2017 Health Care Survey of DoD Beneficiaries:

Adult Codebook and User's Guide

May 2017
Quarter I
Survey Fielded: October 2016

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Contents

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TABLE OF VARIABLES

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ALPHABETICAL TABLE OF VARIABLES

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Chapter

1

Introduction

This Codebook and Users' Guide provides a tool for programmers and analysts to assist them in creating cross-tabulations and basic statistical estimates from the Quarter I, 2017 Adult Health Care Survey of DoD Beneficiaries (HCSDB). It is intended to assist users in creating tables and generating analyses above and beyond those associated with this project.

Beginning with 2006, reporting and documentation of the HCSDB are performed on a fiscal year basis. In previous years, reporting and documentation were based on calendar years. Thus, the current codebook describes the Quarter I, 2017 dataset for fiscal year 2017. Throughout, 2017 Quarter I dataset refers to the fiscal year 2017.

This version of the Codebook and User's Guide describes the Quarter I data set. It contains frequency counts of all variables in the first quarter of fiscal year 2017.

This chapter explains how to use this guide, reviews the survey, briefly describes the sample design, and concludes with a list of other documents on the HCSDB data that may be useful for policymakers, administrators, and other users.

HOW TO USE THIS GUIDE

Chapter 2 describes the survey fielding process.

Chapter 3 describes the database conventions and types of variables in the database. Furthermore, it explains the relationship between the raw survey data and the cleaned and constructed variables preferred for data analyses.

Chapter 4 provides table-making instructions in both Statistical Analysis System (SAS) and Statistical Package for the Social Sciences (SPSS) and clearly demonstrates the basic computer programming code necessary to tabulate the data in SAS and the interactive steps involved in generating tables in SPSS (either statistical package may be used). While we assume that most users have some knowledge of computer systems and statistical processing, examples of how to create tables and the resulting output are provided in order to simplify the process of data tabulation. Due to the complexity of the sample design, we suggest that users interested in measuring the precision of their results use a statistical package capable of calculating standard errors for survey estimates, such as SUDAAN™ or SAS/STAT® V8 or higher. Sample programming code is included to estimate standard errors using appropriate methods to accommodate the complex sample design.

The codebook is presented in Chapter 5, where we give the quarterly counts for each variable in the database, including a list of all existing values of the variable, weighted and unweighted frequency counts and percent occurrences for each value, and the values' interpretation or formatting. The codebook helps users assess the availability of certain measures, specify variables of interest, and identify all possible values of a variable. The variables are listed in the order of their position on the data file, and they are grouped by source as follows:

- Sampling variables used to place beneficiaries in the appropriate strata

- Information from the Defense Enrollment Eligibility Reporting System (DEERS) at the time of sampling

- Questionnaire responses: cleaned and recoded

- Variables created during the fielding of the survey

- Coding Scheme flags and missing value counts

- Constructed variables for analysis

- Poststratification variables

- Weights

In addition, users may refer to the Table of Variables, which follows directly after the Table of Contents, for a quick-reference list intended to assist users in locating each variable.

Users interested in learning more about the technical aspects of the database creation, construction of new variables, or Mathematica's report production procedures may refer to "The 2017 Health Care Survey of DoD Beneficiaries: Adult Technical Manual," available in late 2017 from the Defense Health Agency Office.

What is the HCSDB?

The HCSDB is a health care survey of Active Duty military personnel, retirees, and their adult family members. Prior to 2011, it was comprised of an adult and a child survey, both fielded to a representative sample of beneficiaries. In 2011, only the adult survey was fielded to a representative sample of beneficiaries. Prior to 2013, the adult survey was fielded every quarter, whereas the child survey was fielded only in one quarter of each fiscal year. Beginning in FY 2013, the surveys for quarter four were canceled as a result of sequestration. Results from each quarter of the adult survey are presented as a web-based report. The survey is sponsored by the Assistant Secretary of Defense (Health Affairs) [OASD (HA)], under authority of the National Defense Authorization Act for Fiscal Year 1993 (P.L. 102-484). The survey collects data on beneficiaries' satisfaction with, and access to, health care; knowledge of the TRICARE system; and use of preventive and other health care services.

Fielded annually from 1994 to 2000, the HCSDB now is fielded quarterly (with a change to 3 quarters starting in 2013 as noted above) and consists of a fixed core questionnaire complemented by quarterly supplements intended to address topics of emerging interest. Users should note that, prior to 2000, the title of the HCSDB corresponded to the reference year that respondents were asked to think about when responding to questions. For example, although the 2000 HCSDB was fielded in 2001, beneficiaries responded to questions according to the reference period 12 months prior. Under the current naming convention the survey title refers to the year the questionnaires are fielded, so, for example, this year's survey is the 2017 HSCDB. Users should further note that, due to this change, there is no survey with the title "2001" survey, even though the questionnaire has been administered continuously throughout each quarter of 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, and 2012, as well as 3 quarters of 2013, 2014, 2015, and 2016. The annotated questionnaire for this quarter, including the percent of responses for each variable value by all respondents to each question, appears in Appendix A. A crosswalk between the 2017 questions and the questions from the 2009, 2010, 2011, 2012, 2013, 2014, 2015, and 2016 surveys appears as Appendix C.

CAHPS Questions

To make responses comparable to civilian surveys, the HCSDB core questions are similar in content and format to questions used in the Consumer Assessment of Healthcare Providers and Systems

(CAHPS) Health Plan Survey. CAHPS is a survey program sponsored by the Agency for Health Care Research and Quality (AHRQ), U.S. Department of Health and Human Service, and the Picker Institute, which is designed to monitor beneficiaries' satisfaction with their civilian health care plan and access to health care services. In 2017, the questionnaire was based on CAHPS version 5.

Core questions are described below.

Core questions

- **Health Plan.** This section collects data on TRICARE Prime enrollment and the use of supplemental insurance and/or other private insurance. Respondents are also asked about their Medicare coverage.

- **Your Health Care in the Last 12 Months.** This section collects information on where DoD beneficiaries received the majority of their care in the past 12 months, that is, from a military or civilian facility. It covers topics such as the availability of providers and their staff for both urgent and regular care. Respondents are asked to rate their health care on a scale from 0 to 10, where 0 is the lowest rating and 10 is the highest rating. They are also asked if the health care providers informed them of the available treatment options.

- **Your Personal Doctor.** In this section, respondents are asked about their relationship with their personal doctor. They are asked to rate their personal doctor on a scale from 0 to 10, where 0 is the lowest rating and 10 is the highest rating. It also covers topics like the ability of the personal doctor to listen carefully and respectfully, clearly explain things, and be informed about care received from another doctor.

- **Getting Health Care from a Specialist.** This section collects information about respondents' access to care from specialists. Respondents rate the specialist that they see most frequently on a scale from 0 to 10, where 0 is the lowest rating and 10 is the highest rating.

- **Your Health Plan.** This section is designed to measure beneficiaries' satisfaction with their primary health plan. Respondents are asked to rate their health plan on a scale of 0 to 10 where 0 is the lowest rating and 10 is the highest rating. Additionally, respondents are asked questions about any problems they may have encountered with getting necessary care, claims processing, customer service, processing paperwork, and finding necessary information in written materials or from the Internet.

- **Preventive Care.** This section collects information on the use of preventive health care services, including blood pressure readings and flu shots. All women are asked about Pap smears; women that are or have been pregnant within the past 12 months are questioned about prenatal care. Women age 40 and over are asked about mammography. All respondents are asked whether they smoke or use tobacco products. Tobacco users are asked to identify the type of tobacco products they used and how often they received cessation counseling from a health care professional.

- **About You.** This section asks basic background and health status questions. Beneficiaries are asked how they view their general health. They are further asked to report their height, weight, education level, race, and age.

Quarter I Supplements

- **Urgent Health Care.** Questions in this supplement concern urgent health care that was received in the past 6 months. Respondents are asked whether they needed health care urgently, where they received their urgent care, and if they chose an urgent care center, the reason for it.

Respondents who used an urgent care center were also asked a series of questions about their reasons for choosing the urgent care center, their rating of the urgent care center, and whether or not they also visited an emergency room for care.

- **Personal Doctor.** Questions in this supplement ask about the respondent's personal doctor. Respondents are asked whether they had the same personal doctor prior to joining their current health plan and whether they were happy with their personal doctor once they joined the health plan, the availability of their doctor, and their satisfaction with their health care on their last visit.

- **Mental or Emotional Health.** Questions in this supplement concern overall mental or emotional health. Respondents are asked to rate their mental or emotional health. They are also asked questions about any mental or emotional health treatment or counseling they may have received.

Sample Design Overview

The sample of beneficiaries for the HCSDB was drawn from an extract file of the DEERS database of military health system (MHS) beneficiaries with a specific reference date. The DEERS extract file includes all eligible MHS beneficiaries as follows:

- Everyone in the Uniformed Services and on Active Duty (Army, Air Force, Navy, Marine Corps, Coast Guard, the Commissioned Corps of the Public Health Service, National Oceanic and Atmospheric Administration, Guard/Reserve personnel who are activated for a period in excess of 30 days), and other special categories of people who qualify for benefits

- Those who retired from military careers

- Immediate family members of people in the previous two categories

- Surviving family members of people from the first two categories.

A stratified sample design was used to select DoD health care beneficiaries for the Quarter I, 2017 Adult HCSDB. Specific information on the sample design appears in "Health Care Survey of DoD Beneficiaries: FY 2017 Adult Sampling Report", Mathematica Policy Research, Washington, D.C.

From a sample of 100,000 beneficiaries, 9,120 adult MHS beneficiaries completed and returned a 2017 Adult HCSDB questionnaire for the first quarter, yielding a response rate of 9.2 percent. Information on developing response rates will be found in the "2017 Health Care Survey of DoD Beneficiaries: Adult Technical Manual".

Other Documents on the 2017 HCSDB

This document is intended for programmers and analysts using the Quarter I, 2017 Adult HCSDB data. The following is a list of other documents that may be requested from the Defense Health Agency Office:

- 2017 Health Care Survey of DoD Beneficiaries: Adult Technical Manual (Available late 2017)

- 2017 Health Care Survey of DoD Beneficiaries: TRICARE Annual Report (Available late 2017)

Chapter

2

Survey of Adults

This chapter presents information on the survey administration cycle for the Quarter I, 2017 Adult Health Care Survey of DoD Beneficiaries (HCSDB), with specific details on the survey mailing cycle and the number of surveys returned.

A.   SURVEY OPERATIONS ACTIVITIES

The Health Care Survey of DoD Beneficiaries (HCSDB) converted from a mail survey with Internet option in previous years to an all-Internet survey in FY2014. Beginning in Quarter III of FY2015, a sub-sample of beneficiaries – excluding Active Duty, Guard/Reserve, and some Inactive Guard/Reserve with e-mail addresses – received a paper questionnaire along with the reminder letter in addition to the mail version of the pre-notification letter. In Quarter I, 2017, the sub-sample receiving the paper questionnaire consisted of 37,985 beneficiaries who had not yet responded to the survey halfway through the 15 week field period.

Operational support for the Quarter I, 2017 HCSDB involved two mailings to all beneficiaries on October 12, 2016 and December 5, 2016 and nine emailings to Active Duty members from October 21, 2016 to January 10, 2017.

The mailings include:

1.   Invitation letter with instructions on how to access the Internet survey.
2.   Reminder letter with instructions on how to access the internet survey.
3.   A paper questionnaire.

Both the Invitation Letter and the Reminder Letter include instructions on how to do the survey via the Internet and provide the respondent with their internet password. The Reminder Letter encourages the beneficiary to complete the survey if they have not yet done so. Furthermore, Mathematica emailed the Active Duty members nine times over the course of the Quarter I survey period. Each email included the service members' password for the survey.

B.   SAMPLE

A change in the sample file to increase response rate was initiated in Quarter I, 2014. Up to Quarter I, 2009, the Adult HCSDB was conducted quarterly on a sample of 50,000 beneficiaries, and starting in Quarter II, 2009, the sample size was increased to 51,000. In Quarter I, 2014 the sample size was again increased, this time to approximately 100,000 records.

The Quarter I, 2017 sample contained 100,000 records. This quarter the HCSDB invitation letter was mailed/emailed out to 99,545 respondents. The remaining 455 records did not include either the respondents' names or addresses (or in the case of Active Duty, the email or mailing address) and so were not able to be mailed/emailed.

C.   SURVEY PROCESSING

Ipsos applies a Bar Code, Control Number (MIQ) and Password to each beneficiary upon receipt of the sample. This system ensures that all data collected is aggregated and available throughout the survey lifecycle. Each of the identifying labels is detailed below:

Barcode
Digit 1 - Quarter Marker (1-4)
Digit 2 - Wave Marker (1-4)
Digit 3 - Study Marker (1=sample, 2=supplemental, 3=child)
Digits 4-8 - Sequential ID#

Control Number (MIQ) - 10-digit unique identifier
Digits 1-9 – Sequential ID #
Digit 10 – Check Digit

Password
Non-sequential 7-digit password (for online response access) – To ensure that the password is unique across all samples and across all DoD studies, the first digit is assigned to a specific quarter and study.

D.   ADDRESSES

The HCSDB is designed so that beneficiaries may receive up to three mailings. Ipsos may collect up to seven addresses for each beneficiary in order to maximize the receipt rate for mailing. Addresses from Center for Health Care Strategies, Inc (CHCS) were used starting in Quarter I, 2008.

The first available address in the following order was used for each mailing.

Respondent Updated
United States Postal Service (USPS) Updated
National Change of Address (NCOA)
CHCS
Residential
Sponsor
Unit

The origin of the addresses is as follows:

▪   NCOA Address

Upon receipt of the initial sample and prior to the Pre-Notification mailing, Ipsos selects the best available address for each beneficiary and sends it to an NCOA vendor for updating and hygiene services. The updated address returned by the vendor is marked as the NCOA address. The definition of "best address" changed in Quarter I, 2009. Ipsos compared the date on the Residential address to the date on the CHCS address. The address that had the more current date was sent off for NCOA processing. If the dates were the same or if one/both were missing dates, then the hierarchy of CHCS then Residential would prevail.

▪   Respondent Updates

Respondents were able to report address and status changes via regular mail, telephone, fax, and email. Address changes submitted by respondent were considered priority over any other address type.

▪ Address Correction via USPS

The USPS provided address corrections on returned mail if available.

▪ Sample Refreshes

Another change made in Quarter I, 2009 was the use of the sample refreshes sent by Altarum for the first and second questionnaire mailings. Prior to Quarter I, 2009, Ipsos used information on recently deceased beneficiaries, information regarding beneficiaries who were no longer in the TRICARE program (nomatch), and any updated addresses for the subsequent mailings. Starting in Quarter I, 2009, Ipsos only used the deceased and nomatch information, and did not use any refreshed addresses in order to maintain the integrity of the NCOA address. Starting in Quarter IV, 2011, the only Active Duty respondents who were mailed surveys were those who did not have a valid/known email address.

Table 2.1 gives the address breakdown for each mailing by beneficiary category.

Table 2.1
Frequency of Address by Beneficiary Category – Total Sample – Quarter I, 2017

Note: The survey invitation letters were mailed to all Beneficiaries.

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
SURVEY INVITATION LETTER	**22677**	**36162**	**3505**	**5539**	**1281**	**1580**	**13025**	**14049**	**1412**	**315**	**99545**
NCOA Updated CHCS	546 0.55%	643 0.65%	47 0.05%	27 0.03%	10 0.01%	4 0.00%	89 0.09%	97 0.10%	10 0.01%	2 0.00%	1475 1.48%
Original CHCS	9901 9.95%	9337 9.38%	822 0.83%	441 0.44%	55 0.06%	15 0.02%	3290 3.31%	3146 3.16%	189 0.19%	49 0.05%	27245 27.37%
NCOA Updated Residence	780 0.78%	2988 3.00%	147 0.15%	412 0.41%	95 0.10%	132 0.13%	365 0.37%	536 0.54%	80 0.08%	37 0.04%	5572 5.60%
Original Residence	11269 11.32%	23121 23.23%	2374 2.38%	4644 4.67%	1117 1.12%	1426 1.43%	9281 9.32%	10228 10.27%	1125 1.13%	223 0.22%	64808 65.10%
NCOA Updated Sponsor	0 0.00%	1 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%	1 0.00%
Original Sponsor	0 0.00%	72 0.07%	0 0.00%	15 0.02%	0 0.00%	3 0.00%	0 0.00%	42 0.04%	8 0.01%	2 0.00%	142 0.14%
Original Unit	181 0.18%	0 0.00%	115 0.12%	0 0.00%	4 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	2 0.00%	302 0.30%

Table 2.1 (continued)

Note: The survey invitation reminder letters were mailed to all Beneficiaries.

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
REMINDER LETTER	20399	35009	3178	5370	1214	1546	11779	13371	1334	278	93478
Respondent/USPS Update	334 0.36%	738 0.79%	45 0.05%	79 0.08%	14 0.01%	23 0.02%	82 0.09%	83 0.09%	9 0.01%	0 0.00%	1407 1.51%
NCOA Updated CHCS	481 0.51%	604 0.65%	43 0.05%	24 0.03%	10 0.01%	2 0.00%	81 0.09%	95 0.10%	9 0.01%	2 0.00%	1351 1.45%
Altarum Updated CHCS	472 0.50%	423 0.45%	35 0.04%	37 0.04%	19 0.02%	10 0.01%	83 0.09%	111 0.12%	12 0.01%	4 0.00%	1206 1.29%
Original CHCS	8164 8.73%	8651 9.25%	705 0.75%	395 0.42%	47 0.05%	14 0.01%	2887 3.09%	2920 3.12%	177 0.19%	41 0.04%	24001 25.68%
NCOA Updated Residence	702 0.75%	2826 3.02%	136 0.15%	395 0.42%	86 0.09%	128 0.14%	330 0.35%	510 0.55%	74 0.08%	30 0.03%	5217 5.58%
Altarum Updated Residence	307 0.33%	228 0.24%	26 0.03%	29 0.03%	6 0.01%	9 0.01%	55 0.06%	111 0.12%	19 0.02%	6 0.01%	796 0.85%
Original Residence	9232 9.88%	21063 22.53%	2034 2.18%	4333 4.64%	1019 1.09%	1342 1.44%	8261 8.84%	9337 9.99%	1004 1.07%	188 0.20%	57813 61.85%
NCOA Updated Sponsor	0 0.00%	1 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%	1 0.00%
Altarum Updated Sponsor	2 0.00%	420 0.45%	1 0.00%	67 0.07%	0 0.00%	15 0.02%	0 0.00%	166 0.18%	23 0.02%	4 0.00%	698 0.75%
Original Sponsor	0 0.00%	55 0.06%	0 0.00%	11 0.01%	0 0.00%	3 0.00%	0 0.00%	38 0.04%	7 0.01%	1 0.00%	115 0.12%
Altarum Updated Unit	582 0.62%	0 0.00%	86 0.09%	0 0.00%	11 0.01%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	680 0.73%
Original Unit	123 0.13%	0 0.00%	67 0.07%	0 0.00%	2 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	193 0.21%

E. SURVEY ADMINISTRATION TIMELINE

Quarter I

Event	Date
File Receipt	23 September
NCOA Update	28 September
Invitation letter	12 October
Email 1 reminder to AD	21 October
Altarum-DEERS Update	14 November
Email 2 reminder to AD	1 November
Email 3 reminder to AD	9 November
Email 4 reminder to AD	16 November
Reminder letter	5 December
Email 5 reminder to AD	29 November
Email 6 reminder to AD	7 December
Email 7 reminder to AD	20 December
Email 8 reminder to AD	3 January
Email 9 reminder to AD	10 January
Close of Field	31 January
File to MPR	14 February

F. DISPOSITION CODES

Ipsos assigns disposition codes to each sample member as the information is received and questionnaire is returned. These codes are outlined below.

- FLAG_FIN=1
  Returned survey – survey was completed and returned.

- FLAG_FIN=2
  Returned ineligible – survey was returned with at least one question marked and information that the beneficiary was ineligible. The information indicating ineligibility may have come by mail, phone, fax, or the survey itself.

- FLAG_FIN=3
  Returned blank – temporarily ill or incapacitated. Survey was returned blank along with information that the beneficiary was temporarily ill or incapacitated. These sample members were eligible.

- FLAG_FIN=4
  Returned blank – deceased. Survey was returned blank along with information that the beneficiary was deceased. These sample members were ineligible.

- FLAG_FIN=5
  Returned blank – incarcerated or permanently incapacitated. Survey was returned blank along with information that the beneficiary was incarcerated or permanently hospitalized. These sample members were ineligible.

- FLAG_FIN=6
  Returned blank – left military or divorced after date of initial sample pull, or retired. Survey was returned blank along with information that the beneficiary left the military after initial sample pull, divorced after initial sample pull, or retired. These sample members were eligible.

- FLAG_FIN=7
  Returned blank – not eligible on date of initial sample pull. Survey was returned blank along with information that the beneficiary was not eligible for Military Health System Plan on initial sample pull. These sample members were ineligible.

- FLAG_FIN=8
  Returned blank – other eligible. Survey was returned blank along with a reason given by the sample member. These sample members were eligible.

