1	1383	3.21%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_afford_w3
Description: q31b.3: Why mental health care need unmet: couldn't afford care
Stem: Couldn't afford to pay
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41408	96.00%	41408	96.00%
Selected	1	1717	3.98%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_noinsur_w3
Description: q31b.4: Why mental health care need unmet: no insurance
Stem: No insurance or not covered by my insurance
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41751	96.79%	41751	96.79%
Selected	1	1374	3.19%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_othprob_w3
Description: q31b.5: Why mental health care need unmet: other problems
Stem: Problems with transportation, scheduling, childcare, or other family responsibilities
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42329	98.13%	42329	98.13%
Selected	1	796	1.85%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_where_w3
Description: q31b.6: Why mental health care need unmet: didn't know where to go
Stem: Did not know where to go or what kind of doctor to go to for care
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42135	97.68%	42135	97.68%
Selected	1	990	2.30%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_provider_w3
Description: q31b.7: Why mental health care need unmet: unable to find provider
Stem: Was unable to find a provider who could diagnose or treat my condition
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42702	99.00%	42702	99.00%
Selected	1	423	0.98%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_afraid_w3
Description: q31b.8: Why mental health care need unmet: afraid to ask for help
Stem: Afraid to ask for help or of what others would think
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41794	96.89%	41794	96.89%
Selected	1	1331	3.09%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: nocare_mh_bother_w3
Description: q31b.9: Why mental health care need unmet: didn't get around to/didn't bother
Stem: Didn't get around to it or didn't bother
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41938	97.22%	41938	97.22%
Selected	1	1187	2.75%	43125	99.98%
Don't know	-1	7	0.02%	43132	99.99%
Refused	-2	3	0.01%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_stonybrk_w3
Description: q32b.2: Received services from WTC health program: SUNY Stony Brook
Stem: SUNY - Stony Brook
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42688	98.96%	42688	98.96%
Selected	1	372	0.86%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: wtcprog_services_w3
Description: q32a. Ever received services from WTC health program
Stem: Have you ever received services from any World Trade Center (WTC) Health Program?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	7924	18.37%	7924	18.37%
No	2	34714	80.48%	42638	98.85%
Don't know	-1	9	0.02%	42647	98.87%
Refused	-2	2	0.00%	42649	98.87%
Invalid	-4	289	0.67%	42938	99.54%
Missing	-9	197	0.46%	43135	100.00%

Variable: WTCprog_queenscoll_w3
Description: Q32b.3: Received services from WTC health program: Queens College
Stem: Queens College
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42910	99.48%	42910	99.48%
Selected	1	150	0.35%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_mt_sinai_w3
Description: q32b.1: Received services from WTC health program: Mt. Sinai
Stem: Mount Sinai School of Medicine
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	40300	93.43%	40300	93.43%
Selected	1	2760	6.40%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_umdnj_w3
Description: q32b.4: Received services from WTC health program: UMDNJ
Stem: UMDNJ-University of Medicine and Dentistry of New Jersey
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42862	99.37%	42862	99.37%
Selected	1	198	0.46%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_FDNY_w3
Description: q32b.5: Received services from WTC health program: FDNY
Stem: FDNY
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41393	95.96%	41393	95.96%
Selected	1	1667	3.86%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_NYPD_w3
Description: q32b.6: Received services from WTC health program: NYPD
Stem: NYPD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42621	98.81%	42621	98.81%
Selected	1	439	1.02%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_outNYC_w3
Description: q32b.7: Received services from WTC health program: Outside NYC
Stem: WTC National Responder Health Program outside NYC
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42332	98.14%	42332	98.14%
Selected	1	728	1.69%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_belleveue_w3
Description: q32b.8: Received services from WTC health program: NYU/Bellevue
Stem: NYU/Bellevue Hospital Center, Gouverneur Health Care Services or Elmhurst Hospital Center
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41437	96.06%	41437	96.06%
Selected	1	1623	3.76%	43060	99.83%
Don't know	-1	74	0.17%	43134	100.00%
Refused	-2	1	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_other_w3
Description: q32b.9: Received services from WTC health program: Other
Stem: Other
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41466	96.13%	41466	96.13%
Selected	1	1595	3.70%	43061	99.83%
Don't know	-1	74	0.17%	43135	100.00%
Refused	-2	0	0.00%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: WTCprog_other_specify_w3
Description: q32b.9: WTC Health Program - other program specify (q32b.9)
Stem: Other (specify)
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1520	3.52%	1520	3.52%
Don't know	-1	0	0.00%	1520	3.52%
Refused	-2	0	0.00%	1520	3.52%
Invalid	-4	0	0.00%	1520	3.52%
Missing		41615	96.48%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: noWTCprog_need_w3
Description: q32c.1: Why never received services from WTC program: healthy
Stem: I did not need 9/11 -related health services
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	27223	63.11%	27223	63.11%
Selected	1	15857	36.76%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_aware_w3
Description: q32c.2: Why never received services from WTC program: unaware
Stem: I wasn't aware of these services
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	31482	72.98%	31482	72.98%
Selected	1	11598	26.89%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_eligible_w3
Description: q32c.3: Why never received services from WTC program: told ineligible
Stem: I was told that I wasn't eligible
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	41664	96.59%	41664	96.59%
Selected	1	1416	3.28%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_ownmd_w3
Description: q32c.4: Why never received services from WTC program: own doctor
Stem: I am under the care of my personal physician, therapist, or other health care provider
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	31429	72.86%	31429	72.86%
Selected	1	11651	27.01%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_convenient_w3
Description: q32c.5: Why never received services from WTC program: inconvenient
Stem: They are not convenient for me
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	40697	94.35%	40697	94.35%
Selected	1	2383	5.52%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_appt_w3
Description: q32c.6: Why never received services from WTC program: difficult to make appt.
Stem: It was difficult to make an appointment
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	42341	98.16%	42341	98.16%
Selected	1	739	1.71%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_insur_w3
Description: q32c.7: Why never received services from WTC program: insurance
Stem: I have insurance
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	30027	69.61%	30027	69.61%
Selected	1	13053	30.26%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_stress_w3
Description: q32c.8: Why never received services from WTC program: stressful
Stem: I find it stressful to think that my problems might be related to 9/11
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	37410	86.73%	37410	86.73%
Selected	1	5670	13.14%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_other_w3
Description: q32c.9: Why never received services from WTC program: other
Stem: Other
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not Selected	0	40981	95.01%	40981	95.01%
Selected	1	2099	4.87%	43080	99.87%
Don't know	-1	43	0.10%	43123	99.97%
Refused	-2	12	0.03%	43135	100.00%
Invalid	-4	0	0.00%	43135	100.00%
Missing	-9	0	0.00%	43135	100.00%

Variable: noWTCprog_other_specify_w3
Description: q32c.9: Why never received services from WTC program: specify other (q32c.9)
Stem: Other (specify)
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		1965	4.56%	1965	4.56%
Don't know	-1	3	0.01%	1968	4.56%
Refused	-2	4	0.01%	1972	4.57%
Invalid	-4	0	0.00%	1972	4.57%
Missing		41163	95.43%	43135	100.00%

Variable: memories_w3
Description: q33a. PCL: memories of 911 - last 30 days
Stem: Repeated, disturbing memories, thoughts, or images of the events of 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	16151	37.44%	16151	37.44%
A little bit	2	14997	34.77%	31148	72.21%
Moderately	3	6824	15.82%	37972	88.03%
Quite a bit	4	3568	8.27%	41540	96.30%
Extremely	5	1128	2.62%	42668	98.92%
Don't know	-1	18	0.04%	42686	98.96%
Refused	-2	7	0.02%	42693	98.98%
Invalid	-4	21	0.05%	42714	99.02%
Missing	-9	421	0.98%	43135	100.00%

Variable: dreams_w3
Description: q33b. PCL: dreams of 911 - last 30 days
Stem: Repeated, disturbing dreams of the events of 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	29134	67.54%	29134	67.54%
A little bit	2	8040	18.64%	37174	86.18%
Moderately	3	3274	7.59%	40448	93.77%
Quite a bit	4	1596	3.70%	42044	97.47%
Extremely	5	584	1.35%	42628	98.82%
Don't know	-1	13	0.03%	42641	98.85%
Refused	-2	4	0.01%	42645	98.86%
Invalid	-4	11	0.03%	42656	98.89%
Missing	-9	479	1.11%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: relive_w3**Description:** q33c. PCL: relive events of 911 - last 30 days**Stem:** Suddenly acting or feeling as if the events of 9/11 were happening again (as if you were reliving it)?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	30458	70.61%	30458	70.61%
A little bit	2	7154	16.59%	37612	87.20%
Moderately	3	2779	6.44%	40391	93.64%
Quite a bit	4	1481	3.43%	41872	97.07%
Extremely	5	640	1.48%	42512	98.56%
Don't know	-1	19	0.04%	42531	98.60%
Refused	-2	5	0.01%	42536	98.61%
Invalid	-4	29	0.07%	42565	98.68%
Missing	-9	570	1.32%	43135	100.00%

Variable: upset_remind_w3**Description:** q33d. PCL: upset when reminded of 911 - last 30 days**Stem:** Feeling very upset when something reminded you of the events of 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	13546	31.40%	13546	31.40%
A little bit	2	14126	32.75%	27672	64.15%
Moderately	3	7387	17.13%	35059	81.28%
Quite a bit	4	4786	11.10%	39845	92.37%
Extremely	5	2784	6.45%	42629	98.83%
Don't know	-1	12	0.03%	42641	98.85%
Refused	-2	3	0.01%	42644	98.86%
Invalid	-4	30	0.07%	42674	98.93%
Missing	-9	461	1.07%	43135	100.00%

Variable: physical_remind_w3**Description:** q33e. PCL: physical reaction to 911 reminder - last 30 days**Stem:** Having physical reactions (e.g. heart pounding, trouble breathing, sweating) when something reminded you of the events of 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	26429	61.27%	26429	61.27%
A little bit	2	8440	19.57%	34869	80.84%
Moderately	3	4034	9.35%	38903	90.19%
Quite a bit	4	2418	5.61%	41321	95.79%
Extremely	5	1269	2.94%	42590	98.74%
Don't know	-1	12	0.03%	42602	98.76%
Refused	-2	2	0.00%	42604	98.77%
Invalid	-4	21	0.05%	42625	98.82%
Missing	-9	510	1.18%	43135	100.00%

Variable: avoid_think_w3**Description:** q33f. PCL: avoid thinking of 911 - last 30 days**Stem:** Avoiding thinking about or talking about the events of 9/11 or avoiding having feelings related to it ?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	20093	46.58%	20093	46.58%
A little bit	2	9849	22.83%	29942	69.41%
Moderately	3	5558	12.89%	35500	82.30%
Quite a bit	4	4508	10.45%	40008	92.75%
Extremely	5	2519	5.84%	42527	98.59%
Don't know	-1	38	0.09%	42565	98.68%
Refused	-2	7	0.02%	42572	98.69%
Invalid	-4	24	0.06%	42596	98.75%
Missing	-9	539	1.25%	43135	100.00%

Variable: avoid_activities_w3**Description:** q33g. PCL: avoid activities b/c of 911 - last 30 days**Stem:** Avoiding activities or situations because they remind you of the events of 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	25808	59.83%	25808	59.83%
A little bit	2	7498	17.38%	33306	77.21%
Moderately	3	3970	9.20%	37276	86.42%
Quite a bit	4	3292	7.63%	40568	94.05%
Extremely	5	1955	4.53%	42523	98.58%
Don't know	-1	16	0.04%	42539	98.62%
Refused	-2	6	0.01%	42545	98.63%
Invalid	-4	23	0.05%	42568	98.69%
Missing	-9	567	1.31%	43135	100.00%

Variable: trouble_remember_w3**Description:** q33h. PCL: trouble remembering events of 911 - last 30 days**Stem:** Trouble remembering important parts of the events of 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	32531	75.42%	32531	75.42%
A little bit	2	5327	12.35%	37858	87.77%
Moderately	3	2525	5.85%	40383	93.62%
Quite a bit	4	1436	3.33%	41819	96.95%
Extremely	5	736	1.71%	42555	98.66%
Don't know	-1	15	0.03%	42570	98.69%
Refused	-2	5	0.01%	42575	98.70%
Invalid	-4	22	0.05%	42597	98.75%
Missing	-9	538	1.25%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: loss_interest_w3
Description: q33i. PCL: loss of interest - last 30 days
Stem: Loss of interest in activities that you used to enjoy?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	26268	60.90%	26268	60.90%
A little bit	2	7925	18.37%	34193	79.27%
Moderately	3	4013	9.30%	38206	88.57%
Quite a bit	4	2869	6.65%	41075	95.22%
Extremely	5	1486	3.44%	42561	98.67%
Don't know	-1	23	0.05%	42584	98.72%
Refused	-2	1	0.00%	42585	98.72%
Invalid	-4	15	0.03%	42600	98.76%
Missing	-9	535	1.24%	43135	100.00%

Variable: cut_short_w3
Description: q33l. PCL: feel future cut short - last 30 days
Stem: Feeling as if your future will somehow be cut short?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	23787	55.15%	23787	55.15%
A little bit	2	8625	20.00%	32412	75.14%
Moderately	3	4339	10.06%	36751	85.20%
Quite a bit	4	3405	7.89%	40156	93.09%
Extremely	5	2331	5.40%	42487	98.50%
Don't know	-1	34	0.08%	42521	98.58%
Refused	-2	7	0.02%	42528	98.59%
Invalid	-4	36	0.08%	42564	98.68%
Missing	-9	571	1.32%	43135	100.00%

Variable: feeling_distant_w3
Description: q33j. PCL: feel distant - last 30 days
Stem: Feeling distant or cut off from other people?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	25028	58.02%	25028	58.02%
A little bit	2	8774	20.34%	33802	78.36%
Moderately	3	4196	9.73%	37998	88.09%
Quite a bit	4	3031	7.03%	41029	95.12%
Extremely	5	1533	3.55%	42562	98.67%
Don't know	-1	8	0.02%	42570	98.69%
Refused	-2	3	0.01%	42573	98.70%
Invalid	-4	23	0.05%	42596	98.75%
Missing	-9	539	1.25%	43135	100.00%

