**CLEARWATER
RESEARCH, INC.**

2013-2014 New York Expanded BRFSS Survey

Technical Report

2013-2014 New York Expanded BRFSS Survey

Submitted to:
New York State Department of Health

TECHNICAL REPORT

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Executive Summary

This report presents an overview of the data collection methodology used during the 2013-14 New York Expanded Behavioral Risk Factor Surveillance System (ExpBRFSS) survey as well as a detailed description of the case weighting procedures used to produce the final, weighted, data set. Clearwater Research, Inc. (Clearwater) conducted both the landline and cell phone components of the ExpBRFSS survey in accordance with the methodology and guidelines specified by the Centers for Disease Control and Prevention (CDC) for standard annual BRFSS surveys as outlined in the *Behavioral Risk Factor Surveillance System Operational and User's Guide* and the *BRFSS Cell Phone Operational Protocol (Version 1).* The ExpBRFSS primarily mirrored the annual New York BRFSS but was conducted to provide estimates of health indictors at the county, rather than the state-level.

The ExpBRFSS survey contained questions about a wide variety of demographic information, health-related behaviors, and risk factors as well as perceptual questions concerning neighborhood attributes related to healthy lifestyle choices. Data for the project was collected from April 15, 2013 to May 10, 2014. Over the course of the project 23,856 landline surveys and 7,845 cell phone surveys were completed.

This report will discuss the methodology of the ExpBRFSS, including questionnaire development, landline and cell phone sample design, and data collection. Maintenance of data quality will also be highlighted, including ongoing sample tracking, quality review, and data preparation and cleaning. Finally, case weighting procedures will be detailed.

Introduction

The New York State Department of Health (NYSDOH) contracted with Clearwater to implement the data collection and case weighting for the 2013 – 2014 ExpBRFSS. NYSDOH representatives were actively involved in designing and overseeing ExpBRFSS data collection. The project was comprised of twelve monthly waves of data collection. All telephone sample for the project was purchased by Clearwater from Marketing Systems Group (MSG), the sample vendor used by CDC for the annual BRFSS. Clearwater completed 23,856 landline interviews across 58 counties or county groupings and 7,845 cell phone interviews across eight regions.

Project Purpose

The purpose of this project was to provide estimates of a wide range of health indicators at the county level to facilitate county-level behavioral risk factor tracking and enable counties to effectively target resources to interventions specific to the health needs of their populations. The ExpBRFSS was last conducted in 2008-2009 and did not include a cell phone component.

Methodology

Survey Instrument

ExpBRFSS utilized a questionnaire that was designed by the NYSDOH. Clearwater reviewed the preliminary survey instrument with NYSDOH and recommended minor modifications necessary to improve question flow and reduce ambiguity. The questionnaire covered a range of health conditions and behaviors related to public health issues as well as a series of demographic items. Appendix A contains the full version of the questionnaire. The survey was conducted in English or Spanish, depending on the respondent's preference.

The initial fielding of the survey was restricted to a small number of completed interviews. A select group of experienced interviewers was asked to provide feedback on their interviewing experiences by describing any problems encountered in the survey and by offering suggestions for improvement. The Clearwater trainer and data collection supervisors were asked to provide similar feedback on sample problems and training issues. The ExpBRFSS research analyst conducted debriefings with the interviewers, supervisors, and trainer to identify and understand problems and issues. The initial restricted phase of data collection did not result in adjustments to the questionnaire and implementation of the project in full began on schedule.

Landline Sample Design

Clearwater worked closely with the NYSDOH to design the sampling strategy for the ExpBRFSS. Development of the landline sample frame was straightforward. The landline sample was stratified by county. Each county in New York constituted a single stratum with the exception of the five counties comprising New York City. These counties, Bronx, Kings (Brooklyn), New York (Manhattan), Queens, and Richmond (Staten Island), were grouped together to form one stratum. The completed interview goal for the landline component of the project was 23,200, comprised of 400 completed landline interviews in each of the 58 strata.

The landline survey was conducted using the disproportionate stratified sample (DSS) sampling design supported by the CDC for standard BRFSS surveys. The DSS design uses the "one-plus" bank

frame stratified into separate frames of listed-household and unlisted telephone numbers. The listed-household stratum has a higher density of households than the unlisted stratum. The DSS method samples the listed stratum at a rate 1.5 times that of the unlisted stratum. This results in an overall increase in the efficiency of the sample; fewer sample records are required to contact a target number of households with the DSS design than with an unstratified design. Because landline telephones are often shared among persons living within a residence and multiple landline accounts may serve a given residence, household level sampling required Clearwater interviewers to collect information on the number of adults living within a residence and the number of landline telephones that ring at the residence. The selected respondent for the survey was chosen randomly from all eligible adults residing at the household.

Cell Phone Sample Design

Creation of the cell phone sample frame was complicated by the fact that stratifying the cell phone frame at the county level was not feasible for all of New York State. CDC's sample vendor, MSG, stratifies cell phone frames by rate center rather than county. Rate centers delineate local call boundaries set by service providers for billing purposes and can be larger than a county. In instances where the rate center is larger than a county, MSG assigns the rate center to only one county based on plurality. This means a county with no rate center within its borders will be included in the cell phone stratum of the county with the rate center that serves the plurality of its cell phone subscribers. This is achieved by stratifying the state by groups of contiguous counties (regions) rather than individual counties.

NYSDOH and Clearwater proceeded with a regional cell phone sampling strategy for ExpBRFSS because combining completed interviews from the cell phone frame (sampled regionally) with completes from the landline frame (sampled by county) to produce county-level estimates was a viable approach. NYSDOH grouped each county in New York into one of eight regions as outlined in Appendix B. The completed interview goal for the cell phone survey was 7,770, comprised of 971 completed cell phone interviews in each of the eight strata.

A drawback associated with this sampling approach was the inability to know in advance how many cell phone completed interviews would be collected in a given county and thus whether raking to the telephone status margin in creating the case weights would be feasible for all counties. In the end it was decided that for counties with a large enough number of completes from the cell phone frame, Clearwater would include telephone status during raking. Conversely, for counties with too few cell phone completes, Clearwater would not include the telephone status margin when raking the weights for that county.

The cell phone sampling frame provided by MSG for the standard BRFSS is based on the Telecordia database of telephone exchanges and 1,000 banks and uses dedicated cellular banks, sorted on the basis of area code and exchange within a state.[1] The ExpBRFSS was also conducted with this sample frame. However, unlike the landline sample, any adult reached by cell phone was eligible for the cell phone survey if they met the criteria of living in a private household or college housing and were "cell mostly" users (receiving 90% or more of calls on their cell phone).

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[1] BRFSS Cell Phone Operational Protocol. Version 1.0. October 2011.

Sample Purchase and Tracking

At the onset of data collection, Clearwater estimated the amount of sample needed to achieve the desired number of completed interviews for the landline and cell phone surveys and purchased sample directly from MSG. Clearwater then tracked the number of ExpBRFSS completes and adjusted quarterly sample requests accordingly. NYSDOH and Clearwater ExpBRFSS project team members also met via conference call on a quarterly basis to jointly monitor sample activity and data collection progress.

Data Collection

Data was collected for ExpBRFSS over the course of twelve monthly waves, starting April 15, 2013 and ending May 10, 2014.[2] The goal of each wave was to obtain roughly 8.3% of the required completes in each county for the landline survey and each region for the cell phone survey.

Experienced interviewers conducted telephone interviews using computer-assisted telephone interviewing (CATI) software. The CATI system managed the telephone calling, monitored calling, controlled distribution of sample records to interviewers, consolidated data, and tracked interviewer productivity.

Telephone calling protocols for ExpBRFSS followed those of standard BRFSS. Clearwater resolved each landline sample record in the telephone phase by attempting the number 15 times during the calling period or until a final disposition (such as "completed interview" or "disconnected/non-working number") was assigned. Cell phone sample records were attempted 12 times during the fielding period.

Encouraging Participation

In addition to CDC-recommended BRFSS protocols for achieving acceptable response rates, Clearwater used the following tools to maximize response rates and avoid refusals for the ExpBRFSS survey.

Reducing Respondent Reluctance

Clearwater developed ExpBRFSS project specific scripts, answering questions frequently asked by respondents. These scripts were available to interviewers via hot keys to refer to at any point during an interview to reassure reluctant respondents. The scripts addressed respondent confidentiality, use of data, survey sponsorship, and other similar topics. Interviewers were also able to provide the name and contact number of a NYSDOH representative familiar with the project if respondents wished to verify the legitimacy of the survey.

Treatment of Refusals

Any time respondents refused to participate, either initially or during an interview, following standard BRFSS guidelines, Clearwater interviewers re-contacted the respondents, attempting to gain their cooperation. Clearwater used special refusal recovery and mid-interview terminated recovery scripts in this effort.

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[2] Data collection was extended slightly beyond the original end date of April 14, 2014 to accommodate an invoicing issue.

Data Quality

Interviewers were thoroughly briefed prior to data collection and interviewers rehearsed the questionnaire before conducting actual interviews. During telephone fielding, survey data was entered and automatically consolidated by the CATI software as interviewers completed each questionnaire with a respondent.

Supervisors and monitors monitored telephone interviews throughout the fielding period to maintain data quality during the fielding of ExpBRFSS. Clearwater used an electronic monitoring and tracking system, allowing monitors to record results during monitoring sessions to facilitate checks for accuracy and completeness. Quality indicators included the ability to read scripts and questions verbatim in a professional, neutral, non-judgmental tone as well as the ability to probe for clarification. Monitors also assessed the tone of interviewers and addressed displays of discourtesy or frustration on the part of interviewers regardless of the conduct of the respondent.

Data Preparation

Clearwater performed comprehensive data inspection procedures at the end of each monthly field period. Interviewer errors were documented on data change forms and corrected in the data set using Ci3 data editing techniques. As necessary, call-backs verifying any missing or out-of-range information were also conducted. The resulting monthly data file was imported into a database where a series of proprietary processes, including a frequency check of all questions, verified data accuracy.

Clearwater provided the NYSDOH with edited and formatted data sets within 14 working days of the close of each monthly interviewing period via a secure website set up by Clearwater. The monthly data files contained data from all completed interviews as well as all open-ended literal responses.

Data Quality Reporting

Clearwater facilitated the NYSDOH's review of data collection performance measures by providing separate landline, cell phone, and combined landline and cell phone quality reports to the NYSDOH at the conclusion of each monthly wave of data collection. Each report was comprised of three major components: 1) monthly dispositions, 2) response rate tracking information, and 3) tables of gender, race, and age distributions to enable NYSDOH staff to monitor representativeness of the sample.

The monthly disposition component included:

- Counts and frequency distributions for all final disposition codes with months presented individually and year-to-date averages

The monthly response rate component included:

- Response rate eligibility groupings (as defined by the CDC)

- Council of American Survey Research Organizations (CASRO) rate

- Cooperation rate

- Refusal rate

- Average interview length
- Partial complete rate

Final quality reports for ExpBRFSS landline survey, cell phone survey, and the combined surveys are located in Appendices C, D, and E, respectively.

Case Weighting

The ExpBRFSS data were weighted to account for the sample design and to reduce the effect of unit nonresponse. The sample design yields a complex probability sample because different sampling fractions were used for each county landline frame and region cell phone frame. In addition, multiple landlines serving a household and multiple adults residing in households with landlines affect the probability of selection (POS) for individual respondents. Case weights were calculated to account for these varying POS. The POS weights were trimmed at the county level so that the largest weight was no greater than three times the median weight and likewise the smallest weight was no less than the median weighted divided by three.

The trimmed POS weights were raked to US Census county- and region-level administrative control totals for sex, age, race, ethnicity, educational attainment, marital status, owner/renter status, and telephone usage group. This was done to help minimize bias due to differential nonresponse patterns (refusal and noncontact) among demographic categories associated with important health risks. The control totals were downloaded from US Census 2012 estimates through the American FactFinder Web site. The county-level estimates were summed within each state to provide administrative control totals for the state's adult population by age, gender, and race/ethnicity.

Raking margin cells were collapsed following CDC rules for 2012 BRFSS case weighting. The final raking margins are provided in Appendix F. For the ExpBRFSS, we used 12 raking margins:

1. Age × Gender (7 × 2 = 14 cells)
   - Males: 18–24, 25–34, 35–44, 45–54, 55–64, 65–74, 75+
   - Females: 18–24, 25–34, 35–44, 45–54, 55–64, 65–74, 75+

2. Race/Ethnicity (6 categories: White non-Hispanic, Black non-Hispanic, Hispanic, Asian non-Hispanic, American Indian/Alaska Native NH, Other)

3. Education (4 categories)
   - Less than high school
   - High school graduate
   - Some college
   - College graduate

4. Marital Status (3 categories)
   - Married
   - Never married or part of an unmarried couple
   - Divorced or widowed or separated

5. Owner/Renter Status (2 categories)
    - Own
    - Rent and other arrangement

6.   Gender × Race/Ethnicity (2 × 4 = 8 cells)

7.   Age (3 categories, 18–34, 35–54, 55+) × Race/Ethnicity

8.   Telephone Usage Groups (landline only, landline and cell phone, and cell phone only)

9.   County

10.   County × Race/ethnicity

11.   County × Age Categories

12.   County × Gender

For weighted analysis, most statistical analysis programs treat cases without weights as if the case weight were zero, i.e., the case is suppressed from the analysis. In order to weight as many cases as possible, we imputed values where they were missing (e.g., due to a refusal to provide an answer to an item involved in the weighting calculation). Gender and number of adults were not imputed. Cases missing values for gender or number of adults were not included in the final data set. Missing values for other variables were imputed as follows:

- County was imputed using (in order) M11Q13, M11Q14, LISTCNTY (for landline records) and ASGCNTY (for landline records).

- Region was imputed by imputed county.

- Race/ethnicity was imputed by the modal category of the imputed region. For all regions, the modal category was Non-Hispanic White.

- Age was imputed by the mean age for the region × race × gender group of the respondent. If race was missing, the imputed age was the mean age for the sex of the respondent for the imputed region.

- Education was imputed using a hot deck method sorting by region, gender, race/ethnicity group, and age group. Each case missing a value for educational attainment was assigned the value from the nearest case with a valid response.

- Marital status was imputed using a hot deck method sorting by region, gender, race/ethnicity group, and age group. Each case missing a value for marital status was assigned the value from the nearest case with a valid response.

Project Deliverables Summary

The following deliverables were provided to NYSDOH by Clearwater during the course of the ExpBRFSS project.

- Preliminary landline and cell phone data sets (delivered one week after the commencement of interviewing)

- Monthly landline and cell phone data sets

- Monthly landline, cell phone, and combined landline and cell phone quality reports

- Quarterly reports outlining the number of completed interviews by strata (county) for landline and (region) for cell phone

- Quarterly conference calls with Clearwater and NYSDOH team members

- Codebooks and data files with weights / data tables of landline and cell phone responses (delivered after four months of data collection and at project end)

- Final technical report

Appendix A: ExpBRFSS Questionnaire

BRFSS

2013 - 2014

Behavioral Risk Factor Surveillance System
Expanded Questionnaire

March 12, 2013

INTRO

INTROQST

HELLO, I am calling for the **{New York State Department of Health}**. My name is [Interviewer Name].

We are gathering information about the health of **{New York}** residents. This project is conducted by the health department with assistance from the Centers for Disease Control and Prevention. Your telephone number has been chosen randomly, and I would like to ask some questions about health and health practices.

Is this **{PHONE7}**?

1	YES, CONTINUE	**SKP**	→	**PRIVRES**
2	NUMBER IS NOT THE SAME	**SKP**	→	**WRONGNUM**

WRONGNUM   IF - INTROQST = 2

Thank you very much, but I seem to have dialed the wrong number. It's possible that your number may be called at a later time.

SKP   →   **INTROQST**

PRIVRES   IF - INTROQST = 1

Is this a private residence?

READ ONLY IF NECESSARY:

"By private residence, we mean someplace like a house or apartment."

1	YES, CONTINUE	**SKP**	→	**STATRES**
2	NO, NON-RESIDENTIAL	**SKP**	→	**COLLEGE**
3	NO, BUSINESS PHONE ONLY	**SKP**	→	**BUSINES**

BUSINES   IF - PRIVRES = 3

Thank you very much but we are only interviewing person on residential phone lines at this time.

SKP   →   **4500**

COLLEGE IF - PRIVRES = 2

Do you live in college housing?