- FLAG_FIN=9
  Returned blank – no reason. Survey was returned blank without an explanation. These sample members were eligible.

- FLAG_FIN=10
  No return – temporarily ill or incapacitated. Survey was not returned and beneficiary was temporarily ill or incapacitated. These sample members were eligible.

- FLAG_FIN=11
  No return – active refuser. Survey was not returned and beneficiary refused to take part in the survey. These sample members were eligible.

- FLAG_FIN=12
  No return – deceased. Survey was not returned and beneficiary deceased. These sample members were ineligible.

- FLAG_FIN=13
  No return – incarcerated or permanently incapacitated. Survey was not returned, beneficiary was incarcerated or permanently hospitalized. These sample members were ineligible.

- FLAG_FIN=14
  No return – left military or divorced after date of initial sample pull, or retired. Survey was not returned, beneficiary left service after initial sample pull, divorced after initial sample pull, or retired. These sample members were eligible.

- FLAG_FIN=15
  No return – not eligible on date of initial sample pull. Survey was not returned, and beneficiary was not eligible for Military Health System Plan on initial sample pull. These sample members were ineligible.

  Example: Beneficiary turned 21 and is no longer covered under parents' plan.

- FLAG_FIN=16
  No return – other eligible. Survey was not returned, beneficiary gave other reason for not completing the survey. These sample members were eligible.

  Examples: Beneficiary claims they have not used benefits in past 12 months.
  Beneficiary is away at college, on a religious mission, or lives overseas.
  Received information that beneficiary chosen for survey does not speak English well enough to participate.

- FLAG_FIN=17
  No return – no reason. Survey was not returned, and beneficiary gave no reason. These sample members had unknown eligibility.

- FLAG_FIN=18
  Postal Non Deliverable (PND) – no address remaining. All addresses were attempted, mailing was returned PND. These sample members had unknown eligibility.

- FLAG_FIN=19
  PND – address remaining at the close of field. At the close of field, the last address used was found invalid, next available was not attempted. These sample members had unknown eligibility.

- FLAG_FIN=20
  Original Non-Locatable – no address at start of mailing. Substantially incomplete or blank address field before the survey was administered, and no mailings attempted. These sample members had unknown eligibility.

- FLAG_FIN=21
  Beneficiary provides written documentation declining to participate but doesn't specify a reason. These sample members were eligible.

- FLAG_FIN=22
  Beneficiary indicates they are hospitalized but without providing any way to determine whether incapacity is temporary or permanent. Therefore, eligibility determination can not be made. These sample members had unknown eligibility.

- FLAG_FIN=23
  Returned blank – deployed. Survey was returned blank along with information that the beneficiary was deployed. These sample members were eligible.

- FLAG_FIN=24
  No return – deployed. Survey was not returned, and beneficiary was deployed. These sample members were eligible.

- FLAG_FIN=25
  Deceased. Beneficiary coded as deceased due to refresh sample sent by Altarum. These sample members were ineligible.

- FLAG_FIN=26
  No match. Not eligible indicated by Altarum-DEERS update. Beneficiary coded as no longer having TRICARE coverage due to sample refresh.

Table 2.2 shows frequencies of these disposition codes by beneficiary category.

Table 2.2

Frequency of Disposition by Beneficiary Category – Total Sample – Quarter I, 2017

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
RETURNED	**2900**	**1660**	**471**	**233**	**94**	**51**	**2390**	**1568**	**145**	**12**	**9524**
Completed (1)	2900 2.90%	1660 1.66%	471 0.47%	233 0.23%	94 0.09%	51 0.05%	2390 2.39%	1568 1.57%	145 0.14%	12 0.01%	9524 9.52%
Ineligible (2)	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%
Temporarily Ill or Incapacitated (3)	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%
Deceased (4)	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%
Incarcerated or Permanently Incapacitated (5)	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%
Left Military or divorced after initial sample pull, retired (6)	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%
Not Eligible after initial sample pull (7)	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%
Other Eligible (8)	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%
No Reason (9)	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%
NO RETURN	**16985**	**32830**	**2725**	**5093**	**1123**	**1475**	**10331**	**11900**	**1141**	**243**	**83846**
Temporarily Ill or Incapacitated (10)	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%
Active Refusal (11)	11 0.01%	3 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	7 0.01%	6 0.01%	0 0.00%	0 0.00%	27 0.03%

2.2 (continued)

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
Deceased (12)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	0 0.00%	3 0.00%	0 0.00%	4 0.00%
Incarcerated or Permanently Incapacitated (13)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	2 0.00%	1 0.00%	0 0.00%	4 0.00%
Left Military or divorced after survey start, retired (14)	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%
Not Eligible as of survey start (15)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	2 0.00%	2 0.00%	1 0.00%	1 0.00%	6 0.01%
Other Eligible (16)	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.01%	0 0.00%	0 0.00%	0 0.00%	2 0.00%
No Reason (17)	15711 15.77%	33493 33.63%	1948 1.96%	4757 4.78%	705 0.71%	1218 1.22%	11369 11.41%	13245 13.30%	1128 1.13%	281 0.28%	83855 84.19%
PND	**2493**	**830**	**289**	**67**	**24**	**17**	**273**	**400**	**100**	**38**	**4531**
No Address Remaining (18)	1167 1.17%	590 0.59%	152 0.15%	54 0.05%	12 0.01%	11 0.01%	201 0.20%	165 0.17%	73 0.07%	13 0.01%	2438 2.45%
Address Remains at Close of Field (19)	1200 1.20%	223 0.22%	81 0.08%	11 0.01%	12 0.01%	5 0.01%	65 0.07%	233 0.23%	25 0.03%	8 0.01%	1863 1.87%
No Address at Start of Mailing (20)	126 0.13%	17 0.02%	56 0.06%	2 0.00%	0 0.00%	1 0.00%	7 0.01%	2 0.00%	2 0.00%	17 0.02%	230 0.23%
MISCELLANEOUS	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
Written Refusal without Reason (21)	1 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%	1 0.00%
Ill or Incapacitated – Unsure whether Temporary or Permanent (22)	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%

2.2 (continued)

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
DEPLOYED	0	0	1	0	0	0	0	0	0	0	1
Returned Blank (23)	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%
No Return (24)	0 0.00%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%
SAMPLE REFRESH	103	142	18	15	6	1	14	11	3	53	366
Deceased Indicated by Altarum-DEERS Update (25)	1 0.00%	2 0.00%	0 0.00%	2 0.00%	0 0.00%	0 0.00%	7 0.01%	8 0.01%	1 0.00%	0 0.00%	21 0.02%
Not Eligible Indicated by Altarum-DEERS Update (26)	102 0.10%	140 0.14%	18 0.02%	13 0.01%	6 0.01%	1 0.00%	7 0.01%	3 0.00%	2 0.00%	53 0.05%	345 0.34%
TOTALS	22883	36250	3605	5555	1289	1581	13044	14055	1414	346	100022
YIELD RATE	12.67%	4.58%	13.07%	4.19%	7.29%	3.23%	18.32%	11.16%	10.25%	3.47%	9.52%

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Description of the Adult HCSDB Database

This chapter presents the procedures for developing the database, and discusses the database file layout.

VARIABLE NAMING CONVENTIONS

The conventions used to name variables on the 2017 Adult HCSDB data file are listed below and summarized in Table 3.1. The naming conventions remain constant across the three quarters of the 2017 HCSDB.

- **Survey Variables**. Variable names for core survey questions consist of up to eight alphanumeric characters that start with an alpha character ("H" for Adult survey variables), followed by a year designation ("17") and ending with three numbers and, if necessary, one alpha character to identify the relevant survey question. Recoded variables have the same names as on the annotated survey. The original variables are suffixed with "_O"; these will not be on the public release file.

- **Supplemental Question Variables.** Each quarter, the questionnaire includes a battery of questions on specific health care topics concerning services offered to MHS beneficiaries. Like the core questions, supplemental questions also include up to eight alphanumeric characters; each variable begins with an "S" to distinguish it as a supplemental question, followed by the year designation ("17"). The variable ends with an alphanumeric character or characters denoting the supplemental topic followed by the question number in the supplemental series as necessary.

- **Self-Reported Data**. Defense Manpower Data Center (DMDC) standard demographic self-reporting variables on the adult survey are prefixed with "SR." Survey variables with this naming convention include SRRACEA-SRRACEE (race/ethnicity) and SREDA (education).

- **Coding Scheme Flags and Counts.** Coding Scheme flags, variables like N1-N25, reference the notes in the Coding Scheme for the Adult Survey. See Appendix D for the Coding Scheme for Quarter I for more information. Coding Scheme counts are sums of missing value responses for each questionnaire; each of these variable names begins with the 4 characters "MISS".

- **Constructed Independent Variables**. Independent variables are prefixed with an "X." These include original survey variables modified as a result of data cleaning or recoding and newly constructed variables that did not previously exist on the survey file. For example, since the variable PNSEXCD was modified as a result of data cleaning and recoding, it was renamed XSEXA.

- **Constructed Dependent Variables**. Dependent variables are given different prefixes depending on function. Healthy People 2020 variables, for example, are prefixed with an "HP" and all other newly constructed dependent variables are prefixed with a "K."

- **Constructed Restricted Use Variables**. Original DEERS variables that have been recoded to maintain the confidentiality of the respondent are prefixed with "R."

- **Weighting Variables**. Quarterly weighting variables are prefixed with a "FW".

TABLE 3.1

NAMING CONVENTIONS FOR 2017 HCSDB VARIABLES – QUARTER I

1st Character: Survey Type	2nd – 3rd Characters: Survey Year	4th – 6th Characters: Question #	Additional Characters: Additional Information
H= Health Beneficiaries (18 and older, Adult Questionnaire) -------------------------- S = Supplemental Question	17	001 to 079 --------------------------------- Quarter I 009-011, 014 – Supplemental questions about visits to the respondent's healthcare provider. B01-B04 – Supplemental questions about overall mental or emotional health.	A to V are used to label responses associated with a multiple response question

1st Character: Survey Type	2nd – 3rd Characters: Survey Year	4th – 7th Characters: Question #	Additional Characters: Additional Information
S = Supplemental Question	17	Quarter I BI01-BI20 – Supplemental questions about electronic cigarettes.	A to E are used to label responses associated with a multiple response question

1st Characters: Variable Group	Additional Characters: Additional Information
SR=Self-reported demographic data	Descriptive text, e.g., SREDA
N=Coding Scheme notes	Number referring to Note, e.g., N2
X=Constructed independent variable	Descriptive text, e.g., XREGION
HP=Constructed *Healthy People 2020* variable	Descriptive text, e.g., HP_BP (had blood pressure screening in past two years and know the results)
R=Constructed restricted use variables	Descriptive text, e.g., RDAGEQY (Age at time of data collection-capped-grouped those 18 and below, 86 and above)
K=Constructed dependent variables	Descriptive text, e.g., KMILOPQY (total number of outpatient visits to military facility)
FW=Quarterly weighting variables	Descriptive text, e.g., FWRWT for the overall final quarterly weight; Number referring to replicate weights, e.g., FWRWT10

CLEANING AND EDITING CONVENTIONS

Data quality procedures are found in the Coding Scheme tables. The complete Coding Scheme for Quarter I appears in Appendix D. It contains detailed instructions for all editing procedures used to correct data inconsistencies and errors. Editing procedures check for appropriate response values and consistent responses throughout the questionnaire. The steps to insure data quality include the following:

- **Initial Cleaning**. Missing value flags were encoded when Ipsos created the SAS dataset:

  - Skipped items were encoded with SAS missing value code of '.'.

- **Data Cleaning and Recoding of Variables – Implementation of the Coding Scheme.** Skip patterns were checked for consistency, and questions that were skipped legitimately were recoded with the SAS missing value of ".N"; questions that were answered, but should have been skipped, were recoded with a SAS missing value of ".C". When possible, variables were backward coded or forward coded to make all responses consistent within a sequence. Numeric values were checked, and values that were out of range were flagged with the SAS missing value of ".O".

- **Frequency Checks**. Formatted and unformatted frequency tables for all variables in Quarter I, 2017 Adult HCSDB data file appear in Chapter 5 of this document. These frequency tables and other relevant cross tabulations were used to examine the range of values recorded for each data item to determine the type and magnitude of missing values. All value labels have been checked for accuracy.

RECORD SELECTION CRITERIA

Blank returns, nonrespondents, and any respondents found to be ineligible for MHS benefits were removed from the database. In addition, among eligible respondents with a non-blank questionnaire, a questionnaire must be "complete" to be included in the database. If there are multiple questionnaires received from a single respondent, only the most complete questionnaire is retained.

To determine if a questionnaire is "complete", 20 key questions were chosen. These key questions were adapted from the complete questionnaire rule developed by AHRQ for CAHPS surveys. At least 50 percent of these key items (more than nine) must be answered for a questionnaire to be accepted as a complete questionnaire. The key survey variables are: H17003, H17005, H17006, H17009, H17013, H17018, H17019, H17027, H17028, H17031, H17033, H17040, H17043, H17048, H17051, H17052, H17065, H17073, SREDA, and the race indicator variables (SRRACEA-SRRACEE).

Weighting Procedures

The analysis of survey data from complex sample designs, such as the 2017 Adult HCSDB, requires weights to do the following:

- Compensate for variable probabilities of selection

- Adjust for differential response rates

- Improve the precision of the survey-based estimates through post-stratification [for details, see Brick and Kalton (1996) and references cited therein].

Basic sampling weights are equivalent to the reciprocal of the probability of each respondent's selection into the sample. These basic sampling weights are further adjusted for nonresponse within the classes formed based on the percentiles of the propensity scores from the propensity model. Finally, we poststratified the nonresponse adjusted weights to the frame totals to obtain specific domain weighted totals equal to the population totals. Chapter 5 contains the weighted and unweighted frequencies for each variable in Quarter I. For further details on the 2017 weighting, see "2017 Health Care Survey of DoD Beneficiaries: Technical Manual".

Chapter

4

Programming Guide

This chapter is designed to help users create tables and variance estimates. Procedures for using SAS, SPSS, and SUDAAN to create estimates are explained. Examples provided in the text are based on the Quarter I, 2017 HCSDB dataset.

HOW TO MAKE A TABLE USING SAS

The Quarter I, 2017 Adult HCSDB dataset is provided in a Statistical Analysis System (SAS) 9 format. SAS is a computer software system used for data management, summarization, and analysis. A format library for the adult database is included along with the dataset. SAS can be run interactively or non-interactively (in batch mode), and the sample programs presented here can be run using either method. Special instructions are given later in the chapter for working interactively with the SAS Display Manager System in a Windows environment. All SAS programs generate a LOG and a LST file. The LOG file shows how SAS interprets your program and flags SAS syntax errors. The LST file shows the requested output.

File References, Libraries, and Options

SAS recognizes two types of datasets -- permanent and temporary. Permanent datasets, such as the HCSDB, are located through a LIBNAME that references the directory where the data is stored. For example, if the Quarter I, 2017 adult dataset is located on a CD-ROM in the subdirectory HCSDB17\FORMA\Q1, your LIBNAME statement must look like this:

LIBNAME INFORMA 'F:\HCSDB17\FORMA\Q1';

The adult dataset can then be referred to as INFORMA.HCSDB17, where INFORMA is the location of the file HCSDB17.

A format library requires a LIBNAME LIBRARY statement that shows the location of the format library. For example, if the adult format library is stored on your hard drive in a FMTLIB subdirectory, the LIBNAME statement should look like this:

LIBNAME LIBRARY 'C:\HCSDB17\FORMA\Q1\FMTLIB';

The OPTIONS statement controls page format and line length. A table with a "portrait" orientation might have this statement:

OPTIONS PS=79 LS=132;

A table with a "landscape" orientation that is left justified would have this OPTIONS statement:

OPTIONS PS=50 LS=175 NOCENTER;

DATA Step

The DATA step is used to create permanent or temporary datasets. It is also used to create new variables, modify existing variables, and limit the number of variables or observations. In a DATA step, you can do any or all of the following activities:

- Construct new variables. For example, to construct a variable of Active Duty by sex:

```
/*  Active Duty males   */
IF XSEXA = 1 AND XBNFGRP = 1 THEN XSEX_AD = 1;
*  Active Duty females;
ELSE IF XSEXA = 2 and XBNFGRP = 1 THEN XSEX_AD = 2;
ELSE XSEX_AD = .;   /*  missing value  */
```

[Note: the two methods to insert comments: enclosed within /*   */ or beginning with * and ending with a semicolon]

- Modify existing variables. For example, if the respondent is in region 7, the respondent will be placed in the combined region 7/8:

```
IF XREGION = 7 THEN XREGION = 8;
```

- Limit the number of variables. Use a KEEP statement:

```
KEEP XREGION SVCSMPL H17050 H17052;
```

- Limit the number of observations. Use a subsetting IF:

```
/*  Keep only TNEX region 3 observations  */
IF XTNEXREG = 3;
```

- Create a new temporary dataset. For example, SVC_1 is a temporary file of observations for only those respondents in service branch 1 (Army):

```
LIBNAME INFORMA 'F:\HCSDB17\FORMA\Q1';
DATA SVC_1;
/*  Input file is HCSDB17  */
SET INFORMA.HCSDB17;
IF SVCSMPL = 1;
RUN;
```

- Create a new permanent dataset. For example, OUT.SVC_2 is a permanent dataset only of Navy respondents:

```
LIBNAME INFORMA 'F:\HCSDB17\FORMA\Q1';
LIBNAME OUT 'C:\HCSDB17\FORMA\Q1';
DATA OUT.SVC_2;
SET INFORMA.HCSDB17;
IF SVCSMPL = 2;
RUN;
```

PROC TABULATE

PROC TABULATE produces summary statistics in a table layout. The table can have up to three dimensions: page, row, and column. Within any dimension, multiple variables can be reported one after another or hierarchically. Useful statistics that are available in PROC TABULATE include:

- N   number of observations with nonmissing values

- NMISS   number of observations with missing values

- MEAN   the arithmetic mean

- SUM   the sum

- PCTN   percent that one frequency represents of another frequency

- PCTSUM   percent that one sum represents of another sum

The essential elements to execute PROC TABULATE are outlined below (items within < > are not required):

> **PROC TABULATE DATA=*your dataset* <option list>;**
> **CLASS *class variables*;**
> **VAR *analysis variables*;**
> **TABLE *<< page expression, > row expression, > column expression </ table options >*;**
> **WEIGHT FWRWT;**
> **RUN;**

If the input file is to be limited to a specific population, a separate DATA step can precede the TABULATE, or a WHERE statement can be used within the TABULATE procedure. For example, to create a table from only respondents in service branch 1, you would use the following statement after the PROC TABULATE statement:

> **WHERE SVCSMPL = 1;**

CLASS variables are any variables that are used for grouping; variables such as XTNEXREG, XSEXA, and SVCSMPL are good examples of class variables. Class variables can be either character or numeric and typically have a discrete number of values. Unless MISSING is specified in the options list in the PROC TABULATE statement, any observations with a missing CLASS variable will be dropped from the table.

The VAR statement identifies all analysis variables for a table. Analysis variables must be numeric and can be either discrete or continuous. SAS excludes missing values when computing statistics such as means and percentages.

The WEIGHT statement identifies the numeric variable whose value is used for weighting each analysis variable. In the HCSDB for Quarter I, 2017, the weight variable is FWRWT.

The TABLE statement defines the table features. Every variable listed in this statement **must** be classified as either a class variable or an analysis variable in the CLASS or VAR statements. A comma separates each table dimension (page, row, and column). If there are three dimensions, the first is the page, the second is the row, and the last is the column. If there are only two dimensions, the first is the row and the second is the column. Tables with only one dimension are in column form. Each dimension expression is composed of the same following elements:

- Analysis variables

- Class variables

- The universal class variable ALL, which summarizes the class variables in the same group or dimension

- Keyword for the statistic to be performed, such as MEAN, SUM, or PCTSUM

- A format modifier, which defines how to format values in cells. For example, F=8.2 will present values with a maximum of 8 positions and 2 digits to the right of the decimal.

- Labels, which temporarily replace variable names and statistic keywords. These labels have the form ='*label*'; for example, XTNEXREG='TNEX Region' or MEAN=' ' (to eliminate the word MEAN from the headings).

- Crossing operator * (asterisk). The asterisk is used to cross elements within the same dimension. For example, you would use XENRLLMT*XSEXA to cross enrollment status by sex. The asterisk is also used to connect the statistic (e.g., MEAN, SUM) to the appropriate dimension; for example, to calculate the mean of respondents' satisfaction with all health care in the last 12 months, you would use H17018*MEAN.

- Denominator definitions are enclosed by < > (brackets).

- Concatenation operator is a single space between elements in a dimension. For example, to concatenate satisfaction with all health care in the last 12 months with satisfaction with health plan, you would use H17018   H17048.