Variable: trouble_sleep_w3
Description: q33m. PCL: insomnia - last 30 days
Stem: Trouble falling or staying asleep?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	17958	41.63%	17958	41.63%
A little bit	2	9873	22.89%	27831	64.52%
Moderately	3	6005	13.92%	33836	78.44%
Quite a bit	4	5340	12.38%	39176	90.82%
Extremely	5	3391	7.86%	42567	98.68%
Don't know	-1	5	0.01%	42572	98.69%
Refused	-2	0	0.00%	42572	98.69%
Invalid	-4	32	0.07%	42604	98.77%
Missing	-9	531	1.23%	43135	100.00%

Variable: feel_num_b_w3
Description: q33k. PCL: emotionally numb - last 30 days
Stem: Feeling emotionally numb or being unable to have loving feelings for those close to you?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	29015	67.27%	29015	67.27%
A little bit	2	6931	16.07%	35946	83.33%
Moderately	3	3339	7.74%	39285	91.07%
Quite a bit	4	2113	4.90%	41398	95.97%
Extremely	5	1124	2.61%	42522	98.58%
Don't know	-1	16	0.04%	42538	98.62%
Refused	-2	7	0.02%	42545	98.63%
Invalid	-4	22	0.05%	42567	98.68%
Missing	-9	568	1.32%	43135	100.00%

Variable: feel_angry_w3
Description: q33n. PCL: angry - last 30 days
Stem: Feeling irritable or having angry outbursts?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Not at all	1	20294	47.05%	20294	47.05%
A little bit	2	11690	27.10%	31984	74.15%
Moderately	3	5530	12.82%	37514	86.97%
Quite a bit	4	3377	7.83%	40891	94.80%
Extremely	5	1642	3.81%	42533	98.60%
Don't know	-1	5	0.01%	42538	98.62%
Refused	-2	4	0.01%	42542	98.63%
Invalid	-4	31	0.07%	42573	98.70%
Missing	-9	562	1.30%	43135	100.00%

Variable: concentrating_w3
Description: q33o. PCL: trouble concentrating - last 30 days
Stem: Having difficulty concentrating?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	18577	43.07%	18577	43.07%
A little bit	2	13062	30.28%	31639	73.35%
Moderately	3	5693	13.20%	37332	86.55%
Quite a bit	4	3529	8.18%	40861	94.73%
Extremely	5	1684	3.90%	42545	98.63%
Don't know	-1	4	0.01%	42549	98.64%
Refused	-2	1	0.00%	42550	98.64%
Invalid	-4	32	0.07%	42582	98.72%
Missing	-9	553	1.28%	43135	100.00%

Variable: superalert_w3
Description: q33p. PCL: superalert - last 30 days
Stem: Being "super alert" or watchful or on guard?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	19475	45.15%	19475	45.15%
A little bit	2	9625	22.31%	29100	67.46%
Moderately	3	5675	13.16%	34775	80.62%
Quite a bit	4	4388	10.17%	39163	90.79%
Extremely	5	3377	7.83%	42540	98.62%
Don't know	-1	18	0.04%	42558	98.66%
Refused	-2	5	0.01%	42563	98.67%
Invalid	-4	21	0.05%	42584	98.72%
Missing	-9	551	1.28%	43135	100.00%

Variable: jumpy_w3
Description: q33q. PCL: jumpy - last 30 days
Stem: Feeling jumpy or easily startled?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	23345	54.12%	23345	54.12%
A little bit	2	9243	21.43%	32588	75.55%
Moderately	3	4689	10.87%	37277	86.42%
Quite a bit	4	3252	7.54%	40529	93.96%
Extremely	5	2042	4.73%	42571	98.69%
Don't know	-1	8	0.02%	42579	98.71%
Refused	-2	3	0.01%	42582	98.72%
Invalid	-4	13	0.03%	42595	98.75%
Missing	-9	540	1.25%	43135	100.00%

Variable: PCL_probs_workhome_w3
Description: q34a. PCL sx cause problems at home/work
Stem: How difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not difficult at all	1	22410	51.95%	22410	51.95%
Somewhat difficult	2	13161	30.51%	35571	82.46%
Very difficult	3	1987	4.61%	37558	87.07%
Extremely difficult	4	909	2.11%	38467	89.18%
Don't know	-1	12	0.03%	38479	89.21%
Refused	-2	0	0.00%	38479	89.21%
Invalid	-4	29	0.07%	38508	89.27%
Missing	-9	4627	10.73%	43135	100.00%

Variable: PCL_probs_1mo_w3
Description: q34b. PCL sx continuously for >1 month - last 12 months
Stem: In the last 12 months, have you experienced any of these problems continuously for longer than 1 month?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	12938	29.99%	12938	29.99%
No	2	25355	58.78%	38293	88.77%
Don't know	-1	36	0.08%	38329	88.86%
Refused	-2	8	0.02%	38337	88.88%
Invalid	-4	4	0.01%	38341	88.89%
Missing	-9	4794	11.11%	43135	100.00%

Variable: PCL_sought_tx_w3
Description: q34c. PCL sx - sought tx in last 12 months
Stem: In the last 12 months, have you sought treatment for any of these problems?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6675	15.47%	6675	15.47%
No	2	31606	73.27%	38281	88.75%
Don't know	-1	14	0.03%	38295	88.78%
Refused	-2	3	0.01%	38298	88.79%
Invalid	-4	8	0.02%	38306	88.80%
Missing	-9	4829	11.20%	43135	100.00%

Variable: PHQ8_little_interest_w3
Description: q35a. PHQ8 - little interest
Stem: Little interest or pleasure in doing things?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	27300	63.29%	27300	63.29%
Several days	2	10348	23.99%	37648	87.28%
More than half the days	3	2777	6.44%	40425	93.72%
Nearly every day	4	1960	4.54%	42385	98.26%
Don't know	-1	32	0.07%	42417	98.34%
Refused	-2	9	0.02%	42426	98.36%
Invalid	-4	13	0.03%	42439	98.39%
Missing	-9	696	1.61%	43135	100.00%

Variable: PHQ8_feel_down_w3
Description: q35b. PHQ8 - feeling down
Stem: Feeling down, depressed or hopeless?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	24530	56.87%	24530	56.87%
Several days	2	12669	29.37%	37199	86.24%
More than half the days	3	2966	6.88%	40165	93.11%
Nearly every day	4	2181	5.06%	42346	98.17%
Don't know	-1	20	0.05%	42366	98.22%
Refused	-2	10	0.02%	42376	98.24%
Invalid	-4	19	0.04%	42395	98.28%
Missing	-9	740	1.72%	43135	100.00%

Variable: PHQ8_trouble_sleep_w3
Description: q35c. PHQ8 - trouble sleeping
Stem: Trouble falling or staying asleep, or sleeping too much?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	19468	45.13%	19468	45.13%
Several days	2	13562	31.44%	33030	76.57%
More than half the days	3	4602	10.67%	37632	87.24%
Nearly every day	4	4735	10.98%	42367	98.22%
Don't know	-1	23	0.05%	42390	98.27%
Refused	-2	5	0.01%	42395	98.28%
Invalid	-4	29	0.07%	42424	98.35%
Missing	-9	711	1.65%	43135	100.00%

Variable: PHQ8_feel_tired_w3
Description: q35d. PHQ8 - feeling tired
Stem: Feeling tired or having little energy?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	16184	37.52%	16184	37.52%
Several days	2	16390	38.00%	32574	75.52%
More than half the days	3	5246	12.16%	37820	87.68%
Nearly every day	4	4594	10.65%	42414	98.33%
Don't know	-1	20	0.05%	42434	98.37%
Refused	-2	5	0.01%	42439	98.39%
Invalid	-4	22	0.05%	42461	98.44%
Missing	-9	674	1.56%	43135	100.00%

Variable: PHQ8_poor_app_w3
Description: q35e. PHQ8 - poor appetite
Stem: Poor appetite or overeating?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	25389	58.86%	25389	58.86%
Several days	2	10119	23.46%	35508	82.32%
More than half the days	3	3937	9.13%	39445	91.45%
Nearly every day	4	2907	6.74%	42352	98.18%
Don't know	-1	13	0.03%	42365	98.21%
Refused	-2	4	0.01%	42369	98.22%
Invalid	-4	19	0.04%	42388	98.27%
Missing	-9	747	1.73%	43135	100.00%

Variable: PHQ8_feel_bad_w3
Description: q35f. PHQ8 - feeling bad
Stem: Feeling bad about yourself, or that you are a failure or have let yourself or your family down?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	27378	63.47%	27378	63.47%
Several days	2	9102	21.10%	36480	84.57%
More than half the days	3	3077	7.13%	39557	91.71%
Nearly every day	4	2786	6.46%	42343	98.16%
Don't know	-1	14	0.03%	42357	98.20%
Refused	-2	15	0.03%	42372	98.23%
Invalid	-4	21	0.05%	42393	98.28%
Missing	-9	742	1.72%	43135	100.00%

Variable: PHQ8_trouble_conc_w3
Description: q35g. PHQ8 - trouble concentrating
Stem: Trouble concentrating on things, such as reading the newspaper or watching television
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	26994	62.58%	26994	62.58%
Several days	2	9979	23.13%	36973	85.71%
More than half the days	3	3120	7.23%	40093	92.95%
Nearly every day	4	2332	5.41%	42425	98.35%
Don't know	-1	18	0.04%	42443	98.40%
Refused	-2	4	0.01%	42447	98.41%
Invalid	-4	14	0.03%	42461	98.44%
Missing	-9	674	1.56%	43135	100.00%

Variable: PHQ8_move_slowly_w3
Description: q35h. PHQ8 - moving slowly
Stem: Moving or speaking so slowly that other people could have noticed? Or the opposite - being so fidgety or restless that you have been moving around a lot more than usual?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	34185	79.25%	34185	79.25%
Several days	2	5092	11.80%	39277	91.06%
More than half the days	3	1808	4.19%	41085	95.25%
Nearly every day	4	1298	3.01%	42383	98.26%
Don't know	-1	30	0.07%	42413	98.33%
Refused	-2	12	0.03%	42425	98.35%
Invalid	-4	7	0.02%	42432	98.37%
Missing	-9	703	1.63%	43135	100.00%

Variable: PHQ8_impair_w3
Description: q36. PHQ8 - problems home/work/other people
Stem: Thinking about the questions in (35a-h) above, how difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not difficult at all	1	14945	34.65%	14945	34.65%
Somewhat difficult	2	13270	30.76%	28215	65.41%
Very difficult	3	2074	4.81%	30289	70.22%
Extremely difficult	4	877	2.03%	31166	72.25%
Don't know	-1	11	0.03%	31177	72.28%
Refused	-2	2	0.00%	31179	72.28%
Invalid	-4	27	0.06%	31206	72.34%
Missing	-9	11929	27.66%	43135	100.00%

Variable: sad_w3
Description: q37a: K6 - sad last 30 Days
Stem: So sad that nothing could cheer you up?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	2498	5.79%	2498	5.79%
Most of the time	2	1781	4.13%	4279	9.92%
Some of the time	3	4837	11.21%	9116	21.13%
A little of the time	4	8784	20.36%	17900	41.50%
None of the time	5	24505	56.81%	42405	98.31%
Don't know	-1	6	0.01%	42411	98.32%
Refused	-2	5	0.01%	42416	98.33%
Invalid	-4	31	0.07%	42447	98.41%
Missing	-9	688	1.59%	43135	100.00%

Variable: nervous_w3
Description: q37b: K6 - nervous last 30 Days
Stem: Nervous?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	2862	6.63%	2862	6.63%
Most of the time	2	2576	5.97%	5438	12.61%
Some of the time	3	6609	15.32%	12047	27.93%
A little of the time	4	11775	27.30%	23822	55.23%
None of the time	5	18568	43.05%	42390	98.27%
Don't know	-1	1	0.00%	42391	98.28%
Refused	-2	5	0.01%	42396	98.29%
Invalid	-4	22	0.05%	42418	98.34%
Missing	-9	717	1.66%	43135	100.00%

Variable: restless_w3
Description: q37c: K6 - restless last 30 Days
Stem: Restless or fidgety?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	2760	6.40%	2760	6.40%
Most of the time	2	2398	5.56%	5158	11.96%
Some of the time	3	6309	14.63%	11467	26.58%
A little of the time	4	10454	24.24%	21921	50.82%
None of the time	5	20393	47.28%	42314	98.10%
Don't know	-1	8	0.02%	42322	98.12%
Refused	-2	6	0.01%	42328	98.13%
Invalid	-4	21	0.05%	42349	98.18%
Missing	-9	786	1.82%	43135	100.00%

Variable: hopeless_w3
Description: q37d: K6 - hopeless last 30 Days
Stem: Hopeless?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	2844	6.59%	2844	6.59%
Most of the time	2	1868	4.33%	4712	10.92%
Some of the time	3	4295	9.96%	9007	20.88%
A little of the time	4	6704	15.54%	15711	36.42%
None of the time	5	26556	61.56%	42267	97.99%
Don't know	-1	9	0.02%	42276	98.01%
Refused	-2	10	0.02%	42286	98.03%
Invalid	-4	20	0.05%	42306	98.08%
Missing	-9	829	1.92%	43135	100.00%

Variable: lethargic_w3
Description: q37e: K6 - effort last 30 Days
Stem: That everything was an effort?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	3320	7.70%	3320	7.70%
Most of the time	2	3060	7.09%	6380	14.79%
Some of the time	3	5742	13.31%	12122	28.10%
A little of the time	4	9160	21.24%	21282	49.34%
None of the time	5	20986	48.65%	42268	97.99%
Don't know	-1	31	0.07%	42299	98.06%
Refused	-2	7	0.02%	42306	98.08%
Invalid	-4	16	0.04%	42322	98.12%
Missing	-9	813	1.88%	43135	100.00%

Variable: worthless_w3
Description: q37f: K6 - worthless last 30 Days
Stem: Worthless?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
All of the time	1	2878	6.67%	2878	6.67%
Most of the time	2	1633	3.79%	4511	10.46%
Some of the time	3	3503	8.12%	8014	18.58%
A little of the time	4	5353	12.41%	13367	30.99%
None of the time	5	28885	66.96%	42252	97.95%
Don't know	-1	13	0.03%	42265	97.98%
Refused	-2	11	0.03%	42276	98.01%
Invalid	-4	19	0.04%	42295	98.05%
Missing	-9	840	1.95%	43135	100.00%

Variable: depression_w3
Description: q38a. Depression: told by health professional
Stem: Depression
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	10552	24.46%	10552	24.46%
No	2	31782	73.68%	42334	98.14%
Don't know	-1	17	0.04%	42351	98.18%
Refused	-2	15	0.03%	42366	98.22%
Invalid	-4	5	0.01%	42371	98.23%
Missing	-9	764	1.77%	43135	100.00%