READ ONLY IF NECESSARY:

"By college housing we mean dormitory, graduate student or visiting faculty housing, or other housing arrangements provided by a college or university."

1 YES, CONTINUE	**SKP**	**→**	**STATRES**
2 NO	**SKP**	**→**	**NONRES**

NONRES IF - COLLEGE = 2

Thank you very much, but we are only interviewing persons who live in a private residence or college housing at this time.

	SKP	**→**	**4500**

STATRES IF - PRIVRES = 1 OR COLLEGE = 1

Do you reside in **{New York}**?

1 YES	**SKP**	**→**	**ISCELL**
2 NO	**SKP**	**→**	**NONSTAT**

NONSTAT IF - STATRES = 2

Thank you very much, but we are only interviewing persons who live in the state of **{New York}** at this time.

	SKP	**→**	**4100**

ISCELL IF - STATRES = 1

Is this a cellular telephone?

INTERVIEWER NOTE: TELEPHONE SERVICE OVER THE INTERNET COUNTS AS LANDLINE SERVICE (INCLUDES VONAGE, MAGIC JACK AND OTHER HOME-BASED PHONE SERVICES).

READ ONLY IF NECESSARY:

"By cellular (or cell) telephone we mean a telephone that is mobile and usable outside of your neighborhood."

1 NO, NOT A CELLULAR TELEPHONE, CONTINUE			
2 YES, A CELLULAR TELEPHONE	**SKP**	**→**	**CELLYES**

CELLYES   IF - ISCELL = 2

Thank you very much, but we are only interviewing by land line telephones and for private residences or college housing.

                                              SKP   →   **4450**

LLADULT   IF - COLLEGE = 1

Are you 18 years of age or older?

NOTE: ASK GENDER IF NECESSARY

1	Yes and the respondent is male	**SKP**	→	**YOURTHE1**
2	Yes and the respondent is female	**SKP**	→	**YOURTHE1**
3	No	**SKP**	→	**LLNOADLT**

LLNOADLT   IF - LLADULT = 3

Thank you very much, but we are only interviewing persons aged 18 or older at this time.

                                              SKP   →   **4700**

ADULTS   IF - PRIVRES = 1

I need to randomly select one adult who lives in your household to be interviewed. How many members of your household, including yourself, are 18 years of age or older?

___   NUMBER OF ADULTS

MEN   IF - ADULTS > 1

How many of these adults are men?

___   NUMBER OF MEN

WOMEN   IF - ADULTS > 1

How many of these adults are women?

___   NUMBER OF WOMEN

WRONGTOT	IF - MEN + WOMEN <> ADULTS

I'm sorry, something is not right.

         Number of Men   -   **{MEN}**

         Number of Women   - + **{WOMEN}**

         Number of Adults -   **{ADULTS}**

1	CORRECT THE NUMBER OF MEN	**SKP**	**→**	**MEN**
2	CORRECT THE NUMBER OF WOMEN	**SKP**	**→**	**WOMEN**
3	CORRECT THE NUMBER OF ADULTS	**SKP**	**→**	**ADULTS**

SELECTED	IF - ADULTS > 1 AND (MEN + WOMEN) = ADULTS

The person in your household I need to speak with is the **{SRESP}**.

Are you the **{SRESP}**?

1	YES	**SKP**	**→**	**YOURTHE1**
2	NO	**SKP**	**→**	**GETNEWAD**

ONEADULT	IF - ADULTS = 1

Are you the adult?

INTERVIEWER NOTE: ASK GENDER IF NECESSARY.

1	YES AND THE RESPONDENT IS A MALE.	**SKP**	**→**	**YOURTHE1**
2	YES AND THE RESPONDENT IS A FEMALE.	**SKP**	**→**	**YOURTHE1**
3	NO			

ASKGENDR	IF - ADULTS = 1 AND ONEADULT = 3

Is the Adult a man or a woman?

1   MALE
2   FEMALE

GETADULT	IF - ONEADULT = 3

May I speak with...

{IF ASKGENDR = 1, ...him?, ...her?}

1	YES, ADULT IS COMING TO THE PHONE	**SKP**	**→**	**NEWADULT**
2	NO, GO TO NEXT SCREEN, PRESS F3 TO SCHEDULE A CALL-BACK	**SKP**	**→**	**NEWADULT**

YOURTHE1	IF - SELECTED = 1 OR ONEADULT < 3

Then you are the person I need to speak with.

| 1 | PERSON INTERESTED, CONTINUE | **SKP** | → | **INTROSCR** |
| 2 | GO BACK TO ADULTS QUESTION. WARNING: A NEW RESPONDENT MAY BE SELECTED | **SKP** | → | **ADULTS** |

GETNEWAD	IF - SELECTED = 2

May I speak with the **{SRESP}**?

1	YES, SELECTED RESPONDENT COMING TO THE PHONE	**SKP**	→	**NEWADULT**
2	NO, GO TO NEXT SCREEN, PRESS F3 TO SCHEDULE A CALL-BACK	**SKP**	→	**NEWADULT**
3	GO BACK TO ADULTS QUESTION. WARNING: A NEW RESPONDENT MAY BE SELECTED	**SKP**	→	**ADULTS**

NEWADULT	IF - GETADULT = 1 OR GETADULT = 2 OR GETNEWAD = 1 OR GETNEWAD = 2

HELLO, I am calling for the **{New York State Department of Health}**. My name is **[Interviewer Name]**.

We are gathering information about the health of **{New York}** residents. This project is conducted by the health department with assistance from the Centers for Disease Control and Prevention. Your telephone number has been chosen randomly, and I would like to ask some questions about health and health practices.

| 1 | PERSON INTERESTED, CONTINUE | **SKP** | → | **INTROSCR** |
| 2 | GO BACK TO ADULTS QUESTION. WARNING: A NEW RESPONDENT MAY BE SELECTED | **SKP** | → | **ADULTS** |

Core Sections

INTROSCR

I will not ask for your last name, address, or other personal
information that can identify you. You do not have to answer any
question you do not want to, and you can end the interview at any
time. Any information you give me will be confidential. If you have
any questions about the survey, please call **{CPHONE}**.

1	PERSON INTERESTED, CONTINUE	**SKP**	→	**M01INTRO**
2	GO BACK TO ADULTS QUESTION. WARNING: A NEW RESPONDENT MAY BE SELECTED	**SKP**	→	**ADULTS**

Module 1: Health Status

M01INTRO

M01Q01

Would you say that in general your health is...

PLEASE READ:

1   Excellent
2   Very good
3   Good
4   Fair or
5   Poor

7   DON'T KNOW/NOT SURE
9   REFUSED

M01END

Module 2: Healthy Days –- Health-Related Quality of Life

M02INTRO

M02Q01

Now thinking about your physical health, which includes physical
illness and injury, for how many days during the past 30 days was your
physical health not good?

___   NUMBER OF DAYS

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED
01   MIN
30   MAX

M02Q02

Now thinking about your mental health, which includes stress,
depression, and problems with emotions, for how many days during the
past 30 days was your mental health not good?

___   NUMBER OF DAYS

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED
01   MIN
30   MAX

CATI NOTE: IF M02Q01 AND M02Q02 = 88(NONE), GO TO NEXT SECTION

M02Q03   IF - NOT(M02Q01 = 88 AND M02Q02 = 88)

During the past 30 days, for about how many days did poor physical or
mental health keep you from doing your usual activities, such as self-
care, work, or recreation?

___   NUMBER OF DAYS

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED
01   MIN
30   MAX

M02END

Module 3: Health Care Access

M03INTRO

M03Q01

Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, government plans such as Medicare, or Indian Health Service?

1 YES
2 NO

7 DON'T KNOW/NOT SURE
9 REFUSED

M03Q02

Do you have one person you think of as your personal doctor or health care provider?

1 Yes, only one
2 More than one
3 No

7 DON'T KNOW/NOT SURE
9 REFUSED

M03Q03

Was there a time in the past 12 months when you needed to see a doctor but could not because of cost?

1 YES
2 NO

7 DON'T KNOW/NOT SURE
9 REFUSED

M03Q04

About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.

1   Within the past year (anytime less than 12
    months ago)
2   Within the past 2 years (1 year but less
    than 2 years ago)
3   Within the past 5 years (2 years but less
    than 5 years ago)
4   5 or more years ago

7   DON'T KNOW/NOT SURE
8   NEVER
9   REFUSED

M03END

Module 4: Health Care Access (type)

M04INTRO

M04Q01   IF – M03Q01 = 1

What type of health care coverage do you use to pay for most of your medical care?

Is it through:

INTERVIEWER NOTE: IF MORE THAN ONE, ASK:

"Which type do you use to pay for most of your medical care?"

PLEASE READ

01   Your employer
02   Someone else's employer
03   A plan that you or someone else buys on
     your own
04   Medicare
05   Medicaid or Medical Assistance
06   Family Health Plus (State Sponsored
     Program)
07   The Military, Champus, TriCare or the VA
     (or Champ VA)
08   The Indian Health Service or
09   Some other source

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED

M04Q02   IF - M03Q01 = 2

There are some types of coverage you may not have considered. Please tell me if you have any of the following:

INTERVIEWER NOTE: IF MORE THAN ONE, ASK:

"Which type do you use to pay for most of your medical care?"

Coverage through:

PLEASE READ

01   Your employer
02   Someone else's employer
03   A plan that you or someone else buys
        on your own
04   Medicare
05   Medicaid or Medical Assistance
06   Family Health Plus (State Sponsored
        Program)
07   The Military, Champus, TriCare or
        the VA (or Champ VA)
08   The Indian Health Service or
09   Some other source

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED

M04END

Module 5: Hypertension Awareness

M05INTRO

M05Q01

Have you **EVER** been told by a doctor, nurse, or other health professional that you have high blood pressure?

READ ONLY IF NECESSARY:

"By 'other health professional' we mean a nurse practitioner, a physician's assistant, or some other licensed health professional."

IF "YES" AND RESPONDENT IS FEMALE, ASK:

"Was this only when you were pregnant?"

1	Yes			
2	Yes, but female told only during pregnancy	**SKP**	→	**M05END**
3	No	**SKP**	→	**M05END**
4	Told borderline high or pre-hypertensive	**SKP**	→	**M05END**
7	DON'T KNOW/NOT SURE	**SKP**	→	**M05END**
9	REFUSED	**SKP**	→	**M05END**

M05Q01V   IF - RESPGEND = 1 AND M05Q01 = 2

INTERVIEWER: YOU RECORDED THAT THE RESPONDENT WAS TOLD BY A DOCTOR DURING PREGNANCY THAT SHE HAD HIGH BLOOD PRESSURE. ARE YOU SURE?

THE RESPONDENT SELECTED WAS THE

{SRESP}

IS THE PREVIOUS ANSWER CORRECT?

1	YES			
2	NO	**SKP**	→	**M05Q01**

M05Q02   IF - M05Q01 = 1

Are you currently taking medicine for your high blood pressure?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M05END

Module 6: Cholesterol Awareness

M06INTRO

M06Q01

Blood cholesterol is a fatty substance found in the blood. Have you **EVER** had your blood cholesterol checked?

1   YES
2   NO   **SKP**   →   **M06END**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M06END**
9   REFUSED   **SKP**   →   **M06END**

M06Q02   IF – M06Q01 = 1

Have you **EVER** been told by a doctor, nurse or other health professional that your blood cholesterol is high?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M06END

Module 7: Asthma

M07INTRO

M07Q01

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

1   YES
2   NO   **SKP**   →   **M07END**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M07END**
9   REFUSED   **SKP**   →   **M07END**

M07Q02   IF – M07Q01 = 1

Do you still have asthma?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M07END

Module 8: Arthritis

M08INTRO

M08Q01

(Ever told) you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

INTERVIEWER NOTE: ARTHRITIS DIAGNOSES INCLUDE:

- rheumatism, polymyalgia rheumatica

- osteoarthritis (not osteoporosis)

- tendonitis, bursitis, bunion, tennis elbow

- carpal tunnel syndrome, tarsal tunnel syndrome

- joint infection, Reiter's syndrome

- ankylosing spondylitis; spondylosis

- rotator cuff syndrome

- connective tissue disease, scleroderma, polymyositis, Raynaud's syndrome

- vasculitis (giant cell arteritis, Henoch-Schonlein purpura, Wegener's granulomatosis)

- polyarteritis nodosa

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M08END

Module 9: Diabetes

M09NTRO

M09Q01

(Ever told) you have diabetes?

INTERVIEWER NOTE: IF "YES" AND RESPONDENT IS FEMALE, ASK:

"Was this only when you were pregnant?"

IF RESPONDENT SAYS PRE-DIABETES OR BORDERLINE DIABETES, USE RESPONSE
CODE 4.

1   YES
2   YES, BUT FEMALE TOLD ONLY DURING PREGNANCY
3   NO
4   NO, PRE-DIABETES OR BORDERLINE DIABETES

7   DON'T KNOW/NOT SURE
9   REFUSED

M09Q01V   IF - RESPGEND = 1 AND M09Q01 = 2

INTERVIEWER: YOU RECORDED THAT THE RESPONDENT WAS TOLD BY A DOCTOR
DURING PREGNANCY THAT SHE HAD DIABETES. ARE YOU SURE?

THE RESPONDENT SELECTED WAS THE

{SRESP}

IS THE PREVIOUS ANSWER CORRECT?

1   YES
2   NO   **SKP   →   M09Q01**

M09END

Module 10: Pre-Diabetes

CATI NOTE: ONLY ASKED OF THOSE <u>NOT</u> RESPONDING "YES" (CODE = 1) TO MODULE 9:
M09Q01 (DIABETES AWARENESS QUESTION).

M10INTRO	IF - M09Q01 > 1

M10Q01	IF - M09Q01 > 1

Have you had a test for high blood sugar or diabetes within the past
three years?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

CATI NOTE: IF MODULE M09Q01 = 4 (NO, PRE-DIABETES OR BORDERLINE DIABETES);
ANSWER M10Q02 = YES (CODE = 1).

M10Q02	IF - (M09Q01 > 1 AND M09Q01 < 4) OR M09Q01 > 4

Have you ever been told by a doctor or other health professional that
you have pre-diabetes or borderline diabetes?

IF "YES" AND RESPONDENT IS FEMALE, ASK:

"Was this only when you were pregnant?"

1   Yes
2   Yes, during pregnancy
3   No

7   DON'T KNOW/NOT SURE
9   REFUSED

M10END	

Module 11: Demographics

M11INTRO

M11Q01

What is your age?

___   CODE AGE IN YEARS [99 = 99 years or older]

07   DON'T KNOW/NOT SURE
09   REFUSED
18   MIN
99   MAX

M11Q02

Are you Hispanic, Latino/a, or Spanish origin?

IF "YES", ASK:

"Are you Mexican, Mexican American, Chicano/a, Puerto Rican, Cuban, Another Hispanic, Latino/a, or Spanish origin?"

1 No, not of Hispanic, Latino/a, or Spanish origin
2 Mexican, Mexican American, Chicano/a
3 Puerto Rican
4 Cuban
5 Another Hispanic, Latino/a, or Spanish origin

8 NO ADDITIONAL CHOICES
7 DON'T KNOW/NOT SURE
9 REFUSED

M11Q03

Which one or more of the following would you say is your race?

INTERVIEWER NOTE: SELECT ALL THAT APPLY

INTERVIEWER NOTE: IF 40 (ASIAN) OR 50 (PACIFIC ISLANDER) IS SELECTED READ AND CODE SUBCATEGORIES UNDERNEATH MAJOR HEADING.

PLEASE READ:

```
10    White
20    Black or African American
30    American Indian or Alaska Native
40    Asian
41     Asian Indian
42     Chinese
43     Filipino
44     Japanese
45     Korean
46     Vietnamese
47     Other Asian
50    Pacific Islander
51     Native Hawaiian
52     Guamanian or Chamorro
53     Samoan
54     Other Pacific Islander

60    OTHER [PLEASE SPECIFY]
88    NO ADDITIONAL CHOICES
77    DON'T KNOW/NOT SURE
99    REFUSED
```

CATI NOTE: IF MORE THAN ONE RESPONSE TO M11Q03; CONTINUE. OTHERWISE, GO TO
M11Q05

M11Q04	IF – M11Q03 < 77 AND M11Q03.2 > 0 AND M11Q03.2 <> 88

Which one of these groups would you say best represents your race?

INTERVIEWER NOTE: IF 40 (ASIAN) OR 50 (PACIFIC ISLANDER) IS SELECTED
READ AND CODE SUBCATEGORIES UNDERNEATH MAJOR HEADING.