- Grouping is accomplished with parentheses. Below is an example of grouping, concatenation, and crossing within a single dimension:

    (XBNFGRP ALL)*XSEXA

The SAS Display Manager System

The SAS Display Manager system provides an interactive tool for running SAS commands, like those given above, in the Windows environment. Double clicking the SAS icon on the desktop begins the SAS session. When you first enter SAS version 9, the following screen opens.
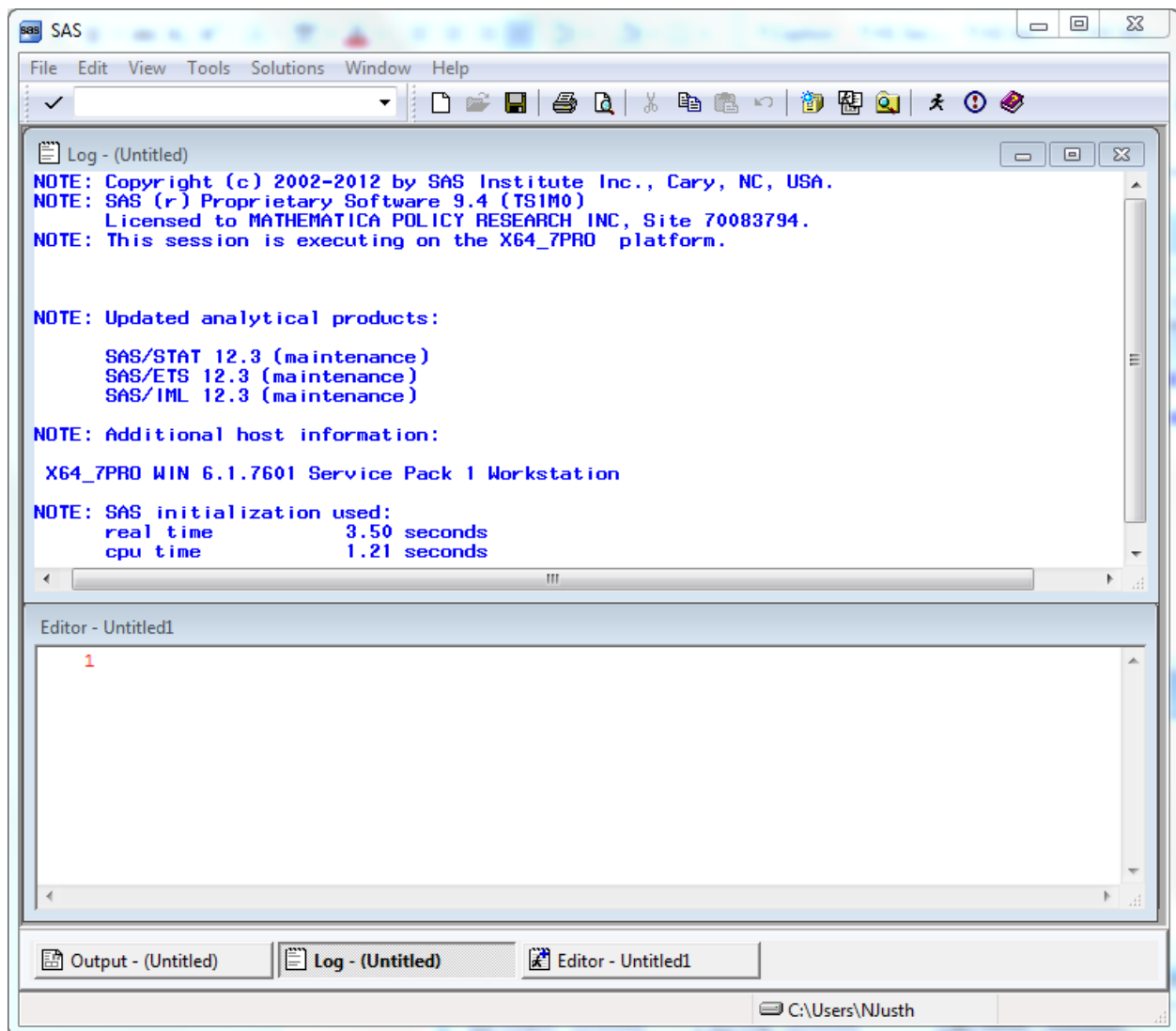
The screen is divided into two windows, a Log window above and an Editor window below.

The Window Bar at the bottom of the screen includes tabs for the Log and Editor windows with an additional tab for the Output Window. Clicking on the Output tab will open the Output window. The instructions in this document will outline options for setting up the Editor and for displaying the windows themselves.

The default editor for version 9 is the SAS Enhanced Editor which is color coded to check SAS syntax. Another editing option is to use the Program Editor which includes line editing options. We will describe procedures for setting up the Program Editor.

Click on View and select Program Editor as in the following:
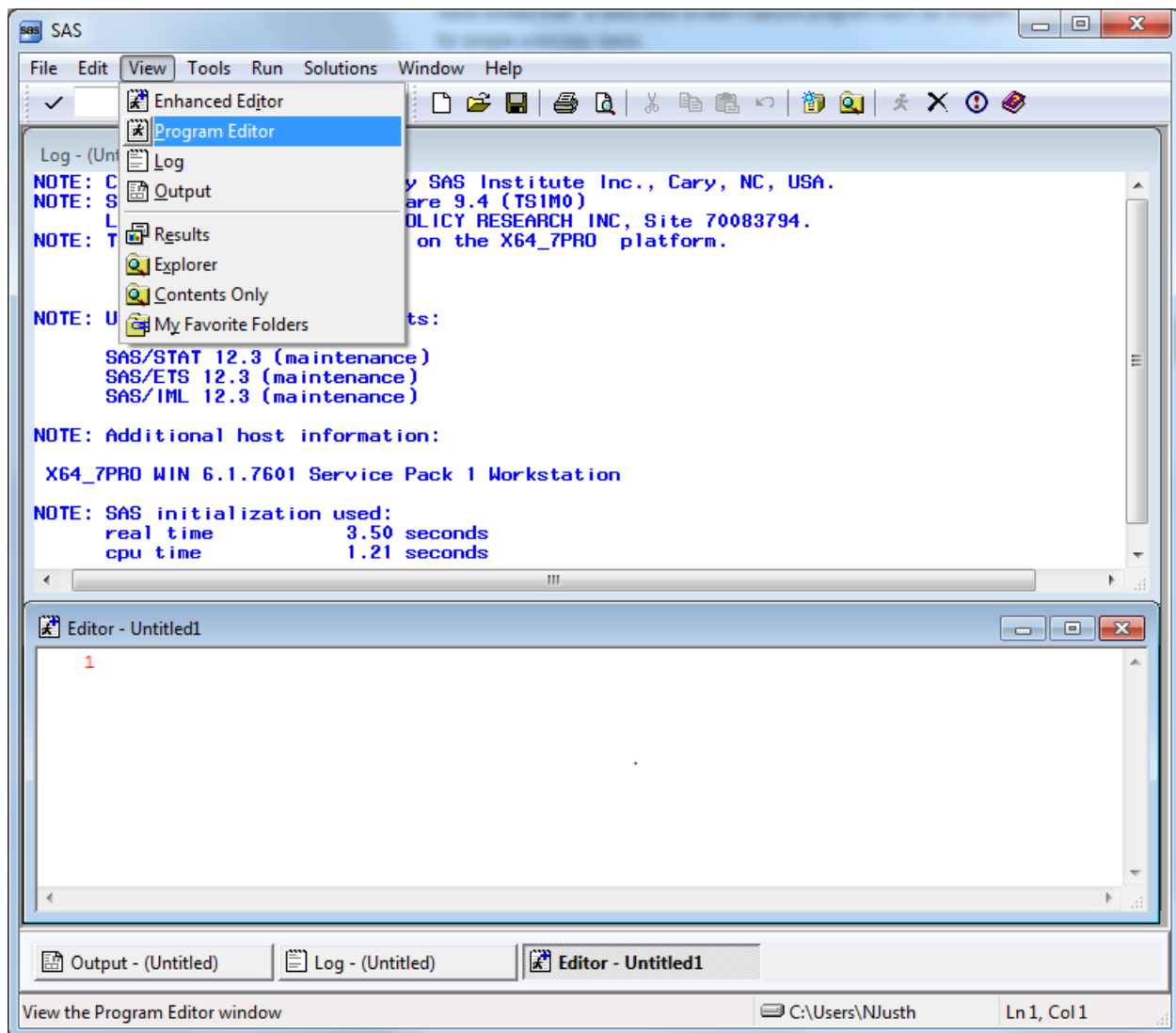
The lower Editor Window has now changed to Program Editor as in the following screen:
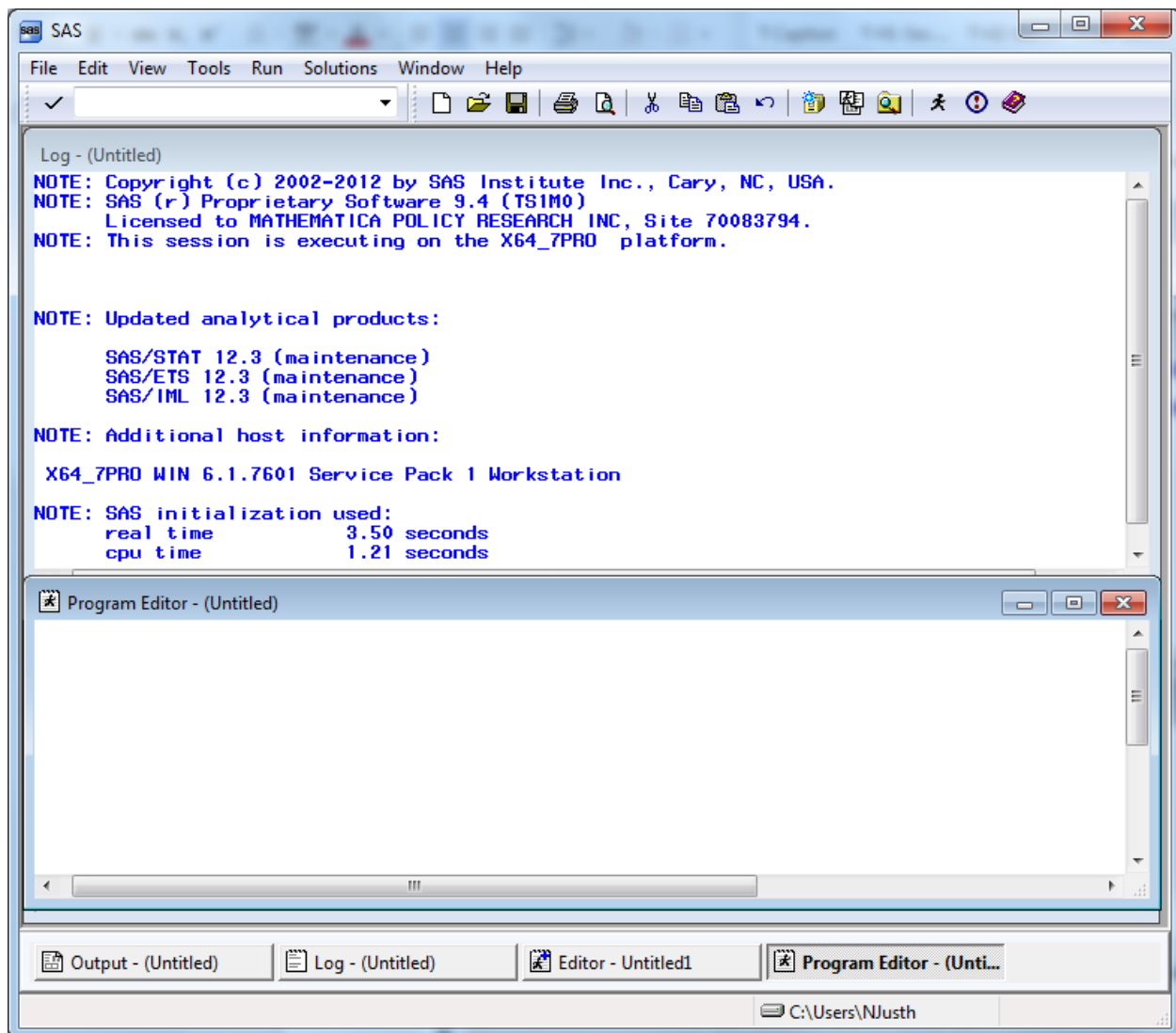
Open the Tools menu and choose Options and Preferences.
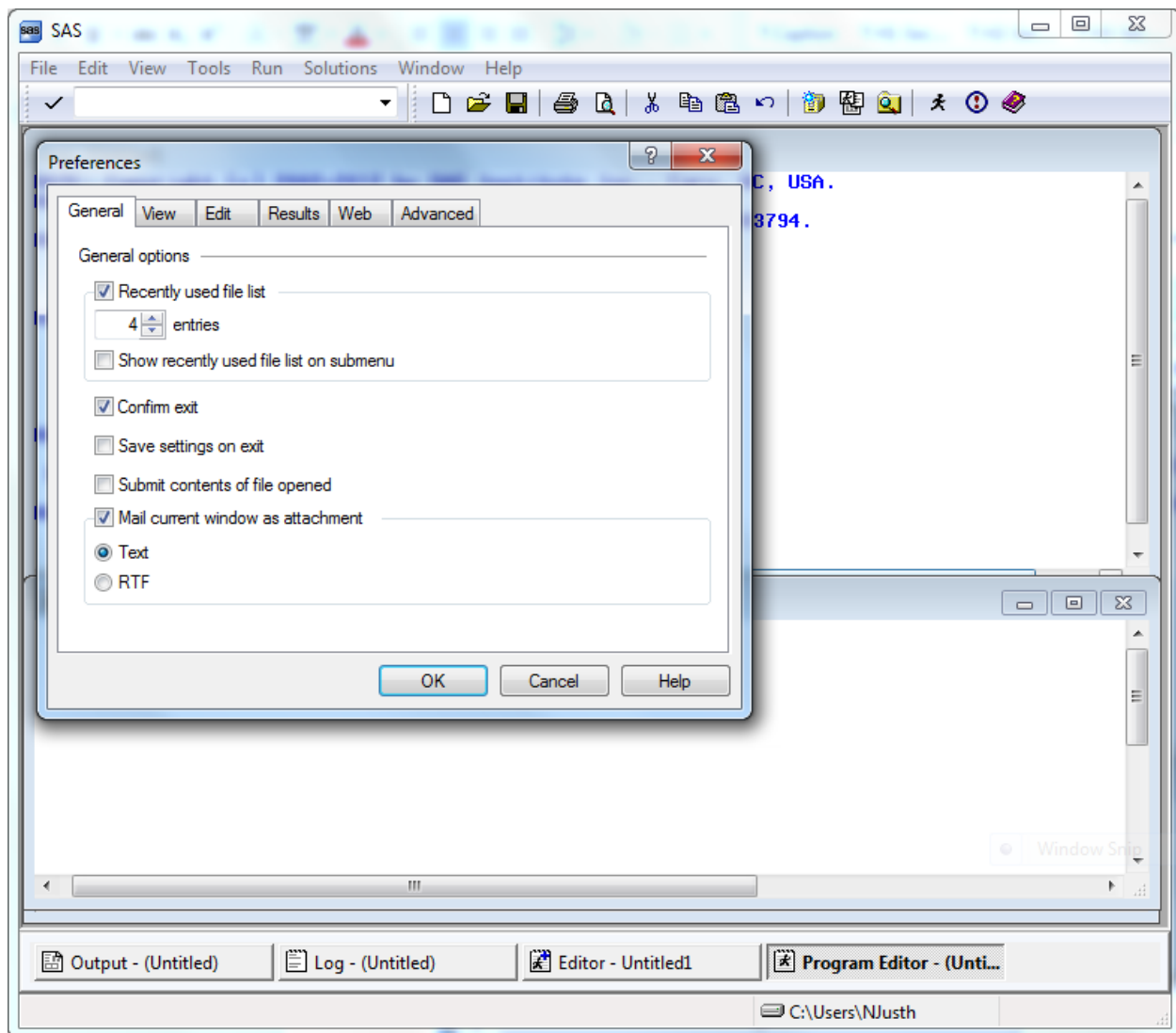
Many of these settings are system default options. To add a command line to the three windows, do the following. Click on the View tab and click in the box opposite **Command Line** as follows:
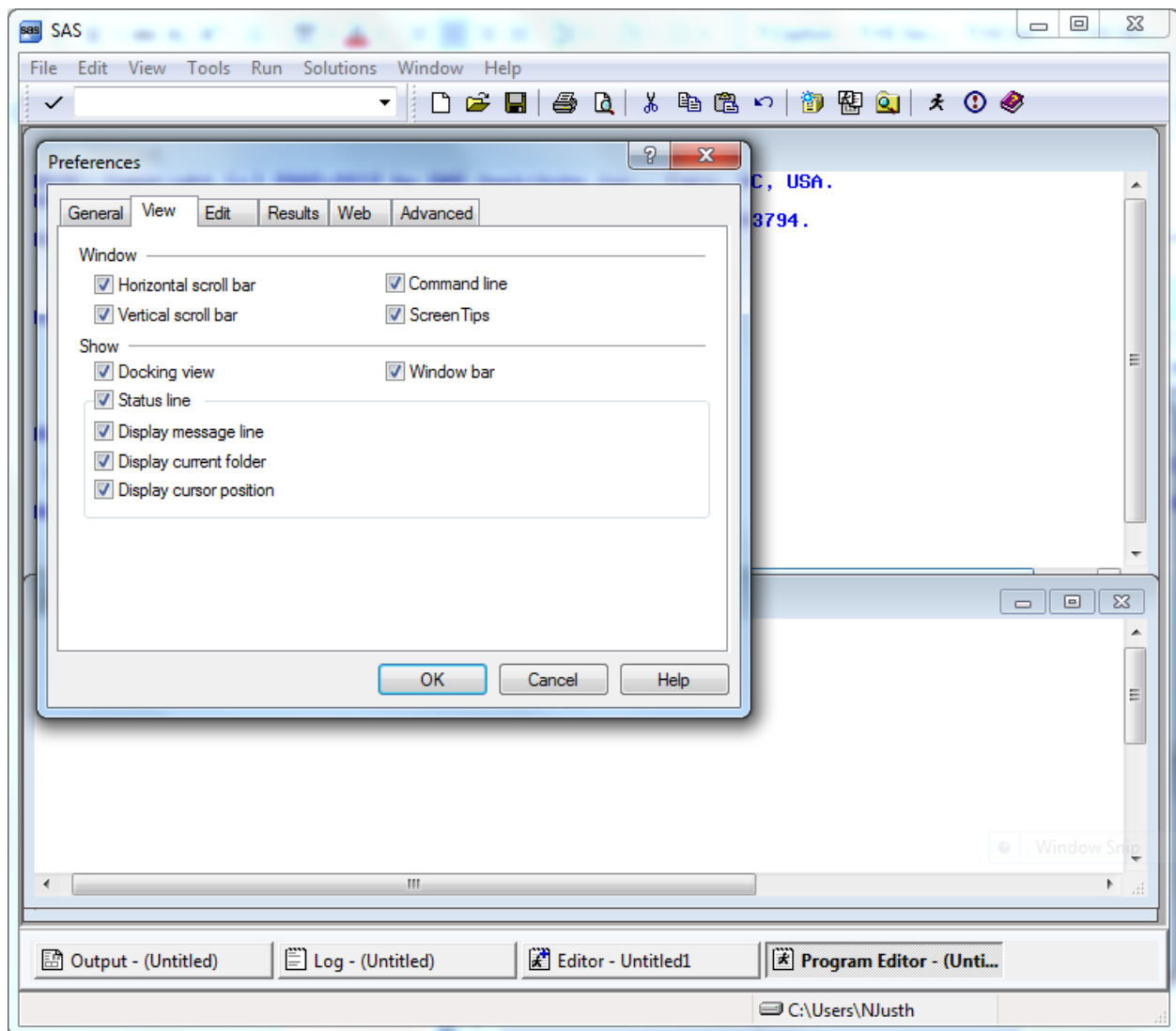
Click on OK and a command line will be added as in the screen below.
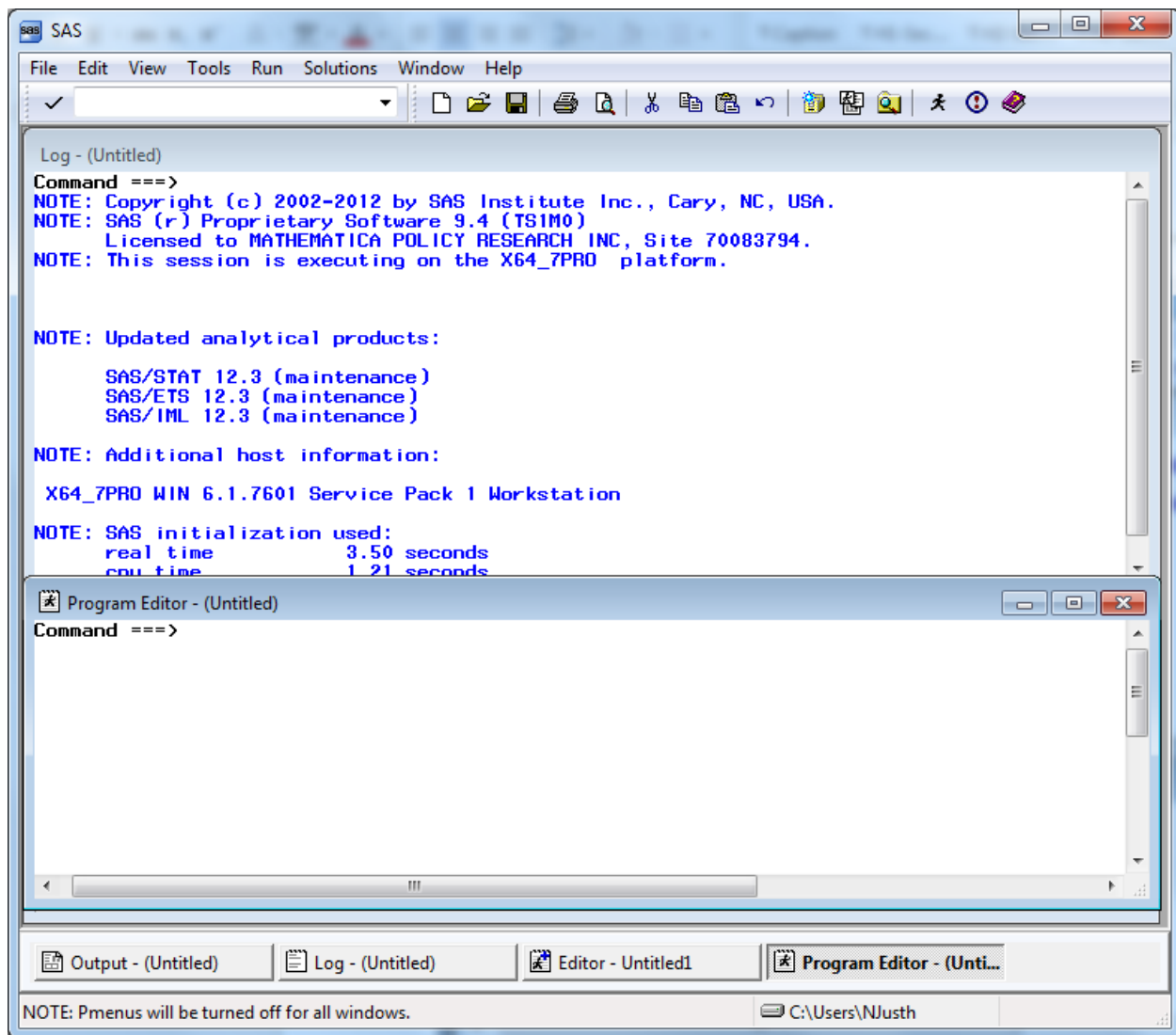
Each window shows the word **Command** followed by an arrow. Commands may be typed at this location. To arrive at the command line, depress the **Home** button on your keyboard. The cursor will appear opposite the arrow.