Variable: depression_yr_recode_w3
Description: Depression: year first told (q38a) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		10035	23.26%	10035	23.26%
Don't know	-1	96	0.22%	10131	23.49%
Refused	-2	6	0.01%	10137	23.50%
Invalid	-4	0	0.00%	10137	23.50%
Out of range	-5	40	0.09%	10177	23.59%
Missing	-9	32958	76.41%	43135	100.00%

Variable: PTSD_w3
Description: q38b. PTSD: told by health professional
Stem: Post-traumatic stress disorder or PTSD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7899	18.31%	7899	18.31%
No	2	34222	79.34%	42121	97.65%
Don't know	-1	47	0.11%	42168	97.76%
Refused	-2	3	0.01%	42171	97.77%
Invalid	-4	1	0.00%	42172	97.77%
Missing	-9	963	2.23%	43135	100.00%

Variable: PTSD_yr_recode_w3
Description: PTSD: year first told (q38b) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		7575	17.56%	7575	17.56%
Don't know	-1	47	0.11%	7622	17.67%
Refused	-2	0	0.00%	7622	17.67%
Invalid	-4	0	0.00%	7622	17.67%
Out of range	-5	44	0.10%	7666	17.77%
Missing	-9	35469	82.23%	43135	100.00%

Variable: anxiety_w3
Description: q38c. Anxiety: told by health professional
Stem: Anxiety disorder, other than PTSD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7008	16.25%	7008	16.25%
No	2	35001	81.14%	42009	97.39%
Don't know	-1	72	0.17%	42081	97.56%
Refused	-2	6	0.01%	42087	97.57%
Invalid	-4	4	0.01%	42091	97.58%
Missing	-9	1044	2.42%	43135	100.00%

Variable: anxiety_yr_recode_w3
Description: Anxiety: Yr first ttold (q38c) (recode)
Stem: Year first told
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		6620	15.35%	6620	15.35%
Don't know	-1	60	0.14%	6680	15.49%
Refused	-2	1	0.00%	6681	15.49%
Invalid	-4	0	0.00%	6681	15.49%
Out of range	-5	54	0.13%	6735	15.61%
Missing	-9	36400	84.39%	43135	100.00%

Variable: anxiety_12m_md_w3
Description: q39c. Anxiety: seen doctor in last 12 months
Stem: Anxiety disorder, other than PTSD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4020	9.32%	4020	9.32%
No	2	38086	88.29%	42106	97.61%
Don't know	-1	36	0.08%	42142	97.70%
Refused	-2	4	0.01%	42146	97.71%
Invalid	-4	3	0.01%	42149	97.71%
Missing	-9	986	2.29%	43135	100.00%

Variable: depression_12m_md_w3
Description: q39a. Depression: seen doctor in last 12 months
Stem: Depression
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5671	13.15%	5671	13.15%
No	2	36635	84.93%	42306	98.08%
Don't know	-1	16	0.04%	42322	98.12%
Refused	-2	4	0.01%	42326	98.12%
Invalid	-4	7	0.02%	42333	98.14%
Missing	-9	802	1.86%	43135	100.00%

Variable: nerves_12m_md_w3
Description: q39d. Nerves: seen doctor in last 12 months
Stem: Nerves, emotions, or other mental health problems
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5074	11.76%	5074	11.76%
No	2	37048	85.89%	42122	97.65%
Don't know	-1	17	0.04%	42139	97.69%
Refused	-2	8	0.02%	42147	97.71%
Invalid	-4	6	0.01%	42153	97.72%
Missing	-9	982	2.28%	43135	100.00%

Variable: PTSD_12m_md_w3
Description: q39b. PTSD: seen doctor in last 12 months
Stem: Post-traumatic stress disorder (PTSD)
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	3131	7.26%	3131	7.26%
No	2	38970	90.34%	42101	97.60%
Don't know	-1	22	0.05%	42123	97.65%
Refused	-2	4	0.01%	42127	97.66%
Invalid	-4	1	0.00%	42128	97.67%
Missing	-9	1007	2.33%	43135	100.00%

Variable: depression_12m_rx_w3
Description: q40a. Depression: meds last 12 months
Stem: Depression
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5162	11.97%	5162	11.97%
No	2	37087	85.98%	42249	97.95%
Don't know	-1	8	0.02%	42257	97.96%
Refused	-2	5	0.01%	42262	97.98%
Invalid	-4	6	0.01%	42268	97.99%
Missing	-9	867	2.01%	43135	100.00%

Variable: PTSD_12m_rx_w3
Description: q40b. PTSD: meds last 12 months
Stem: Post-traumatic stress disorder (PTSD)
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2058	4.77%	2058	4.77%
No	2	39915	92.54%	41973	97.31%
Don't know	-1	29	0.07%	42002	97.37%
Refused	-2	6	0.01%	42008	97.39%
Invalid	-4	3	0.01%	42011	97.39%
Missing	-9	1124	2.61%	43135	100.00%

Variable: threat_disaster_w3
Description: q41a. Life threatened by: disaster
Stem: a. Natural or human-made disaster
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	7710	17.87%	7710	17.87%
No	2	34417	79.79%	42127	97.66%
Don't know	-1	23	0.05%	42150	97.72%
Refused	-2	9	0.02%	42159	97.74%
Invalid	-4	5	0.01%	42164	97.75%
Missing	-9	971	2.25%	43135	100.00%

Variable: anxiety_12m_rx_w3
Description: q40c. Anxiety: meds last 12 months
Stem: Anxiety disorder, other than PTSD
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3895	9.03%	3895	9.03%
No	2	38135	88.41%	42030	97.44%
Don't know	-1	31	0.07%	42061	97.51%
Refused	-2	5	0.01%	42066	97.52%
Invalid	-4	4	0.01%	42070	97.53%
Missing	-9	1065	2.47%	43135	100.00%

Variable: threat_disaster_pre911_w3
Description: Life threatened by disaster: pre911 (q41a)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4990	11.57%	4990	11.57%
No	2	2423	5.62%	7413	17.19%
Don't know	-1	4	0.01%	7417	17.19%
Refused	-2	1	0.00%	7418	17.20%
Invalid	-4	1	0.00%	7419	17.20%
Missing	-9	35716	82.80%	43135	100.00%

Variable: nerves_12m_rx_w3
Description: q40d. Nerves: meds last 12 months
Stem: Nerves, emotions, or other mental health problems
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3529	8.18%	3529	8.18%
No	2	38489	89.23%	42018	97.41%
Don't know	-1	17	0.04%	42035	97.45%
Refused	-2	6	0.01%	42041	97.46%
Invalid	-4	8	0.02%	42049	97.48%
Missing	-9	1086	2.52%	43135	100.00%

Variable: threat_disaster_post911_w3
Description: Life threatened by disaster: post911 (q41a)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4801	11.13%	4801	11.13%
No	2	2343	5.43%	7144	16.56%
Don't know	-1	5	0.01%	7149	16.57%
Refused	-2	2	0.00%	7151	16.58%
Invalid	-4	4	0.01%	7155	16.59%
Missing	-9	35980	83.41%	43135	100.00%

Variable: threat_accident_w3
Description: q41b. Life threatened by: accident
Stem: b. A serious accident at work, in a car, or somewhere else.
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	9929	23.02%	9929	23.02%
No	2	32229	74.72%	42158	97.74%
Don't know	-1	18	0.04%	42176	97.78%
Refused	-2	7	0.02%	42183	97.79%
Invalid	-4	3	0.01%	42186	97.80%
Missing	-9	949	2.20%	43135	100.00%

Variable: threat_weapon_w3
Description: q41c: Life threatened by: attack with weapon
Stem: c. Attacked with a gun, knife, or some other weapon.
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6601	15.30%	6601	15.30%
No	2	35517	82.34%	42118	97.64%
Don't know	-1	12	0.03%	42130	97.67%
Refused	-2	10	0.02%	42140	97.69%
Invalid	-4	1	0.00%	42141	97.70%
Missing	-9	994	2.30%	43135	100.00%

Variable: threat_accident_pre911_w3
Description: Life threatened by accident: pre911 (q41b)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6792	15.75%	6792	15.75%
No	2	2734	6.34%	9526	22.08%
Don't know	-1	7	0.02%	9533	22.10%
Refused	-2	3	0.01%	9536	22.11%
Invalid	-4	9	0.02%	9545	22.13%
Missing	-9	33590	77.87%	43135	100.00%

Variable: threat_weapon_pre911_w3
Description: Life threatened by attack with weapon: pre911 (q41c)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5654	13.11%	5654	13.11%
No	2	1075	2.49%	6729	15.60%
Don't know	-1	3	0.01%	6732	15.61%
Refused	-2	0	0.00%	6732	15.61%
Invalid	-4	6	0.01%	6738	15.62%
Missing	-9	36397	84.38%	43135	100.00%

Variable: threat_accident_post911_w3
Description: Life threatened by accident: post911 (q41b)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4630	10.73%	4630	10.73%
No	2	4353	10.09%	8983	20.83%
Don't know	-1	10	0.02%	8993	20.85%
Refused	-2	4	0.01%	8997	20.86%
Invalid	-4	2	0.00%	8999	20.86%
Missing	-9	34136	79.14%	43135	100.00%

Variable: threat_weapon_post911_w3
Description: Life threatened by attack with weapon: post911 (q41c)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	1670	3.87%	1670	3.87%
No	2	4130	9.57%	5800	13.45%
Don't know	-1	4	0.01%	5804	13.46%
Refused	-2	1	0.00%	5805	13.46%
Invalid	-4	1	0.00%	5806	13.46%
Missing	-9	37329	86.54%	43135	100.00%

Variable: threat_noweapon_w3**Description:** q41d. Life threatened by: attack without weapon**Stem:** d. Attacked without a weapon, but with the intent to kill or seriously injure you.**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4748	11.01%	4748	11.01%
No	2	37297	86.47%	42045	97.47%
Don't know	-1	30	0.07%	42075	97.54%
Refused	-2	12	0.03%	42087	97.57%
Invalid	-4	1	0.00%	42088	97.57%
Missing	-9	1047	2.43%	43135	100.00%

Variable: threat_noweapon_pre911_w3**Description:** Life threatened by attack without weapon: pre911 (q41d)**Stem:** Did this occur before 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3703	8.58%	3703	8.58%
No	2	1160	2.69%	4863	11.27%
Don't know	-1	1	0.00%	4864	11.28%
Refused	-2	1	0.00%	4865	11.28%
Invalid	-4	5	0.01%	4870	11.29%
Missing	-9	38265	88.71%	43135	100.00%

Variable: threat_noweapon_post911_w3**Description:** Life threatened by attack without weapon: post911 (q41d)**Stem:** Did this occur after 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	1830	4.24%	1830	4.24%
No	2	2591	6.01%	4421	10.25%
Don't know	-1	2	0.00%	4423	10.25%
Refused	-2	1	0.00%	4424	10.26%
Invalid	-4	3	0.01%	4427	10.26%
Missing	-9	38708	89.74%	43135	100.00%

Variable: threat_sexualcontact_w3**Description:** q41e. Life threatened by: forced sexual contact**Stem:** e. A situation where someone used physical force or threat of force to make you have some type of unwanted sexual contact.**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2422	5.61%	2422	5.61%
No	2	39755	92.16%	42177	97.78%
Don't know	-1	4	0.01%	42181	97.79%
Refused	-2	20	0.05%	42201	97.83%
Invalid	-4	1	0.00%	42202	97.84%
Missing	-9	933	2.16%	43135	100.00%

Variable: threat_sexualcontact_pre911_w3**Description:** Life threatened by forced sexual contact: pre911 (q41e)**Stem:** Did this occur before 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2060	4.78%	2060	4.78%
No	2	704	1.63%	2764	6.41%
Don't know	-1	0	0.00%	2764	6.41%
Refused	-2	0	0.00%	2764	6.41%
Invalid	-4	2	0.00%	2766	6.41%
Missing	-9	40369	93.59%	43135	100.00%

Variable: threat_sexualcontact_post911_w3**Description:** Life threatened by forced sexual contact: post911 (q41e)**Stem:** Did this occur after 9/11?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	445	1.03%	445	1.03%
No	2	1947	4.51%	2392	5.55%
Don't know	-1	0	0.00%	2392	5.55%
Refused	-2	0	0.00%	2392	5.55%
Invalid	-4	1	0.00%	2393	5.55%
Missing	-9	40742	94.45%	43135	100.00%

Variable: threat_other_w3
Description: q41f. Life threatened by: other
Stem: f. Any other situation in which you were seriously injured or feared you might be killed or seriously injured.
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6681	15.49%	6681	15.49%
No	2	35457	82.20%	42138	97.69%
Don't know	-1	25	0.06%	42163	97.75%
Refused	-2	9	0.02%	42172	97.77%
Invalid	-4	2	0.00%	42174	97.77%
Missing	-9	961	2.23%	43135	100.00%

Variable: threat_witness_w3
Description: q41g. Life threatened by: witnessing
Stem: g. A situation where you saw someone seriously injured or violently killed.
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	9480	21.98%	9480	21.98%
No	2	32685	75.77%	42165	97.75%
Don't know	-1	16	0.04%	42181	97.79%
Refused	-2	15	0.03%	42196	97.82%
Invalid	-4	1	0.00%	42197	97.83%
Missing	-9	938	2.17%	43135	100.00%

Variable: threat_other_pre911_w3
Description: Life threatened by other: pre911 (q41f)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	4842	11.23%	4842	11.23%
No	2	1764	4.09%	6606	15.31%
Don't know	-1	6	0.01%	6612	15.33%
Refused	-2	1	0.00%	6613	15.33%
Invalid	-4	2	0.00%	6615	15.34%
Missing	-9	36520	84.66%	43135	100.00%

Variable: threat_witness_pre911_w3
Description: Life threatened by witnessing: pre911 (q41g)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	7407	17.17%	7407	17.17%
No	2	1889	4.38%	9296	21.55%
Don't know	-1	2	0.00%	9298	21.56%
Refused	-2	1	0.00%	9299	21.56%
Invalid	-4	7	0.02%	9306	21.57%
Missing	-9	33829	78.43%	43135	100.00%

Variable: threat_other_post911_w3
Description: Life threatened by other: post911 (q41f)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	3361	7.79%	3361	7.79%
No	2	2868	6.65%	6229	14.44%
Don't know	-1	6	0.01%	6235	14.45%
Refused	-2	1	0.00%	6236	14.46%
Invalid	-4	3	0.01%	6239	14.46%
Missing	-9	36896	85.54%	43135	100.00%