PLEASE READ:

```
10   White
20   Black or African American
30   American Indian or Alaska Native
40   Asian
41    Asian Indian
42    Chinese
43    Filipino
44    Japanese
45    Korean
46    Vietnamese
47    Other Asian
50   Pacific Islander
51    Native Hawaiian
52    Guamanian or Chamorro
53    Samoan
54    Other Pacific Islander

60   OTHER [PLEASE SPECIFY]
88   NO ADDITIONAL CHOICES
77   DON'T KNOW/NOT SURE
99   REFUSED
```

M11Q05

Have you ever served on active duty in the United States Armed Forces,
either in the regular military or in a National Guard or military
reserve unit? Active duty does not include training for the Reserves
or National Guard, but **DOES** include activation, for example, for the
Persian Gulf War.

```
1   Yes
2   No

7   DON'T KNOW/NOT SURE
9   REFUSED
```

M11Q06

Are you…?

PLEASE READ:

1   Married
2   Divorced
3   Widowed
4   Separated
5   Never married Or
6   A member of an unmarried couple

9   REFUSED

M11Q07

How many children less than 18 years of age live in your household?

___   NUMBER OF CHILDREN

88   NONE
99   REFUSED
01   MIN
87   MAX

M11Q08

What is the highest grade or year of school you completed?

READ ONLY IF NECESSARY:

1   Never attended school or only attended
    kindergarten
2   Grades 1 through 8 (Elementary)
3   Grades 9 through 11 (Some high school)
4   Grade 12 or GED (High school graduate)
5   College 1 year to 3 years (Some college
    or technical school)
6   College 4 years or more (College
    graduate)

9   REFUSED

M11Q09

Are you currently...?

PLEASE READ:

1   Employed for wages
2   Self-employed
3   Out of work for 1 year or more
4   Out of work for less than 1 year
5   A Homemaker
6   A Student
7   Retired Or
8   Unable to work

9   REFUSED

CATI NOTE: IF RESPONDENT REFUSES AT ANY INCOME LEVEL CODE INCOME VARIABLE TO 99 (REFUSED).

M11Q10d

Is your annual household income from all sources:

Less than $25,000?

1	YES		
2	NO	**SKP** →	**M11Q10e**
7	DON'T KNOW/NOT SURE	**SKP** →	**M11Q10i**
9	REFUSED	**SKP** →	**M11Q10i**

M11Q10c   IF - M11Q10d = 1

(Is your annual household income from all sources:)

Less than $20,000?

1	YES		
2	NO	**SKP** →	**M11Q10i**
7	DON'T KNOW/NOT SURE	**SKP** →	**M11Q10i**
9	REFUSED	**SKP** →	**M11Q10i**

M11Q10b   IF - M11Q10c = 1

(Is your annual household income from all sources:)

Less than $15,000?

1   YES
2   NO   **SKP**   →   **M11Q10i**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q10i**
9   REFUSED   **SKP**   →   **M11Q10i**

M11Q10a   IF - M11Q10b = 1

(Is your annual household income from all sources:)

Less than $10,000?

1   YES   **SKP**   →   **M11Q10i**
2   NO   **SKP**   →   **M11Q10i**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q10i**
9   REFUSED   **SKP**   →   **M11Q10i**

M11Q10e   IF - M11Q10d = 2

(Is your annual household income from all sources:)

Less than $35,000?

1   YES   **SKP**   →   **M11Q10i**
2   NO

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q10i**
9   REFUSED   **SKP**   →   **M11Q10i**

M11Q10f   IF - M11Q10e = 2

(Is your annual household income from all sources:)

Less than $50,000?

1   YES   **SKP**   →   **M11Q10i**
2   NO

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q10i**
9   REFUSED   **SKP**   →   **M11Q10i**

M11Q10g   IF - M11Q10f = 2

(Is your annual household income from all sources:)

Less than $75,000?

1 YES	**SKP**	→	**M11Q10i**
2 NO	**SKP**	→	**M11Q10i**
7 DON'T KNOW/NOT SURE	**SKP**	→	**M11Q10i**
9 REFUSED	**SKP**	→	**M11Q10i**

M11Q10i

ANNUAL HOUSEHOLD INCOME FROM ALL SOURCES IS:

{IF M11Q10g = 2, More than $75,000?}

{IF M11Q10g = 1, $50,000 to less than $75,000}

{IF M11Q10f = 1, $35,000 to less than $50,000}

{IF M11Q10e = 1, $25,000 to less than $35,000}

{IF M11Q10c = 2, $20,000 to less than $25,000}

{IF M11Q10b = 2, $15,000 to less than $20,000}

{IF M11Q10a = 2, $10,000 to less than $15,000}

{IF M11Q10a = 1, Less than $10,000}

{Default, REFUSED/DON'T KNOW/NOT SURE}

IS THIS CORRECT?

1 YES			
2 NO	**SKP**	→	**M11Q10d**
7 DON'T KNOW/NOT SURE			
9 REFUSED			

M11Q11

About how much do you weigh without shoes?

NOTE: IF RESPONDENT ANSWERS IN METRICS, PUT "9" IN FRONT (EX. 65 KILOGRAMS IS "9065" OR 105 KILOGRAMS IS "9105").

ROUND FRACTIONS UP

_____   WEIGHT (POUNDS/KILOGRAMS)

7777   DON'T KNOW/NOT SURE
9999   REFUSED

M11Q11V	IF – M11Q11 <> 7777 AND M11Q11 <> 9999 AND ((M11Q11 < 9000 AND (M11Q11 < 80 OR M11Q11 > 350)) OR (M11Q11 > 9000 AND (M11Q11 < 9035 OR M11Q11 > 9159)))

INTERVIEWER YOU INDICATED THE RESPONDENT WEIGHS **{M11Q11}**

IS THIS CORRECT?

1	YES, CORRECT AS IS, CONTINUE			
2	NO, REASK QUESTION	**SKP**	→	**M11Q11**

M11Q12

About how tall are you without shoes?

NOTE: IF RESPONDENT ANSWERS IN METRICS, PUT "9" IN FRONT (EX. 165 CENTIMETERS IS "9165".

ROUND FRACTIONS DOWN

_____ HEIGHT (FT/INCHES/METERS/CENTIMETERS)

7777	DON'T KNOW/NOT SURE
9999	REFUSED

M11Q12V	IF – (M11Q12 < 9000 AND (M11Q12 > 608 OR M11Q12 < 407)) OR (M11Q12 > 9000 AND (M11Q12 > 9206 OR M11Q12 < 9139))

INTERVIEWER YOU INDICATED THE RESPONDENT IS **{M11Q12}**

IS THIS CORRECT?

1	YES, CORRECT AS IS, CONTINUE			
2	NO, REASK QUESTION	**SKP**	→	**M11Q12**

M11Q13

What county do you live in?

ENTER FIRST LETTER OF COUNTY NAME

____ ANSI COUNTY CODE (FORMERLY FIPS COUNTY CODE)

777	DON'T KNOW/NOT SURE
999	REFUSED
001	MIN
775	MAX

CATI NOTE: SET MIN AND MAX BASED ON STATE ZIP RANGE

M11Q14

What is the ZIP Code where you live?

_____   ZIP Code

77777   DON'T KNOW/NOT SURE
99999   REFUSED

M11Q15

Do you have more than one telephone number in your household? Do not include cell phones or numbers that are only used by a computer or fax machine.

1   YES
2   NO   **SKP**   →   **M11Q17**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q17**
9   REFUSED   **SKP**   →   **M11Q17**

M11Q16   IF - M11Q15 = 1

How many of these telephone numbers are residential numbers?

1   ONE
2   TWO
3   THREE
4   FOUR
5   FIVE
6   SIX [6 = 6 OR MORE]

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q17

Do you have a cell phone for personal use? Please include cell phones used for both business and personal use.

1   YES
2   NO   **SKP**   →   **M11Q19**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M11Q19**
9   REFUSED   **SKP**   →   **M11Q19**

M11Q18   IF – M11Q17 = 1

Thinking about all the phone calls that you receive on your landline and cell phone, what percent, between 0 and 100, are received on your cell phone?

___   ENTER PERCENT (1 TO 100)

888   ZERO
777   DON'T KNOW/NOT SURE
999   REFUSED
001   MIN
100   MAX

M11Q19

Have you used the internet in the past 30 days?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q20

Do you own or rent your home?

INTERVIEWER NOTE: "OTHER ARRANGEMENT" MAY INCLUDE GROUP HOME, STAYING WITH FRIENDS OR FAMILY WITHOUT PAYING RENT.

INTERVIEWER NOTE: HOME IS DEFINED AS THE PLACE WHERE YOU LIVE MOST OF THE TIME/THE MAJORITY OF THE YEAR.

1   OWN
2   RENT
3   OTHER ARRANGEMENT

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q21

INDICATE SEX OF RESPONDENT.

ASK ONLY IF NECESSARY.

1   MALE
2   FEMALE

M11Q21V   IF – RESPGEND <> M11Q21

INTERVIEWER: YOU RECORDED THAT THE RESPONDENT WAS **{M11Q21}**.   ARE YOU SURE?

THE RESPONDENT SELECTED WAS THE

{SRESP}

IS THE PREVIOUS ANSWER CORRECT?

1   YES
2   NO   **SKP   →   M11Q21**

M11Q22   IF – M11Q01 < 45 AND M11Q21 = 2

To your knowledge, are you now pregnant?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q23

The following questions are about health problems or impairments you may have.

Are you limited in any way in any activities because of physical, mental, or emotional problems?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q24

Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?

NOTE: INCLUDE OCCASIONAL USE OR USE IN CERTAIN CIRCUMSTANCES.

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q25

Are you blind or do you have serious difficulty seeing, even when wearing glasses?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q26

Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q27

Do you have serious difficulty walking or climbing stairs?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q28

Do you have difficulty dressing or bathing?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M11Q29

Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?

```
1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED
```

M11END

Module 12: Tobacco Use

M12INTRO

M12Q01

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

INTERVIEWER NOTE: 5 PACKS = 100 CIGARETTES

1   YES
2   NO   **SKP**   →   **M12END**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M12END**
9   REFUSED   **SKP**   →   **M12END**

M12Q02   IF – M12Q01 = 1

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

1   Everyday
2   Some days
3   Not at all

7   DON'T KNOW/NOT SURE
9   REFUSED

M12END

Module 13: Alcohol Consumption

M13INTRO

M13Q01

During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?

101-107 = DAYS PER WEEK   201-230 = DAYS IN PAST 30 DAYS

____   DAYS

888	NO DRINKS IN PAST 30 DAYS		**SKP**	→	**M13END**
777	DON'T KNOW/NOT SURE		**SKP**	→	**M13END**
999	REFUSED		**SKP**	→	**M13END**
101	MIN				
230	MAX				

M13Q02   IF - M13Q01 < 777

One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?

NOTE: A 40 OUNCE BEER WOULD COUNT AS 3 DRINKS, OR A COCKTAIL DRINK WITH 2 SHOTS WOULD COUNT AS 2 DRINKS.

___   NUMBER OF DRINKS

77   DON'T KNOW/NOT SURE
99   REFUSED
01   MIN
76   MAX

M13Q02V   IF - M13Q02 > 15 AND M13Q02 < 77

INTERVIEWER YOU INDICATED **{M13Q02}** DRINKS PER DAY

IS THIS CORRECT?

1	YES, CORRECT AS IS, CONTINUE			
2	NO, REASK QUESTION	**SKP**	→	**M13Q02**

M13Q03	IF – M13Q01 < 777

Considering all types of alcoholic beverages, how many times during the past 30 days did you have **{IF M11Q21 = 1, 5, 4}** or more drinks on an occasion?

___ NUMBER OF TIMES

88 NONE
77 DON'T KNOW/NOT SURE
99 REFUSED
01 MIN
76 MAX

M13Q03V	IF – M13Q03 > 15 AND M13Q03 < 77

INTERVIEWER YOU INDICATED **{M13Q03}** OCCASIONS WHEN THE RESPONDENT HAD **{IF M11Q21 = 1, 5, 4}** OR MORE DRINKS.

IS THIS CORRECT?

1 YES, CORRECT AS IS, CONTINUE
2 NO, REASK QUESTION   **SKP   →   M13Q03**

M13Q04	IF – M13Q01 < 777

During the past 30 days, what is the largest number of drinks you had on any occasion?

___ NUMBER OF DRINKS

77 DON'T KNOW/NOT SURE
99 REFUSED
01 MIN
76 MAX

M13Q04V	IF – (M13Q04 <> 99 AND M13Q04 <> 77)AND M13Q04 < 77 AND ((M11Q21 = 1 AND M13Q04 >= 5 AND (M13Q03 = 88 OR M13Q03 < 5)) OR (M11Q21 = 2 AND M13Q04 >= 4 AND (M13Q03 = 88 OR M13Q03 < 4)))

INTERVIEWER YOU INDICATED **{M13Q04}** DRINKS IS THE LARGEST NUMBER OF DRINKS THE RESPONDENT HAD ON ANY OCCASION BUT THE NUMBER OF TIMES THE RESPONDENT HAD **{IF M11Q21=1, 5, 4}** IS **{M13Q03}**.

IS THIS CORRECT?

1 YES, CORRECT AS IS, CONTINUE
2 NO, REASK QUESTION   **SKP   →   M13Q04**

M13END

Module 14: Exercise (Physical Activity)

M14INTRO

M14Q01

The next question is about exercise, recreation, or physical activities other than your regular job duties.

During the past 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?

INTERVIEWER NOTE: IF RESPONDENT DOES NOT HAVE A "REGULAR JOB DUTY" OR IS RETIRED, THEY MAY COUNT THE PHYSICAL ACTIVITY OR EXERCISE THEY SPEND MOST OF THE TIME DOING IN A REGULAR MONTH.

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M14END

Module 15: Food Security/Social Context

M15INTRO

M15Q01   IF – M11Q20 = 1 OR M11Q20 = 2

Now, I am going to ask you about several factors that can affect a person's health.

How often in the past 12 months would you say you were worried or stressed about having enough money to pay your rent or mortgage?

Would you say you were worried or stressed...

PLEASE READ:

1   Always
2   Usually
3   Sometimes
4   Rarely
5   Never

8   NOT APPLICABLE
7   DON'T KNOW/NOT SURE
9   REFUSED

M15Q02

How often in the past 12 months would you say you were worried or stressed about having enough money to buy nutritious meals?

Would you say you were worried or stressed...

PLEASE READ:

1   Always
2   Usually
3   Sometimes
4   Rarely
5   Never

8   NOT APPLICABLE
9   DON'T KNOW/NOT SURE

M15END

Module 16: Neighborhood Perception and Environment

M16INTRO

M16Q01

The following question is about your neighborhood. A neighborhood is
defined as an area within a 20 minute walk or a 5 to 10 minute drive
from your home.

Overall, how would you rate your neighborhood as a place to walk or be
physically active? Would you say...

PLEASE READ:

1   Very pleasant
2   Somewhat pleasant
3   Not very pleasant
4   Not at all pleasant

7   DON'T KNOW/NOT SURE
9   REFUSED

M16END

Module 17: Immunization

M17INTRO

M17Q01

A flu shot is an influenza vaccine injected into your arm. During the past 12 months, have you had a flu shot?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M17Q02

During the past 12 months, have you had a flu vaccine that was sprayed in your nose? The flu vaccine sprayed in the nose is also called FluMist™.

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M17Q03

A pneumonia shot or pneumococcal vaccine is usually given only once or twice in a person's lifetime and is different from the flu shot. Have you ever had a pneumonia shot?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M17END

Module 18: Falls

M18INTRO	IF - M11Q01 >= 45

M18Q01	IF - M11Q01 >= 45

Next, I will ask about recent falls. By a fall, we mean when a person unintentionally comes to rest on the ground or another lower level. In the past 12 months, how many times have you fallen?
__   NUMBER OF TIMES [76 = 76 or more]

88	NONE	**SKP**	→	**M18END**
77	DON'T KNOW/NOT SURE	**SKP**	→	**M18END**
99	REFUSED	**SKP**	→	**M18END**

M18Q02	IF - M11Q01 >= 45 AND M18Q01 < 77

{IF M18Q01 = 1, Did this fall cause an injury?**}**
{IF M18Q01 > 1 AND M18Q01 < 77, How many of these falls caused an injury?**}**
By an injury, we mean the fall caused you to limit your regular activities for at least a day or to go see a doctor.