Toggling among the windows may be accomplished by typing the desired window name at the command line and pressing **Enter**. SAS recognizes **Pgm** as the abbreviated reference to the Program Editor and **Out** as a shortened name for the Output window. A few keystrokes allow you to navigate among the windows. For example, the command line lets you continue to customize our SAS session as follows.

In order to more easily distinguish between the SAS windows, it may be preferable to change the background color of selected windows. As an example, set the background color of the Log window to yellow and the Output window to gray. Press the **Home** key to arrive at the command line. Type **Log** opposite the arrow to toggle to the Log window. Type the command, ***color back yellow*** (or some other color) on the command line. Your screen will resemble the following.
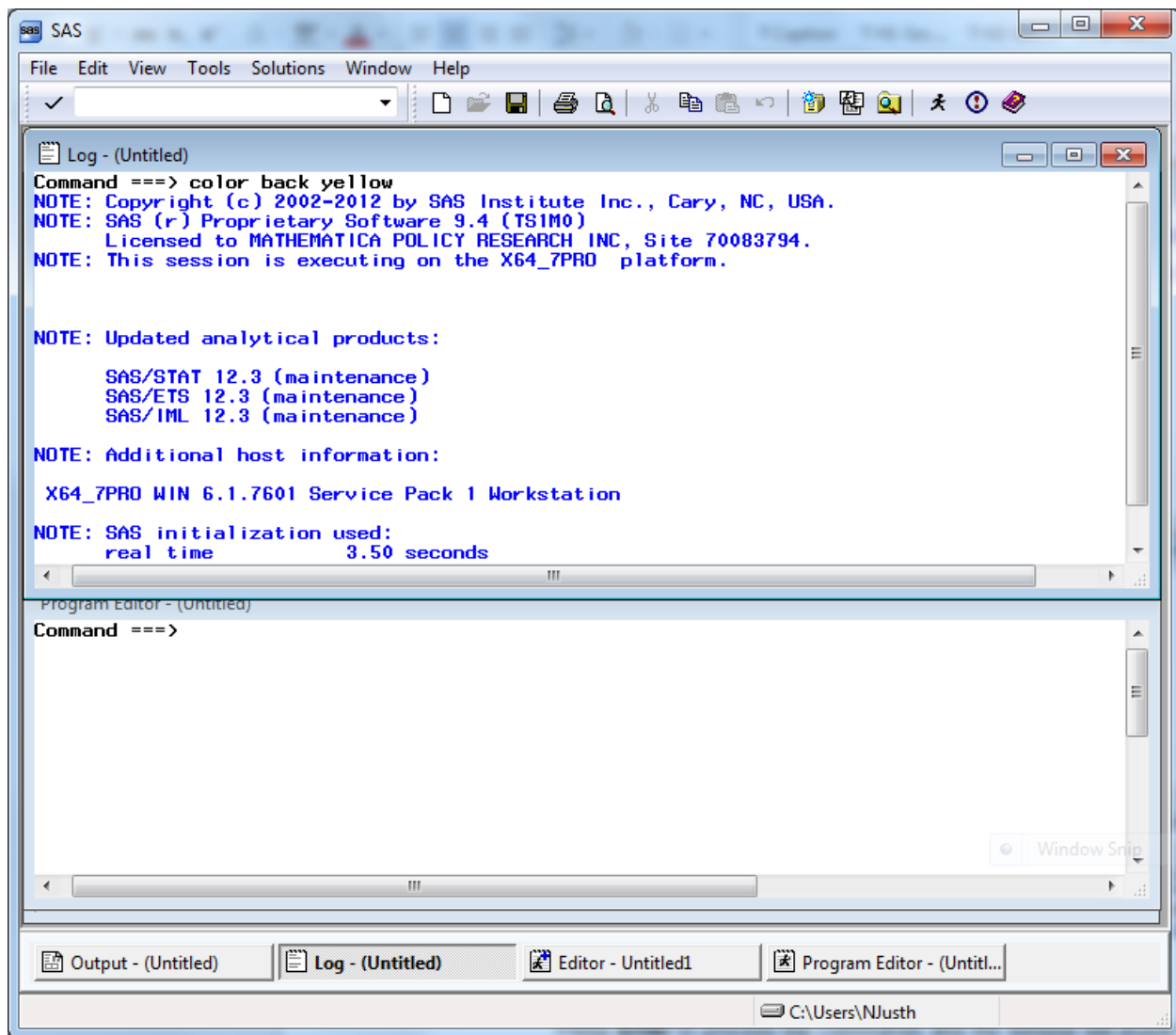
Press **Enter** to process the commands and the window will shade to yellow. Toggle to the Output window by typing **Out** and keying **Enter**. Type *color back gray* and key **Enter**. Return to the Program Editor and the screen will look like the following.
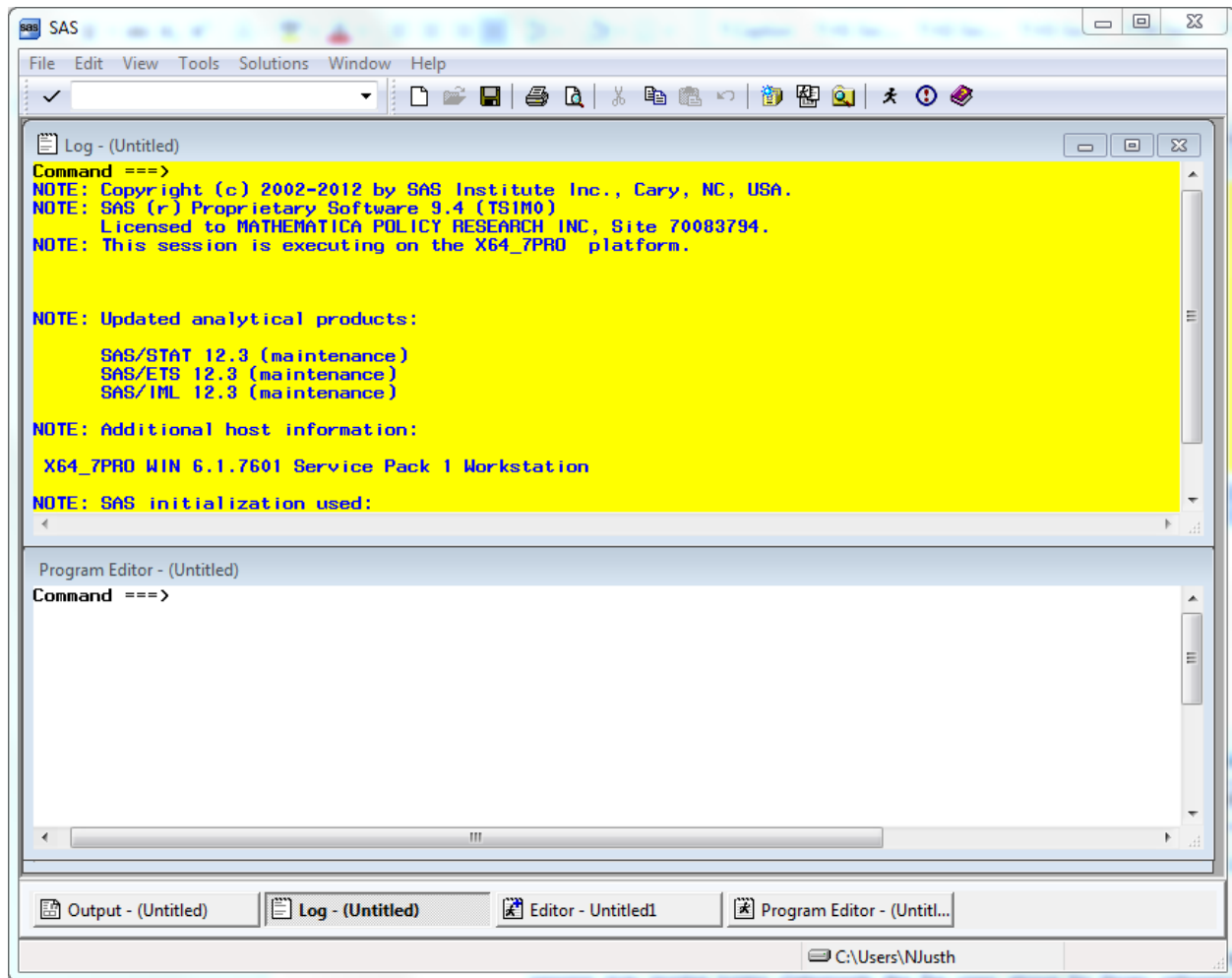
All SAS statements for building and processing SAS datasets are typed into the Program editor. A SAS session may involve typing statements like the ones above for library reference, computing new variables, data steps, etc. Entering a long series of statements in such a small space may be awkward, so another arrangement for the windows may be preferable.

Cascading the windows is one option. To cascade the windows, open the **Window** menu, and choose **Cascade** as indicated in the following.
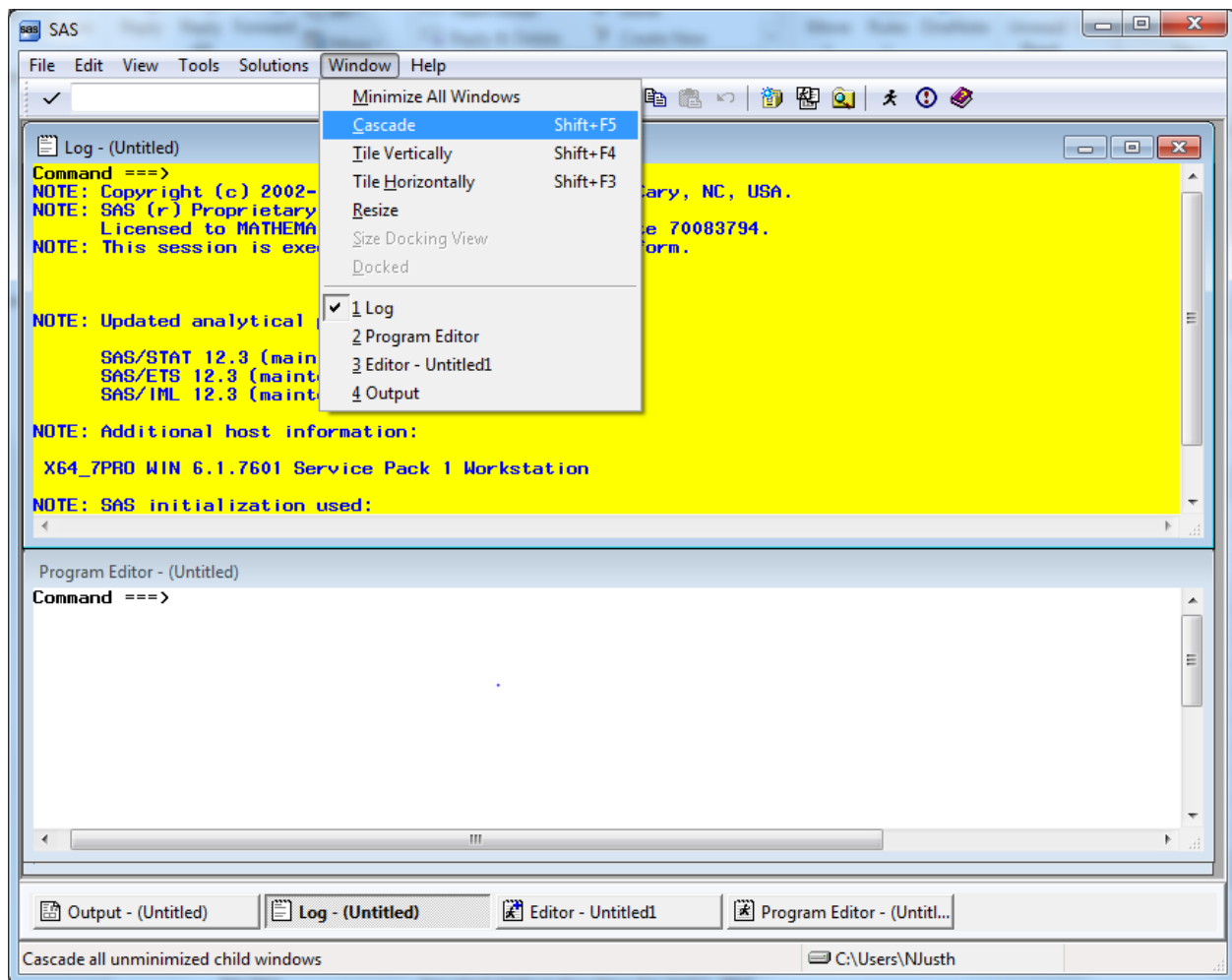
Clicking the option Cascade produces the following result.
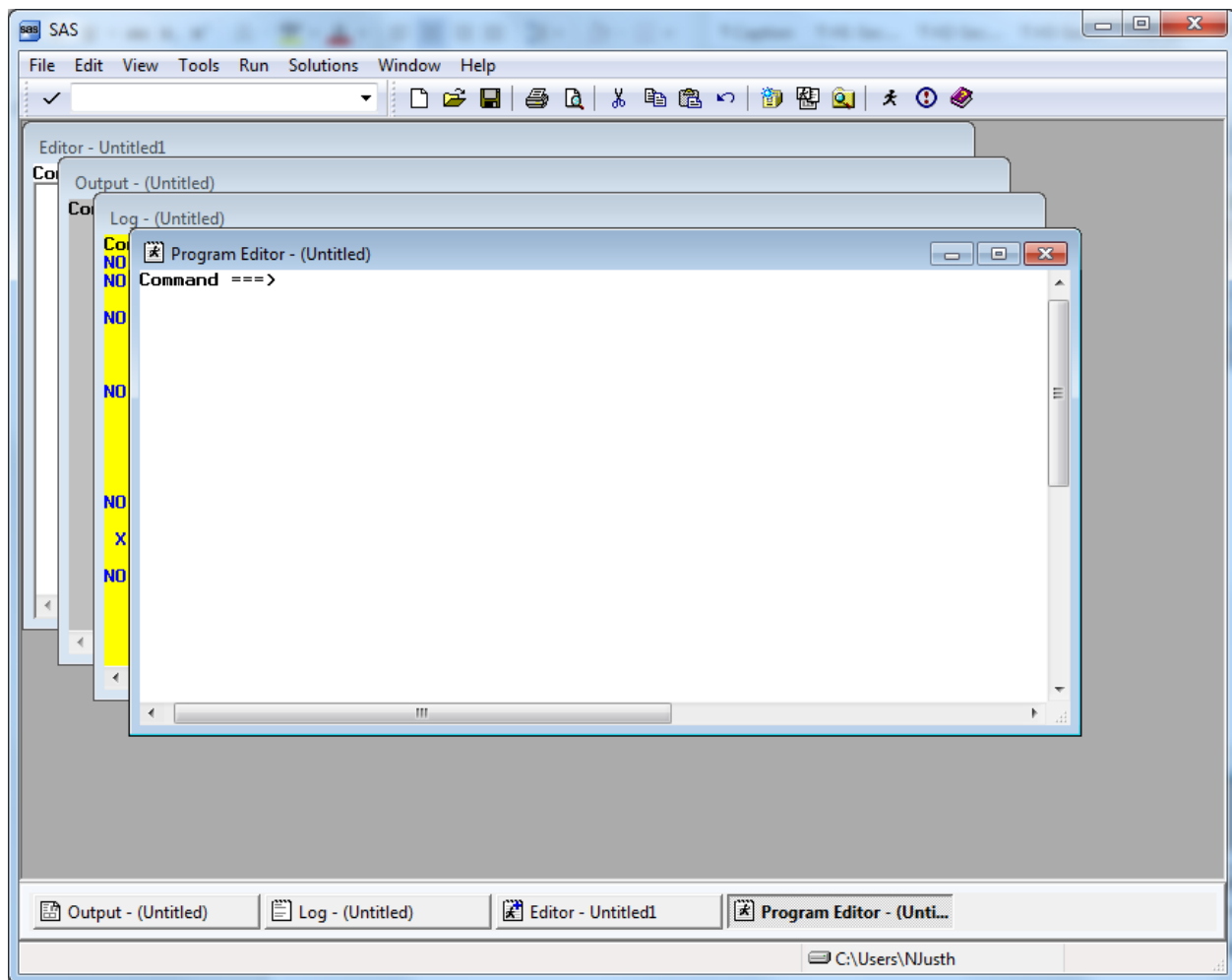
Each window is partly superimposed on the other. The colors distinguish between windows at a glance. With the Program Editor in front, SAS statements may be typed there with relative ease. As a final option, you can enlarge the Program Editor to fill the entire screen. At the command line, type *zoom* as in the following:
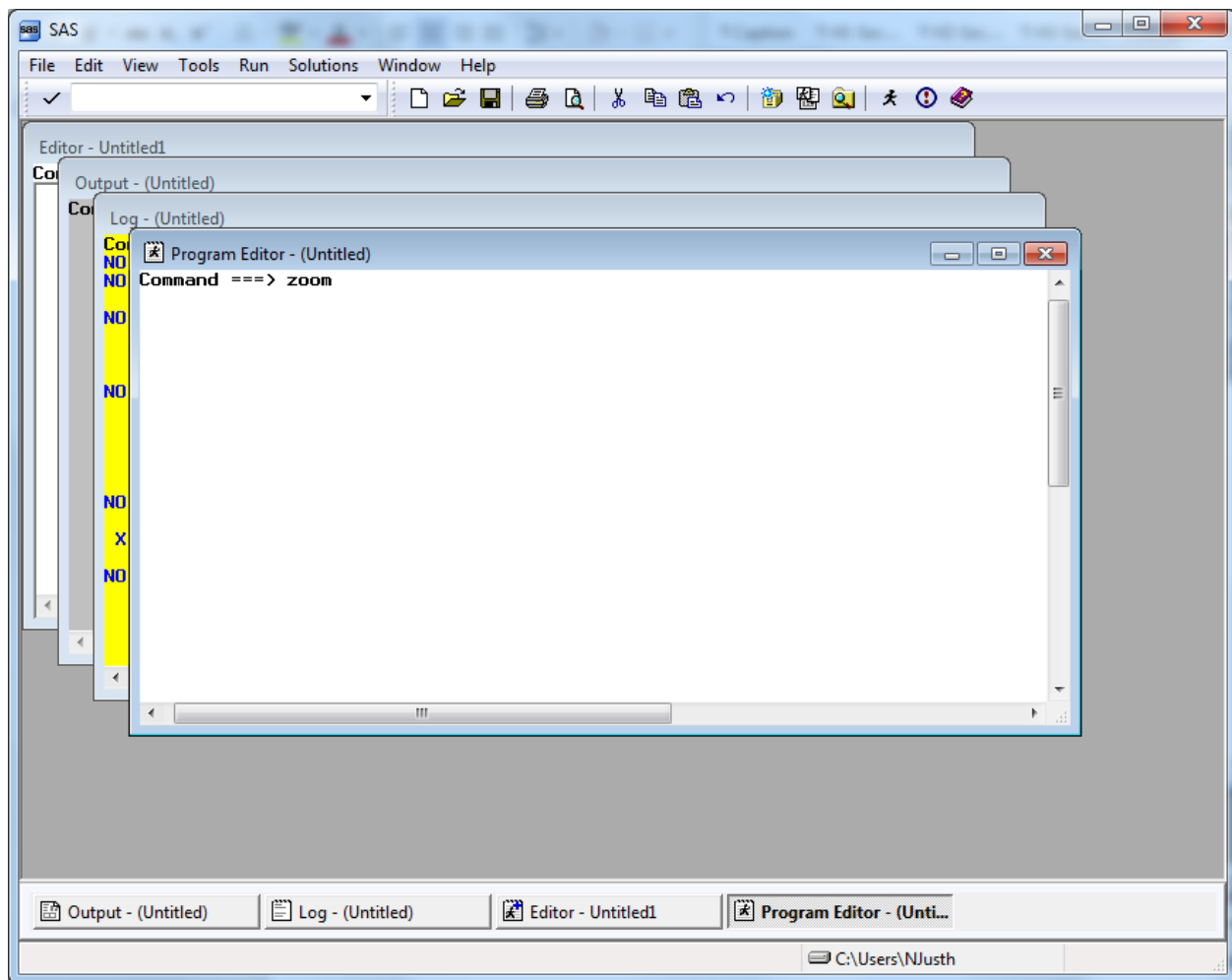
The window changes to fill the screen.