Variable: threat_witness_post911_w3
Description: Life threatened by witnessing: post911 (q41g)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5239	12.15%	5239	12.15%
No	2	3389	7.86%	8628	20.00%
Don't know	-1	4	0.01%	8632	20.01%
Refused	-2	0	0.00%	8632	20.01%
Invalid	-4	5	0.01%	8637	20.02%
Missing	-9	34498	79.98%	43135	100.00%

Variable: threat_illness_w3
Description: q41h. Life threatened by: illness
Stem: h. A life-threatening illness.
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	5892	13.66%	5892	13.66%
No	2	36237	84.01%	42129	97.67%
Don't know	-1	17	0.04%	42146	97.71%
Refused	-2	7	0.02%	42153	97.72%
Invalid	-4	2	0.00%	42155	97.73%
Missing	-9	980	2.27%	43135	100.00%

Variable: threat_illnes_pre911_w3
Description: Life threatened by illness: pre911 (q41h)
Stem: Did this occur before 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2282	5.29%	2282	5.29%
No	2	3224	7.47%	5506	12.76%
Don't know	-1	4	0.01%	5510	12.77%
Refused	-2	1	0.00%	5511	12.78%
Invalid	-4	3	0.01%	5514	12.78%
Missing	-9	37621	87.22%	43135	100.00%

Variable: threat_illness_post911_w3
Description: Life threatened by illness: post911 (q41h)
Stem: Did this occur after 9/11?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	4210	9.76%	4210	9.76%
No	2	1486	3.44%	5696	13.21%
Don't know	-1	4	0.01%	5700	13.21%
Refused	-2	0	0.00%	5700	13.21%
Invalid	-4	3	0.01%	5703	13.22%
Missing	-9	37432	86.78%	43135	100.00%

Variable: nopay_necess_w3
Description: q42a. Situations since 9/11: could not pay
Stem: a. Could not pay for food, housing, or other basic necessities for a period of 3 months or longer?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	3668	8.50%	3668	8.50%
No	2	38669	89.65%	42337	98.15%
Don't know	-1	8	0.02%	42345	98.17%
Refused	-2	1	0.00%	42346	98.17%
Invalid	-4	6	0.01%	42352	98.18%
Missing	-9	783	1.82%	43135	100.00%

Variable: nopay_necess_12m_w3
Description: Situations since 9/11: could not pay in last 12 months (q42a)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	2017	4.68%	2017	4.68%
No	2	1891	4.38%	3908	9.06%
Don't know	-1	1	0.00%	3909	9.06%
Refused	-2	0	0.00%	3909	9.06%
Invalid	-4	5	0.01%	3914	9.07%
Missing	-9	39221	90.93%	43135	100.00%

Variable: lose_job_w3
Description: q42b. Situations since 9/11: job loss
Stem: b. Serious problems at work or lost a job?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Yes	1	10622	24.63%	10622	24.63%
No	2	31661	73.40%	42283	98.02%
Don't know	-1	10	0.02%	42293	98.05%
Refused	-2	4	0.01%	42297	98.06%
Invalid	-4	9	0.02%	42306	98.08%
Missing	-9	829	1.92%	43135	100.00%

Variable: lose_job_12m_w3
Description: Situations since 9/11: job loss in last 12 months (q42b)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	3632	8.42%	3632	8.42%
No	2	7004	16.24%	10636	24.66%
Don't know	-1	4	0.01%	10640	24.67%
Refused	-2	1	0.00%	10641	24.67%
Invalid	-4	12	0.03%	10653	24.70%
Missing	-9	32482	75.30%	43135	100.00%

Variable: family_prob_w3
Description: q42c. Situations since 9/11: family problems
Stem: c. Serious family problems involving your spouse, child, or parents?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	12139	28.14%	12139	28.14%
No	2	30082	69.74%	42221	97.88%
Don't know	-1	9	0.02%	42230	97.90%
Refused	-2	8	0.02%	42238	97.92%
Invalid	-4	5	0.01%	42243	97.93%
Missing	-9	892	2.07%	43135	100.00%

Variable: family_prob_12m_w3
Description: Situations since 9/11: Family problems in last 12 months (q42c)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6622	15.35%	6622	15.35%
No	2	5568	12.91%	12190	28.26%
Don't know	-1	1	0.00%	12191	28.26%
Refused	-2	0	0.00%	12191	28.26%
Invalid	-4	8	0.02%	12199	28.28%
Missing	-9	30936	71.72%	43135	100.00%

Variable: care_family_w3
Description: q42d. Situations since 9/11: cared for family member
Stem: d. Took care of a close family member or friend with a serious or life threatening illness?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	12257	28.42%	12257	28.42%
No	2	30007	69.57%	42264	97.98%
Don't know	-1	10	0.02%	42274	98.00%
Refused	-2	3	0.01%	42277	98.01%
Invalid	-4	6	0.01%	42283	98.02%
Missing	-9	852	1.98%	43135	100.00%

Variable: care_family_12m_w3
Description: Situations since 9/11: cared for family member in last 12 months (q42d)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	5581	12.94%	5581	12.94%
No	2	6802	15.77%	12383	28.71%
Don't know	-1	2	0.00%	12385	28.71%
Refused	-2	0	0.00%	12385	28.71%
Invalid	-4	8	0.02%	12393	28.73%
Missing	-9	30742	71.27%	43135	100.00%

Variable: legal_prob_w3
Description: q42e. Situations since 9/11: legal problems
Stem: e. Serious legal problems?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	3585	8.31%	3585	8.31%
No	2	38624	89.54%	42209	97.85%
Don't know	-1	13	0.03%	42222	97.88%
Refused	-2	6	0.01%	42228	97.90%
Invalid	-4	2	0.00%	42230	97.90%
Missing	-9	905	2.10%	43135	100.00%

Variable: legal_prob_12m_w3
Description: Situations since 9/11: legal problems in last 12 months (q42e)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	2086	4.84%	2086	4.84%
No	2	1950	4.52%	4036	9.36%
Don't know	-1	0	0.00%	4036	9.36%
Refused	-2	0	0.00%	4036	9.36%
Invalid	-4	4	0.01%	4040	9.37%
Missing	-9	39095	90.63%	43135	100.00%

Variable: death_close_w3
Description: q42f. Situations since 9/11: lost someone to accidental death/murder/suicide
Stem: f. Lost someone close to you due to accidental death, murder, or suicide?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6518	15.11%	6518	15.11%
No	2	35773	82.93%	42291	98.04%
Don't know	-1	4	0.01%	42295	98.05%
Refused	-2	3	0.01%	42298	98.06%
Invalid	-4	4	0.01%	42302	98.07%
Missing	-9	833	1.93%	43135	100.00%

Variable: death_close_12m_w3
Description: Situations since 9/11: lost someone to accidental death/murder/suicide in last 12 months (q42f)
Stem: Did this occur in the last 12 months?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	2378	5.51%	2378	5.51%
No	2	4552	10.55%	6930	16.07%
Don't know	-1	2	0.00%	6932	16.07%
Refused	-2	0	0.00%	6932	16.07%
Invalid	-4	6	0.01%	6938	16.08%
Missing	-9	36197	83.92%	43135	100.00%

Variable: death_family_2m_w3
Description: q43. Death of spouse/family member/someone close
Stem: In the last 2 months, have you experienced the death of a spouse or partner, close family member, or friend?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6028	13.97%	6028	13.97%
No	2	35174	81.54%	41202	95.52%
Don't know	-1	1	0.00%	41203	95.52%
Refused	-2	0	0.00%	41203	95.52%
Invalid	-4	4	0.01%	41207	95.53%
Missing	-9	1928	4.47%	43135	100.00%

Variable: GAD7_nervous_w3
Description: q44a. GAD7: nervous/anxious/ on edge last 2 wks
Stem: a. Feeling nervous, anxious, or on edge?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	23106	53.57%	23106	53.57%
Several days	2	13885	32.19%	36991	85.76%
More than half the days	3	2932	6.80%	39923	92.55%
Nearly every day	4	2170	5.03%	42093	97.58%
Don't know	-1	17	0.04%	42110	97.62%
Refused	-2	10	0.02%	42120	97.65%
Invalid	-4	27	0.06%	42147	97.71%
Missing	-9	988	2.29%	43135	100.00%

Variable: GAD7_worry_w3
Description: q44b. GAD7: no stop/control worrying - last 2 wks
Stem: b. Not being able to stop or control worrying?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	26342	61.07%	26342	61.07%
Several days	2	10323	23.93%	36665	85.00%
More than half the days	3	2901	6.73%	39566	91.73%
Nearly every day	4	2501	5.80%	42067	97.52%
Don't know	-1	17	0.04%	42084	97.56%
Refused	-2	10	0.02%	42094	97.59%
Invalid	-4	23	0.05%	42117	97.64%
Missing	-9	1018	2.36%	43135	100.00%

Variable: GAD7_worry_diff_w3
Description: q44c. GAD7: worry too much - last 2 wks
Stem: c. Worrying too much about different things?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	21062	48.83%	21062	48.83%
Several days	2	14440	33.48%	35502	82.30%
More than half the days	3	3563	8.26%	39065	90.56%
Nearly every day	4	3036	7.04%	42101	97.60%
Don't know	-1	16	0.04%	42117	97.64%
Refused	-2	9	0.02%	42126	97.66%
Invalid	-4	29	0.07%	42155	97.73%
Missing	-9	980	2.27%	43135	100.00%

Variable: GAD7_annoy_w3
Description: 44f. GAD7: easily annoyed/irritable - last 2 wks
Stem: f. Becoming easily annoyed or irritable?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	21379	49.56%	21379	49.56%
Several days	2	14348	33.26%	35727	82.83%
More than half the days	3	3885	9.01%	39612	91.83%
Nearly every day	4	2464	5.71%	42076	97.54%
Don't know	-1	17	0.04%	42093	97.58%
Refused	-2	9	0.02%	42102	97.61%
Invalid	-4	35	0.08%	42137	97.69%
Missing	-9	998	2.31%	43135	100.00%

Variable: GAD7_relax_w3
Description: q44d. GAD7: trouble relaxing - last 2 wks
Stem: d. Trouble relaxing?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	21362	49.52%	21362	49.52%
Several days	2	13867	32.15%	35229	81.67%
More than half the days	3	3809	8.83%	39038	90.50%
Nearly every day	4	3008	6.97%	42046	97.48%
Don't know	-1	18	0.04%	42064	97.52%
Refused	-2	6	0.01%	42070	97.53%
Invalid	-4	30	0.07%	42100	97.60%
Missing	-9	1035	2.40%	43135	100.00%

Variable: GAD7_afraid_w3
Description: 44g. GAD7: feeling afraid - last 2 wks
Stem: g. Feeling afraid as if something awful might happen?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	28178	65.33%	28178	65.33%
Several days	2	9055	20.99%	37233	86.32%
More than half the days	3	2616	6.06%	39849	92.38%
Nearly every day	4	2220	5.15%	42069	97.53%
Don't know	-1	20	0.05%	42089	97.58%
Refused	-2	7	0.02%	42096	97.59%
Invalid	-4	24	0.06%	42120	97.65%
Missing	-9	1015	2.35%	43135	100.00%

Variable: GAD7_restless_w3
Description: q44e. GAD7: restless - last 2 wks
Stem: e. Being so restless that it is hard to sit still?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not at all	1	29945	69.42%	29945	69.42%
Several days	2	8136	18.86%	38081	88.28%
More than half the days	3	2265	5.25%	40346	93.53%
Nearly every day	4	1670	3.87%	42016	97.41%
Don't know	-1	14	0.03%	42030	97.44%
Refused	-2	7	0.02%	42037	97.45%
Invalid	-4	25	0.06%	42062	97.51%
Missing	-9	1073	2.49%	43135	100.00%

Variable: socsupp_doctor_w3**Description:** 45a. Social support: someone to take you to doctor**Stem:** a. To take you to the doctor if you need to go?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None of the time	1	4586	10.63%	4586	10.63%
A little of the time	2	3615	8.38%	8201	19.01%
Some of the time	3	4962	11.50%	13163	30.52%
Most of the time	4	10296	23.87%	23459	54.39%
All of the time	5	18671	43.29%	42130	97.67%
Don't know	-1	18	0.04%	42148	97.71%
Refused	-2	12	0.03%	42160	97.74%
Invalid	-4	32	0.07%	42192	97.81%
Missing	-9	943	2.19%	43135	100.00%

Variable: socsupp_goodtime_w3**Description:** 45b. Social support: someone to have good time with**Stem:** b. To have a good time with?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None of the time	1	1599	3.71%	1599	3.71%
A little of the time	2	4513	10.46%	6112	14.17%
Some of the time	3	8198	19.01%	14310	33.17%
Most of the time	4	12706	29.46%	27016	62.63%
All of the time	5	15062	34.92%	42078	97.55%
Don't know	-1	12	0.03%	42090	97.58%
Refused	-2	10	0.02%	42100	97.60%
Invalid	-4	46	0.11%	42146	97.71%
Missing	-9	989	2.29%	43135	100.00%

Variable: socsupp_hug_w3**Description:** 45c. Social support: someone to hug**Stem:** c. To hug you?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None of the time	1	2823	6.54%	2823	6.54%
A little of the time	2	4299	9.97%	7122	16.51%
Some of the time	3	5927	13.74%	13049	30.25%
Most of the time	4	10771	24.97%	23820	55.22%
All of the time	5	18198	42.19%	42018	97.41%
Don't know	-1	13	0.03%	42031	97.44%
Refused	-2	12	0.03%	42043	97.47%
Invalid	-4	37	0.09%	42080	97.55%
Missing	-9	1055	2.45%	43135	100.00%

Variable: socsupp_meals_w3**Description:** 45d. Social support: someone to prepare meals**Stem:** d. To prepare your meals if you are unable to do it yourself?**Type:** Single**Notes:**

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None of the time	1	4758	11.03%	4758	11.03%
A little of the time	2	3493	8.10%	8251	19.13%
Some of the time	3	5048	11.70%	13299	30.83%
Most of the time	4	10148	23.53%	23447	54.36%
All of the time	5	18646	43.23%	42093	97.58%
Don't know	-1	20	0.05%	42113	97.63%
Refused	-2	11	0.03%	42124	97.66%
Invalid	-4	29	0.07%	42153	97.72%
Missing	-9	982	2.28%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.

Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: socsupp_probs_w3
Description: 45e. Social support: someone to understand problems
Stem: e. To understand your problems?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None of the time	1	3450	8.00%	3450	8.00%
A little of the time	2	5075	11.77%	8525	19.76%
Some of the time	3	7435	17.24%	15960	37.00%
Most of the time	4	10869	25.20%	26829	62.20%
All of the time	5	15237	35.32%	42066	97.52%
Don't know	-1	25	0.06%	42091	97.58%
Refused	-2	15	0.03%	42106	97.61%
Invalid	-4	20	0.05%	42126	97.66%
Missing	-9	1009	2.34%	43135	100.00%

Variable: socsupp_communicate_w3
Description: 46a. Social support: visited/talked/emailed friends - last 30 days
Stem: a. Visited, talked, or emailed with friends at least twice?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	38811	89.98%	38811	89.98%
No	2	3502	8.12%	42313	98.09%
Don't know	-1	5	0.01%	42318	98.11%
Refused	-2	5	0.01%	42323	98.12%
Invalid	-4	2	0.00%	42325	98.12%
Missing	-9	810	1.88%	43135	100.00%

Variable: socsupp_religious_w3
Description: 46b. Social support: Attend Religious Svc - last 30 days
Stem: b. Attended a religious service at least twice?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	15744	36.50%	15744	36.50%
No	2	26532	61.51%	42276	98.01%
Don't know	-1	1	0.00%	42277	98.01%
Refused	-2	4	0.01%	42281	98.02%
Invalid	-4	3	0.01%	42284	98.03%
Missing	-9	851	1.97%	43135	100.00%

Variable: socsupp_club_w3
Description: 46c. Social support: involved in club/organization - last 30 days
Stem: c. Been actively involved in a volunteer organization or club?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	13995	32.44%	13995	32.44%
No	2	28271	65.54%	42266	97.99%
Don't know	-1	1	0.00%	42267	97.99%
Refused	-2	4	0.01%	42271	98.00%
Invalid	-4	7	0.02%	42278	98.01%
Missing	-9	857	1.99%	43135	100.00%

Variable: close_num_w3
Description: q47. Number close friends
 About how many close friends or relatives do you have now? (By close friends or relatives, we mean people you feel at ease with and can talk to about what is on your mind.)
Stem:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		41674	96.61%	41674	96.61%
Out of range		0	0.00%	41674	96.61%
Don't know	-1	93	0.22%	41767	96.83%
Refused	-2	22	0.05%	41789	96.88%
Invalid	-4	24	0.06%	41813	96.94%
Missing	-9	1322	3.06%	43135	100.00%

Variable: smoke_now_w3
Description: q48. Current smoking status
 Do you now smoke cigarettes every day, some days, or not at all?
Stem:
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Every day	1	2758	6.39%	2758	6.39%
Some days	2	1812	4.20%	4570	10.59%
Not at all	3	37679	87.35%	42249	97.95%
Don't know	-1	1	0.00%	42250	97.95%
Refused	-2	2	0.00%	42252	97.95%
Invalid	-4	2	0.00%	42254	97.96%
Inconsistent	-7	26	0.06%	42280	98.02%
Missing	-9	855	1.98%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: smoke_perday_w3
Description: q49. Average number of cigarettes smoked per day
Stem: On average, about how many cigarettes do you smoke per day?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Out of range (=0)		439	1.02%	439	1.02%
Data present		4347	10.08%	4786	11.10%
Out of range (>99)		0	0.00%	4786	11.10%
Don't know	-1	1	0.00%	4787	11.10%
Refused	-2	1	0.00%	4788	11.10%
Invalid	-4	5	0.01%	4793	11.11%
Missing	-9	38342	88.89%	43135	100.00%

Variable: alc_30d_ndays_w3
Description: q50a. Number of days in last 30 had >=1 alcoholic drink
Stem: During the last 30 days, how many days did you have at least one drink of any alcoholic beverage?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0		12134	28.13%	12134	28.13%
1		2885	6.69%	15019	34.82%
2		3315	7.69%	18334	42.50%
3		2336	5.42%	20670	47.92%
4		2520	5.84%	23190	53.76%
5		2815	6.53%	26005	60.29%
6		1084	2.51%	27089	62.80%
7		919	2.13%	28008	64.93%
8		1195	2.77%	29203	67.70%
9		186	0.43%	29389	68.13%
10		2736	6.34%	32125	74.48%
11		70	0.16%	32195	74.64%
12		612	1.42%	32807	76.06%
13		64	0.15%	32871	76.20%
14		151	0.35%	33022	76.56%
15		1807	4.19%	34829	80.74%
16		115	0.27%	34944	81.01%
17		64	0.15%	35008	81.16%
18		153	0.35%	35161	81.51%
19		31	0.07%	35192	81.59%
20		2165	5.02%	37357	86.60%
21		104	0.24%	37461	86.85%
22		142	0.33%	37603	87.18%
23		80	0.19%	37683	87.36%
24		157	0.36%	37840	87.72%
25		1157	2.68%	38997	90.41%
26		157	0.36%	39154	90.77%
27		187	0.43%	39341	91.20%
28		547	1.27%	39888	92.47%
29		200	0.46%	40088	92.94%
30		2076	4.81%	42164	97.75%
Out of range		9	0.02%	42173	97.77%
Don't know	-1	11	0.03%	42184	97.80%
Refused	-2	9	0.02%	42193	97.82%
Invalid	-4	0	0.00%	42193	97.82%
Missing	-9	942	2.18%	43135	100.00%

Variable: alc_ndrinks_w3
Description: q50b: Average number of drinks per day - last 30 days
Stem: On the days when you drank, about how many drinks did you drink on average?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		28826	66.83%	28826	66.83%
Out of range		10	0.02%	28836	66.85%
Don't know	-1	5	0.01%	28841	66.86%
Refused	-2	1	0.00%	28842	66.86%
Invalid	-4	7	0.02%	28849	66.88%
Missing	-9	14286	33.12%	43135	100.00%

Variable: alc_ndrinks_max_w3
Description: q50c: Max number of drinks on single occasion - last 30 days
Stem: What is the maximum number of drinks you have consumed on one single occasion in the last 30 days?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Data present		29046	67.34%	29046	67.34%
Out of range		21	0.05%	29067	67.39%
Don't know	-1	11	0.03%	29078	67.41%
Refused	-2	8	0.02%	29086	67.43%
Invalid	-4	7	0.02%	29093	67.45%
Missing	-9	14042	32.55%	43135	100.00%

Variable: alc_drink_ge5_12m_w3
Description: q51a: Number times drank >=5 drinks in day - last 12 months
Stem: During the last 12 months, about how often did you drink 5 or more drinks in a single day?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
Never	1	15792	36.61%	15792	36.61%
Once	2	2964	6.87%	18756	43.48%
More than once	3	7646	17.73%	26402	61.21%
Don't know	-1	3	0.01%	26405	61.21%
Refused	-2	4	0.01%	26409	61.22%
Invalid	-4	12	0.03%	26421	61.25%
Inconsistent	-7	71	0.16%	26492	61.42%
Missing	-9	16643	38.58%	43135	100.00%

Variable: alc_drink_ge5_ntimes_w3
Description: q51b: Number times drank >=5 drinks in day - last 30 days
Stem: Considering all types of alcoholic beverages, how many times during the last 30 days did you have 5 or more drinks on one occasion?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative	
				Frequency	Percent
0	0	4578	10.61%	4578	10.61%
1	1	2552	5.92%	7130	16.53%
2	2	1489	3.45%	8619	19.98%
3	3	885	2.05%	9504	22.03%
4	4	663	1.54%	10167	23.57%
5	5	645	1.50%	10812	25.07%
6	6	267	0.62%	11079	25.68%
7	7	116	0.27%	11195	25.95%
8	8	194	0.45%	11389	26.40%
9	9	28	0.06%	11417	26.47%
10	10	471	1.09%	11888	27.56%
11	11	6	0.01%	11894	27.57%
12	12	73	0.17%	11967	27.74%
13	13	2	0.00%	11969	27.75%
14	14	18	0.04%	11987	27.79%
15	15	220	0.51%	12207	28.30%
16	16	11	0.03%	12218	28.33%
17	17	3	0.01%	12221	28.33%
18	18	11	0.03%	12232	28.36%
19	19	3	0.01%	12235	28.36%
20	20	196	0.45%	12431	28.82%
21	21	5	0.01%	12436	28.83%
22	22	9	0.02%	12445	28.85%
23	23	6	0.01%	12451	28.87%
24	24	6	0.01%	12457	28.88%
25	25	64	0.15%	12521	29.03%
26	26	9	0.02%	12530	29.05%
27	27	6	0.01%	12536	29.06%
28	28	30	0.07%	12566	29.13%
29	29	5	0.01%	12571	29.14%
30	30	126	0.29%	12697	29.44%
Out of range		10	0.02%	12707	29.46%
Don't know	-1	3	0.01%	12710	29.47%
Refused	-2	3	0.01%	12713	29.47%
Invalid	-4	0	0.00%	12713	29.47%
Missing	-9	30422	70.53%	43135	100.00%

Variable: alc_drink_ge4_12m_w3
Description: q52a. Number times drank >=4 drinks in day - last 12 months
Stem: During the last 12 months, about how often did you drink 4 or more drinks in a single day?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Never	1	11832	27.43%	11832	27.43%
Once	2	1726	4.00%	13558	31.43%
More than once	3	3323	7.70%	16881	39.14%
Don't know	-1	6	0.01%	16887	39.15%
Refused	-2	3	0.01%	16890	39.16%
Invalid	-4	5	0.01%	16895	39.17%
Inconsistent	-7	48	0.11%	16943	39.28%
Missing	-9	26192	60.72%	43135	100.00%

Variable: alc_drink_ge4_ntimes_w3
Description: q52b. Number times drank >=4 drinks in day - last 30 days
 Considering all types of alcoholic beverages, how many times during the last 30 days did you have 4 or more drinks on one occasion?
Stem:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	0	2965	6.87%	2965	6.87%
1	1	1289	2.99%	4254	9.86%
2	2	676	1.57%	4930	11.43%
3	3	365	0.85%	5295	12.28%
4	4	289	0.67%	5584	12.95%
5	5	243	0.56%	5827	13.51%
6	6	90	0.21%	5917	13.72%
7	7	54	0.13%	5971	13.84%
8	8	94	0.22%	6065	14.06%
9	9	10	0.02%	6075	14.08%
10	10	164	0.38%	6239	14.46%
11	11	3	0.01%	6242	14.47%
12	12	30	0.07%	6272	14.54%
13	13	2	0.00%	6274	14.55%
14	14	5	0.01%	6279	14.56%
15	15	88	0.20%	6367	14.76%
16	16	5	0.01%	6372	14.77%
18	18	4	0.01%	6376	14.78%
20	20	61	0.14%	6437	14.92%
21	21	2	0.00%	6439	14.93%
22	22	1	0.00%	6440	14.93%
24	24	2	0.00%	6442	14.93%
25	25	26	0.06%	6468	14.99%
26	26	2	0.00%	6470	15.00%
27	27	3	0.01%	6473	15.01%
28	28	7	0.02%	6480	15.02%
29	29	3	0.01%	6483	15.03%
30	30	53	0.12%	6536	15.15%
Out of range		1	0.00%	6537	15.15%
Don't know	-1	4	0.01%	6541	15.16%
Refused	-2	1	0.00%	6542	15.17%
Invalid	-4	2	0.00%	6544	15.17%
Missing	-9	36591	84.83%	43135	100.00%

Variable: period_agestart_recode_w3
Description: q53. Age at first monthly period (recode)
Stem: How old were you when you had your first monthly period?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		15828	36.69%	15828	36.69%
Don't know	-1	85	0.20%	15913	36.89%
Refused	-2	23	0.05%	15936	36.94%
Invalid	-4	15	0.03%	15951	36.98%
Out of range	-5	6	0.01%	15957	36.99%
Period not started yet	-7	11	0.03%	15968	37.02%
Missing	-9	27167	62.98%	43135	100.00%

Variable: period_now_w3
Description: q54. Still having monthly periods
Stem: Do you still have your monthly periods?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Yes	1	6685	15.50%	6685	15.50%
No	2	9344	21.66%	16029	37.16%
Don't know	-1	7	0.02%	16036	37.18%
Refused	-2	26	0.06%	16062	37.24%
Invalid	-4	1	0.00%	16063	37.24%
Missing	-9	27072	62.76%	43135	100.00%

Variable: period_agestop_recode_w3
Description: q55. Age when monthly periods stopped (recode)
Stem: How old were you when your monthly periods stopped?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		8752	20.29%	8752	20.29%
Don't know	-1	76	0.18%	8828	20.47%
Refused	-2	10	0.02%	8838	20.49%
Invalid	-4	2	0.00%	8840	20.49%
Out of range	-5	21	0.05%	8861	20.54%
Missing	-9	34274	79.46%	43135	100.00%

Variable: period_whystop_w3
Description: q56. Reason monthly periods stopped
Stem: Why did your monthly periods stop?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Menopause or change of life	1	6547	15.18%	6547	15.18%
Pregnant or nursing	2	140	0.32%	6687	15.50%
Surgery, medicine, or radiation	3	2175	5.04%	8862	20.54%
Don't know	-1	25	0.06%	8887	20.60%
Refused	-2	6	0.01%	8893	20.62%
Invalid	-4	28	0.06%	8921	20.68%
Missing	-9	34214	79.32%	43135	100.00%

Variable: SSN4_w3
Description: q57. Last 4 digits of SSN
Stem: Enter the last 4 digits of your Social Security Number:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		40661	94.26%	40661	94.26%
Don't know	-1	67	0.16%	40728	94.42%
Refused	-2	406	0.94%	41134	95.36%
Invalid	-4	3	0.01%	41137	95.37%
Missing		1998	4.63%	43135	100.00%

Variable: email_w3
Description: q58. Email address
Stem: What is your current email address:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		37599	87.17%	37599	87.17%
Don't know	-1	157	0.36%	37756	87.53%
Refused	-2	564	1.31%	38320	88.84%
Invalid	-4	0	0.00%	38320	88.84%
Missing		4815	11.16%	43135	100.00%

Variable: lname_father_w3
Description: q59. Father's last name
Stem: What is (was) your father's last name?
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		40327	93.49%	40327	93.49%
Don't know	-1	30	0.07%	40357	93.56%
Refused	-2	99	0.23%	40456	93.79%
Invalid	-4	0	0.00%	40456	93.79%
Missing		2679	6.21%	43135	100.00%