INTERVIEWER NOTE: IF ONLY ONE FALL FROM M18Q01 AND RESPONSE IS "YES" (CAUSED AN INJURY); CODE 01. IF RESPONSE IS "NO," CODE 88.

__   NUMBER OF FALLS [76 = 76 or more]

88   NONE
77   DON'T KNOW/NOT SURE
99   REFUSED

M18END

Module 19: Breast and Cervical Cancer Screening

CATI NOTE: IF RESPONDENT IS MALE, GO TO THE NEXT SECTION

M19INTRO	IF – M11Q21 = 2

M19Q01	IF – M11Q21 = 2

The next questions are about breast and cervical cancer.

A mammogram is an x-ray of each breast to look for breast cancer.
Have you ever had a mammogram?

1	YES			
2	NO	**SKP**	→	**M19Q03**
7	DON'T KNOW/NOT SURE	**SKP**	→	**M19Q03**
9	REFUSED	**SKP**	→	**M19Q03**

M19Q02	IF – M19Q01 = 1

How long has it been since you had your last mammogram?

READ ONLY IF NECESSARY

1   Within the past year (anytime less than 12
    months ago)
2   Within the past 2 years (1 year but less
    than 2 years ago)
3   Within the past 3 years (2 years but less
    than 3 years ago)
4   Within the past 5 years (3 years but less
    than 5 years ago)
5   5 or more years ago

7   DON'T KNOW/NOT SURE
9   REFUSED

M19Q03   IF – M11Q21 = 2

A Pap test is a test for cancer of the cervix. Have you ever had a
Pap test?

1   YES
2   NO   **SKP**   →   **M19END**

7   DON'T KNOW/NOT SURE   **SKP**   →   **M19END**
9   REFUSED   **SKP**   →   **M19END**

M19Q04   IF – M19Q03 = 1

How long has it been since you had your last Pap test?

READ ONLY IF NECESSARY

1   Within the past year (anytime less than 12
    months ago)
2   Within the past 2 years (1 year but less
    than 2 years ago)
3   Within the past 3 years (2 years but less
    than 3 years ago)
4   Within the past 5 years (3 years but less
    than 5 years ago)
5   5 or more years ago

7   DON'T KNOW/NOT SURE
9   REFUSED

M19END

Module 20: Colorectal Cancer Screening

CATI NOTE: IF RESPONDENT IS ≤ 49 YEARS OF AGE, GO TO NEXT MODULE.

M20INTRO	IF – M11Q01 > 49

M20Q01	IF – M11Q01 > 49

The next questions are about colorectal cancer screening.

A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?

1	YES			
2	NO	**SKP**	→	**M20Q03**
7	DON'T KNOW/NOT SURE	**SKP**	→	**M20Q03**
9	REFUSED	**SKP**	→	**M20Q03**

M20Q02	IF – M20Q01 = 1

How long has it been since you had your last blood stool test using a home kit?

READ ONLY IF NECESSARY:

1 Within the past year (anytime less than 12
   months ago)
2 Within the past 2 years (1 year but less
   than 2 years ago)
3 Within the past 3 years (2 years but less
   than 3 years ago)
4 Within the past 5 years (3 years but less
   than 5 years ago)
5 5 or more years ago

7 DON'T KNOW/NOT SURE
9 REFUSED

M20Q03	IF - M11Q01 > 49

Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you ever had either of these exams?

1	YES			
2	NO	**SKP**	→	**M20END**
7	DON'T KNOW/NOT SURE	**SKP**	→	**M20END**
9	REFUSED	**SKP**	→	**M20END**

M20Q04	IF - M20Q03 = 1

For a **SIGMOIDOSCOPY**, a flexible tube is inserted into the rectum to look for problems. A **COLONOSCOPY** is similar, but uses a longer tube, and you are usually given medication through a needle in your arm to make you sleepy and told to have someone else drive you home after the test. Was your **MOST RECENT** exam a sigmoidoscopy or a colonoscopy?

1   SIGMOIDOSCOPY
2   COLONOSCOPY

7   DON'T KNOW/NOT SURE
9   REFUSED

M20Q05	IF - M20Q03 = 1

How long has it been since you had your last sigmoidoscopy or colonoscopy?

READ ONLY IF NECESSARY

1   Within the past year (anytime less than 12
    months ago)
2   Within the past 2 years (1 year but less
    than 2 years ago)
3   Within the past 3 years (2 years but less
    than 3 years ago)
4   Within the past 5 years (3 years but less
    than 5 years ago)
5   Within the past 10 years (5 years but less
    than 10 years ago)
6   10 or more years ago

7   DON'T KNOW/NOT SURE
9   REFUSED

M20END

Module 21: Participation in Chronic Disease Self-Management

M21INTRO

CATI NOTE: IF M05Q01 OR M07Q01 OR M08Q01 OR M09Q01 = 1 (Yes), continue. Otherwise, go to next module.

M21Q01 IF – M05Q01 = 1 OR M07Q01 = 1 OR M08Q01 = 1 OR M09Q01 = 1

The next question is about chronic illnesses, these are illnesses that last for more than 3 months, for example, asthma, diabetes, arthritis and cardiovascular disease.

You said that a medical professional has told you that you have or have had **{IF M05Q01 = 1,** hypertension**} {IF M07Q01 = 1**, asthma**} {IF M08Q01 = 1**, arthritis**} {IF M09Q01 = 1**, diabetes**}.**

During the last 12 months, have you taken a course or class to teach you about how to manage problems related to **{IF DISEASE COUNT = 1, this chronic illness, these chronic illnesses}**?

INTERVIEWER NOTE: A COURSE OR CLASS IS DEFINED AS 6 WEEKS OR MORE (IN PERSON OR ONLINE)

1 YES
2 NO

7 DON'T KNOW/NOT SURE
9 REFUSED

M21END

Module 22: Sugar Drinks

M22INTRO

M22Q01

Now I would like to ask you some questions about sugary beverages.

During the past 30 days, how often did you drink regular soda or pop that contains sugar? Do not include diet soda or diet pop.

PLEASE READ:

"You can answer times per day, week, or month: for example, twice a day, once a week, and so forth."

101-199 = PER DAY 201-299 = PER WEEK 300-399 = PER MONTH

___   TIMES

888	NONE
777	DON'T KNOW/NOT SURE
999	REFUSED
101	MIN
399	MAX

M22Q01V   IF – (M22Q01 > 105 AND M22Q01 < 200) OR (M22Q01 > 235 AND M22Q01 < 300)

INTERVIEWER: YOU RECORDED THAT THE RESPONDENT DRINKS REGULAR SODA OR POP THAT CONTAINS SUGAR **{M22Q01 SHOWTIME}**

IS THIS CORRECT?

1   YES, CORRECT AS IS, CONTINUE
2   NO, REASK QUESTION   **SKP   →   M22Q01**

M22Q02

During the past 30 days, how often did you drink sugar-sweetened fruit drinks (such as Kool-aid and lemonade), sweet tea, and sports or energy drinks (such as Gatorade and Red Bull)? Do not include 100% fruit juice, diet drinks, or artificially sweetened drinks.

PLEASE READ:

"You can answer times per day, week, or month: for example, twice a day, once a week, and so forth."

101-199 = PER DAY   201-299 = PER WEEK   300-399 = PER MONTH

____   TIMES

888   NONE
777   DON'T KNOW/NOT SURE
999   REFUSED
101   MIN
399   MAX

M22Q02V   IF – (M22Q02 > 105 AND M22Q02 < 200) OR (M22Q02 > 235 AND M22Q02 < 300)

INTERVIEWER: YOU RECORDED THAT THE RESPONDENT DRINKS SUGAR-SWEETENED FRUIT DRINKS **{M22Q02 SHOWTIME}**

IS THIS CORRECT?

1   YES, CORRECT AS IS, CONTINUE
2   NO, REASK QUESTION   **SKP   →   M05Q02**

M22END

Module 23: Fast Food

M23INTRO

M23Q01

In an average week how often do you eat [eat in or take out] a meal
from a fast-food place such as McDonald's, KFC, Taco Bell, or take
out pizza places?

1   Never
2   Less than once per week
3   1-2 times a week
4   3-4 times a week
5   5 or more times a week

7   DON'T KNOW/NOT SURE
9   REFUSED

M23END

Module 24: Perceived Nutrition Environment and Policy

M24INTRO

M24Q01

To what degree would you agree with the statement, "It is easy to
purchase healthy foods in my neighborhood such as whole grain foods,
low fat options, and fruits and vegetables."

Would you…

PLEASE READ:

1   Strongly agree
2   Agree
3   Neither agree nor disagree (neutral)
4   Disagree
5   Strongly disagree

7   DON'T KNOW/NOT SURE
9   REFUSED

M24END

Module 25: Family Planning

CATI NOTE: IF RESPONDENT IS FEMALE AND 45 YEARS OF AGE OR OLDER, OR MALE, GO TO NEXT MODULE.

M25INTRO	IF – M11Q21 = 2 AND M11Q01 < 45

M25Q01	IF – M11Q21 = 2 AND M11Q01 < 45

The next question is about discussions that occurred as part of a routine health care visit. **DO NOT** include visits while pregnant, also called prenatal care visits.

Has a doctor, nurse, or other health care worker ever talked with you about ways to prepare for a healthy pregnancy and baby?

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

CATI NOTE: IF M11Q21 = 1 CODE M25Q02X = 1 AND SKIP M25Q02

M25Q02	IF – M11Q21 = 2 AND M11Q01 < 45 AND M11Q21 > 1

The next set of questions asks you about your thoughts and experiences with family planning. Please remember that all of your answers will be kept confidential.

Have you ever been pregnant?

INTERVIEWER NOTE: IF RESPONDENT IS CURRENTLY PREGNANT, CODE YES.

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M25Q03	IF - M11Q21 = 2 AND M11Q01 < 45

Did you or your husband/partner do anything the **LAST TIME YOU HAD SEX** to keep you from getting pregnant?

PLEASE READ:

1	Yes			
2	No	**SKP**	→	**M25Q05**
3	No partner/not sexually active	**SKP**	→	**M25Q06**
4	Same sex partner	**SKP**	→	**M25Q06**
7	DON'T KNOW/NOT SURE	**SKP**	→	**M25Q06**
9	REFUSED	**SKP**	→	**M25Q06**

M25Q04	IF – M25Q03 = 1

What did you or your husband/partner do the **LAST TIME YOU HAD SEX** to keep you from getting pregnant?

INTERVIEWER NOTE: IF RESPONDENT REPORTS USING **MORE THAN ONE** METHOD, PLEASE CODE THE METHOD THAT OCCURS FIRST ON THE LIST.

INTERVIEWER NOTE: IF RESPONDENT REPORTS USING "CONDOMS," PROBE TO DETERMINE IF "FEMALE CONDOMS" OR "MALE CONDOMS."

INTERVIEWER NOTE: IF RESPONDENT REPORTS USING AN "IUD" PROBE TO DETERMINE IF "LEVONORGESTREL IUD" OR "COPPER-BEARING IUD."

INTERVIEWER NOTE: IF RESPONDENT REPORTS "OTHER METHOD," ASK RESPONDENT TO "PLESE SPECIFY" AND ENSURE THAT THEIR RESPONSE DOES NOT FIT INTO ANOTHER CATEGORY. IF RESPONSE DOES FIT INTO ANOTHER CATEGORY, PLEASE MARK APPROPRIATELY.

READ ONLY IF NECESSARY:

01	Female sterilization (ex. Tubal ligation, Essure, Adiana)	**SKP**	→	**M25Q07**
02	Male sterilization (vasectomy)	**SKP**	→	**M25Q07**
03	Contraceptive implant(ex. Implanon)	**SKP**	→	**M25Q06**
04	Levonorgestrel(LNG) or hormonal IUD(ex. Mirena)	**SKP**	→	**M25Q06**
05	Copper-bearing IUD (ex. ParaGard)	**SKP**	→	**M25Q06**
06	IUD, type unknown	**SKP**	→	**M25Q06**
07	Shots (ex. Depo-Provera)	**SKP**	→	**M25Q06**
08	Birth control pills, any kind	**SKP**	→	**M25Q06**
09	Contraceptive patch (ex. Ortho Evra)	**SKP**	→	**M25Q06**
10	Contraceptive ring (ex. NuvaRing)	**SKP**	→	**M25Q06**
11	Male condoms	**SKP**	→	**M25Q06**
12	Diaphragm, cervical cap, sponge	**SKP**	→	**M25Q06**
13	Female condoms	**SKP**	→	**M25Q06**
14	Not having sex at certain times (rhythm or natural family planning)	**SKP**	→	**M25Q06**
15	Withdrawal (or pulling out)	**SKP**	→	**M25Q06**
16	Foam, jelly, film, or cream	**SKP**	→	**M25Q06**
17	Emergency contraception (morning after pill)	**SKP**	→	**M25Q06**
18	Other method	**SKP**	→	**M25Q06**
77	DON'T KNOW/NOT SURE	**SKP**	→	**M25Q06**
99	REFUSED	**SKP**	→	**M25Q06**

M25Q05	IF - M25Q03 = 2

Some reasons for not doing anything to keep from getting pregnant the **LAST TIME YOU HAD SEX** might include wanting a pregnancy, not being able to pay for birth control, or not thinking that you can get pregnant.

What was your main reason for not doing anything the **LAST TIME YOU HAD SEX** to keep you from getting pregnant?

INTERVIEWER NOTE: IF RESPONDENT REPORTS "OTHER REASON," ASK RESPONDENT TO "PLESE SPECIFY" AND ENSURE THAT THEIR RESPONSE DOES NOT FIT INTO ANOTHER CATEGORY. IF RESPONSE DOES FIT INTO ANOTHER CATEGORY, PLEASE MARK APPROPRIATELY.

READ ONLY IF NECESSARY:

01	You didn't think you were going to have sex/no regular partner			
02	You just didn't think about it/don't care if you get pregnant			
03	You want a pregnancy			
04	You or your partner don't want to use birth control			
05	You or your partner don't like birth control/side effects			
06	You couldn't pay for birth control			
07	You had a problem getting birth control when you needed it			
08	Religious reasons			
09	Lapse in use of a method			
10	Don't think you or your partner can get pregnant (infertile or too old)			
11	You had tubes tied (sterilization)	**SKP**	→	**M25END**
12	You had a hysterectomy	**SKP**	→	**M25END**
13	Your partner had a vasectomy (sterilization)	**SKP**	→	**M25END**
14	You are currently breast-feeding			
15	You just had a baby/postpartum			
16	You are pregnant now	**SKP**	→	**M25Q07**
17	Same sex partner			
18	Other reason			
77	DON'T KNOW/NOT SURE			
99	REFUSED			

M25Q06	IF - M25Q04 > 2 OR NOT(M25Q05 = 11 AND M25Q05 = 12 AND M25Q05 = 13 AND M25Q05 = 16)

How do you feel about having a child now or sometime in the future?
Would you say:

PLEASE READ:

1 You don't want to have one.
2 You do want to have one, less than 12
   months from now
3 You do want to have one, between 12
   months to less than 2 years from now
4 You do want to have one, between 2 years
   to less than 5 years from now
5 You do want to have one, 5 or more years
   from now

7 DON'T KNOW/NOT SURE
9 REFUSED

M25Q07	IF - M11Q21 = 2 AND M11Q01 < 45

How many times a week do you currently take a multivitamin, a prenatal vitamin, or a folic acid vitamin?

1 0 times a week
2 1 to 3 times a week
3 4 to 6 times a week
4 Every day of the week

7 DON'T KNOW/NOT SURE
9 REFUSED

M25END

Module 26: Oral Health

M26INTRO

M26Q01

How long has it been since you last visited a dentist or a dental clinic for any reason?

Include visits to dental specialists, such as orthodontists.

1   Within the past year (anytime less than 12
    months ago)
2   Within the past 2 years (1 year but less
    than 2 years ago)
3   Within the past 5 years (2 years but less
    than 5 years ago)
4   5 or more years ago

7   DON'T KNOW/NOT SURE
8   NEVER
9   REFUSED

M26END

Module 27: Sexual Behavior

M27INTRO

M27Q01

When you go to a doctor's office or clinic for a regular check-up or physical exam, how often does the doctor take a sexual history (ask about your sexual partners and sexual practices)?

1   Every time
2   Almost every time
3   Sometimes
4   Rarely (Hardly Ever)
5   Never
6   N/A Haven't had a regular check-up

7   DON'T KNOW/NOT SURE
9   REFUSED

M27Q02

How many people in your community who are your age do you think have had a Sexually Transmitted Disease (STD)?