One more option for customizing screens is explained below. This involves adding line numbers to the editing environment in the Program Window. After adding the line numbers, many useful line-editing commands become available (see the SAS Manual). At the **Command** line type "numbers on" as in the following screen.
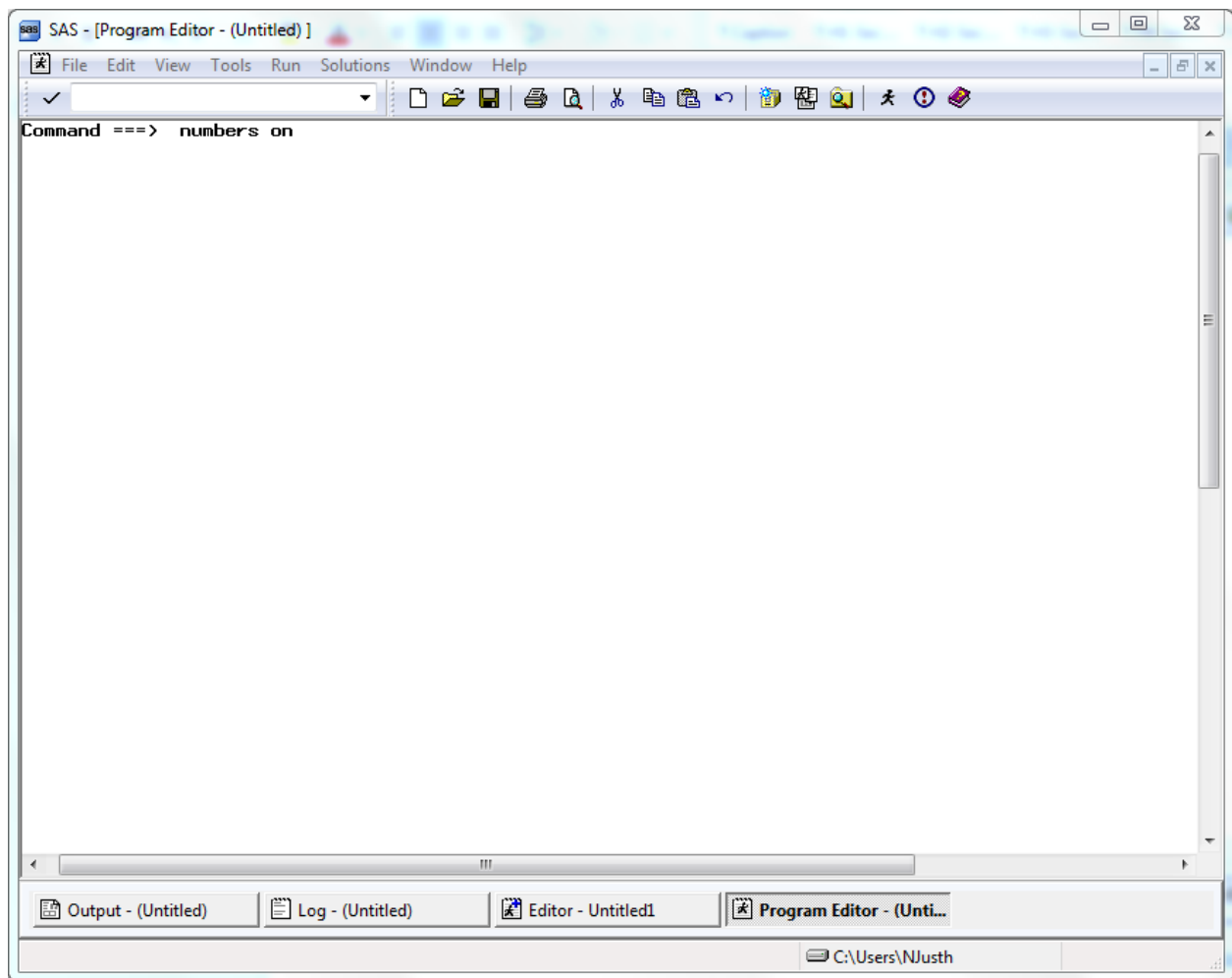
The line numbers appear at the left of the full screen Program Editor as in the screen below, and the SAS statements can be typed into the screen and edited.
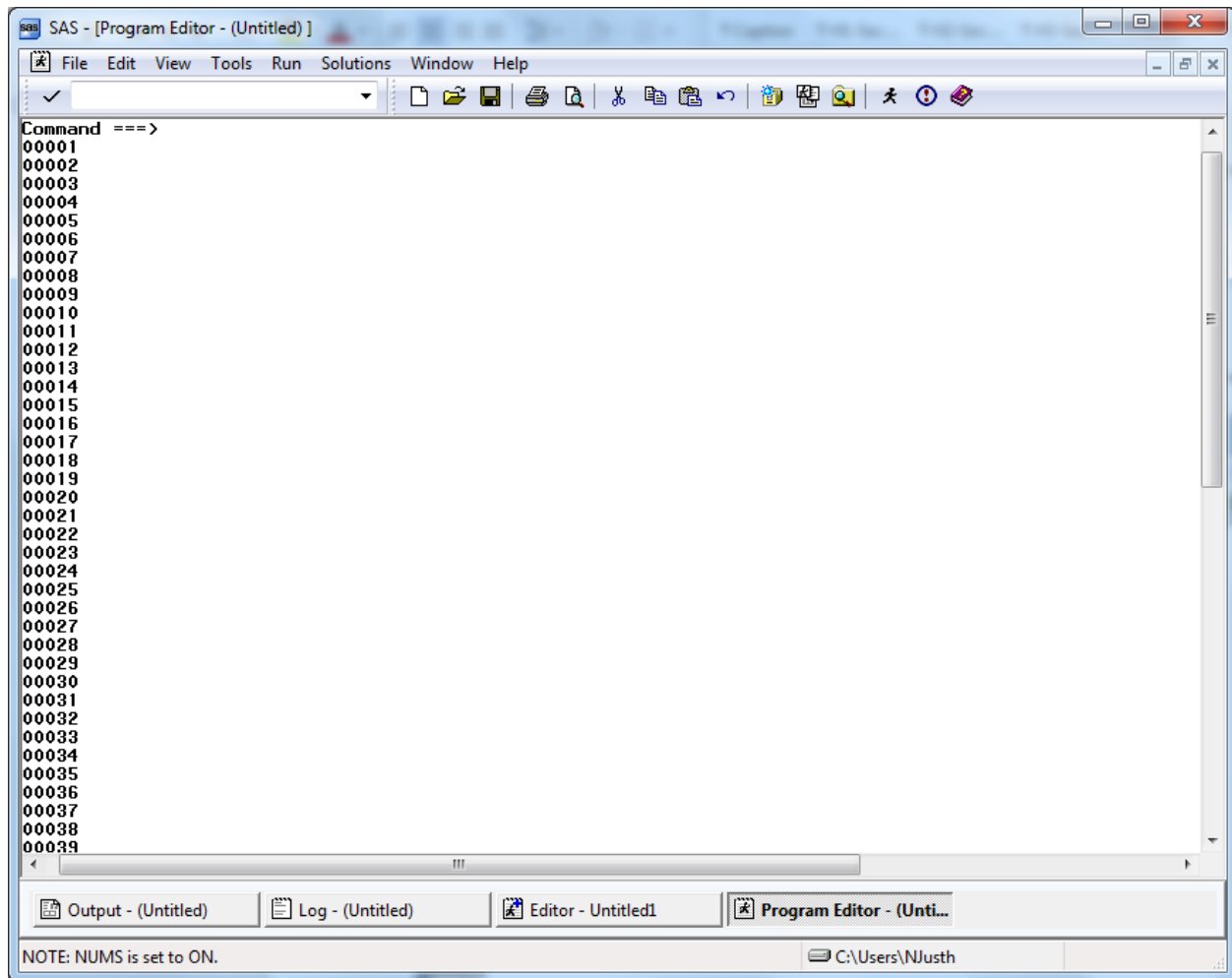
Below is an example of a PROC TABULATE to construct a table of health status and respondent's weight by beneficiary group and gender for respondents in TNEX region 3. Beneficiary group (XBNFGRP) and sex (XSEXA) are both class variables with a discrete number of values. The columns of the table are beneficiary group broken out by sex, a total for each beneficiary group, and a region total. The variables (H17072 and H17065) are the analysis variables appearing as the rows of the table. The statistic that we want to see is the weighted mean of these variables for each group in the table and for the entire region as a whole.

Enter the following SAS statements into the **Program Editor**.

```
OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
PROC TABULATE DATA=IN.HCS171_1;
WHERE XTNEXREG = 3;   /* limit to TNEX Region 3  */
CLASS XBNFGRP XSEXA;
VAR H17072 H17065;
WEIGHT FWT;
TABLE (H17072 H17065)*MEAN,    /* Row Dimension */
        XBNFGRP*(XSEXA ALL)  ALL;   /* Column Dimension */
TITLE "Table 4.1";
TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 3";
```

RUN;

Key **Home** and type the command **SUBMIT** on the Command Line. **Submit** instructs the SAS system to process the commands written in the Program Editor. Your screen should resemble the following.

```
Command ===> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS171_1;
00005 WHERE XTNEXREG = 3;    /* limit to TNEX Region 3  */
00006 CLASS XBNFGRP XSEXA;
00007 VAR H17072 H17065;
00008 WEIGHT FWT;
00009 TABLE (H17072 H17065)*MEAN,    /* Row Dimension */
00010       XBNFGRP*(XSEXA ALL) ALL;    /* Column Dimension */
00011 TITLE "Table 4.1";
00012 TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 3";
00013 RUN;
00014
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```

Enter the **Submit** command, and the SAS statements disappear from the Program Editor. If a table is successfully produced, the Output window will open and the table will be displayed. If no output is produced, then SAS has encountered an error. SAS statements about the error can be seen and evaluated in the Log window. In all cases, the Log window should be carefully examined after SAS statements are processed. SAS may produce a table even if there are errors in the program, so the table may not be correct.

No table was produced for this run. The error is indicated in the Log Window as shown below.

```
SAS - [Log - (Untitled) ]
File  Edit  View  Tools  Solutions  Window  Help
✓ [                    ▼]

Command ===>
14    OPTIONS PS=79 LS=95;
15    LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
NOTE: Libref IN was successfully assigned as follows:
      Engine:        V9
      Physical Name: C:\FILES\DoD\ADULT 2017
16    LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
NOTE: Libref LIBRARY was successfully assigned as follows:
      Engine:        V9
      Physical Name: C:\FILES\DoD\ADULT 2017\FMTLIB


17    PROC TABULATE DATA=IN.HCS171_1;
NOTE: Data file IN.HCS171_1.DATA is in a format that is native to another host, or th
      encoding does not match the session encoding. Cross Environment Data Access wil
      used, which might require additional CPU resources and might reduce performance
18    WHERE XTNEXREG = 3;    /* limit to TNEX Region 3  */
19    CLASS XBNFGRP XSEXA;
20    VAR H17072 H17065;
21    WEIGHT FWT;
ERROR: Variable FWT not found.
22    TABLE (H17072 H17065)*MEAN,    /* Row Dimension */
23          XBNFGRP*(XSEXA ALL)  ALL;    /* Column Dimension */
24    TITLE "Table 4.1";
25    TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 3";
26    RUN;

NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE TABULATE used (Total process time):
      real time           0.02 seconds
      cpu time            0.01 seconds




◀                                   III                                   ▶
📄 Output - (Untitled)  📄 Log - (Untitled)  📄 Editor - Untitled1  📄 Program Editor - (...
NOTE: Lines have been cleared.                        ⌨ C:\Users\NJusth
```

The variable F*WT* was not found in the dataset. Type **Pgm** on the Command line to return to the Program Editor. Type **Recall** on the Command line and the program statements will reappear in the window.

You can correct the error by entering FWRWT, the correct variable name, in the weight statement. Then, rerun the procedure.

The corrected program produces the following output.

The result of this process is Table 4.1.

Note that the TITLE statement defines the heading for each page. Titles of more than one line are entered as TITLE, TITLE2, etc.

```
                              Table 4.1
           Constructed Beneficiary Group by Gender for TNEX Region 3


--------------------------------------------------------------------------------
|                      |                      Beneficiary Group               |
|                      |-----------------------------------------------------|
|                      |        Active Duty <65        |  Family of Active <65 |
|                      |-------------------------------+---------------------- |
|                      |      Male or Female  - R  |   |    Male or Female  - R|
|                      |------------------------- |   |---------------------- |
|                      |    Male  |   Female  |  All  |   Male  |   Female  |
|----------------------+----------+-----------+-------+----------+---------- |
|Weight    |Mean  |    |          |           |       |          |          |
|without   |       |    |          |           |       |          |          |
```

```
|shoes     |          |      184.22|      145.78|      176.40|      178.67|      155.35|
|----------+----------+------------+------------+------------+------------+------------|
|In gnrl,  |Mean      |            |            |            |            |            |
|how would |          |            |            |            |            |            |
|you rate  |          |            |            |            |            |            |
|ovrall    |          |            |            |            |            |            |
|hlth      |          |        3.83|        3.77|        3.82|        3.88|        3.81|
------------------------------------------------------------------------------------
```

(Continued)

Table 4.1

Constructed Beneficiary Group by Gender for TNEX Region 3

		Beneficiary Group				
						Ret/Surv/Fam 65+
				Ret/Surv/Fam <65		
	Family of Active <65		Male or Female - R			Male or Female - R
		All	Male	Female	All	Male
Weight without shoes	Mean	156.66	203.76	162.55	179.49	184.95
In gnrl, how would you rate ovrall hlth	Mean	3.82	3.48	3.54	3.51	3.77

(Continued)

Table 4.1

Constructed Beneficiary Group by Gender for TNEX Region 3

		Beneficiary Group			
		Ret/Surv/Fam 65+			
		Male or Female - R			
		Female	All	All	
Weight without shoes	Mean	154.89	171.21	173.32	
In gnrl, how would you rate ovrall hlth	Mean	3.56	3.67	3.66	

Using Formats

The format library is the key to interpreting values of discrete variables. For example, in the program above, the format library found at C:\FILES\DoD\ADULT 2017\FMTLIB indicates that a Value of 1 for XSEXA means male, and a value of 2 for XSEXA means female. Similarly, if XBNFGRP equals 1, the respondent is Active Duty; if XBNFGRP equals 2, the respondent is a family member of Active Duty personnel; if XBNFGRP equals 3, the respondent is an under-65 retiree or a survivor or one of their family members; if XBNFGRP equals 4, the respondent is a 65-or-over retiree, survivor, or one of their family members.

Since formats are associated with the variables in the HCSDB, formatting is automatic as long as SAS can locate the format library. Error messages will result if the LIBNAME LIBRARY statement is not present. If the format library is not available for some reason, use the statement

FORMAT _ALL_;

within the PROC TABULATE to prevent SAS from searching for the missing format library. The default formats in the format library were used to produce the table described in the previous section.

Table Appearance

Format modifiers and temporary labels improve the appearance of a table. In Table 4.1, the values of the statistics are of the form xxx.xx. If each cell is defined to be six positions wide with two positions to the right of the decimal, there is adequate space to keep the table from looking crowded. This is done by crossing the statistic with the format modifier:

MEAN*F=6.2

Labels are attached to all variables in the HCSDB. You can use temporary labels to override the label within the SAS dataset. It is not always necessary to use both the variable label and the formatted values for each value of a class variable. In the previous example, the formatted values of XBNFGRP are Active Duty, family members of Active Duty, etc. which we know to be beneficiary groups; the title also tells you that these are beneficiary groups. The table can be made attractive by deleting the heading for XBNFGRP by including a blank for the temporary label:

XBNFGRP=' '

Similarly, because the statistic being reported here is a mean, you do not need MEAN on each row. You can add or eliminate a label and include a format modifier to the same variable:

MEAN=' '*F=6.2

The headings for XSEXA and ALL can be improved:

XSEXA='Gender'
ALL='Group Total' for the ALL that is crossed with XBNFGRP
ALL='Total' for the TNEX Region 3 total

The new program looks like this:

```
OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
```

```
PROC TABULATE DATA=IN.HCS171_1;
WHERE XTNEXREG = 3;   /* limit to TNEX Region 3  */
CLASS XBNFGRP XSEXA;
VAR H17072 H17065;
WEIGHT FWRWT;
TABLE (H17072 H17065)*MEAN=' '*F=6.2,    /* Row Dimension */
        /* Column Dimension */
        XBNFGRP=' '*(XSEXA='Gender' ALL='Group Total')
        ALL='Total';

TITLE "Table 4.2";
TITLE2 'Constructed Beneficiary Group by Gender for TNEX Region 3';
RUN;
```

Typing these statements into the Program Window produces the following screen.
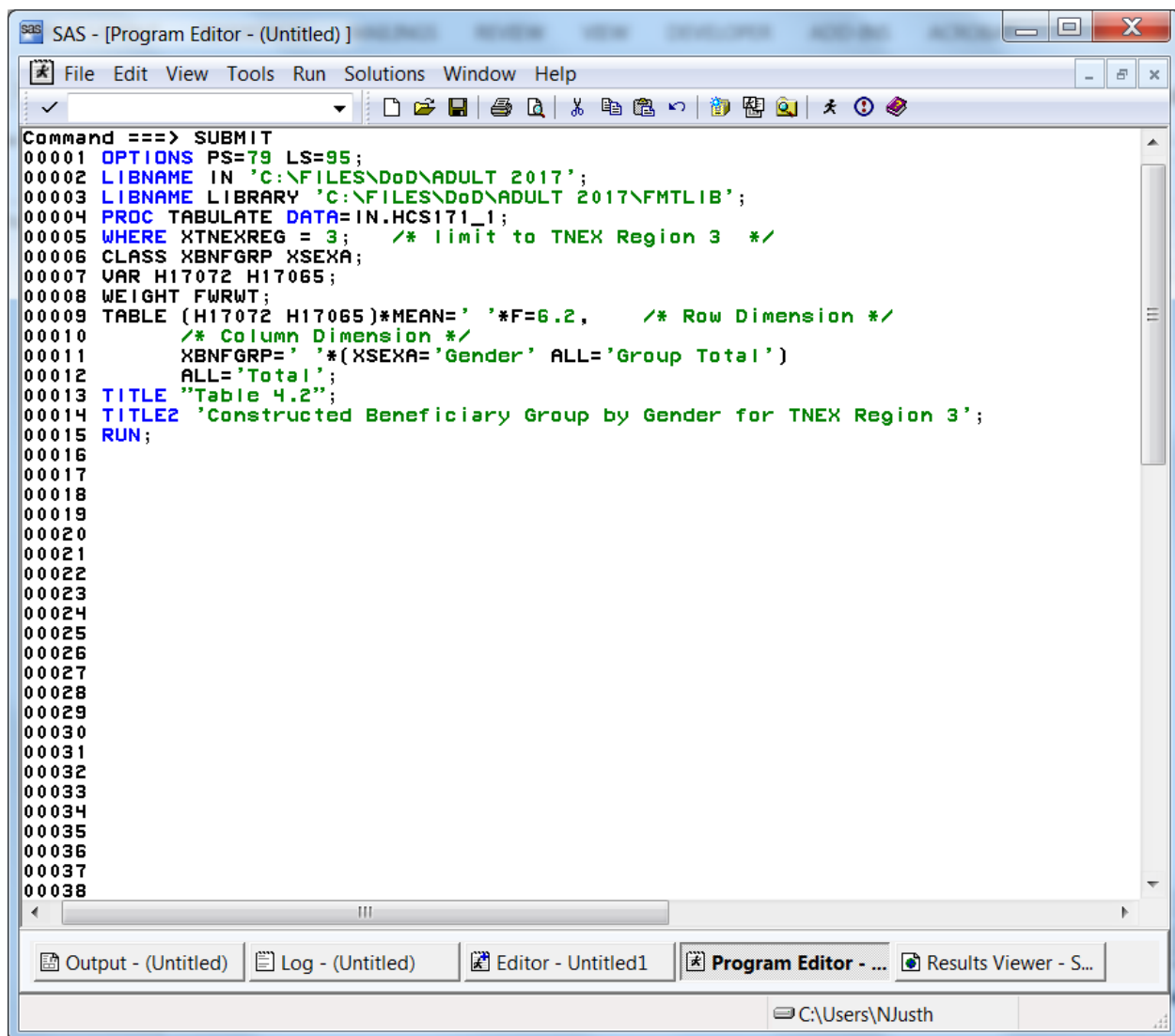
After the **Submit** command is entered, the following table is displayed in the Results Viewer window.

Table 4.2
Constructed Beneficiary Group by Gender for TNEX Region 3

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/Fam 65+		
	Gender		Group Total	Gender		Group Total	Gender		Group Total	Gender		Group Total
	Male	Female		Male	Female		Male	Female		Male	Female	
Weight without shoes	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95	154.89	171.21
In gnrl, how would you rate ovrall hlth	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77	3.56	3.67

The resulting output is in Table 4.2.

Table 4.2
Constructed Beneficiary Group by Gender for TNEX Region 3

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/Fam <65 | | | Ret/Surv/Fam 65+ |
| | Gender | | Group | Gender | | Group | Gender | | Group | Gender |
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male
Weight without shoes	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95
In gnrl, how would you rate ovrall hlth		3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77

(Continued)

Table 4.2
Constructed Beneficiary Group by Gender for TNEX Region 3

| | Ret/Surv/Fam 65+ | | |
| | Gender | Group | Total |
	Female	Total	
Weight without shoes	154.89	171.21	173.32
In gnrl, how would you rate ovrall hlth	3.56	3.67	3.66

Although the label for MEAN is deleted, there is still a space in the table for this label. You can eliminate this blank space by using the TABLE option of ROW=FLOAT. SAS row headings are automatically allocated; you can override this by using the TABLE option of RTS=n where n is an integer value specifying the number of print positions to be used for row headings. If you decide that we don't need the label 'Gender' for XSEXA because 'male' and 'female' are self-explanatory, the revised program is as follows:

```
OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
PROC TABULATE DATA=IN.HCS171_1;
```
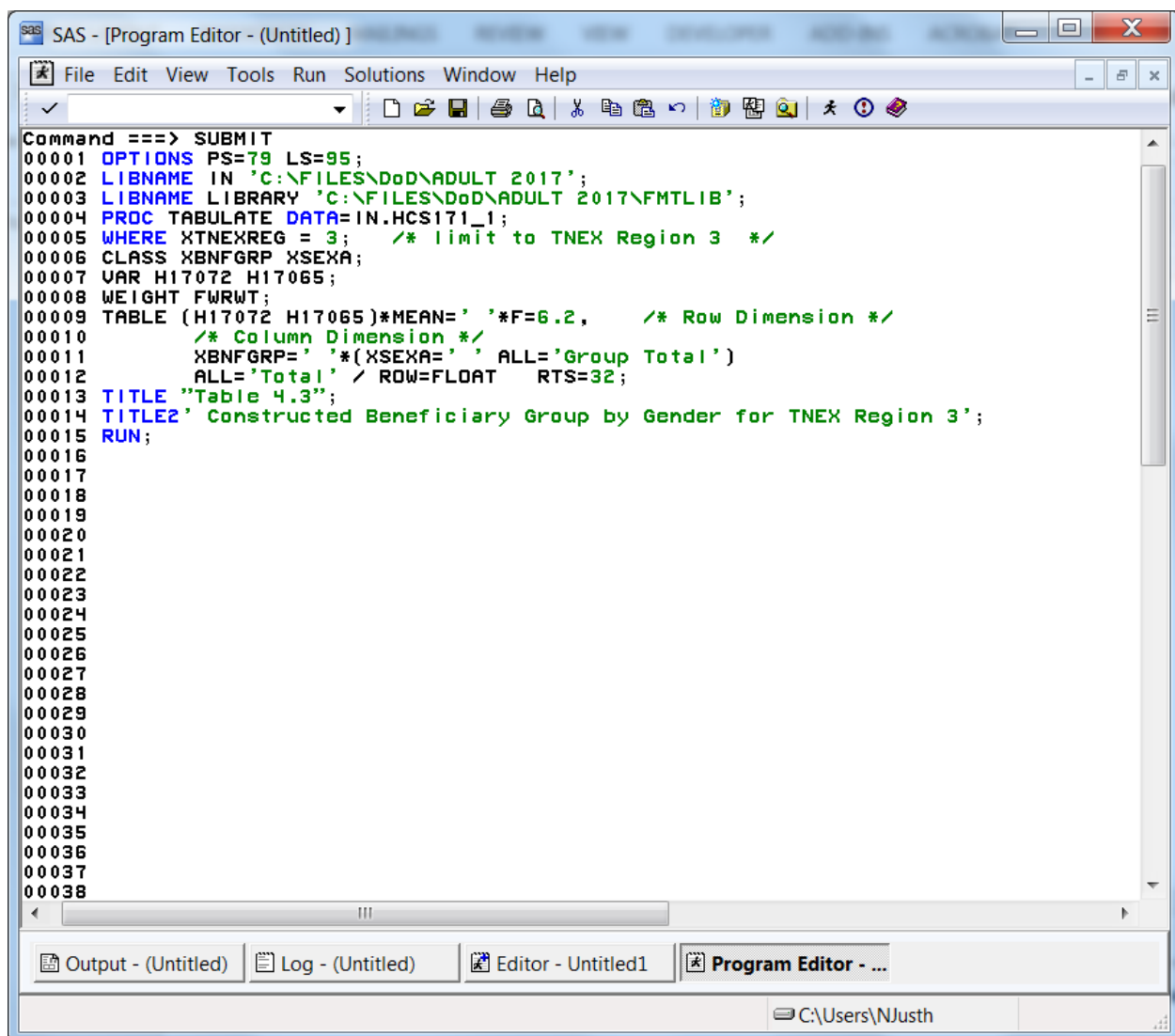
```
            WHERE XTNEXREG = 3;   /* limit to TNEX Region 3  */
            CLASS XBNFGRP XSEXA;
            VAR H17072 H17065;
            WEIGHT FWRWT;
            TABLE (H17072 H17065)*MEAN=' '*F=6.2,    /* Row Dimension */
            /* Column Dimension */
            XBNFGRP=' '*(XSEXA=' ' ALL='Group Total')
            ALL='Total' / ROW=FLOAT   RTS=32;
            TITLE "Table 4.3";
            TITLE2' Constructed Beneficiary Group by Gender for TNEX Region 3';
            RUN;
```

Typed into the Program Window, the revised program appears as follows.

```
SAS - [Program Editor - (Untitled) ]
 File   Edit   View   Tools   Run   Solutions   Window   Help
 ✓                            ▼
Command ===> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS171_1;
00005 WHERE XTNEXREG = 3;     /* limit to TNEX Region 3  */
00006 CLASS XBNFGRP XSEXA;
00007 VAR H17072 H17065;
00008 WEIGHT FWRWT;
00009 TABLE (H17072 H17065)*MEAN=' '*F=6.2,     /* Row Dimension */
00010        /* Column Dimension */
00011        XBNFGRP=' '*(XSEXA=' ' ALL='Group Total')
00012        ALL='Total' / ROW=FLOAT    RTS=32;
00013 TITLE "Table 4.3";
00014 TITLE2' Constructed Beneficiary Group by Gender for TNEX Region 3';
00015 RUN;
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```

| Output - (Untitled) | Log - (Untitled) | Editor - Untitled1 | **Program Editor - ...** |

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The output table is displayed in the Results Viewer Window as follows.

SAS - [Results Viewer - SAS Output]

File   Edit   View   Go   Tools   Solutions   Window   Help

Command ===>

Table 4.3
Constructed Beneficiary Group by Gender for TNEX Region 3

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/Fam 65+		
	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total
Weight without shoes	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95	154.89	171.21	1
In gnrl, how would you rate ovrall hlth	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77	3.56	3.67

Output - (Untitled)   Log - (Untitled)   Editor - Untitled1   Program Editor - (...   **Results Viewer - ...**

Done   C:\Users\NJusth

The result is Table 4.3.

```
                              Table 4.3
           Constructed Beneficiary Group by Gender for TNEX Region 3


---------------------------------------------------------------------------------------
|                            | Active Duty <65   |Family of Active <65|  Ret/Surv/Fam <65  |
|                            |-------------------+-------------------+-------------------|
|                            |      |      |Group |      |      |Group |      |      |Group |
|                            | Male |Female|Total | Male |Female|Total | Male |Female|Total |
|----------------------------+------+------+------+------+------+------+------+------+------|
|Weight without shoes        |184.22|145.78|176.40|178.67|155.35|156.66|203.76|162.55|179.49|
|----------------------------+------+------+------+------+------+------+------+------+------|
|In gnrl, how would you rate |      |      |      |      |      |      |      |      |      |
|ovrall hlth                 | 3.83 | 3.77 | 3.82 | 3.88 | 3.81 | 3.82 | 3.48 | 3.54 | 3.51 |
---------------------------------------------------------------------------------------

(Continued)
```
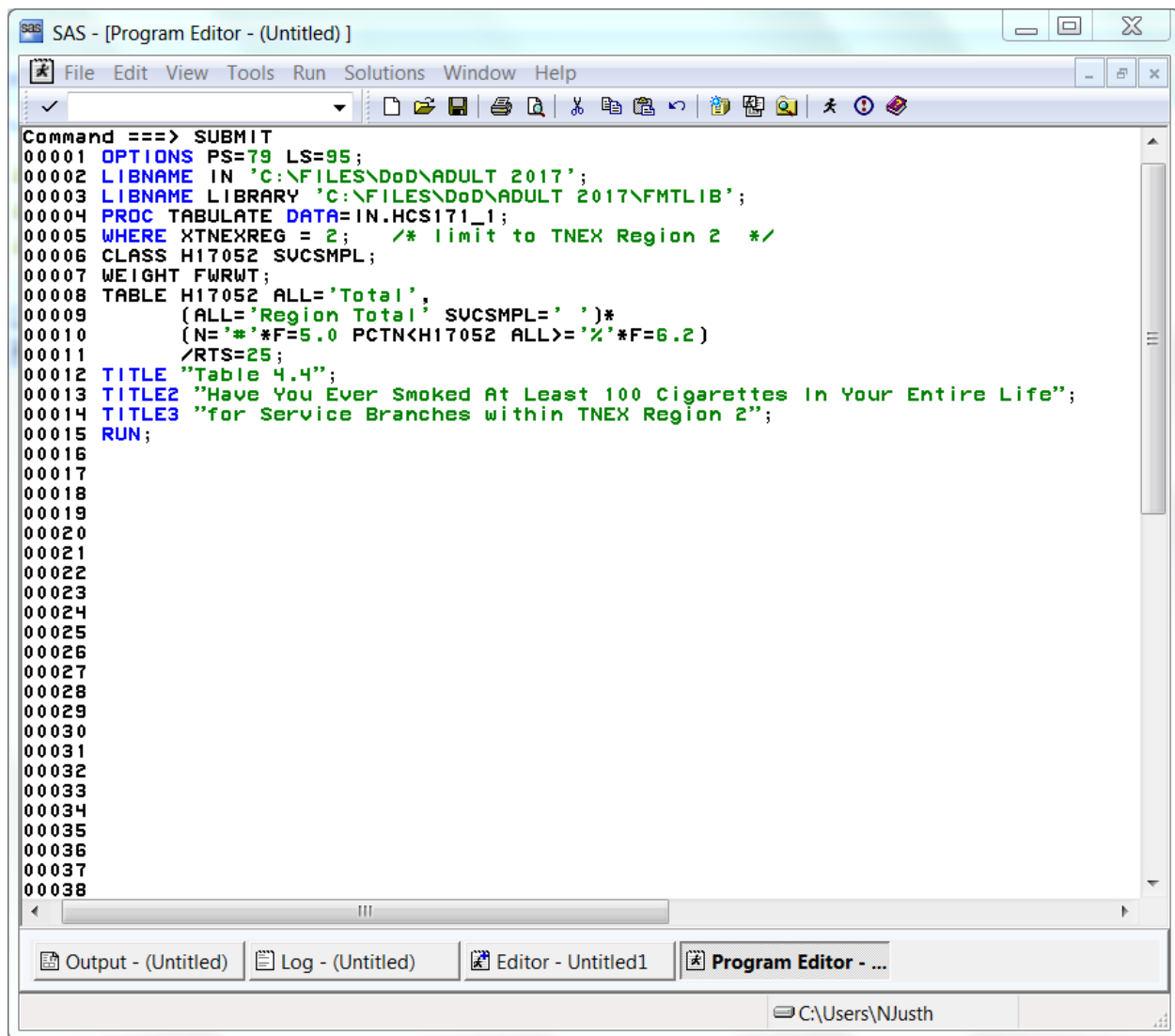
```
                              Table 4.3
           Constructed Beneficiary Group by Gender for TNEX Region 3

        ---------------------------------------------------------
        |                             |  Ret/Surv/Fam 65+  |     |
        |                             |--------------------|     |
        |                             |     |     |Group |     |
        |                             | Male |Female|Total |Total |
        |-----------------------------+------+------+------+------|
        |Weight without shoes         |184.95|154.89|171.21|173.32|
        |-----------------------------+------+------+------+------|
        |In gnrl, how would you rate  |     |     |     |     |
        |ovrall hlth                  |  3.77|  3.56|  3.67|  3.66|
        ---------------------------------------------------------
```

Calculating Percents

When calculating percentages, it is necessary to appropriately define the denominator. To calculate a column percentage, the denominator definition must include all *class* variables that define the *row*. For example, if you want to look at the percentage of people in region 2 and each branch of service who answered yes (or no) to variable H17052, 'Have you ever smoked at least 100 cigarettes in your entire life?', your TABLE statement in the TABULATE procedure would look like this:

WHERE XTNEXREG = 2;
TABLE H17052 ALL='Total',
(All='Region Total' SVCSMPL=' ')*(N='#'*F=5.0 PCTN<H17052 ALL>='%'*F=6.2)
/RTS=25;

Table 4.4 includes a program and its output for calculating column percentages.
The program statements in the Program Editor appear as follows.

```
SAS - [Program Editor - (Untitled) ]
File  Edit  View  Tools  Run  Solutions  Window  Help
✓
Command ===> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS171_1;
00005 WHERE XTNEXREG = 2;    /* limit to TNEX Region 2  */
00006 CLASS H17052 SVCSMPL;
00007 WEIGHT FWRWT;
00008 TABLE H17052 ALL='Total',
00009        (ALL='Region Total' SVCSMPL=' ')*
00010        (N='#'*F=5.0 PCTN<H17052 ALL>='%'*F=6.2)
00011        /RTS=25;
00012 TITLE "Table 4.4";
00013 TITLE2 "Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life";
00014 TITLE3 "for Service Branches within TNEX Region 2";
00015 RUN;
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Output - (Untitled)   Log - (Untitled)   Editor - Untitled1   Program Editor - ...
                                                          C:\Users\NJusth
```

The submitted statements produce the following output.

Table 4.4
Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
for Service Branches within TNEX Region 2

	Region Total		Army		Navy		Marine Corps		Air Force		Coast Guard		Other/Unknown	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Smoked at least 100 cigarettes in life														
Yes	797	31.29	237	30.50	130	34.85	36	33.96	362	30.27	32	41.56	.	.
No	1750	68.71	540	69.50	243	65.15	70	66.04	834	69.73	45	58.44	18	100.00
Total	2547	100.00	777	100.00	373	100.00	106	100.00	1196	100.00	77	100.00	18	100.00

```
                               Table 4.4
            Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
                    for Service Branches within TNEX Region 2


--------------------------------------------------------------------------------
|                     |Region Total|    Army    |    Navy    |Marine Corps| Air Force  |
|                     |------------+------------+------------+------------+------------|
|                     | #  |  %    | #  |  %    | #  |  %    | #  |  %    | #  |  %    |
|---------------------+-----+------+-----+------+-----+------+-----+------+-----+------|
|Smoked at least 100  |    |       |    |       |    |       |    |       |    |       |
|cigarettes in life   |    |       |    |       |    |       |    |       |    |       |
|---------------------|    |       |    |       |    |       |    |       |    |       |
|Yes                  |  797| 31.29|  237| 30.50|  130| 34.85|   36| 33.96|  362| 30.27|
|---------------------+-----+------+-----+------+-----+------+-----+------+-----+------|
|No                   | 1750| 68.71|  540| 69.50|  243| 65.15|   70| 66.04|  834| 69.73|
|---------------------+-----+------+-----+------+-----+------+-----+------+-----+------|
|Total                | 2547|100.00|  777|100.00|  373|100.00|  106|100.00| 1196|100.00|
--------------------------------------------------------------------------------

(Continued)
```

```
                              Table 4.4
          Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
                  for Service Branches within TNEX Region 2


          ----------------------------------------------------
          |                       |              |Other/Unkno-|
          |                       |Coast Guard |     wn     |
          |                       |------------+------------|
          |                       | #  |  %   | #  |  %   |
          |-----------------------+-----+------+-----+------|
          |Smoked at least 100    |    |      |    |      |
          |cigarettes in life     |    |      |    |      |
          |-----------------------|    |      |    |      |
          |Yes                    | 32| 41.56|   .|    .|
          |-----------------------+-----+------+-----+------|
          |No                     | 45| 58.44|  18|100.00|
          |-----------------------+-----+------+-----+------|
          |Total                  | 77|100.00|  18|100.00|
          ----------------------------------------------------
```
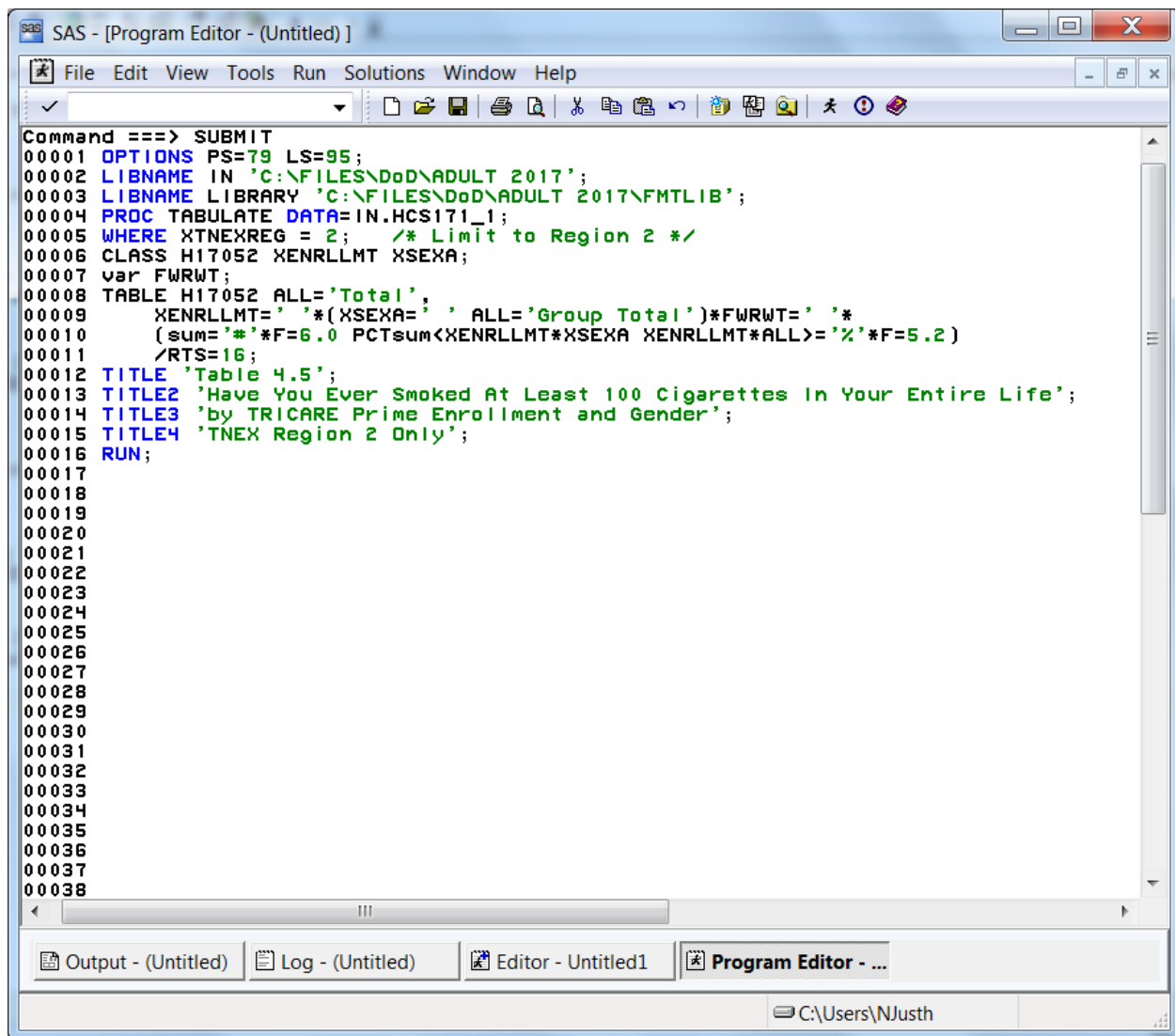
The statistic N(#) is included with PCTN to make it easier to verify that the denominator definitions have been set up properly. After you check to see that the percentages are accurate, the N statistic can be removed. Note that the output for Table 4.4 is unweighted. The N statistic (and PCTN statistic) is always unweighted even if a WEIGHT statement is included.