Variable: proxy_phone_w3
Description: A1. Proxy phone
Stem: Proxy telephone #
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		22924	53.14%	22924	53.14%
Don't know	-1	0	0.00%	22924	53.14%
Refused	-2	0	0.00%	22924	53.14%
Invalid	-4	0	0.00%	22924	53.14%
Missing		20211	46.86%	43135	100.00%

Variable: birth_state_w3
Description: q60. Place of birth: US state
Stem: Where were you born?US State:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		36836	85.40%	36836	85.40%
Don't know	-1	1	0.00%	36837	85.40%
Refused	-2	16	0.04%	36853	85.44%
Invalid	-4	1	0.00%	36854	85.44%
Missing		6281	14.56%	43135	100.00%

Variable: proxy_why_w3
Description: A2. Reason enrollee did not complete survey
Stem: What prevented the enrollee from completing the survey?
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Physical or mental disability	1	116	0.27%	116	0.27%
Language barrier	2	78	0.18%	194	0.45%
Survey too difficult to read	3	56	0.13%	250	0.58%
Deceased	4	4	0.01%	254	0.59%
Other, specify	5	203	0.47%	457	1.06%
Don't know	-1	0	0.00%	457	1.06%
Refused	-2	0	0.00%	457	1.06%
Invalid	-4	40	0.09%	497	1.15%
Missing		42638	98.85%	43135	100.00%

Variable: birth_country_w3
Description: q60. Place of birth: country
Stem: country
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		7413	17.19%	7413	17.19%
Don't know	-1	4	0.01%	7417	17.19%
Refused	-2	8	0.02%	7425	17.21%
Invalid	-4	1	0.00%	7426	17.22%
Missing		35709	82.78%	43135	100.00%

Variable: proxy_why_other_w3
Description: A2. Reason enrollee did not complete survey: specify other
Stem: Specify other reason:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		144	0.33%	144	0.33%
Don't know	-1	0	0.00%	144	0.33%
Refused	-2	0	0.00%	144	0.33%
Invalid	-4	0	0.00%	144	0.33%
Missing		42991	99.67%	43135	100.00%

Variable: proxy_first_lastname_w3
Description: A1. Proxy first and last name
Stem: Proxy first and last name
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		3010	6.98%	3010	6.98%
Don't know	-1	0	0.00%	3010	6.98%
Refused	-2	0	0.00%	3010	6.98%
Invalid	-4	0	0.00%	3010	6.98%
Missing		40125	93.02%	43135	100.00%

Don't know (-1) and Refused (-2) codes are applicable to CATI mode only.
 Invalid (-4), Out of range (-5), and Birth year mismatch (-6) codes are applicable to Paper mode only.

Variable: death_date_mm_w3
Description: A3. Date of death (mm)
Stem: Date of death - month
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		113	0.26%	113	0.26%
Out of range		0	0.00%	113	0.26%
Don't know	-1	0	0.00%	113	0.26%
Refused	-2	0	0.00%	113	0.26%
Invalid	-4	0	0.00%	113	0.26%
Missing	-9	43022	99.74%	43135	100.00%

Variable: death_date_dd_w3
Description: A3. Date of death (dd)
Stem: Date of death - day
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		112	0.26%	112	0.26%
Out of range		1	0.00%	113	0.26%
Don't know	-1	0	0.00%	113	0.26%
Refused	-2	0	0.00%	113	0.26%
Invalid	-4	0	0.00%	113	0.26%
Missing	-9	43022	99.74%	43135	100.00%

Variable: death_date_yyyy_w3
Description: A3. Date of death (yyyy)
Stem: Date of death - year
Type: Single
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		111	0.26%	111	0.26%
Out of range		2	0.00%	113	0.26%
Don't know	-1	0	0.00%	113	0.26%
Refused	-2	0	0.00%	113	0.26%
Invalid	-4	0	0.00%	113	0.26%
Missing	-9	43022	99.74%	43135	100.00%

Variable: death_state_w3
Description: A3. Place of death: US state
Stem: Place of death (US state)
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		52	0.12%	52	0.12%
Don't know	-1	0	0.00%	52	0.12%
Refused	-2	0	0.00%	52	0.12%
Invalid	-4	0	0.00%	52	0.12%
Missing		43083	99.88%	43135	100.00%

Variable: death_cntry_w3
Description: A3. Place of death: country
Stem: Place of death (country)
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		13	0.03%	13	0.03%
Don't know	-1	0	0.00%	13	0.03%
Refused	-2	0	0.00%	13	0.03%
Invalid	-4	0	0.00%	13	0.03%
Missing		43122	99.97%	43135	100.00%

Variable: two_birth_loc
Description: q60. Birth location provided in and out of US
Stem:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		172	0.40%	172	0.40%
Don't know	-1	0	0.00%	172	0.40%
Refused	-2	0	0.00%	172	0.40%
Invalid	-4	0	0.00%	172	0.40%
Missing	-9	42963	99.60%	43135	100.00%

Variable: two_death_loc
Description: A3. Death location provided in and out of US
Stem:
Type: Text
Notes:

Label	Value	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Data present		2	0.00%	2	0.00%
Don't know	-1	0	0.00%	2	0.00%
Refused	-2	0	0.00%	2	0.00%
Invalid	-4	0	0.00%	2	0.00%
Missing	-9	43133	100.00%	43135	100.00%

Appendix D: Details on Interactive Tracing Results Prior to Data Collection

WTCHR Wave 3—Interactive Tracing Results Prior to Data Collection

Overall Status	Count	Percentage of Total
Received/unassigned	0	0.00%
Interactive tracing in progress	0	0.00%
Stop work	24	0.56%
Final—located	3,913	90.81%
Final—not located	372	8.63%
Total cases in interactive tracing	4,309	100.00%

Final Case Status	Count	Percentage of Finalized Cases
Located—new address and new phone	1,023	23.87%
Located—confirmed preload add and preload phone	138	3.22%
Located—confirmed, preload add with new phone	77	1.80%
Located—new address, confirmed preload phone	521	12.16%
Located—confirmed phone only	191	4.46%
Located—confirmed Address only	54	1.26%
Located—confirmed preload add only	2	0.05%
Located—confirmed preload phone only	13	0.30%
Located—new e-mail address only	3	0.07%
Located—address only	2	0.05%
Located—phone only	3	0.07%
Located—address and phone	1	0.02%
Located—contact call in	1	0.02%
Located—unconfirmed—no phone	957	22.33%
Located—unconfirmed—phone obtained	673	15.71%
Located—out of country	39	0.91%
Located—unconfirmed decedent	4	0.09%
Located—deceased	84	1.96%
Located—but refused	115	2.68%
Located—incarcerated	2	0.05%
Located—incapacitated	8	0.19%
Located—institutionalized	2	0.05%
Not located—out of country	1	0.02%
Not located—level of effort expired	110	2.57%
Not located—leads exhausted	261	6.09%
Total cases finalized	4,285	100.00%
Locate Rate of Finalized Cases	91.32%	

Appendix E: Communications Package

Communication Package for Wave 3 DFUM

- 1a. Adult Summary of Rights
- 1b. New Adult Summary of Rights
2. Mayor's Letter
3. Email Invitation
4. Paper Survey Cover Letter and Resource Page
5. Email Reminder (General)
6. Adult Web Survey SAFE EMAIL LIST Postcard Reminder
7. Postcard Reminder
8. Autodialed Reminder Call Script
9. CATI Lead Letter
10. Door-to-Door Outreach Notification Letter
11. Thank You Letter
12. Thank You Email
13. Letter to Adult Enrollees with Partial Web Surveys
14. Email Reminder to Adult Enrollees with Partial Web Surveys and Web Non-Responders
15. Email Reminder to Adult Enrollees with Completed But Not Submitted Web Surveys

1a. Adult Summary of Rights

Summer 2011

Dear WTC Health Registry Enrollee:

Your participation in the WTC Health Registry has been valuable in monitoring the health effects of 9/11.

Please read the enclosed updated Summary of Rights for Registry Enrollees.

As always, if you have questions or need more information contact us at (866)-NYC-WTCR (1-866-692-9827) or wtchr@health.nyc.gov

Thank you.

Sincerely,

Mark Farfel, Sc.D.
Director, WTC Health Registry
New York City Department of Health and Mental Hygiene

Summary of Rights for Enrollees in the World Trade Center Health Registry New York City Department of Health and Mental Hygiene

The New York City Health Department plans to maintain the WTC Health Registry for at least 20 years after 9/11/2001 to better understand the long-term health effects of the 9/11 disaster.

During that time, you may:

- Be asked to complete surveys about your health every 2 to 3 years.
- Receive information about 9/11 health services based on your survey answers.
- Receive other health information.
- Receive an invitation to join other Registry studies or other 9/11-related studies. Some of these studies may ask for your written permission to have the Registry share your survey answers with the study. This would only happen after a study had been approved by the Health Department's Institutional Review Board (IRB) and protected by their own certificate of confidentiality.
- Be offered a personal visit from a member of the Registry's professional staff—to help you complete a health survey, get information on services, or access to a free medical test. We will always contact you ahead of time, tell you why we'd like to visit, and give you the opportunity to refuse. If you do not want our staff to *ever* visit you at home, please call us at (866) 692-9827. (A description of the Registry's Personal Visit Policy is provided on the next page.)

You have the right to decline to participate in any of these activities at any time. You also have the right to change your mind and give consent to participate in any activity you declined in the past. Your information will remain in the Registry whether or not you participate in any of the above activities. All Registry information is held in strict confidence and protected by a federal certificate of confidentiality. This means that we cannot be forced to reveal identifying information about you, even if a court orders us to do so. But under the law, we must report to the city or state suspected cases of child abuse. We must report to the appropriate authorities if you tell us you are planning to cause serious harm to yourself or others.

As you were told when you first enrolled in the Registry, your records will be compared periodically to other health data, such as cancer registries, hospital discharge data, and death records to better understand the full impact of the 9/11 disaster.

If you have questions about your rights as a participant in the Registry, contact Olivette Burton, MSW, MBE, the Health Department's IRB Chair, at (347) 396-6051 or oburton@health.nyc.gov.

For other Registry questions, call (866)-692-9827, e-mail wtchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo.

The Registry's Personal Visit Policy

Experience has taught the Registry that a personal visit from a member of the Registry's professional staff can sometimes help you complete a health survey or get information on services or access to a free medical test. **Home visits thus will be offered in some WTCHR research studies.** We want to make sure, however, that you're comfortable with our occasional door-to-door outreach. Our policy is that, before making any such visit, we will always contact you ahead of time, tell you why we'd like to visit and give you the opportunity to refuse. Refusing will not affect your status in the Registry or your ability to participate in future surveys. If you do not want our staff to **ever** visit you at home, please call (866) NYC-WTCR (1-866-692-9827), email wchr@health.nyc.gov or write to the Registry at the address below. For more information about the Registry's policy, visit nyc.gov/9-11HealthInfo and click on WTC Health Registry.

1b. New Adult Summary of Rights

Summer 2011

Dear WTC Health Registry Enrollee:

Your participation in the WTC Health Registry has been valuable in monitoring the health effects of 9/11.

Because you were a child or teen under 18 years of age at the time of enrollment, your parent or guardian completed an initial health interview on your behalf in 2003 or 2004. Now that you are an adult, we are contacting you to inform you of your rights as a Registry enrollee. We encourage you to carefully read the enclosed Summary of Rights for Registry Enrollees and to keep a copy for future reference.

As an enrollee, Registry staff will periodically contact you to provide information or ask you to complete a confidential follow-up survey. If you do not wish to participate in future Registry activities, please let us know.

If you wish to remain in the Registry you do not need to do anything further. Your consent will be implied. If we do not hear from you we will assume that you wish to remain with the Registry and participate in future Registry activities.

Be sure to tell us your current contact information (email address, telephone number, and address) and let us know if this information changes so we can keep in touch with you.

As always, if you have questions or need more information contact us at (866)-NYC-WTCR (1-866-692-9827) or wtchr@health.nyc.gov.

Thank you.

Sincerely,

Mark Farfel, Sc.D.
Director, WTC Health Registry
New York City Department of Health and Mental Hygiene

Summary of Rights for Enrollees in the World Trade Center Health Registry New York City Department of Health and Mental Hygiene

Because you were a child or teen under 18 years of age at the time of enrollment, your parent or guardian completed an initial health interview on your behalf in 2003 or 2004 to enroll you in the World Trade Center Health Registry. The New York City Health Department plans to maintain the Registry for at least 20 years after 9/11/2001 to better understand the long-term health effects of the 9/11 disaster.

During that time, you may:

- Be asked to complete surveys about your health every 2 to 3 years.
- Receive information about health care services based on your survey answers.
- Receive other health information.
- Receive an invitation to join other Registry studies or other 9/11-related studies. Some of these studies may ask for your written permission to have the Registry share your survey answers with the study. This would only happen after a study had been approved by the Health Department's Institutional Review Board (IRB) and protected by their own federal certificate of confidentiality.
- Be offered a personal visit from a member of the Registry's professional staff—to help you complete a health survey, get information on services, or access to a free medical test. We will always contact you ahead of time, tell you why we'd like to visit, and give you the opportunity to refuse. If you do not want our staff to *ever* visit you at home, please call us at (866) 692-9827. (A description of the Registry's Personal Visit Policy is provided on the next page.)

You have the right to decline to participate in any of these activities at any time. You also have the right to change your mind and give consent to participate in any activity you or your parent/guardian declined in the past. Your information will remain in the Registry whether or not you participate in any of the above activities. All Registry information is held in strict confidence and protected by a federal certificate of confidentiality. This means that we cannot be forced to reveal identifying information about you, even if a court orders us to do so. But under the law, we must report to the city or state suspected cases of child abuse. We must report to the appropriate authorities if you tell us you are planning to cause serious harm to yourself or others.

As your parent or guardian was told when you were first enrolled in the Registry, your records will be compared periodically to other health data, such as cancer registries, hospital discharge data, and death records to better understand the full impact of the 9/11 disaster.

If you have questions about your rights as a participant in the Registry, contact Olivette Burton, MSW, MBE, the Health Department's IRB Chair, at (347) 396-6051 or oburton@health.nyc.gov.

For other Registry questions, call (866)-692-9827, e-mail wtchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo.