INTERVIEWER NOTE: READ 1-4. USE "()" ONLY IF NECESSARY

1   Hardly any (0-1 out of 10)
2   A few (2-3 out of 10)
3   About half (4-6 out of 10)
4   All or almost all (9-10 out of 10)

7   DON'T KNOW/NOT SURE
9   REFUSED

M27Q03

Have you ever been tested for Hepatitis C (HCV)? Do not count tests
you may have had as part of a blood donation.

INTERVIEWER NOTE: HEPATITIS C IS AN INFECTIOUS DISEASE AFFECTING THE
LIVER, CAUSED BY THE HEPATITIS C VIRUS (HCV). IT IS SPREAD BY BLOOD-
TO-BLOOD CONTACT. IT SHOULD NOT BE CONFUSED WITH HEPATITIS A OR
HEPATITIS B BOTH OF WHICH YOU CAN BE VACCINATED FOR.

1   YES
2   NO

7   DON'T KNOW/NOT SURE
9   REFUSED

M27END

Closing Statement

CLOSING

That was my last question. Everyone's answers will be combined to give us information about the health practices of people in this state. Thank you very much for your time and cooperation.

Appendix B: Cell Phone Survey Regional Groupings

Region/County Name	County FIPS	Stratum
Region 1 - Western New York		201
Allegheny	3	157
Cattaraugus	9	155
Chautauqua	13	156
Erie	29	154
Genesee	37	151
Niagra	63	153
Orleans	73	152
Wyoming	121	150
Region 2 - Finger Lakes		202
Chemung	15	136
Livingston	51	149
Monroe	55	148
Ontario	69	146
Schuyler	97	138
Seneca	99	144
Steuben	101	137
Wayne	117	147
Yates	123	145
Region 3 - Central New York		203
Cayuga	11	141
Cortland	23	140
Herkimer	43	107
Jefferson	45	101
Lewis	49	103
Madison	53	139
Oneida	65	112
Onondaga	67	142
Oswego	75	143
St. Lawrence	89	102
Tompkins	109	135
Region 4 - New York-Penn		204
Broome	7	133
Chenango	17	132
Tioga	107	134

Region/County Name	County FIPS	Stratum
Region 5 - Northeastern New York		205
Albany	1	117
Clinton	19	105
Columbia	21	120
Delaware	25	130
Essex	31	106
Franklin	33	104
Fulton	35	109
Greene	39	119
Hamilton	41	108
Montgomery	57	110
Ostego	77	131
Rensselear	83	118
Saratoga	91	115
Schenectady	93	116
Schoharie	95	111
Warren	113	113
Washington	115	114
Region 6 - Hudson Valley		206
Dutchess	27	123
Orange	71	127
Putnam	79	124
Rockland	87	126
Sullivan	105	121
Ulster	111	122
Westchester	119	125
Region 7 - New York City		207
Bronx	5	
Kings (Brooklyn)	47	
New York (Manhattan)	61	158
Queens	81	
Richmond (Staten Island)	85	
Region 8 - Nassau-Suffolk		208
Nassau	59	129
Suffolk	103	128

Appendix C: Landline Quality Report

2013 New York eBRFSS Landline Quality Report: Disposition Report

Category	Disposition	Description	Old Code	Old Code	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
Complete	1100	Complete	110		1,324	5.52%	1,219	5.09%	1,151	4.80%	2,562	4.74%	2,911	5.38%	2,850	5.27%	2,277	5.06%	1,843	5.32%	2,217	4.91%	1,242	4.19%	976	3.56%	2,085	4.40%	22,657	4.89%
	1200	Partial Complete	120		54	0.23%	65	0.27%	52	0.22%	141	0.26%	156	0.29%	162	0.30%	145	0.32%	89	0.26%	109	0.24%	66	0.22%	46	0.17%	114	0.24%	1,199	0.26%
Known Household or Personal Cell Phone, Not Interviewed	2111	Household level refusal (LL only)	270	280	161	0.67%	196	0.82%	188	0.78%	365	0.67%	426	0.79%	378	0.70%	382	0.85%	260	0.75%	369	0.82%	216	0.73%	185	0.67%	303	0.64%	3,429	0.74%
	2112	Known respondent refusal	220		253	1.06%	253	1.06%	250	1.04%	539	1.00%	613	1.13%	585	1.08%	443	0.98%	373	1.08%	470	1.04%	271	0.91%	179	0.65%	394	0.83%	4,623	1.00%
	2120	Break off/termination within the QST	210		136	0.57%	115	0.48%	113	0.47%	232	0.43%	293	0.54%	306	0.57%	240	0.53%	175	0.51%	227	0.50%	128	0.43%	96	0.35%	217	0.46%	2,278	0.49%
	2210	Respondent never available	230	240	268	1.12%	241	1.01%	269	1.12%	469	0.87%	493	0.91%	511	0.94%	404	0.90%	306	0.88%	372	0.82%	226	0.76%	160	0.58%	467	0.99%	4,186	0.90%
	2220	Household answering device (LL only)	335	340	697	2.91%	489	2.04%	627	2.62%	1,364	2.52%	1,429	2.64%	1,836	3.39%	915	2.03%	692	2.00%	888	1.97%	558	1.88%	361	1.32%	648	1.37%	10,504	2.27%
	2320	Respondent physically or mentally unable to complete interview	260		67	0.28%	70	0.29%	59	0.25%	120	0.22%	144	0.27%	131	0.24%	131	0.29%	90	0.26%	98	0.22%	75	0.25%	48	0.17%	117	0.25%	1,150	0.25%
	2330	Language barrier, selected respondent	250		14	0.06%	16	0.07%	9	0.04%	24	0.04%	18	0.03%	17	0.03%	20	0.04%	19	0.05%	32	0.07%	9	0.03%	9	0.03%	15	0.03%	202	0.04%
Unknown Eligibility, Not Completed	3100	Unknown if housing unit	330	332	1,565	6.53%	1,739	7.25%	1,616	6.74%	3,563	6.59%	3,840	7.10%	3,722	6.88%	3,329	7.40%	2,716	7.85%	3,692	8.17%	2,273	7.67%	2,006	7.31%	3,728	7.86%	33,789	7.29%
	3130	No answer	360		622	2.59%	513	2.14%	553	2.31%	1,183	2.19%	1,207	2.23%	1,320	2.44%	1,358	3.02%	1,120	3.24%	1,437	3.18%	1,059	3.57%	861	3.14%	1,494	3.15%	12,727	2.75%
	3140	Answering device, unknown if residence or respondent eligible	345		373	1.56%	384	1.60%	316	1.32%	756	1.40%	796	1.47%	701	1.30%	1,103	2.45%	824	2.38%	995	2.20%	687	2.32%	678	2.47%	1,373	2.90%	8,986	1.94%
	3150	Telecommunication barrier	350		188	0.78%	198	0.83%	180	0.75%	362	0.67%	408	0.75%	424	0.78%	479	1.06%	394	1.14%	512	1.13%	317	1.07%	276	1.01%	526	1.11%	4,264	0.92%
	3200	Household, not known if respondent eligible	310	315	861	3.59%	693	2.89%	905	3.78%	1,890	3.49%	1,971	3.64%	2,323	4.29%	1,393	3.10%	1,108	3.20%	1,411	3.12%	820	2.77%	611	2.23%	1,092	2.30%	15,078	3.25%
	3322	Physical or mental impairment (HH level)	325		52	0.22%	56	0.23%	52	0.22%	99	0.18%	110	0.20%	122	0.23%	97	0.22%	68	0.20%	101	0.22%	63	0.21%	48	0.17%	102	0.22%	970	0.21%
	3330	Language barrier (HH level)	320		43	0.18%	38	0.16%	30	0.13%	62	0.11%	59	0.11%	60	0.11%	63	0.14%	54	0.16%	56	0.12%	45	0.15%	30	0.11%	75	0.16%	615	0.13%
	3700	On never call list	370		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Ineligible	4100	Out of sample	405	305	28	0.12%	39	0.16%	53	0.22%	132	0.24%	99	0.18%	64	0.12%	42	0.09%	30	0.09%	50	0.11%	37	0.12%	19	0.07%	34	0.07%	627	0.14%
	4200	Fax/data/modem	430		402	1.68%	447	1.86%	445	1.86%	955	1.77%	984	1.82%	940	1.74%	822	1.83%	636	1.84%	799	1.77%	529	1.78%	494	1.80%	894	1.89%	8,347	1.80%
	4300	Nonworking number/disconnected	450	355	1,808	7.54%	1,499	6.25%	1,951	8.14%	2,901	5.36%	3,345	6.18%	2,803	5.18%	2,196	4.88%	1,633	4.72%	2,051	4.54%	2,011	6.78%	1,510	5.50%	3,208	6.77%	26,916	5.81%
	4400	Special technological circumstances	365	440	1,127	4.70%	1,259	5.25%	1,314	5.48%	3,393	6.27%	3,336	6.17%	3,004	5.55%	2,002	4.45%	1,425	4.12%	1,900	4.21%	1,123	3.79%	1,233	4.49%	2,335	4.93%	23,451	5.06%
	4430	Call forwarding/pager	N/A		2	0.01%	2	0.01%	2	0.01%	6	0.01%	7	0.01%	10	0.02%	7	0.02%	2	0.01%	2	0.00%	2	0.01%	0	0.00%	0	0.00%	42	0.01%
	4450	Cell phone (LL only)	435		46	0.19%	28	0.12%	50	0.21%	83	0.15%	88	0.16%	86	0.16%	61	0.14%	46	0.13%	61	0.14%	58	0.20%	34	0.12%	61	0.13%	702	0.15%
	4460	Landline (cell phone only)	425		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	509	1.72%	0	0.00%	0	0.00%	509	0.11%
	4470	Cell phone respondent with LL	437		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	12	0.04%	0	0.00%	0	0.00%	12	0.00%
	4500	Non-residence	420		402	1.68%	379	1.58%	446	1.86%	989	1.83%	989	1.83%	839	1.55%	661	1.47%	520	1.50%	763	1.69%	0	0.00%	425	1.55%	740	1.56%	7,153	1.54%
	4510	Group home	420		7	0.03%	8	0.03%	16	0.07%	38	0.07%	38	0.07%	25	0.05%	22	0.05%	18	0.05%	17	0.04%	0	0.00%	14	0.05%	9	0.02%	212	0.05%
	4700	Household, no eligible respondent	410		5	0.02%	6	0.03%	4	0.02%	10	0.02%	11	0.02%	4	0.01%	5	0.01%	1	0.00%	3	0.01%	5	0.02%	4	0.01%	7	0.01%	65	0.01%
	4900	Miscellaneous, non-eligible	N/A		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Precalls				13,465	56.17%	14,018	58.48%	13,319	55.57%	31,852	58.89%	30,319	56.05%	30,867	57.07%	26,403	58.67%	20,178	58.28%	26,548	58.76%	17,299	58.36%	17,147	62.47%	27,362	57.73%	268,777	57.99%
	Total				23,970		23,970		23,970		54,090		54,090		54,090		45,000		34,620		45,180		29,640		27,450		47,400		463,470	

2013 New York eBRFSS Landline Quality Report: Rate Summary Report

Disposition Categories	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
COIN	1,378	5.7%	1,284	5.4%	1,203	5.0%	2,703	5.0%	3,067	5.7%	3,012	5.6%	2,422	5.4%	1,932	5.6%	2,326	5.1%	1,308	4.4%	1,022	3.7%	2,199	4.6%	23,856	5.1%
ELIG	2,974	12.4%	2,664	11.1%	2,718	11.3%	5,816	10.8%	6,483	12.0%	6,776	12.5%	4,957	11.0%	3,847	11.1%	4,782	10.6%	2,791	9.4%	2,060	7.5%	4,360	9.2%	50,228	10.8%
HH	3,835	16.0%	3,357	14.0%	3,623	15.1%	7,706	14.2%	8,454	15.6%	9,099	16.8%	6,350	14.1%	4,955	14.3%	6,193	13.7%	3,611	12.2%	2,671	9.7%	5,452	11.5%	65,306	14.1%
ELIGHH	1,596	6.7%	1,380	5.8%	1,515	6.3%	3,113	5.8%	3,416	6.3%	3,764	7.0%	2,535	5.6%	1,915	5.5%	2,456	5.4%	1,483	5.0%	1,038	3.8%	2,161	4.6%	26,372	5.7%
UNKELIG	3,704	15.5%	3,621	15.1%	3,652	15.2%	7,915	14.6%	8,391	15.5%	8,672	16.0%	7,822	17.4%	6,284	18.2%	8,204	18.2%	5,264	17.8%	4,510	16.4%	8,390	17.7%	76,429	16.5%
TERE	389	1.6%	368	1.5%	363	1.5%	771	1.4%	906	1.7%	891	1.6%	683	1.5%	548	1.6%	697	1.5%	399	1.3%	275	1.0%	611	1.3%	6,901	1.5%
INELIG	3,827	16.0%	3,667	15.3%	4,281	17.9%	8,507	15.7%	8,897	16.4%	7,775	14.4%	5,818	12.9%	4,311	12.5%	5,646	12.5%	4,286	14.5%	3,733	13.6%	7,288	15.4%	68,036	14.7%
Precalls	13,465	56.2%	14,018	58.5%	13,319	55.6%	31,852	58.9%	30,319	56.1%	30,867	57.1%	26,403	58.7%	20,178	58.3%	26,548	58.8%	17,299	58.4%	17,147	62.5%	27,362	57.7%	268,777	58.0%
Total Sample	23,970	100.0%	23,970	100.0%	23,970	100.0%	54,090	100.0%	54,090	100.0%	54,090	100.0%	45,000	100.0%	34,620	100.0%	45,180	100.0%	29,640	100.0%	27,450	100.0%	47,400	100.0%	463,470	100.0%

Outcome Rates	April	May	June	July	August	September	October	November	December	January	February	March	YTD
Eligibility Factor (e)	0.147	0.131	0.134	0.126	0.142	0.149	0.133	0.136	0.129	0.114	0.090	0.112	0.130
Eligible HH/Respondents	3,518	3,138	3,207	6,813	7,673	8,070	6,000	4,700	5,843	3,394	2,465	5,298	60,147
Resolution Rate	84.5%	84.9%	84.8%	85.4%	84.5%	84.0%	82.6%	81.8%	81.8%	82.2%	83.6%	82.3%	83.5%
Cooperation Rate	46.3%	48.2%	44.3%	46.5%	47.3%	44.5%	48.9%	50.2%	48.6%	46.9%	49.6%	50.4%	47.5%
Interview Completion Rate	78.0%	77.7%	76.8%	77.8%	77.2%	77.2%	78.0%	77.9%	76.9%	76.6%	78.8%	78.3%	77.6%
Refusal Rate	11.1%	11.7%	11.3%	11.3%	11.8%	11.0%	11.4%	11.7%	11.9%	11.8%	11.2%	11.5%	11.5%
CASRO Response Rate	39.2%	40.9%	37.5%	39.7%	40.0%	37.3%	40.4%	41.1%	39.8%	38.5%	41.5%	41.5%	39.7%
Overall Response Rate	46.3%	48.2%	44.3%	46.5%	47.3%	44.5%	48.9%	50.2%	48.6%	46.9%	49.6%	50.4%	47.5%
Average Interview Length	17.43	17.27	17.14	17.07	17.53	17.58	17.43	17.28	17.33	17.17	17.08	17.34	17.30