Similarly, if you want to look at the percentage of TRICARE enrollees (and non-enrollees) by gender who report having smoked at least 100 cigarettes in their lifetime, this would be a row percentage. To calculate a row percentage, the denominator definition must include all *class* variables that define the c*olumn*. Your TABLE statement would look like this:

TABLE H17052 ALL='Total',
XENRLLMT *(XSEXA=' ' All='Group Total')*
PCTN<XENRLLMT*XSEXA XENRLLMT*ALL>='Percent';

Notice that there are no parentheses used in the denominator definition. Because parenthetical groupings are not allowed in the denominator definition, all crossings and concatenations must be included. As noted above, the N and PCTN statistic are unweighted counts of CLASS variables. If you want to produce a weighted count and percentage for this table, you would include FWRWT (the 2017 quarterly weight variable) as an analysis variable in the VAR statement and in the column crossing of the TABLE statement; the statistics to be generated should be specified as SUM and PCTSUM. A program and output to demonstrate weighted row percentages appears in Table 4.5.

The following screen shows the new program typed into the Program Editor.

```
Command ===> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2017';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2017\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS171_1;
00005 WHERE XTNEXREG = 2;    /* Limit to Region 2 */
00006 CLASS H17052 XENRLLMT XSEXA;
00007 var FWRWT;
00008 TABLE H17052 ALL='Total',
00009      XENRLLMT=' '*(XSEXA=' ' ALL='Group Total')*FWRWT=' '*
00010      (sum='#'*F=6.0 PCTsum<XENRLLMT*XSEXA XENRLLMT*ALL>='%'*F=5.2)
00011      /RTS=16;
00012 TITLE 'Table 4.5';
00013 TITLE2 'Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life';
00014 TITLE3 'by TRICARE Prime Enrollment and Gender';
00015 TITLE4 'TNEX Region 2 Only';
00016 RUN;
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```

Output - (Untitled)   Log - (Untitled)   Editor - Untitled1   **Program Editor - ...**

C:\Users\NJusth

These commands produce the following output.

SAS - [Results Viewer - SAS Output]

File   Edit   View   Go   Tools   Solutions   Window   Help

Command ===>

Table 4.5
Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
by TRICARE Prime Enrollment and Gender
TNEX Region 2 Only

	Active Duty - under 65						Enrolled - under 65						Ma
	Male		Female		Group Total		Male		Female		Group Total		
	#	%	#	%	#	%	#	%	#	%	#	%	#
Smoked at least 100 cigarettes in life													
Yes	62850	7.79	12575	1.56	75425	9.34	103690	12.84	128357	15.90	232046	28.74	33476
No	174470	11.58	35960	2.39	210430	13.97	140710	9.34	357076	23.71	497786	33.05	151719
Total	237320	10.26	48535	2.10	285855	12.36	244399	10.56	485433	20.98	729832	31.55	185195

Output - (Untitled)   Log - (Untitled)   Editor - Untitled1   Program Editor - (...   **Results Viewer - ...**

Done   C:\Users\NJusth

Here, as above, the SUM statistic is included to help determine the accuracy of the denominator definition.

Additional information about running SAS is available from the SAS Institute. Please consult the appropriate manuals for more detailed information.

See Table 4.5 to view the entire table.

```
                              Table 4.5
         Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
                  by TRICARE Prime Enrollment and Gender
                          TNEX Region 2 Only
```

	Active Duty - under 65						Enrolled - under 65					
	Male		Female		Group Total		Male		Female		Group Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Smoked at least 100 cigarettes in life												
Yes	62850	7.79	12575	1.56	75425	9.34	103690	12.84	128357	15.90	232046	28.74
No	174470	11.58	35960	2.39	210430	13.97	140710	9.34	357076	23.71	497786	33.05
Total	237320	10.26	48535	2.10	285855	12.36	244399	10.56	485433	20.98	729832	31.55

(Continued)

```
                              Table 4.5
         Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
                  by TRICARE Prime Enrollment and Gender
                          TNEX Region 2 Only
```

	Not enrolled - under 65						Not enrolled - 65 or over					
	Male		Female		Group Total		Male		Female		Group Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Smoked at least 100 cigarettes in life												
Yes	33476	4.15	86810	10.75	120286	14.90	264705	32.79	89895	11.14	354601	43.92
No	151719	10.07	203825	13.53	355544	23.61	143364	9.52	267882	17.79	411246	27.30
Total	185195	8.01	290635	12.56	475830	20.57	408070	17.64	357777	15.46	765847	33.10

(Continued)

```
                             Table 4.5
        Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life
                   by TRICARE Prime Enrollment and Gender
                          TNEX Region 2 Only