The Registry's Personal Visit Policy

Experience has taught the Registry that a personal visit from a member of the Registry's professional staff can sometimes help you complete a health survey or get information on services or access to a free medical test. **Home visits thus will be offered in some WTCHR research studies.** We want to make sure, however, that you're comfortable with our occasional door-to-door outreach. Our policy is that, before making any such visit, we will always contact you ahead of time, tell you why we'd like to visit and give you the opportunity to refuse. Refusing will not affect your status in the Registry or your ability to participate in future surveys. If you do not want our staff to **ever** visit you at home, please call (866) NYC-WTCR (1-866-692-9827), email wchr@health.nyc.gov or write to the Registry at the address below. For more information about the Registry's policy, visit nyc.gov/9-11HealthInfo and click on WTC Health Registry.

2. Mayor's Letter

Date

{Firstname} {Lastname}
{Address1}
{City} {State} {Zip}

Dear {Firstname} {Lastname):

Over the next few weeks, the WTC Health Registry will begin its third major survey of enrollees. The purpose of the survey is to help us learn more about the health status of those exposed to the 9/11 disaster.

The health and well being of thousands of New Yorkers, as well as responders and volunteers from around the country, were seriously affected by the terrorist attacks of September 11, 2001. While many people have improved or recovered, others have persistent or worsening symptoms, including respiratory illness and serious psychological distress.

Your answers to previous health surveys have provided us with invaluable information about the health effects of 9/11. Yet there are still many unanswered questions nearly 10 years after the disaster. It is not clear how many people continue to have respiratory problems or related symptoms, or whether cancers or other late-emerging diseases will develop.

As an enrollee, your answers to the 2011/2012 survey will help us learn more about the health effects of 9/11 and identify gaps in health care services. The Registry is one of the most important tools we have to address the health impacts of 9/11.

I encourage you to complete your survey as soon as you receive it. Your answers will help us plan for a healthier tomorrow. I thank you for your participation.

Sincerely,

Michael R. Bloomberg
Mayor

MRB:cc

3. Email Invitation

Subject: New WTCHR Health Survey

Dear [First Name]:

Here is your personalized link to your 2011/2012 WTC Health Registry survey [insert link] and access code (XXXXXX). Please keep your survey link and access code secure.

You may also copy and paste the personalized URL below into a new browser's address window and enter your access code to access your survey. [insert URL]

The survey is your opportunity to update us about your physical and mental health. Your answers are important to us. We would like you to complete the survey even if you don't have any health problems; it will only take about 15 to 30 minutes.

Your participation is voluntary, and all information will be kept strictly confidential. We may contact you in the future to share information about 9/11-related health services based on your survey answers.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827), Monday through Friday, 9 am to 5 pm, or wtchr@health.nyc.gov.

Need technical support? Call 800-613-2408, Monday through Thursday 9 am to 11 pm, Friday 9 am to 9 pm, Saturday 10 am to 6 pm, and Sunday 1:30 pm to 9:30 pm.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Thomas Farley, MD MPH
Commissioner, NYC DOHMH

Mark Farfel, ScD
Director, WTC Health Registry

4. Paper Survey Cover Letter and Resource Page

Dear {First name} {Last Name}:

Enclosed is your 2011/2012 health survey.

The survey is your opportunity to update us about your physical and mental health. If you haven't returned your survey yet, we would like you to complete the survey and return it in the enclosed postage-paid envelope. Your answers are important to us.

Questions? Want to complete the survey online? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) Monday through Friday, 9 am to 5 pm, or wchr@health.nyc.gov.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Sincerely,

Thomas Farley, MD, MPH
Commissioner, NYC DOHMH

Mark Farfel, ScD
Director, WTCHR

Survey Instructions

Who Should Complete the Survey?

This survey is for the enrollee whose name is on the first page. If the enrollee is not able to complete the survey, someone else may complete it for the enrollee.

How to Complete the Survey?

- Please use *black or blue ink* only.
- Be sure to complete *both sides* of each page, and don't fold the survey.
- Pay careful attention to the wording of each question. For example, some questions may ask you to *check all that apply*, while others may ask about your health in the last *12 months, 2 weeks* or *30 days*.
- Completely fill in the circle next to your answer. Avoid stray marks outside the circle.
- If you make a mistake or change your mind, place an X over the circle that's a mistake and fill in the circle next to your correct answer.
- Please complete *the entire* survey.
- Report all health issues, not just those that may be related to 9/11

Resources

Visit nyc.gov/9-11HealthInfo: It's New York City's full-service resource on the health effects of 9/11. The site offers the latest information on research and services for those affected.

WTC Health Program: Call **888-982-4748** or visit www.cdc.gov/niosh/topics/wtc

The program provides services and medication for 9/11-related health problems at no cost to eligible responders and survivors.

LifeNet: 24/7, confidential, toll-free, crisis intervention, mental health referral and information service available to callers from the U.S. and Canada. Call **800-LifeNet (800-543-3638)**

Military One Source: A 24/7 counseling service available to active U.S. military service members. From the U.S., Canada or a U.S. territory, call **800-342-9647**. From other countries, visit www.militaryonesource.com/MOS/Contact.aspx to obtain the appropriate international telephone number to call.

If you are not able to access the hotline resources listed above and you are feeling distressed and need immediate assistance, please contact your local emergency services to assist you.

New York City Health Department's Institutional Review Board: For questions about your rights as an enrollee, call 347-396-6051.

5. Email Reminder (General)

Subject: WTCHR SURVEY REMINDER

Dear {First name} {Last Name}:

Here is your personalized link to your 2011/2012 WTC Health Registry survey: [insert link] and access code (XXXXXXXX). Please keep your survey link and access code secure.

You may also copy and paste the personalized URL below into a new browser window and enter your access code to access your survey. [insert URL]

The survey is your opportunity to update us about your physical and mental health. If you haven't completed the survey yet, we would like you to complete the survey. Your answers are important to us.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) Monday through Friday, 9 am to 5 pm, or wtchr@health.nyc.gov.

Need technical support? Call 800-613-2408, Monday through Thursday 9 am to 11 pm, Friday 9 am to 9 pm, Saturday 10 am to 6 pm, and Sunday 1:30 pm to 9:30 pm.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Sincerely,

Registry Staff

6. Adult Web Survey SAFE EMAIL LIST Postcard Reminder

IMPORTANT REMINDER

This is a friendly reminder about the WTC Health Registry's 2011/12 health survey.

If you haven't completed your survey, please take a few minutes to open the email we sent you and click on your personalized link to complete it online.

If you can't find our email, check your *Junk* email folder. To ensure that you receive Registry emails in the future, add WTCHR@health.nyc.gov to your address book.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) or wtchr@health.nyc.gov.

7. Postcard Reminder

IMPORTANT REMINDER

This is a friendly reminder about the WTC Health Registry's 2011/2012 health survey.

If you haven't completed your survey, please take a few minutes to complete and return it in the postage-paid envelope.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) or wtchr@health.nyc.gov.

8. Autodialed Reminder Call Script

This is a friendly reminder about the World Trade Center Health Registry's 2011/2012 health survey.

If you haven't completed your survey, please take a few minutes to do so.

If you've already completed it, thank you.

If you have questions, please contact us at 866-692-9827 or wtchr@health.nyc.gov.

9. CATI Lead Letter

DATE

Dear Enrollee:

We are writing about the Registry's 2011/2012 health survey. If you have not yet completed your survey, we will call you in the next few weeks to schedule a time to complete it by phone.

RTI International, a not-for-profit research firm, is helping the NYC Department of Health conduct the telephone survey.

The survey is your opportunity to update us about your physical and mental health. Please be sure to complete it even if you don't have any health problems; it will only take about 30 minutes.

Your participation is voluntary, and all information will be kept strictly confidential. We may contact you about 9/11-related services based on your survey answers.

Questions? Want to complete the survey online or need a paper copy? Contact us at 866-NYC-WTCR (866-692-9827), wchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo. To complete the survey by phone, call XXX-XXX-XXXX.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Sincerely,

Mark Farfel, ScD
Director

10. Door-to-Door Outreach Notification Letter

Dear Enrollee:

In January, the Registry will begin visiting enrollees who have not yet completed their 2011/2012 health surveys to answer questions they may have. If you would prefer to not have us visit, please call 866-NYC-WTCR (866-692-9827), email wchr@health.nyc.gov or write to:

New York City Department of Health and Mental Hygiene
World Trade Center Health Registry
42-09 28th Street, CN-6W
Queens, NY 11101-4132

Rest assured that you will still be part of the WTC Health Registry if you choose not to participate in this outreach.

Thank you for your continuing support.

Sincerely,

Mark Farfel, ScD
Director

11. Thank You Letter

DATE

Dear Enrollee:

Thank you for completing your 2011/2012 health survey. Your participation is very important in understanding the health effects of 9/11.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827), or wtchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo.

Thank you for your continuing support.

Sincerely,

Mark Farfel, ScD
Director

12. Thank You Email

SUBJECT: Thank you

DATE

Dear Enrollee:

Thank you for completing your 2011/2012 health survey. Your participation is very important in understanding the health effects of 9/11.

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827), or wtchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo.

Thank you for your continuing support.

13. Letter to Adult Enrollees with Partial Web Surveys

DATE

Dear Enrollee:

We are writing about your 2011/2012 WTC Health Registry health survey. According to our records, you began the survey online but have not yet completed it.

Please take a few minutes to complete and submit your survey. The survey is your opportunity to update us about your physical and mental health, even if you don't have any health problems.

Your participation is voluntary, and all information will be kept strictly confidential.

Questions? Contact us at 866-NYC-WTCR (866-692-9827), wchr@health.nyc.gov, or visit nyc.gov/9-11HealthInfo.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

If you have already submitted your survey, thank you.

Sincerely,

Mark Farfel, ScD
Director

14. Email Reminder to Adult Enrollees with Partial Web Surveys and Web Non-Responders

Dear {First name} {Last Name}:

You may have begun to your survey but have not completed or submitted it.

Please take a few minutes to complete and submit your survey **by the March 18th, survey deadline.**

Here is your personalized link to your 2011/2012 WTC Health Registry: [insert link] and access code (XXXXXX).

You may also copy and paste the personalized URL into a new browser window and enter your access code to access your survey. [insert URL]

Once you reach the end of the survey please don't forget to click the "Submit" button after you review your answers.

The survey is your opportunity to update us about your physical and mental health, even if you don't have any health problems.

Question? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) or wchr@health.nyc.gov.

Need technical support? Call 800-613-2408, Monday through Thursday 9 am to 11 pm, Saturday 10 am to 6 pm, and Sunday 1:30 pm to 9:30 pm.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Sincerely,

Registry Staff

15. Email Reminder to Adult Enrollees with Completed But Not Submitted Web Surveys

Dear {First name} {Last Name}:

You have not clicked on the submit button of your web survey.

In order to submit your survey **by the March 18th survey deadline**, click on your personalized link below and follow the instructions to submit your survey.

Here is your 2011/2012 WTC Health Registry survey link: [insert link] and access code (XXXXXX).

You may also copy and paste the personalized URL into a new browser window and enter your access code to access your survey. [insert URL]

Questions? Need information about 9/11 resources? Contact us at 866-NYC-WTCR (866-692-9827) or wtchr@health.nyc.gov.

Need technical support? Call 800-613-2408, Monday through Thursday 9 am to 11pm, Saturday 10 am to 6 pm, and Sunday 1:30 pm to 9:30 pm.

Thank you for being part of the WTC Health Registry. Your participation is very important in understanding the health effects of 9/11.

Sincerely,

Registry Staff

Appendix F: Communications Schedule

WTCHR Adult & Peds Mass Communications

Updated 4/19/2012

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
June 2011						
	web	Mayor's Letter & Summary of Rights - Group A	6/16/2011	8		Y
	web	Email Invitation - Group A	6/20/2011	8		Y
	web	Mayor's Letter - Group B	6/22/2011	295		Y
	web	Email Invitation - Group B	6/23/2011	251	*	Y
	web/paper	Mayor's Letter - Group C & Paper Survey Group	6/29/2011	64,911		Y
	web	Email Invitation - Group C	6/30/2011	211	*	Y
July 2011						
	web	Email Invitation - Group C	7/5/2011	358	*	Y
	web	Email Invitation - Group C	7/6/2011	720	*	Y
	web	Email Invitation - Group C	7/7/2011	1,454	*	Y
	web	Email Invitation - Group C	7/11/2011	3,281	*	Y
	paper	Paper Survey Mailing - English	7/12/2011	15,578		Y
	paper	Paper Survey Mailing - Chinese	7/12/2011	1,361		Y
	paper	Paper Survey Mailing - Spanish	7/12/2011	1,181		Y
	web	Email Invitation - Group C	7/12/2011	3,273	*	
	web	Email Invitation - Group C	7/13/2011	3,273	*	Y
	web	Email Invitation - Group C	7/14/2011	4,389	Survey Link Error	Y
	web	Email Invitation - Group C	7/15/2011	4,389	Survey Link Error	Y
	web	Email Invitation - Group C	7/19/2011	9,771	* + Resend to 7/14 group	Y
	web	Email Invitation - Group C	7/20/2011	6,566	* + Resend to 7/15 group	Y
	web	Email Invitation - Group C	7/21/2011	3,283	*	Y
	web	Email Invitation - Group C	7/22/2011	3,248	*	Y
	web	Email Invitation - Group C	7/25/2011	298	*	Y
Aug. 2011						
	paper	Paper Survey Mailing - International Enrollees	8/3/2011	105		Y
	All mode experiment	Mayor's letter - to Mode sample	8/10/2011	1,193		N
	CATI-mode sample	CATI lead letter - to Mode sample	8/10/2011	398		Y
	web-Mode sample	Email invitation - to Mode sample	8/11/2011	361	*	Y
	paper-Mode sample	1st paper survey mailing - to Mode sample	8/11/2011	396		Y
	web	1st email reminder to web non-responders	8/15/2011	42,723	*	Y
	web	2nd email reminder to web non-responders	8/25/2011	28,795	*	Y
	paper	1st Reminder postcard to paper non-responders (incl. mode exp. & international)	8/26/2011	15,028		N
	web	"Safe" email postcard to web non-responders (including ~10k email bounce group)	8/26/2011	41,935		N