Appendix D: Cell Phone Quality Report

2013 New York eBRFSS Cell Quality Report: Disposition Report

Category	Disposition	Description	Old Code	Old Code	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
Complete	1100	Complete	110		784	5.31%	692	4.68%	681	4.60%	539	3.56%	573	4.54%	584	4.63%	768	5.44%	560	5.07%	722	5.10%	447	4.78%	388	4.57%	539	4.77%	7,277	4.75%
	1200	Partial Complete	120		60	0.41%	62	0.42%	45	0.30%	40	0.26%	44	0.35%	46	0.37%	59	0.42%	58	0.53%	48	0.34%	33	0.35%	34	0.40%	39	0.34%	568	0.37%
Known Household or Personal Cell Phone, Not Interviewed	2111	Household level refusal (LL only)	270	280	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	2112	Known respondent refusal	220		163	1.10%	152	1.03%	138	0.93%	113	0.75%	118	0.93%	127	1.01%	140	0.99%	120	1.09%	129	0.91%	88	0.94%	65	0.77%	89	0.79%	1,442	0.94%
	2120	Break off/termination within the QST	210		105	0.71%	87	0.59%	84	0.57%	96	0.63%	81	0.64%	75	0.60%	81	0.57%	93	0.84%	92	0.65%	77	0.82%	62	0.73%	68	0.60%	1,001	0.65%
	2210	Respondent never available	230	240	41	0.28%	36	0.24%	35	0.24%	22	0.15%	28	0.22%	33	0.26%	26	0.18%	21	0.19%	33	0.23%	15	0.16%	15	0.18%	23	0.20%	328	0.21%
	2220	Household answering device (LL only)	335	340	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	2320	Respondent physically or mentally unable to complete interview	260		2	0.01%	3	0.02%	5	0.03%	2	0.01%	5	0.04%	1	0.01%	5	0.04%	2	0.02%	3	0.02%	6	0.06%	2	0.02%	1	0.01%	37	0.02%
	2330	Language barrier, selected respondent	250		9	0.06%	7	0.05%	5	0.03%	9	0.06%	5	0.04%	12	0.10%	7	0.05%	3	0.03%	2	0.01%	3	0.03%	4	0.05%	5	0.04%	71	0.05%
Unknown Eligibility, Not Completed	3100	Unknown if housing unit	330	332	3,901	26.43%	3,997	27.03%	4,049	27.38%	3,978	26.26%	3,375	26.72%	3,386	26.87%	3,791	26.83%	2,817	25.52%	3,850	27.19%	2,401	25.65%	2,220	26.15%	3,121	27.60%	40,886	26.69%
	3130	No answer	360		244	1.65%	58	0.39%	60	0.41%	106	0.70%	46	0.36%	81	0.64%	103	0.73%	121	1.10%	152	1.07%	97	1.04%	160	1.88%	198	1.75%	1,426	0.93%
	3140	Answering device, unknown if residence or respondent eligible	345		2,741	18.57%	2,563	17.33%	2,352	15.90%	2,369	15.64%	1,946	15.41%	2,077	16.48%	2,396	16.96%	1,878	17.01%	2,531	17.87%	1,761	18.81%	1,590	18.73%	2,051	18.13%	26,255	17.14%
	3150	Telecommunication barrier	350		999	6.77%	280	1.89%	468	3.16%	372	2.46%	395	3.13%	267	2.12%	275	1.95%	326	2.95%	361	2.55%	236	2.52%	186	2.19%	231	2.04%	4,396	2.87%
	3200	Household, not known if respondent eligible	310	315	0	0.00%	2	0.01%	0	0.00%	1	0.01%	2	0.02%	0	0.00%	1	0.01%	1	0.01%	0	0.00%	1	0.01%	3	0.04%	2	0.02%	13	0.01%
	3322	Physical or mental impairment (HH level)	325		24	0.16%	27	0.18%	24	0.16%	31	0.20%	17	0.13%	22	0.17%	21	0.15%	11	0.10%	22	0.16%	18	0.19%	14	0.16%	19	0.17%	250	0.16%
	3330	Language barrier (HH level)	320		61	0.41%	53	0.36%	49	0.33%	63	0.42%	53	0.42%	70	0.56%	71	0.50%	38	0.34%	37	0.26%	41	0.44%	23	0.27%	47	0.42%	606	0.40%
	3700	On never call list	370		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Ineligible	4100	Out of sample	405	305	217	1.47%	263	1.78%	263	1.78%	225	1.49%	264	2.09%	253	2.01%	327	2.31%	231	2.09%	263	1.86%	206	2.20%	184	2.17%	227	2.01%	2,923	1.91%
	4200	Fax/data/modem	430		19	0.13%	14	0.09%	16	0.11%	40	0.26%	8	0.06%	7	0.06%	9	0.06%	5	0.05%	7	0.05%	7	0.07%	6	0.07%	5	0.04%	143	0.09%
	4300	Nonworking number/disconnected	450	355	2,758	18.69%	2,672	18.07%	2,758	18.65%	2,920	19.27%	2,188	17.32%	2,066	16.40%	2,112	14.95%	1,668	15.11%	2,049	14.47%	1,362	14.55%	1,228	14.46%	1,674	14.80%	25,455	16.61%
	4400	Special technological circumstances	365	440	1,261	8.54%	2,552	17.25%	2,482	16.78%	2,486	16.41%	2,484	19.67%	2,498	19.83%	2,845	20.13%	2,189	19.83%	2,760	19.49%	1,848	19.74%	1,698	20.00%	2,183	19.30%	27,286	17.81%
	4430	Call forwarding/pager	N/A		3	0.02%	1	0.01%	1	0.01%	3	0.02%	3	0.02%	6	0.05%	2	0.01%	1	0.01%	0	0.00%	1	0.01%	0	0.00%	0	0.00%	21	0.01%
	4450	Cell phone (LL only)	435		0	0.00%	179	1.21%	184	1.24%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	363	0.24%
	4460	Landline (cell phone only)	425		187	1.27%	575	3.89%	580	3.92%	678	4.48%	110	0.87%	143	1.13%	109	0.77%	66	0.60%	126	0.89%	72	0.77%	62	0.73%	97	0.86%	2,805	1.83%
	4470	Cell phone respondent with LL	437		662	4.49%	308	2.08%	320	2.16%	534	3.52%	478	3.78%	451	3.58%	575	4.07%	461	4.18%	569	4.02%	347	3.71%	291	3.43%	390	3.45%	5,386	3.52%
	4500	Non-residence	420		324	2.20%	6	0.04%	3	0.02%	334	2.20%	248	1.96%	213	1.69%	227	1.61%	221	2.00%	230	1.62%	166	1.77%	139	1.64%	188	1.66%	2,299	1.50%
	4510	Group home	420		7	0.05%	201	1.36%	188	1.27%	8	0.05%	5	0.04%	10	0.08%	3	0.02%	5	0.05%	4	0.03%	0	0.00%	2	0.02%	1	0.01%	434	0.28%
	4700	Household, no eligible respondent	410		188	1.27%	0	0.00%	0	0.00%	181	1.19%	154	1.22%	172	1.37%	177	1.25%	144	1.30%	170	1.20%	128	1.37%	113	1.33%	112	0.99%	1,539	1.00%
	4900	Miscellaneous, non-eligible	N/A		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Precalls				0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Total				14,760		14,790		14,790		15,150		12,630		12,600		14,130		11,040		14,160		9,360		8,490		11,310		153,210	

2013 New York eBRFSS Cell Quality Report: Rate Summary Report

Disposition Categories	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
COIN	844	5.7%	754	5.1%	726	4.9%	579	3.8%	617	4.9%	630	5.0%	827	5.9%	618	5.6%	770	5.4%	480	5.1%	422	5.0%	578	5.1%	7,845	5.1%
ELIG	1,164	7.9%	1,039	7.0%	993	6.7%	821	5.4%	854	6.8%	878	7.0%	1,086	7.7%	857	7.8%	1,029	7.3%	669	7.1%	570	6.7%	764	6.8%	10,724	7.0%
HH	1,826	12.4%	1,616	10.9%	1,573	10.6%	1,356	9.0%	1,334	10.6%	1,329	10.5%	1,662	11.8%	1,319	11.9%	1,598	11.3%	1,017	10.9%	864	10.2%	1,156	10.2%	16,650	10.9%
ELIGHH	320	2.2%	285	1.9%	267	1.8%	242	1.6%	237	1.9%	248	2.0%	259	1.8%	239	2.2%	259	1.8%	189	2.0%	148	1.7%	186	1.6%	2,879	1.9%
UNKELIG	7,970	54.0%	6,980	47.2%	7,002	47.3%	6,920	45.7%	5,834	46.2%	5,903	46.8%	6,658	47.1%	5,192	47.0%	6,953	49.1%	4,555	48.7%	4,196	49.4%	5,669	50.1%	73,832	48.2%
TERE	268	1.8%	239	1.6%	222	1.5%	209	1.4%	199	1.6%	202	1.6%	221	1.6%	213	1.9%	221	1.6%	165	1.8%	127	1.5%	157	1.4%	2,443	1.6%
INELIG	5,626	38.1%	6,771	45.8%	6,795	45.9%	7,409	48.9%	5,942	47.0%	5,819	46.2%	6,386	45.2%	4,991	45.2%	6,178	43.6%	4,136	44.2%	3,724	43.9%	4,877	43.1%	68,654	44.8%
Precalls	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total Sample	14,760	100.0%	14,790	100.0%	14,790	100.0%	15,150	100.0%	12,630	100.0%	12,600	100.0%	14,130	100.0%	11,040	100.0%	14,160	100.0%	9,360	100.0%	8,490	100.0%	11,310	100.0%	153,210	100.0%

Outcome Rates	April	May	June	July	August	September	October	November	December	January	February	March	YTD
Eligibility Factor (e)	0.171	0.133	0.128	0.100	0.126	0.131	0.145	0.147	0.143	0.139	0.133	0.135	0.135
Eligible HH/Respondents	2,530	1,968	1,886	1,511	1,587	1,652	2,054	1,618	2,022	1,303	1,127	1,532	20,699
Resolution Rate	46.0%	52.8%	52.7%	54.3%	53.8%	53.2%	52.9%	53.0%	50.9%	51.3%	50.6%	49.9%	51.8%
Cooperation Rate	72.5%	72.6%	73.1%	70.5%	72.2%	71.8%	76.2%	72.1%	74.8%	71.7%	74.0%	75.7%	73.2%
Interview Completion Rate	75.9%	75.9%	76.6%	73.5%	75.6%	75.7%	78.9%	74.4%	77.7%	74.4%	76.9%	78.6%	76.3%
Refusal Rate	10.6%	12.1%	11.8%	13.8%	12.5%	12.2%	10.8%	13.2%	10.9%	12.7%	11.3%	10.2%	11.8%
CASRO Response Rate	33.4%	38.3%	38.5%	38.3%	38.9%	38.1%	40.3%	38.2%	38.1%	36.8%	37.4%	37.7%	37.9%
Overall Response Rate	72.5%	72.6%	73.1%	70.5%	72.2%	71.8%	76.2%	72.1%	74.8%	71.7%	74.0%	75.7%	73.2%
Average Interview Length	16.82	17.01	16.46	17.05	16.75	17.43	16.88	16.34	16.82	16.81	16.55	17.03	16.83

Appendix E: Combined Landline and Cell Phone Quality Report

2013 New York eBRFSS Combined Quality Report: Disposition Report

Category	Disposition	Description	Old Code	Old Code	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
Complete	1100	Complete	110		2,108	5.44%	1,911	3.47%	1,832	3.25%	3,101	4.86%	3,484	5.22%	3,434	5.51%	3,045	5.15%	2,403	5.26%	2,939	4.95%	1,689	4.33%	1,364	4.16%	2,624	5.87%	29,934	4.80%
	1200	Partial Complete	120		114	0.29%	127	0.23%	97	0.17%	181	0.28%	200	0.30%	208	0.33%	204	0.35%	147	0.32%	157	0.26%	99	0.25%	80	0.24%	153	0.34%	1,767	0.28%
Known Household or Personal Cell Phone, Not Interviewed	2111	Household level refusal (LL only)	270	280	161	0.42%	196	0.36%	188	0.33%	365	0.57%	426	0.64%	378	0.61%	382	0.65%	260	0.57%	369	0.62%	216	0.55%	185	0.56%	303	0.68%	3,429	0.55%
	2112	Known respondent refusal	220		416	1.07%	405	0.74%	388	0.69%	652	1.02%	731	1.10%	712	1.14%	583	0.99%	493	1.08%	599	1.01%	359	0.92%	244	0.74%	483	1.08%	6,065	0.97%
	2120	Break off/termination within the QST	210		241	0.62%	202	0.37%	197	0.35%	328	0.51%	374	0.56%	382	0.61%	321	0.54%	268	0.59%	319	0.54%	205	0.53%	158	0.48%	285	0.64%	3,280	0.53%
	2210	Respondent never available	230	240	309	0.80%	277	0.50%	304	0.54%	491	0.77%	521	0.78%	543	0.87%	430	0.73%	327	0.72%	405	0.68%	241	0.62%	175	0.53%	490	1.10%	4,513	0.72%
	2220	Household answering device (LL only)	335	340	697	1.80%	489	0.89%	627	1.11%	1,364	2.14%	1,429	2.14%	1,836	2.94%	915	1.55%	692	1.52%	888	1.50%	558	1.43%	361	1.10%	648	1.45%	10,504	1.68%
	2320	Respondent physically or mentally unable to complete interview	260		69	0.18%	73	0.13%	64	0.11%	122	0.19%	149	0.22%	132	0.21%	136	0.23%	92	0.20%	101	0.17%	81	0.21%	50	0.15%	118	0.26%	1,187	0.19%
	2330	Language barrier, selected respondent	250		23	0.06%	23	0.04%	14	0.02%	33	0.05%	23	0.03%	29	0.05%	27	0.05%	22	0.05%	34	0.06%	12	0.03%	13	0.04%	20	0.04%	273	0.04%
Unknown Eligibility, Not Completed	3100	Unknown if housing unit	330	332	5,466	14.11%	5,736	10.42%	5,665	10.06%	7,541	11.82%	7,215	10.81%	7,108	11.40%	7,120	12.04%	5,533	12.12%	7,542	12.71%	4,674	11.98%	4,226	12.88%	6,849	15.33%	74,675	11.98%
	3130	No answer	360		866	2.24%	571	1.04%	613	1.09%	1,289	2.02%	1,253	1.88%	1,401	2.25%	1,461	2.47%	1,241	2.72%	1,589	2.68%	1,156	2.96%	1,021	3.11%	1,692	3.79%	14,153	2.27%
	3140	Answering device, unknown if residence or respondent eligible	345		3,114	8.04%	2,947	5.35%	2,668	4.74%	3,125	4.90%	2,742	4.11%	2,778	4.45%	3,499	5.92%	2,702	5.92%	3,526	5.94%	2,448	6.28%	2,268	6.91%	3,424	7.67%	35,241	5.65%
	3150	Telecommunication barrier	350		1,187	3.06%	478	0.87%	648	1.15%	734	1.15%	803	1.20%	691	1.11%	754	1.28%	720	1.58%	873	1.47%	553	1.42%	462	1.41%	757	1.69%	8,660	1.39%
	3200	Household, not known if respondent eligible	310	315	861	2.22%	695	1.26%	905	1.61%	1,891	2.96%	1,973	2.96%	2,323	3.72%	1,394	2.36%	1,109	2.43%	1,411	2.38%	821	2.11%	614	1.87%	1,094	2.45%	15,091	2.42%
	3322	Physical or mental impairment (HH level)	325		76	0.20%	83	0.15%	76	0.13%	130	0.20%	127	0.19%	144	0.23%	118	0.20%	79	0.17%	123	0.21%	81	0.21%	62	0.19%	121	0.27%	1,220	0.20%
	3330	Language barrier (HH level)	320		104	0.27%	91	0.17%	79	0.14%	125	0.20%	112	0.17%	130	0.21%	134	0.23%	92	0.20%	93	0.16%	86	0.22%	53	0.16%	122	0.27%	1,221	0.20%
	3700	On never call list	370		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Ineligible	4100	Out of sample	405	305	245	0.63%	302	0.55%	316	0.56%	357	0.56%	363	0.54%	317	0.51%	369	0.62%	261	0.57%	313	0.53%	243	0.62%	203	0.62%	261	0.58%	3,550	0.57%
	4200	Fax/data/modem	430		421	1.09%	461	0.84%	461	0.82%	995	1.56%	992	1.49%	947	1.52%	831	1.41%	641	1.40%	806	1.36%	536	1.37%	500	1.52%	899	2.01%	8,490	1.36%
	4300	Nonworking number/disconnected	450	355	4,566	11.79%	4,171	7.58%	4,709	8.36%	5,821	9.13%	5,533	8.29%	4,869	7.81%	4,308	7.29%	3,301	7.23%	4,100	6.91%	3,373	8.65%	2,738	8.34%	4,882	10.93%	52,371	8.40%
	4400	Special technological circumstances	365	440	2,388	6.17%	3,811	6.92%	3,796	6.74%	5,879	9.22%	5,820	8.72%	5,502	8.82%	4,847	8.20%	3,614	7.92%	4,660	7.85%	2,971	7.62%	2,931	8.93%	4,518	10.11%	50,737	8.14%
	4430	Call forwarding/pager	N/A		5	0.01%	3	0.01%	3	0.01%	9	0.01%	10	0.01%	16	0.03%	9	0.02%	3	0.01%	2	0.00%	1	0.00%	1	0.00%	0	0.00%	63	0.01%
	4450	Cell phone (LL only)	435		46	0.12%	28	0.05%	50	0.09%	83	0.13%	88	0.13%	86	0.14%	61	0.10%	46	0.10%	61	0.10%	58	0.15%	34	0.10%	61	0.14%	702	0.11%
	4460	Landline (cell phone only)	425		187	0.48%	179	0.33%	184	0.33%	678	1.06%	110	0.16%	143	0.23%	109	0.18%	66	0.14%	126	0.21%	72	0.18%	62	0.19%	97	0.22%	2,013	0.32%
	4470	Cell phone respondent with LL	437		662	1.71%	575	1.04%	580	1.03%	534	0.84%	478	0.72%	451	0.72%	575	0.97%	461	1.01%	569	0.96%	347	0.89%	291	0.89%	390	0.87%	5,913	0.95%
	4500	Non-residence	420		726	1.87%	687	1.25%	766	1.36%	1,323	2.07%	1,237	1.85%	1,052	1.69%	888	1.50%	741	1.62%	993	1.67%	675	1.73%	564	1.72%	928	2.08%	10,580	1.70%
	4510	Group home	420		14	0.04%	14	0.03%	19	0.03%	46	0.07%	43	0.06%	35	0.06%	25	0.04%	23	0.05%	21	0.04%	12	0.03%	16	0.05%	10	0.02%	278	0.04%
	4700	Household, no eligible respondent	410		193	0.50%	207	0.38%	192	0.34%	191	0.30%	165	0.25%	176	0.28%	182	0.31%	145	0.32%	173	0.29%	133	0.34%	117	0.36%	119	0.27%	1,993	0.32%
	4900	Miscellaneous, non-eligible	N/A		0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
	Precalls				13,465	34.77%	30,319	55.06%	30,867	54.82%	26,403	41.39%	30,319	45.44%	26,548	42.56%	26,403	44.65%	20,178	44.19%	26,548	44.74%	17,299	44.36%	14,018	42.72%	13,319	29.82%	275,686	44.21%
	Total				38,730		55,061		56,308		63,791		66,720		62,371		59,130		45,660		59,340		39,000		32,811		44,667		623,589	

2013 New York eBRFSS Combined Quality Report: Rate Summary Report

Disposition Categories	April Freq	%	May Freq	%	June Freq	%	July Freq	%	August Freq	%	September Freq	%	October Freq	%	November Freq	%	December Freq	%	January Freq	%	February Freq	%	March Freq	%	YTD Freq	%
COIN	2,222	5.7%	2,038	5.3%	1,929	5.0%	3,282	4.7%	3,684	5.5%	3,642	5.5%	3,249	5.5%	2,550	5.6%	3,096	5.2%	1,788	4.6%	1,444	4.0%	2,777	4.7%	31,701	5.1%
ELIG	4,138	10.7%	3,703	9.6%	3,711	9.6%	6,637	9.6%	7,337	11.0%	7,654	11.5%	6,043	10.2%	4,704	10.3%	5,811	9.8%	3,460	8.9%	2,630	7.3%	5,124	8.7%	60,952	9.9%
HH	5,661	14.6%	4,973	12.8%	5,196	13.4%	9,062	13.1%	9,788	14.7%	10,428	15.6%	8,012	13.5%	6,274	13.7%	7,791	13.1%	4,628	11.9%	3,535	9.8%	6,608	11.3%	81,956	13.3%
ELIGHH	1,916	4.9%	1,665	4.3%	1,782	4.6%	3,355	4.8%	3,653	5.5%	4,012	6.0%	2,794	4.7%	2,154	4.7%	2,715	4.6%	1,672	4.3%	1,186	3.3%	2,347	4.0%	29,251	4.7%
UNKELIG	11,674	30.1%	10,601	27.4%	10,654	27.5%	14,835	21.4%	14,225	21.3%	14,575	21.9%	14,480	24.5%	11,476	25.1%	15,157	25.5%	9,819	25.2%	8,706	24.2%	14,059	23.9%	150,261	24.4%
TERE	657	1.7%	607	1.6%	585	1.5%	980	1.4%	1,105	1.7%	1,094	1.6%	904	1.5%	761	1.7%	918	1.5%	564	1.4%	402	1.1%	768	1.3%	9,345	1.5%
INELIG	9,453	24.4%	10,438	26.9%	11,076	28.6%	15,916	23.0%	14,839	22.2%	13,594	20.4%	12,204	20.6%	9,302	20.4%	11,824	19.9%	8,422	21.6%	7,457	20.7%	12,165	20.7%	136,690	22.2%
Precalls	13,465	34.8%	14,018	36.2%	13,319	34.4%	31,852	46.0%	30,319	45.4%	30,867	46.3%	26,403	44.7%	20,178	44.2%	26,548	44.7%	17,299	44.4%	17,147	47.7%	27,362	46.6%	268,777	43.6%
Total Sample	38,730	100.0%	38,760	100.0%	38,760	100.0%	69,240	100.0%	66,720	100.0%	66,690	100.0%	59,130	100.0%	45,660	100.0%	59,340	100.0%	39,000	100.0%	35,940	100.0%	58,710	100.0%	616,680	100.0%

Outcome Rates	January	February	March	April	May	June	July	August	September	October	November	December	YTD
Eligibility Factor (e)	0.153	0.132	0.132	0.122	0.140	0.147	0.135	0.138	0.132	0.119	0.097	0.115	0.131
Eligible HH/Respondents	5,923	5,097	5,118	8,447	9,325	9,795	8,003	6,283	7,804	4,624	3,471	6,737	80,588
Resolution Rate	69.9%	72.6%	72.5%	78.6%	78.7%	78.1%	75.5%	74.9%	74.5%	74.8%	75.8%	76.1%	75.6%
Cooperation Rate	53.7%	55.0%	52.0%	49.5%	50.2%	47.6%	53.8%	54.2%	53.3%	51.7%	54.9%	54.2%	52.0%
Interview Completion Rate	77.2%	77.1%	76.7%	77.0%	76.9%	76.9%	78.2%	77.0%	77.1%	76.0%	78.2%	78.3%	77.2%
Refusal Rate	11.1%	11.9%	11.4%	11.6%	11.8%	11.2%	11.3%	12.1%	11.8%	12.2%	11.6%	11.4%	11.6%
CASRO Response Rate	37.5%	40.0%	37.7%	38.9%	39.5%	37.2%	40.6%	40.6%	39.7%	38.7%	41.6%	41.2%	39.3%
Overall Response Rate	53.7%	55.0%	52.0%	49.5%	50.2%	47.6%	53.8%	54.2%	53.3%	51.7%	54.9%	54.2%	52.0%
Average Interview Length	17.13	17.14	16.80	17.06	17.14	17.51	17.24	16.81	17.08	16.99	16.82	17.24	17.08

Appendix F: Raking Margins

Raking Margin M01 : Age × Gender

Value	Label	Count	Proportion
1	M, 18-24	1013620	0.066
2	M, 25-34	1366250	0.089
3	M, 35-44	1246162	0.081
4	M, 45-54	1380230	0.090
5	M, 55-64	1148476	0.075
6	M, 65-74	668834	0.044
7	M, 75+	486537	0.032
8	F, 18-24	984026	0.064
9	F, 25-34	1390836	0.091
10	F, 35-44	1293432	0.084
11	F, 45-54	1460100	0.095
12	F, 55-64	1266403	0.083
13	F, 65-74	812223	0.053
14	F, 75+	789978	0.052
	Total	15307107	1.000

Raking Margin M02 : Race/Ethnicity

Value	Label	Count	Proportion
1	White NH	9134953	0.597
2	Black NH	2168974	0.142
3	Hispanic	2561303	0.167
4	Asian NH	1222942	0.080
5	AIAN NH	42514	0.003
6	Other	176421	0.012
	Total	15307107	1.000

Raking Margin M03 : Education

Value	Label	Count	Proportion
1	Less than HS	2347607	0.153
2	HS grad	4225178	0.276
3	Some college	4124366	0.269
4	College grad	4609957	0.301
	Total	15307107	1.000

Raking Margin M04 : Marital Status

Value	Label	Count	Proportion
1	Married	6855946	0.448
2	Never married, etc.	5094143	0.333
3	Divorced, etc.	3357017	0.219
	Total	15307107	1.000

Raking Margin M05 : Owner/Renter Status

Value	Label	Count	Proportion
1	Owner	8311759	0.543
2	Rent/other	6995348	0.457
	Total	15307107	1.000

Raking Margin M06C : Gender × Race/Ethnicity

Value	Label	Count	Proportion
1	M, White NH	4405337	0.288
2	M, Black NH	975699	0.064
3	M, Hispanic	1248910	0.082
4	M, Other NH	680163	0.044
7	F, White NH	4729616	0.309
8	F, Black NH	1193275	0.078
9	F, Hispanic	1312393	0.086
10	F, Other NH	761714	0.050
	Total	15307107	1.000

Raking Margin M07C : Age × Race/Ethnicity

Value	Label	Count	Proportion
1	18-34, White NH	2457662	0.161
2	18-34, Black NH	733975	0.048
3	18-34, Hispanic	1030595	0.067
4	18-34, Other NH	532500	0.035
7	35-54, White NH	3088896	0.202
8	35-54, Black NH	796220	0.052
9	35-54, Hispanic	956879	0.063
10	35-54, Other NH	537929	0.035
13	55+, White NH	3588395	0.234
14	55+, Black NH	638779	0.042
15	55+, Hispanic	573829	0.037
16	55+, Other NH	371448	0.024
	Total	15307107	1.000

Raking Margin M08 : Telephone Usage Groups

Value	Label	Count	Proportion
1	Landline	12291607	0.803
2	CPO	3015500	0.197
	Total	15307107	1.000

Raking Margin M13 : County

Value	Label	Count	Proportion
1	Albany	246865	0.016
2	Allegany	38202	0.002
4	Broome	159105	0.010
5	Cattaraugus	61255	0.004
6	Cayuga	62872	0.004
7	Chautauqua	105191	0.007
8	Chemung	69317	0.005
9	Chenango	39045	0.003
10	Clinton	66392	0.004
11	Columbia	50337	0.003
12	Cortland	39510	0.003
13	Delaware	38257	0.002
14	Dutchess	234133	0.015
15	Erie	726116	0.047
16	Essex	31810	0.002
17	Franklin	41440	0.003
18	Fulton	43168	0.003
19	Genesee	47212	0.003
20	Greene	39748	0.003
21	Hamilton	4038	0.000
22	Herkimer	50728	0.003
23	Jefferson	90352	0.006
25	Lewis	20743	0.001
26	Livingston	52311	0.003
27	Madison	57355	0.004
28	Monroe	584496	0.038
29	Montgomery	38543	0.003
30	Nassau	1045866	0.068
32	Niagara	170388	0.011
33	Oneida	183670	0.012
34	Onondaga	363158	0.024
35	Ontario	85188	0.006
36	Orange	276129	0.018
37	Orleans	33867	0.002
38	Oswego	94775	0.006
39	Otsego	50888	0.003
40	Putnam	77361	0.005
42	Rensselaer	126755	0.008
44	Rockland	230003	0.015
45	St. Lawrence	88963	0.006
46	Saratoga	173956	0.011
47	Schenectady	120663	0.008
48	Schoharie	25884	0.002
49	Schuyler	14790	0.001
50	Seneca	28074	0.002
51	Steuben	76630	0.005

Raking Margin M13 : County Continued...

52	Suffolk	1153368	0.075
53	Sullivan	60013	0.004
54	Tioga	39119	0.003
55	Tompkins	86528	0.006
56	Ulster	146917	0.010
57	Warren	52673	0.003
58	Washington	50150	0.003
59	Wayne	71815	0.005
60	Westchester	736424	0.048
61	Wyoming	33645	0.002
62	Yates	19395	0.001
63	NYC	6551511	0.428
	Total	15307107	1.000

Raking Margin M14C3 : County × Race/ethnicity

Value	Label	Count	Proportion
1	C01, NHW	196020	0.013
2	C01, Other	50845	0.003
3	C02, All	38202	0.002
7	C04, NHW	140697	0.009
8	C04, Other	18408	0.001
9	C05, All	61255	0.004
11	C06, All	62872	0.004
13	C07, All	105191	0.007
15	C08, All	69317	0.005
17	C09, All	39045	0.003
19	C10, All	66392	0.004
21	C11, All	50337	0.003
23	C12, All	39510	0.003
25	C13, All	38257	0.002
27	C14, NHW	180804	0.012
28	C14, Other	53329	0.003
29	C15, NHW	585540	0.038
30	C15, Other	140576	0.009
31	C16, All	31810	0.002
33	C17, All	41440	0.003
35	C18, All	43168	0.003
37	C19, All	47212	0.003
39	C20, All	39748	0.003
41	C21, All	4038	0.000
43	C22, All	50728	0.003
45	C23, All	90352	0.006
49	C25, All	20743	0.001
51	C26, All	52311	0.003
53	C27, All	57355	0.004
55	C28, NHW	449731	0.029
56	C28, Other	134765	0.009
57	C29, NHW	34061	0.002
58	C29, Other	4482	0.000
59	C30, NHW	712689	0.047
60	C30, Other	333177	0.022
63	C32, NHW	152732	0.010
64	C32, Other	17656	0.001
65	C33, NHW	160831	0.011
66	C33, Other	22839	0.001
67	C34, NHW	300680	0.020
68	C34, Other	62478	0.004
69	C35, All	85188	0.006
71	C36, NHW	197594	0.013
72	C36, Other	78535	0.005
73	C37, All	33867	0.002
75	C38, All	94775	0.006

Raking Margin M14C3 : County × Race/ethnicity Continued...

77	C39, All	50888	0.003
79	C40, NHW	65576	0.004
80	C40, Other	11785	0.001
83	C42, NHW	112004	0.007
84	C42, Other	14751	0.001
87	C44, NHW	151247	0.010
88	C44, Other	78756	0.005
89	C45, All	88963	0.006
91	C46, NHW	163362	0.011
92	C46, Other	10594	0.001
93	C47, NHW	98375	0.006
94	C47, Other	22288	0.001
95	C48, All	25884	0.002
97	C49, All	14790	0.001
99	C50, All	28074	0.002
101	C51, All	76630	0.005
103	C52, NHW	859717	0.056
104	C52, Other	293651	0.019
105	C53, NHW	46563	0.003
106	C53, Other	13450	0.001
107	C54, All	39119	0.003
109	C55, All	86528	0.006
111	C56, All	146917	0.010
113	C57, All	52673	0.003
115	C58, All	50150	0.003
117	C59, All	71815	0.005
119	C60, NHW	442624	0.029
120	C60, Other	293800	0.019
121	C61, All	33645	0.002
123	C62, All	19395	0.001
125	C63, NHW	2351378	0.154
126	C63, Other	4200133	0.274
	Total	15307107	1.000

Raking Margin M15C3 : County × Age Categories

Value	Label	Count	Proportion
1	C01, 18-24	42863	0.003
2	C01, 25-34	40247	0.003
3	C01, 35-44	35104	0.002
4	C01, 45-54	43728	0.003
5	C01, 55-64	40404	0.003
6	C01, 65-74	22939	0.001
7	C01, 75+	21580	0.001
8	C02, 18-34	12445	0.001
10	C02, 35-54	11454	0.001
12	C02, 55-64	6562	0.000
13	C02, 65-74	4192	0.000
14	C02, 75+	3549	0.000
22	C04, 18-24	25181	0.002
23	C04, 25-34	23628	0.002
24	C04, 35-44	20955	0.001
25	C04, 45-54	29017	0.002
26	C04, 55-64	26486	0.002
27	C04, 65-74	16856	0.001
28	C04, 75+	16982	0.001
29	C05, 18-44	25313	0.002
32	C05, 45-54	11703	0.001
33	C05, 55-64	11438	0.001
34	C05, 65-74	6977	0.000
35	C05, 75+	5824	0.000
36	C06, 18-44	26256	0.002
39	C06, 45-54	12629	0.001
40	C06, 55-64	11113	0.001
41	C06, 65-74	6873	0.000
42	C06, 75+	6001	0.000
43	C07, 18-34	29344	0.002
45	C07, 35-44	14735	0.001
46	C07, 45-54	19267	0.001
47	C07, 55-64	18744	0.001
48	C07, 65-74	11968	0.001
49	C07, 75+	11133	0.001
50	C08, 18-34	19022	0.001
52	C08, 35-54	23725	0.002
54	C08, 55-64	12230	0.001
55	C08, 65-74	7418	0.000
56	C08, 75+	6922	0.000
57	C09, 18-44	15043	0.001
60	C09, 45-54	7798	0.001
61	C09, 55-64	7324	0.000
62	C09, 65-74	4988	0.000
63	C09, 75+	3892	0.000
64	C10, 18-34	21072	0.001

Raking Margin M15C3 : County × Age Categories Continued..