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
Sept. 2011						
	web	Paper survey mailing to ~10k bounced email enrollees	9/1/2011	9,069		Y
	web	3rd email reminder to web non-responders	9/2/2011	27,267	*	Y
	web	4th email reminder to web non-responders	9/14/2011	25,929	*	Y
	paper	Mayor's letter - to New Adults	9/13/2011	31		
	CATI	CATI lead letter - to W2 CATI Completes	9/13/2011	4,737		N
	web	5th email reminder to web non-responders	9/20/2011	22,267	*	Y
	CATI	Round 1 launch of CATI calls to W2 CATI responders	9/20/2011	4,992		Y
	paper	2nd paper survey mailing to paper non-responders (incl. mode exp. & international)	9/23/2011	15,571		Y
	All	1st Autodialed reminder call to All non-responders	9/27/2011	42,040		N
	web	6th email reminder to web non-responders	9/30/2011	22,764	*	Y
Oct. 2011						
	web	7th email reminder to non-responders	10/5th	22,764	* Sent to reminder #6 population	Y
	web	8th email reminder to non-responders	10/10th	22,437	Incorrect link sent to enrollees	Y
	web	8.5 email reminder to non-responders	10/14th	19,625	* Resend to Reminder #8 group	Y
	web	Thank You Emails	10/14th	15,726	*	N
	paper	2nd Reminder postcard to paper non-responders (incl. mode exp. & international)	10/20th	13,930		N
	web	9th email reminder to non-responders	10/21st	18,959	*	Y
	Peds - paper	Mayor's lead letter - to parents of Peds enrollees	10/19th	1,204		N
	paper	W3 Adult Thank You Letter as of 10/3	10/19th	4,054		N
	paper	1st paper survey mailing to web-nonresponders	10/24th	21,059		Y
	paper	2nd paper survey mailing to ~10k email bounce group; Survey Mode Changes & Paper Survey resends	10/24th	6,585		Y
	CATI	Launch of CATI calls to Sample Replicates 1 & 2	10/24th	2,044		
	CATI	CATI lead letter - Replicates 1 & 2 (English)	10/24th	1,905		N
	CATI	CATI Sample Replicates 1-2 Release	10/24th	2,058		
	web	10th email reminder to non-responders	10/31st	18,238	*	Y

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
	Peds - paper	1st Web invitation letter -to parents of Peds enrollees (English)	11/1st	1,047		Y
Nov. 2011						
	CATI	CATI lead letter - Replicates 1-8 (Other Languages)	11/1st	21		Y
	CATI	CATI lead letter - Replicates 1-2 (Spanish)	11/1st	78		N
	CATI	CATI lead letter - Replicate 3-8 (English)	11/1st	5,602		Y
	CATI	CATI Sample Replicates 3-8 Release	11/7th	6,169		
	CATI	CATI lead letter - Replicates 3-10 (Spanish)	11/9th	104		N
	CATI	CATI Lead letter - Replicates 9 & 10 (English)	11/10th	1,783		N
	CATI	CATI Sample Replicates 9-10 Release	11/14th	2,056		
	web	1st postcard reminder to web-nonresponders & ~10k email bounce group	11/15th	23,239		N
	CATI	CATI Lead letter - Replicates 11 & 12 (English & Spanish)	11/15th	1,646		N
	CATI	CATI Sample Replicates 11-12 Release	11/17th	2,056		
	Peds - paper	1st Pediatric Postcard reminder (English)	11/15th	1,039		N
	web	Email Reminder to Enrollees requesting web invitations & those who had less than 10 reminders	11/15th	229	*	Y
	Peds - paper	Pediatric Paper Surveys (All Languages)	11/18th	1,195		Y
	CATI	CATI Lead letter - Replicates 13 & 14 (English & Spanish)	11/21st	1,516		N
	CATI	CATI Sample Replicates 13-14 Release	11/26th	2,056		
	web/paper	Thank You Letters	11/18th	1,547		N
	web/paper	Thank You Emails	11/21st	6,189	*	N
	CATI	CATI Lead Letters - Original & Replicates 1-14 (Chinese)	11/22nd	194		N
	CATI	CATI Lead letter - Replicates 15 - 17 (All languages)	11/28th	2,300		N
Dec.2011						
	Peds (Paper)	2nd Pediatric Postcard reminder (English); 1st Pediatric Postcard reminder (Spanish & Chinese) - Safe Email and/or W3 Reminder Postcard	12/7th	1,123		N
	Peds (Email)	1st Pediatric email reminders (English)	12/7th	274	*	Y
	CATI	CATI Sample Replicates 15-17 Release	12/1st	3,084		
	web	11th email reminder to non-responders	12/6th	13,403	*	Y

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
	paper/web	3rd paper survey mailing to ALL paper & 10k bounced email non-responders; 2nd paper survey mailing to web non-responders (incl. mode exp. & international)	12/9th	32,963		Y
	CATI	CATI lead letter - Replicates 18 - 20 (All languages)	12/5th	2,272		N
	CATI	CATI Sample Replicates 18-20 Release	12/8th	3,084		
	All	Holiday card mailed to ALL	12/12th	66,339		N
	Peds (Paper)	3rd Pediatric Postcard reminder (English); 2nd Pediatric Postcard reminder (Spanish & Chinese)	12/22nd	1,073		N
	Peds (Email)	2nd Pediatric email reminders (English)	12/21st	255	*	Y
	web/paper	Adult & Pediatric Thank You Letters	12/22nd	636		N
	web/paper	Adult Thank You Emails	12/16th	2,037	*	N
Jan. 2012						
	CATI-mode sample	CATI lead letter - to Mode sample (Web & Paper)	1/3rd	468		N
	Peds	2nd Mailing of Pediatric Paper Survey - All non responders	1/6th	1,190		Y
	paper/web	3rd postcard reminder to ALL paper non-responders & 3rd postcard reminder to web non-responders & 10K bounced email addresses (incl. mode exp. & international)	1/5th	28,845		N
	All	2nd Adult & 1st Pediatric Autodialed reminder call to All non-responders	1/5th	26,558		N
	CATI-mode sample	CATI Mode sample (Web & Paper) - Release	1/5th	488		N
	web	12th email reminder to non-responders - INCLUDE WEB & CATI MODE EXPERIMENT POP	1/11th	11,497	*	Y
		Annual Report Email (English)	1/9th	36,807	*	
	web/paper	Door-to-Door Notification Letter	1/13th	4,845		N
		Annual Report Mailing (English)	1/12th	27,332		
	Peds (Paper)	4th Pediatric Postcard reminder (English); 3rd Pediatric Postcard reminder (Spanish & Chinese)	1/17th	1,038		N
	Peds (Email)	3rd Pediatric email reminders (All languages)	1/17th	249	*	Y
	CATI - W2 Non-responders	CATI Lead Letter - W2 Non-Responders - Replicate 1	1/17th	4,905		N
	CATI - W2 Non-responders	CATI Lead Letter - W2 Non-Responders - Replicate 1 (Release)	1/18th	4,905		
	paper/web	3rd paper survey mailing to web non-responders - INCLUDE WEB & CATI MODE EXPERIMENT POP	1/19th	12,369		Y
	web/paper	Adult & Pediatric Thank You Letters	1/28th	1,023		N
	web/paper	Adult Thank You Emails	1/24th	2,290	*	N

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
		Annual Report Mailing (Spanish & Chinese)	1/28th	2,113		
	web	13th email reminder to non-responders - <u>INCLUDE WEB & CATI MODE EXPERIMENT POP</u>	1/31st	10,185	*	Y
	Peds (Paper)	5th Pediatric Postcard reminder (English); 4th Pediatric Postcard reminder (Spanish & Chinese)	1/31st	959		N
	Peds (Email)	4th Pediatric email reminders (All languages)	1/31st	217	*	Y
Feb. 2012						
	CATI - W2 Non-responders	CATI Lead Letter - W2 Non-Responders - Replicates 2-13	2/6th	11,535		N
	CATI - W2 Non-responders	CATI Lead Letter - W2 Non-Responders - Replicate 2-7 (Release)	2/7th	5,893		
	CATI - W2 Non-responders	CATI Lead Letter - W2 Non-Responders - Replicate 7-13 (Release)	2/8th	5,642		
	web	Letter to All W3 web survey partial completes	2/6th	858		N
	paper/web	4th postcard reminder to ALL paper non-responders & 4th postcard reminder to web non-responders & 10K bounced email addresses - <u>DEADLINE NOTIFICATION</u>	2/9th	26,229		N
	All	2nd Pediatric Autodialed reminder call to All non-responders	2/8th	645		N
	Peds	3rd Mailing of Pediatric Paper Survey - All non responders	2/15th	927		Y
	web/paper	Adult & Pediatric Thank You Letters	2/21st	567		N
	web/paper	Adult Thank You Emails	2/16th	1,350	*	N
	web	14th email reminder to non-responders - <u>DEADLINE NOTIFICATION - INCLUDE WEB & CATI MODE EXPERIMENT POP</u>	3/5th	9,726 84 - Code Code 291	* Code 291 are enrollees who completed a web survey but did not submit	Y
	Peds (Paper)	6th Pediatric Postcard reminder (English); 5th Pediatric Postcard reminder (Spanish & Chinese)	2/29th	893		N
	Peds (Email)	5th Pediatric email reminders (All languages)	2/27th	200	*	Y
	New Adults	Mailing of English Paper Survey - Enrollees requesting Surveys, Spanish and Chinese New Adults (send them English)	3/2nd	813		Y

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
Mar. 2012						
	paper/web	5th postcard reminder to ALL paper non-responders & 5th postcard reminder to web non-responders & 10K bounced email addresses - DEADLINE NOTIFICATION	3/7th	23,734		N
	Peds (Paper)	6th Pediatric Postcard reminder (Spanish & Chinese) IN-HOUSE Include Newly Found Peds Tracing cases (n=25)	3/22nd	182		N
	Peds (Email)	6th Pediatric email reminders (All languages)	3/23rd	196	*	Y
	web/paper	Adult & Pediatric Thank You Emails	3/29th	1,444	*	N
	web/paper	Adult & Pediatric Thank You Letters	3/29th	707		N
Apr. 2012						
	Peds (Paper)	7th Pediatric Postcard reminder (English, Spanish & Chinese) Include Newly Found Peds Tracing cases (n=25)	4/20th	891		N
	Peds (Email)	7th Pediatric email reminders (All languages)	4/16th	242		Y
May 2012						
	Peds	4th Mailing of Pediatric Paper Survey - All non responders Include Newly Found Peds Tracing cases (n=25) Spanish and Chinese Adolescents will receive English Surveys				Y
	Peds (Paper)	8th Pediatric Postcard reminder (English, Spanish & Chinese) Include Newly Found Peds Tracing cases (n=25)				N
	Peds (Email)	8th Pediatric email reminders (All languages)				Y
June 2012						
	Peds (Paper)	9th Pediatric Postcard reminder (English, Spanish & Chinese) Include Newly Found Peds Tracing cases (n=25)				N
	Peds (Email)	9th Pediatric email reminders (All languages)				Y
	Peds	Reminder letter if only parent completed survey or if only child completed survey				N
July 2012						
	Peds	5th Mailing of Pediatric Paper Survey - All non responders - DEADLINE NOTIFICATION Include Newly Found Peds Tracing cases (n=25) Spanish and Chinese Adolescents will receive English Surveys				Y

* = # Excludes bounced, unsubscribed and invalid email addresses

	Survey Mode	Type of Mass Communication	Date Sent	N =	Notes	Personalized?
	Peds (Paper)	10th Pediatric Postcard reminder (English, Spanish & Chinese) - DEADLINE NOTIFICATION Include Newly Found Peds Tracing cases (n=25)				N
	Peds (Email)	10th Pediatric email reminders (All languages) - DEADLINE NOTIFICATION				Y
Aug. 2012						
	Peds (Paper)	11th Pediatric Postcard reminder (English, Spanish & Chinese) - DEADLINE NOTIFICATION Include Newly Found Peds Tracing cases (n=25)				N
	Peds (Email)	11th Pediatric email reminders (All languages) - DEADLINE NOTIFICATION				Y

* = # Excludes bounced, unsubscribed and invalid email addresses

Appendix G: Details on Interactive Tracing Results During Data Collection

WTCHR Wave 3—Interactive Tracing Results During Data Collection

Overall Status	Count	Percentage of Total
Received/unassigned	519	18.41%
Interactive tracing in progress	830	29.44%
Stop work	268	9.51%
Final—located	1,013	35.93%
Final—not located	189	6.70%
Total cases in interactive tracing	2,819	100.00%

Final Case Status	Count	Percentage of Finalized Cases
Located—new address and new phone	64	5.32%
Located—confirmed preload add and preload phone	62	5.16%
Located—confirmed, preload add with new phone	140	11.65%
Located—new address, confirmed preload phone	33	2.75%
Located—confirmed phone only	17	1.41%
Located—confirmed address only	5	0.42%
Located—confirmed preload add only	1	0.08%
Located—confirmed preload phone only	0	0.00%
Located—new e-mail address only	0	0.00%
Located—address only	0	0.00%
Located—phone only	0	0.00%
Located—address and phone	0	0.00%
Located—contact call in	0	0.00%
Located—unconfirmed—no phone	206	17.14%
Located—unconfirmed—phone obtained	417	34.69%
Located—out of country	8	0.67%
Located—unconfirmed decedent	2	0.17%
Located—deceased	36	3.00%
Located—but refused	19	1.58%
Located—incarcerated	0	0.00%
Located—incapacitated	3	0.25%
Located—institutionalized	0	0.00%
Not located—out of country	1	0.08%
Not located—level of effort expired	108	8.99%
Not located—leads exhausted	80	6.66%
Total cases finalized	1,202	100.00%
Locate Rate of Finalized Cases	84.27%	

Appendix H: Addendum to Wave 3 Adult Codebook

Registry analysts conducted additional in-house data cleaning and recoding of the final Wave 3 dataset provided by RTI in April 2012. The results of these processes led to the following changes:

- The total number of adult Wave 3 completed surveys was reduced by one (from 43,135 to 43,134) following the deletion of one adolescent enrollee who completed the adult survey.
- Minor changes in frequencies of responses for some variables reported in the original Wave 3 Adult Codebook.
- Derived variables were created using the final Wave 1 and Wave 2 datasets, including the two age variables below:

Age groups on 9/11

age_911grp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
<18	735	1.70	735	1.70
18-24	2170	5.03	2905	6.74
25-44	22343	51.80	25248	58.54
45-64	16633	38.56	41881	97.10
65+	1249	2.90	43130	100.00

Frequency Missing = 4

Age groups at Wave 3 interview

age_intgrp_w3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
18-24	380	0.88	380	0.88
25-44	11026	25.56	11406	26.45
45-64	25737	59.67	37143	86.12
65+	5987	13.88	43130	100.00

Frequency Missing = 4