66	C10, 35-44	10027	0.001
67	C10, 45-54	13015	0.001
68	C10, 55-64	10621	0.001
69	C10, 65-74	6405	0.000
70	C10, 75+	5252	0.000
71	C11, 18-34	10804	0.001
73	C11, 35-54	17310	0.001
75	C11, 55-64	10007	0.001
76	C11, 65-74	6863	0.000
77	C11, 75+	5353	0.000
78	C12, 18-44	19727	0.001
81	C12, 45-54	6714	0.000
82	C12, 55-64	6102	0.000
83	C12, 65-74	3873	0.000
84	C12, 75+	3094	0.000
85	C13, 18-44	13989	0.001
88	C13, 45-54	7027	0.000
89	C13, 55-64	7342	0.000
90	C13, 65-74	5570	0.000
91	C13, 75+	4329	0.000
92	C14, 18-34	65686	0.004
94	C14, 35-44	36970	0.002
95	C14, 45-54	49233	0.003
96	C14, 55-64	39240	0.003
97	C14, 65-74	23547	0.002
98	C14, 75+	19457	0.001
99	C15, 18-24	97066	0.006
100	C15, 25-34	115513	0.008
101	C15, 35-44	106071	0.007
102	C15, 45-54	136585	0.009
103	C15, 55-64	122937	0.008
104	C15, 65-74	74905	0.005
105	C15, 75+	73039	0.005
106	C16, 18-34	7379	0.000
108	C16, 35-54	10677	0.001
110	C16, 55-64	5992	0.000
111	C16, 65-74	4200	0.000
112	C16, 75+	3562	0.000
113	C17, 18-34	12822	0.001
115	C17, 35-44	6587	0.000
116	C17, 45-54	8197	0.001
117	C17, 55-64	6603	0.000
118	C17, 65-74	4071	0.000
119	C17, 75+	3160	0.000
120	C18, 18-34	10796	0.001
122	C18, 35-44	6737	0.000
123	C18, 45-54	8580	0.001

Raking Margin M15C3 : County × Age Categories Continued..

124	C18, 55-64	7722	0.001
125	C18, 65-74	5024	0.000
126	C18, 75+	4309	0.000
127	C19, 18-34	12452	0.001
129	C19, 35-54	16858	0.001
131	C19, 55-64	8084	0.001
132	C19, 65-74	5172	0.000
133	C19, 75+	4646	0.000
134	C20, 18-44	15519	0.001
137	C20, 45-54	7859	0.001
138	C20, 55-64	7291	0.000
139	C20, 65-74	5235	0.000
140	C20, 75+	3844	0.000
141	C21, 18-44	1104	0.000
144	C21, 45-54	756	0.000
145	C21, 55-64	981	0.000
146	C21, 65-74	713	0.000
147	C21, 75+	484	0.000
148	C22, 18-34	12868	0.001
150	C22, 35-44	7337	0.000
151	C22, 45-54	9700	0.001
152	C22, 55-64	9270	0.001
153	C22, 65-74	6044	0.000
154	C22, 75+	5509	0.000
155	C23, 18-34	35877	0.002
157	C23, 35-44	14066	0.001
158	C23, 45-54	14597	0.001
159	C23, 55-64	12003	0.001
160	C23, 65-74	7647	0.000
161	C23, 75+	6162	0.000
169	C25, 18-44	8534	0.001
172	C25, 45-54	4205	0.000
173	C25, 55-64	3714	0.000
174	C25, 65-74	2287	0.000
175	C25, 75+	2003	0.000
176	C26, 18-44	23745	0.002
179	C26, 45-54	10201	0.001
180	C26, 55-64	8844	0.001
181	C26, 65-74	5160	0.000
182	C26, 75+	4361	0.000
183	C27, 18-44	25060	0.002
186	C27, 45-54	11493	0.001
187	C27, 55-64	9972	0.001
188	C27, 65-74	6137	0.000
189	C27, 75+	4693	0.000
190	C28, 18-24	84537	0.006
191	C28, 25-34	96611	0.006

Raking Margin M15C3 : County × Age Categories Continued..

192	C28, 35-44	88252	0.006
193	C28, 45-54	109485	0.007
194	C28, 55-64	95731	0.006
195	C28, 65-74	57975	0.004
196	C28, 75+	51905	0.003
197	C29, 18-34	10057	0.001
199	C29, 35-54	12998	0.001
201	C29, 55-64	6966	0.000
202	C29, 65-74	4142	0.000
203	C29, 75+	4380	0.000
204	C30, 18-24	118749	0.008
205	C30, 25-34	147944	0.010
206	C30, 35-44	170043	0.011
207	C30, 45-54	214945	0.014
208	C30, 55-64	181051	0.012
209	C30, 65-74	107051	0.007
210	C30, 75+	106083	0.007
218	C32, 18-34	44916	0.003
220	C32, 35-54	59032	0.004
222	C32, 55-64	30833	0.002
223	C32, 65-74	18510	0.001
224	C32, 75+	17097	0.001
225	C33, 18-34	51058	0.003
227	C33, 35-44	27359	0.002
228	C33, 45-54	34870	0.002
229	C33, 55-64	31129	0.002
230	C33, 65-74	19827	0.001
231	C33, 75+	19427	0.001
232	C34, 18-24	51836	0.003
233	C34, 25-34	58599	0.004
234	C34, 35-44	54385	0.004
235	C34, 45-54	69635	0.005
236	C34, 55-64	60388	0.004
237	C34, 65-74	34793	0.002
238	C34, 75+	33522	0.002
239	C35, 18-34	21392	0.001
241	C35, 35-44	12836	0.001
242	C35, 45-54	17116	0.001
243	C35, 55-64	15875	0.001
244	C35, 65-74	10015	0.001
245	C35, 75+	7954	0.001
246	C36, 18-34	80712	0.005
248	C36, 35-44	49148	0.003
249	C36, 45-54	57810	0.004
250	C36, 55-64	44410	0.003
251	C36, 65-74	24954	0.002
252	C36, 75+	19095	0.001

Raking Margin M15C3 : County × Age Categories Continued..

253	C37, 18-44	14449	0.001
256	C37, 45-54	7089	0.000
257	C37, 55-64	5844	0.000
258	C37, 65-74	3616	0.000
259	C37, 75+	2869	0.000
260	C38, 18-34	28608	0.002
262	C38, 35-44	14493	0.001
263	C38, 45-54	19332	0.001
264	C38, 55-64	15904	0.001
265	C38, 65-74	9488	0.001
266	C38, 75+	6950	0.000
267	C39, 18-34	16362	0.001
269	C39, 35-54	14917	0.001
271	C39, 55-64	8731	0.001
272	C39, 65-74	6008	0.000
273	C39, 75+	4870	0.000
274	C40, 18-44	31035	0.002
277	C40, 45-54	18550	0.001
278	C40, 55-64	14109	0.001
279	C40, 65-74	8160	0.001
280	C40, 75+	5507	0.000
288	C42, 18-34	38566	0.003
290	C42, 35-44	19463	0.001
291	C42, 45-54	24066	0.002
292	C42, 55-64	21773	0.001
293	C42, 65-74	12423	0.001
294	C42, 75+	10464	0.001
302	C44, 18-34	65474	0.004
304	C44, 35-44	37144	0.002
305	C44, 45-54	44468	0.003
306	C44, 55-64	37687	0.002
307	C44, 65-74	24414	0.002
308	C44, 75+	20816	0.001
309	C45, 18-34	29836	0.002
311	C45, 35-44	12771	0.001
312	C45, 45-54	15789	0.001
313	C45, 55-64	14270	0.001
314	C45, 65-74	9062	0.001
315	C45, 75+	7235	0.000
316	C46, 18-34	44060	0.003
318	C46, 35-44	30301	0.002
319	C46, 45-54	36295	0.002
320	C46, 55-64	30508	0.002
321	C46, 65-74	18964	0.001
322	C46, 75+	13828	0.001
323	C47, 18-34	34152	0.002
325	C47, 35-44	19164	0.001

Raking Margin M15C3 : County × Age Categories Continued..

326	C47, 45-54	23498	0.002
327	C47, 55-64	20377	0.001
328	C47, 65-74	11644	0.001
329	C47, 75+	11828	0.001
330	C48, 18-34	6774	0.000
332	C48, 35-44	3646	0.000
333	C48, 45-54	4886	0.000
334	C48, 55-64	4951	0.000
335	C48, 65-74	3249	0.000
336	C48, 75+	2378	0.000
337	C49, 18-44	5617	0.000
340	C49, 45-54	2953	0.000
341	C49, 55-64	2902	0.000
342	C49, 65-74	1841	0.000
343	C49, 75+	1477	0.000
344	C50, 18-44	12013	0.001
347	C50, 45-54	5289	0.000
348	C50, 55-64	4969	0.000
349	C50, 65-74	3198	0.000
350	C50, 75+	2605	0.000
351	C51, 18-34	19217	0.001
353	C51, 35-44	11693	0.001
354	C51, 45-54	15111	0.001
355	C51, 55-64	14039	0.001
356	C51, 65-74	9012	0.001
357	C51, 75+	7558	0.000
358	C52, 18-34	303173	0.020
360	C52, 35-44	199828	0.013
361	C52, 45-54	246636	0.016
362	C52, 55-64	186890	0.012
363	C52, 65-74	119718	0.008
364	C52, 75+	97123	0.006
365	C53, 18-44	24433	0.002
368	C53, 45-54	12410	0.001
369	C53, 55-64	11046	0.001
370	C53, 65-74	7341	0.000
371	C53, 75+	4783	0.000
372	C54, 18-44	14965	0.001
375	C54, 45-54	8517	0.001
376	C54, 55-64	7146	0.000
377	C54, 65-74	4648	0.000
378	C54, 75+	3843	0.000
379	C55, 18-34	41553	0.003
381	C55, 35-44	10165	0.001
382	C55, 45-54	11468	0.001
383	C55, 55-64	11547	0.001
384	C55, 65-74	6542	0.000

Raking Margin M15C3 : County × Age Categories Continued..

385	C55, 75+	5253	0.000
386	C56, 18-44	61579	0.004
389	C56, 45-54	29485	0.002
390	C56, 55-64	26471	0.002
391	C56, 65-74	16353	0.001
392	C56, 75+	13029	0.001
393	C57, 18-34	12234	0.001
395	C57, 35-54	18343	0.001
397	C57, 55-64	10027	0.001
398	C57, 65-74	6744	0.000
399	C57, 75+	5325	0.000
400	C58, 18-34	12837	0.001
402	C58, 35-44	8169	0.001
403	C58, 45-54	10007	0.001
404	C58, 55-64	8853	0.001
405	C58, 65-74	5747	0.000
406	C58, 75+	4537	0.000
407	C59, 18-34	17319	0.001
409	C59, 35-54	26845	0.002
411	C59, 55-64	13277	0.001
412	C59, 65-74	8242	0.001
413	C59, 75+	6132	0.000
414	C60, 18-24	81948	0.005
415	C60, 25-34	109612	0.007
416	C60, 35-44	129400	0.008
417	C60, 45-54	148751	0.010
418	C60, 55-64	120711	0.008
419	C60, 65-74	74385	0.005
420	C60, 75+	71617	0.005
421	C61, 18-44	14858	0.001
424	C61, 45-54	6901	0.000
425	C61, 55-64	5803	0.000
426	C61, 65-74	3548	0.000
427	C61, 75+	2535	0.000
428	C62, 18-34	5360	0.000
430	C62, 35-54	5989	0.000
432	C62, 55-64	3633	0.000
433	C62, 65-74	2488	0.000
434	C62, 75+	1925	0.000
435	C63, 18-24	848900	0.055
436	C63, 25-34	1451606	0.095
437	C63, 35-44	1161767	0.076
438	C63, 45-54	1107920	0.072
439	C63, 55-64	936002	0.061
440	C63, 65-74	571891	0.037
441	C63, 75+	473425	0.031
	Total	15307107	1.000

Raking Margin M16 : County × Gender

Value	Label	Count	Proportion
1	C01, M	117698	0.008
2	C01, F	129167	0.008
3	C02, M	19224	0.001
4	C02, F	18978	0.001
7	C04, M	77086	0.005
8	C04, F	82019	0.005
9	C05, M	29976	0.002
10	C05, F	31279	0.002
11	C06, M	32081	0.002
12	C06, F	30791	0.002
13	C07, M	51453	0.003
14	C07, F	53738	0.004
15	C08, M	34237	0.002
16	C08, F	35080	0.002
17	C09, M	19336	0.001
18	C09, F	19709	0.001
19	C10, M	34084	0.002
20	C10, F	32308	0.002
21	C11, M	24937	0.002
22	C11, F	25400	0.002
23	C12, M	19076	0.001
24	C12, F	20434	0.001
25	C13, M	19123	0.001
26	C13, F	19134	0.001
27	C14, M	115589	0.008
28	C14, F	118544	0.008
29	C15, M	345807	0.023
30	C15, F	380309	0.025
31	C16, M	16538	0.001
32	C16, F	15272	0.001
33	C17, M	23170	0.002
34	C17, F	18270	0.001
35	C18, M	21152	0.001
36	C18, F	22016	0.001
37	C19, M	23362	0.002
38	C19, F	23850	0.002
39	C20, M	20868	0.001
40	C20, F	18880	0.001
41	C21, M	2024	0.000
42	C21, F	2014	0.000
43	C22, M	24686	0.002
44	C22, F	26042	0.002
45	C23, M	47098	0.003
46	C23, F	43254	0.003
49	C25, M	10484	0.001
50	C25, F	10259	0.001

Raking Margin M16 : County × Gender Continued...

51	C26, M	26124	0.002
52	C26, F	26187	0.002
53	C27, M	27879	0.002
54	C27, F	29476	0.002
55	C28, M	277767	0.018
56	C28, F	306729	0.020
57	C29, M	18610	0.001
58	C29, F	19933	0.001
59	C30, M	498369	0.033
60	C30, F	547497	0.036
63	C32, M	81724	0.005
64	C32, F	88664	0.006
65	C33, M	90719	0.006
66	C33, F	92951	0.006
67	C34, M	172428	0.011
68	C34, F	190730	0.012
69	C35, M	41154	0.003
70	C35, F	44034	0.003
71	C36, M	136874	0.009
72	C36, F	139255	0.009
73	C37, M	16694	0.001
74	C37, F	17173	0.001
75	C38, M	47000	0.003
76	C38, F	47775	0.003
77	C39, M	24417	0.002
78	C39, F	26471	0.002
79	C40, M	38204	0.002
80	C40, F	39157	0.003
83	C42, M	62060	0.004
84	C42, F	64695	0.004
87	C44, M	110807	0.007
88	C44, F	119196	0.008
89	C45, M	45253	0.003
90	C45, F	43710	0.003
91	C46, M	84847	0.006
92	C46, F	89109	0.006
93	C47, M	57568	0.004
94	C47, F	63095	0.004
95	C48, M	12888	0.001
96	C48, F	12996	0.001
97	C49, M	7360	0.000
98	C49, F	7430	0.000
99	C50, M	14810	0.001
100	C50, F	13264	0.001
101	C51, M	37793	0.002
102	C51, F	38837	0.003
103	C52, M	560671	0.037

Raking Margin M16 : County × Gender Continued...

104	C52, F	592697	0.039
105	C53, M	30652	0.002
106	C53, F	29361	0.002
107	C54, M	19209	0.001
108	C54, F	19910	0.001
109	C55, M	42300	0.003
110	C55, F	44228	0.003
111	C56, M	72593	0.005
112	C56, F	74324	0.005
113	C57, M	25435	0.002
114	C57, F	27238	0.002
115	C58, M	25912	0.002
116	C58, F	24238	0.002
117	C59, M	35489	0.002
118	C59, F	36326	0.002
119	C60, M	348252	0.023
120	C60, F	388172	0.025
121	C61, M	18700	0.001
122	C61, F	14945	0.001
123	C62, M	9255	0.001
124	C62, F	10140	0.001
125	C63, M	3061203	0.200
126	C63, F	3490308	0.228
	Total	15307107	1.000