         ----------------------------------------------------------
         |             |           Enrolled - 65 or over          |
         |             |------------------------------------------|
         |             |    Male    |   Female   |Group Total |
         |             |------------+------------+------------|
         |             | #   | %    | #    | %   | #    | %    |
         |-------------+------+-----+------+-----+------+-----|
         |Smoked at    |      |     |      |     |      |     |
         |least 100    |      |     |      |     |      |     |
         |cigarettes in|      |     |      |     |      |     |
         |life         |      |     |      |     |      |     |
         |-------------|      |     |      |     |      |     |
         |Yes          | 24931| 3.09|    .|    .| 24931| 3.09|
         |-------------+------+-----+------+-----+------+-----|
         |No           | 18709| 1.24| 12465| 0.83| 31175| 2.07|
         |-------------+------+-----+------+-----+------+-----|
         |Total        | 43640| 1.89| 12465| 0.54| 56106| 2.43|
         ----------------------------------------------------------
```

HOW TO MAKE A TABLE USING SPSS

The Quarter I, 2017 Adult HCSDB dataset is available in an SPSS format. SPSS is a computer software system used for data management, summarization, and analysis. SPSS can be run interactively, using menus, or in batch mode, using syntax commands. This guide instructs users on how to use SPSS dialog boxes to:

- Construct new variables

- Recode existing variables

- Select cases for analysis

- Weight cases for analysis

- Create customized tables

As you use the dialog boxes, you generate syntax automatically. This syntax may be pasted into a syntax file for future use or for modification.

Locating and opening the data file

To begin an SPSS session, double click on the SPSS icon on your desktop. The Data Editor window will open and present a spreadsheet with a dialog box. Click Cancel in the bottom right corner to close the dialog box and a blank spreadsheet will appear:
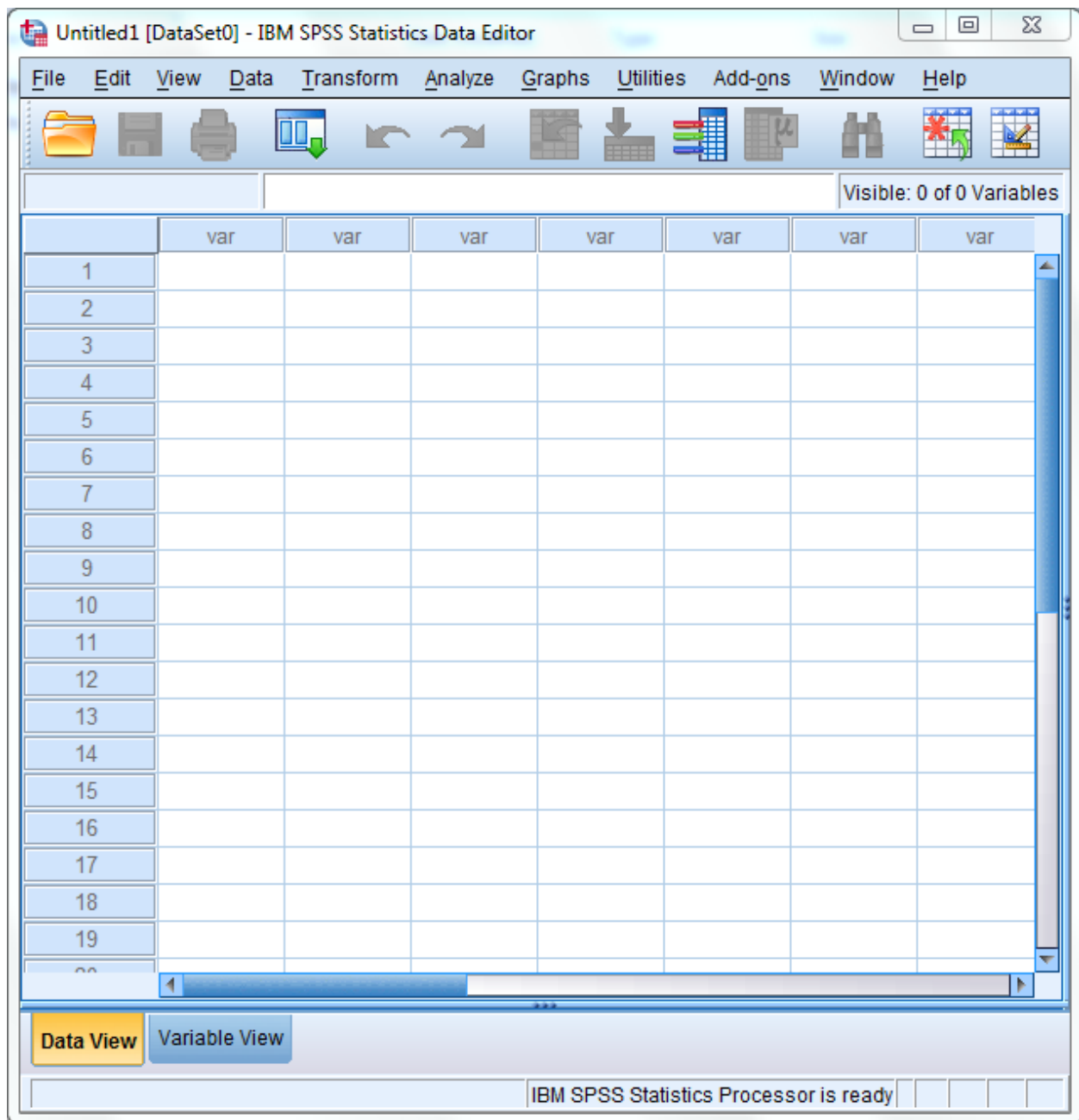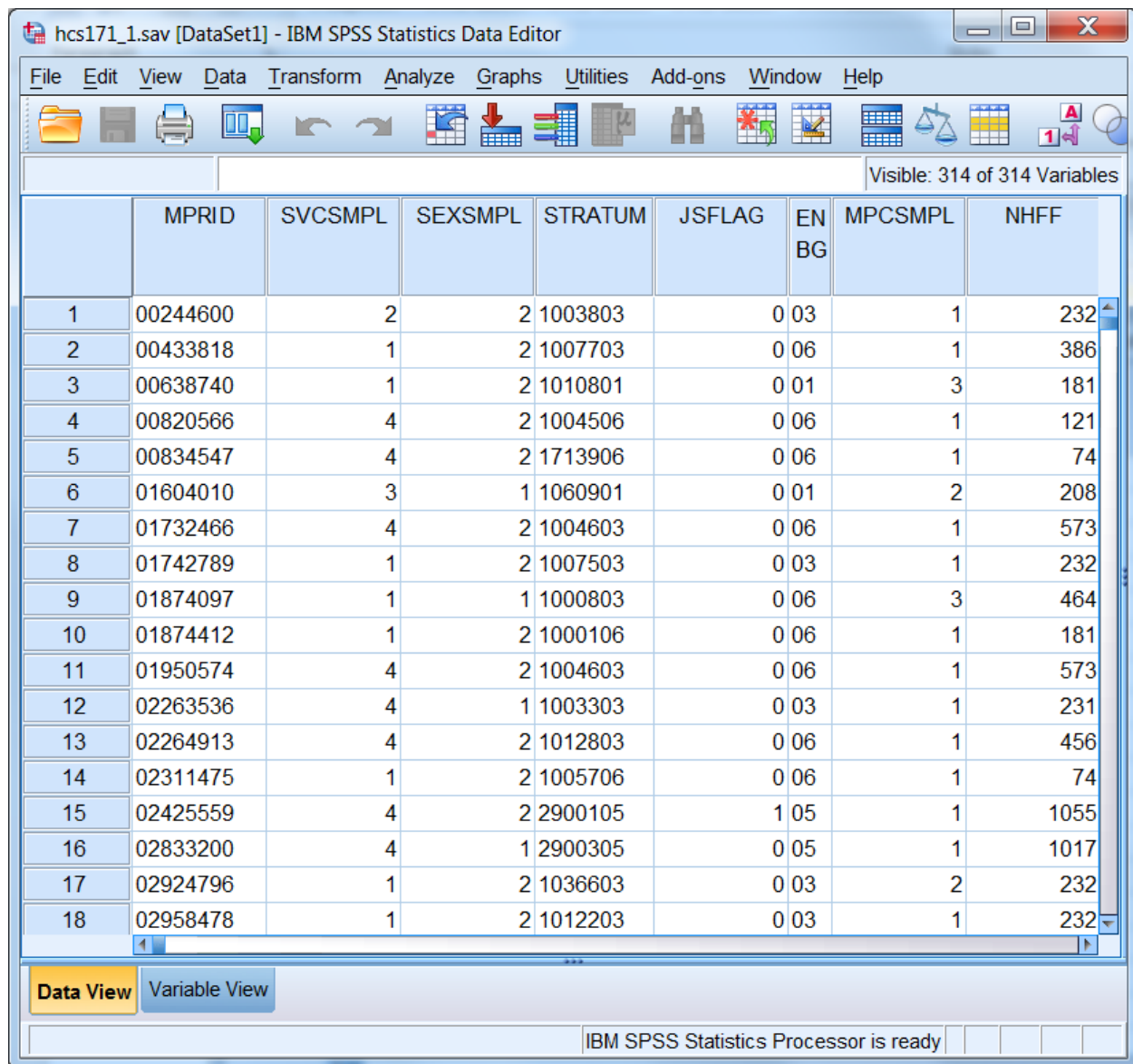
Click on File in the upper left corner to open the following menu:
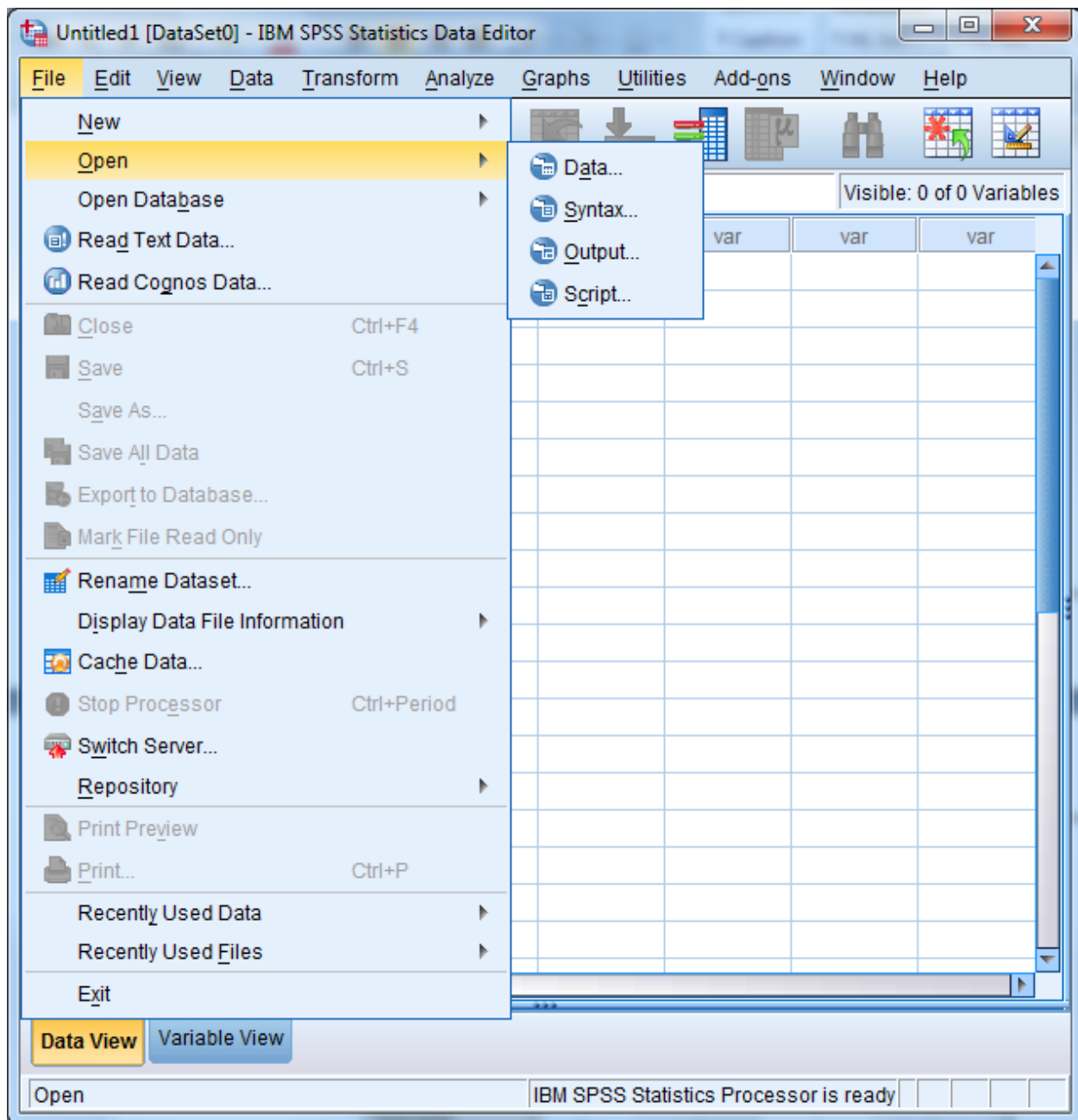
Select the **Open** option or choose a file from the list displayed. **Open** and **data** produces the following screen:
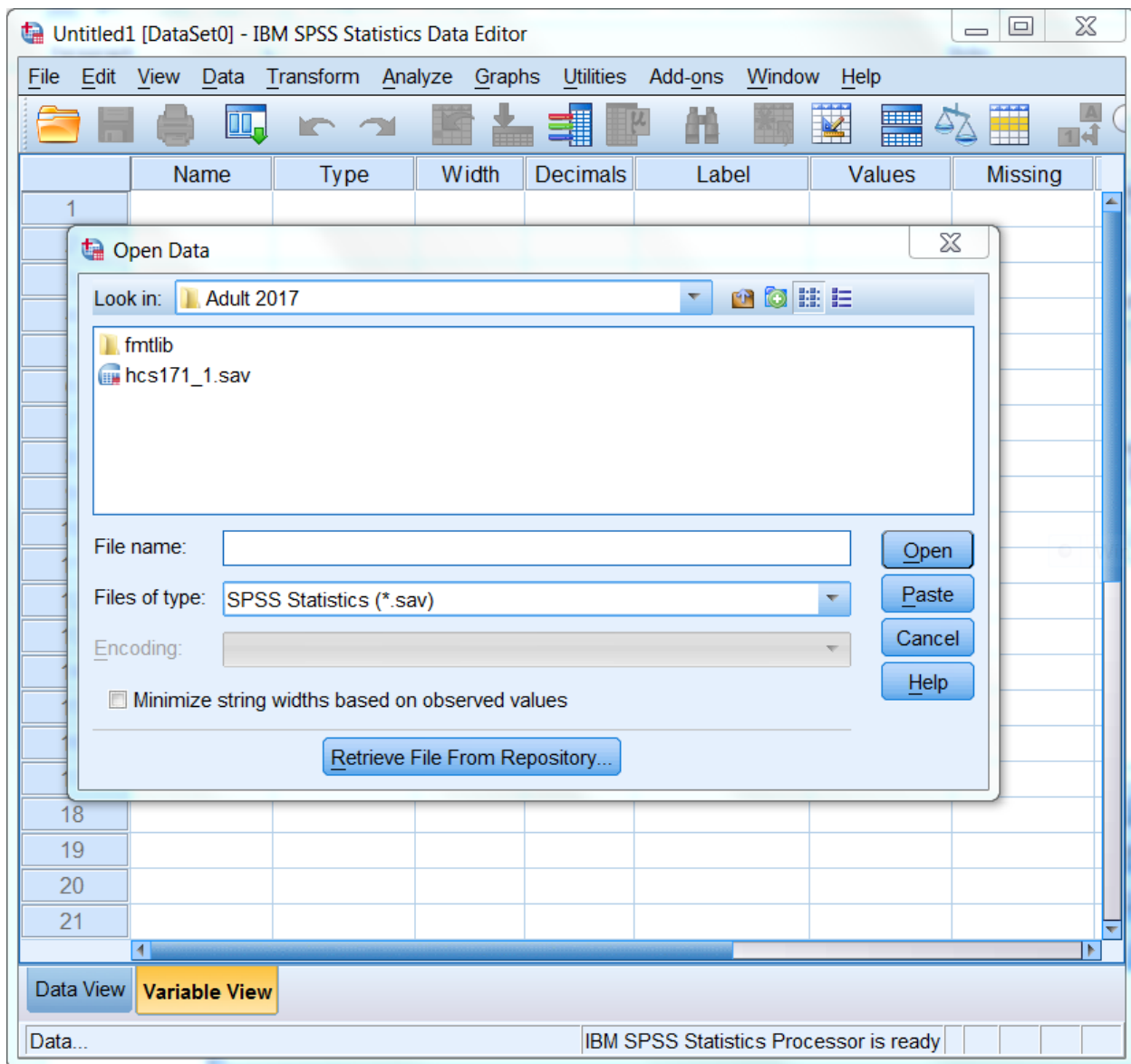
If the file is not in this directory, navigate through your folders until you locate it. Mark the file and click **Open**. You will be returned to the spreadsheet Data Editor with the file on view. The Quarter I, 2017 Adult HCSDB dataset has been opened and is displayed below.

	MPRID	SVCSMPL	SEXSMPL	STRATUM	JSFLAG	EN BG	MPCSMPL	NHFF
1	00244600	2	2	1003803	0	03	1	232
2	00433818	1	2	1007703	0	06	1	386
3	00638740	1	2	1010801	0	01	3	181
4	00820566	4	2	1004506	0	06	1	121
5	00834547	4	2	1713906	0	06	1	74
6	01604010	3	1	1060901	0	01	2	208
7	01732466	4	2	1004603	0	06	1	573
8	01742789	1	2	1007503	0	03	1	232
9	01874097	1	1	1000803	0	06	3	464
10	01874412	1	2	1000106	0	06	1	181
11	01950574	4	2	1004603	0	06	1	573
12	02263536	4	1	1003303	0	03	1	231
13	02264913	4	2	1012803	0	06	1	456
14	02311475	1	2	1005706	0	06	1	74
15	02425559	4	2	2900105	1	05	1	1055
16	02833200	4	1	2900305	0	05	1	1017
17	02924796	1	2	1036603	0	03	2	232
18	02958478	1	2	1012203	0	03	1	232

Constructing new variables

Data can be evaluated from many different aspects. It is sometimes useful to build new variables from combinations of the existing ones and to examine their distributions.

For example, the variable in the file for beneficiary group at the time of sampling is called xbnfgrp, and the variable for sex is xsexa. The value 1 for xbnfgrp indicates that the individual is on Active Duty. The relationships for constructing a new variable of Active Duty by sex are:

Active-Duty-males: ***XSEXA=1 and XBNFGRP=1***

Active-Duty-females: ***XSEXA=2 and XBNFGRP=1***

Open the Transform menu and select Compute Variable as in the following:

The following dialog box will open:

You can build the new variable in two steps to express the two conditions. The first task is to give the new variable a name and its first value. Enter the Target Variable slot and name the new variable sex_ad. Next, assign the value 1 to sex_ad by entering it into the slot for Numeric Expression. Your screen should look like the following:
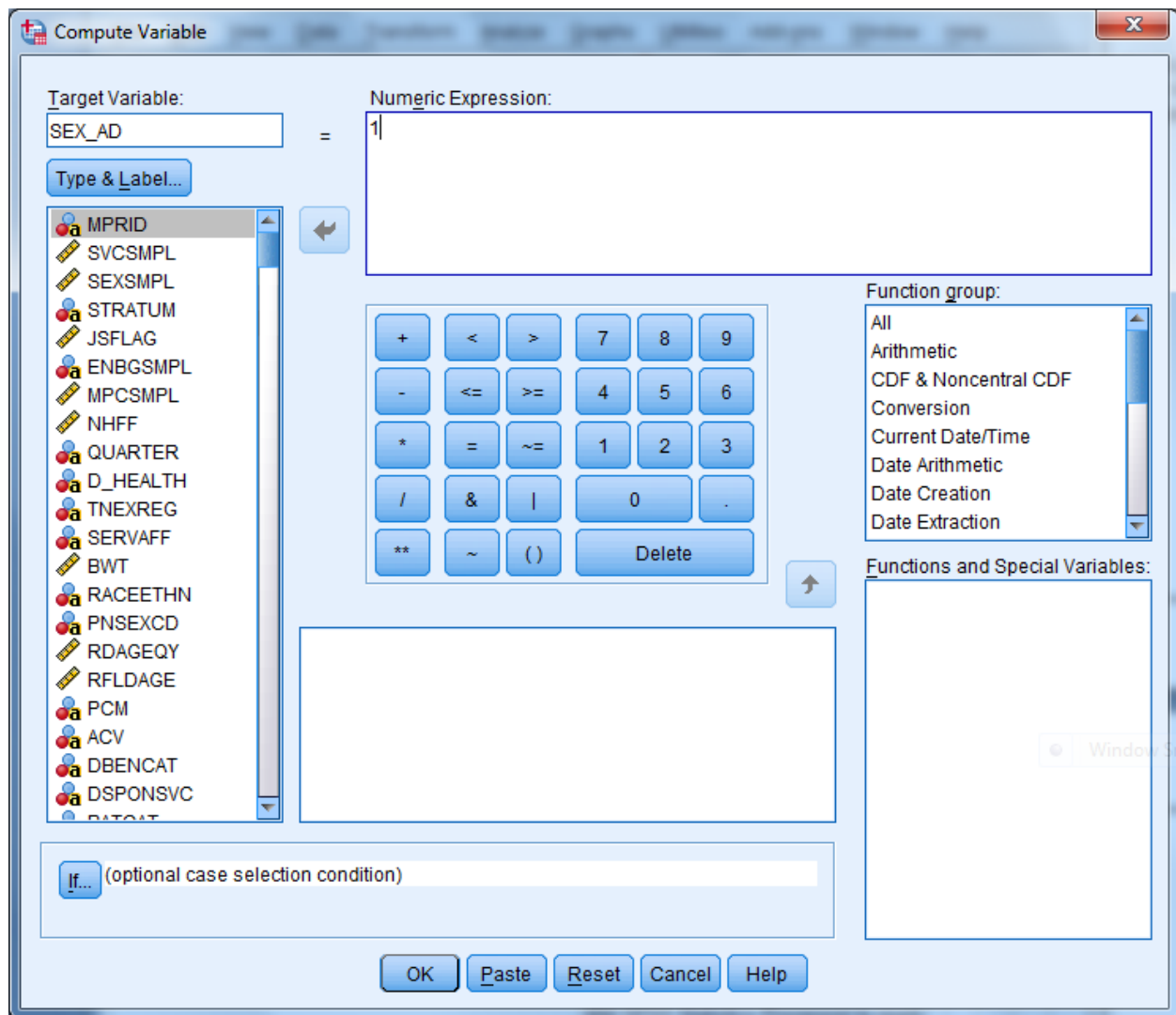
Once you we have assigned the value 1 to sex_ad, you can build the condition that qualifies the assignment. Click on If and open the following dialog box:

Click on the circle indicating Include if case satisfies condition, and the black dot will move to that circle. The slot underneath will open, ready for your input. Build the "if" condition. Write it directly into the slot or move the elements into the slot from the given options. Add the elements xsexa = 1 & xbnfgrp = 1.
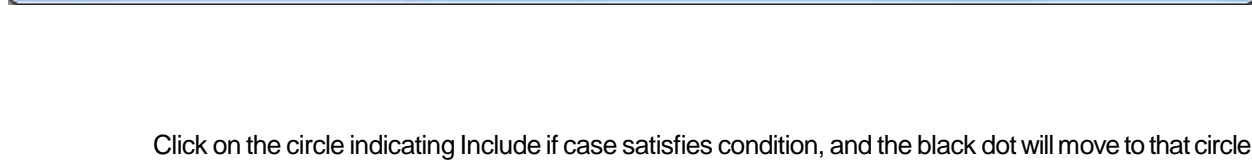
The screen should resemble the following:
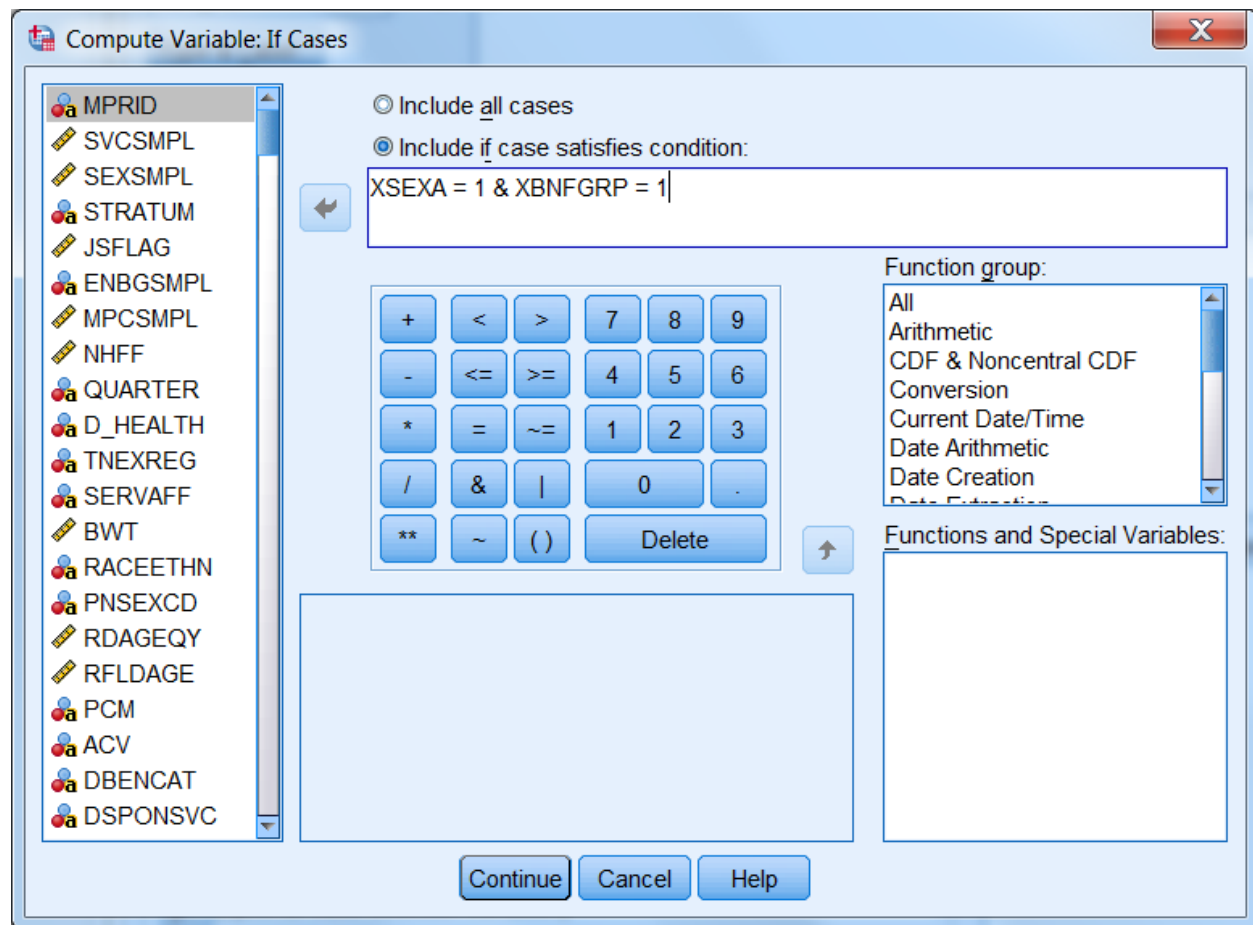
Click on Continue and return to the previous screen, which will now look like this:
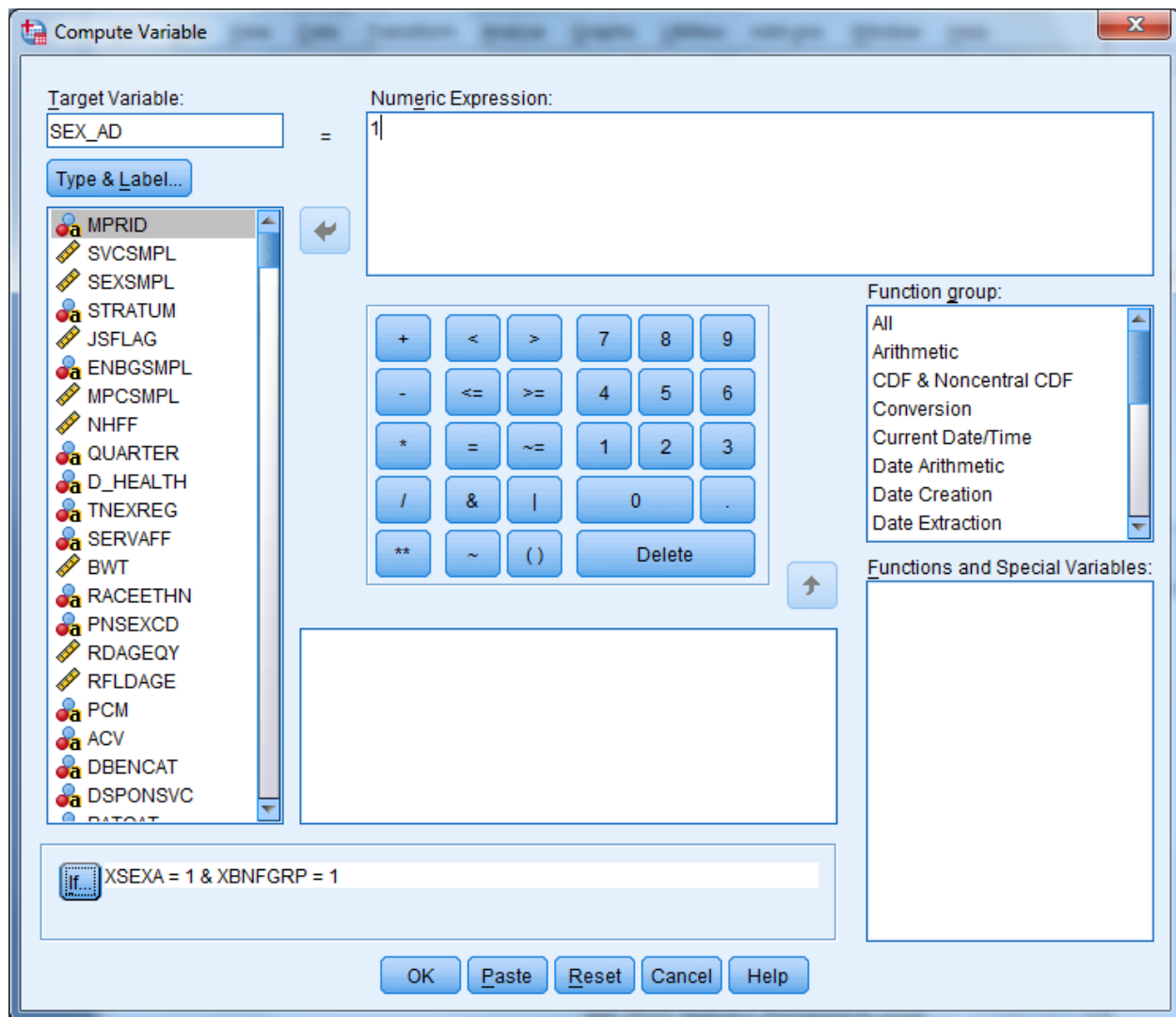
Your condition will be written next to the If button. Click on OK to exit the dialog box, and the variable sex_ad will be created with its value set to 1.

The next step is to build the second condition for the new variable, which will set it to the value 2. Reopen the Compute dialog box. The commands you just gave still appear in the dialog box. Simply assign the value 2 to sex_ad, press If, and enter the new condition to identify Active Duty females. Click Continue, and finish with OK. The condition, if xsexa = 2 and xbnfgrp = 1, will be added to the new variable sex_ad.

Once you have created a new variable, you may want to add it permanently to the dataset. The new variable is computed for each case in the file and added to the view in the Data Window after the last variable in the dataset. The variable name is the column heading.

Since the HCSDB data set carries Read-Only status to protect it from corruption, changes to it cannot be saved. At the end of the day, when the work session ends and you exit SPSS, the file will revert to its former status and the new variables will be lost. The solution is to save the dataset under a new name when you exit. Choose the Save As option on the File menu, and you will be prompted to name the file and to save it in a folder of your choosing. Give the file a new name and save it. Open the new expanded file anytime for processing.

Suppose you do not want to use up your disk space for expanded copies of the dataset. Another option is to save the syntax you have generated in a file that can be run as it is needed. Syntax is a written instruction generated by the commands you give in a dialog box. These "sentences" can be saved in a file and executed when needed. This is the batch mode of processing syntax commands. Syntax files take up very little space.

Experienced SPSS programmers, who have mastered SPSS syntax, often prefer to work only in batch mode. This option is available to users who have not mastered the syntax language. You can paste the commands, generated interactively in the dialog box, onto a syntax file.

Recall the compute example for the new variable sex_ad. The screen below is the result of assigning 1 to sex_ad according to an If condition. You clicked on OK to set the value. Returning to the screen and clicking on Paste writes the command to a syntax file.
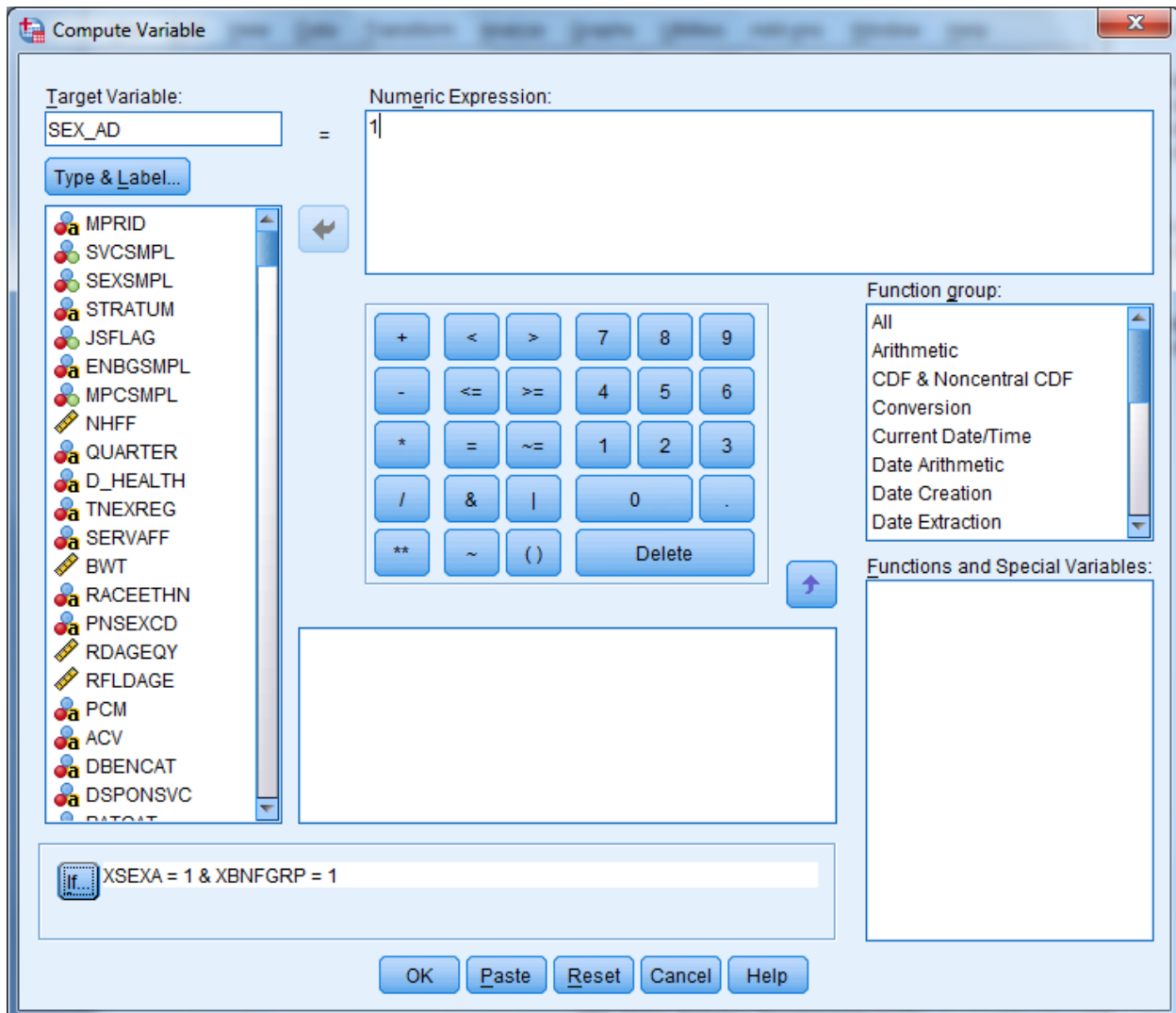
Click on the Paste button. A dialog box that says "Change existing variable?" will pop up. Click on OK, and the syntax window below will open with the syntax written in it.
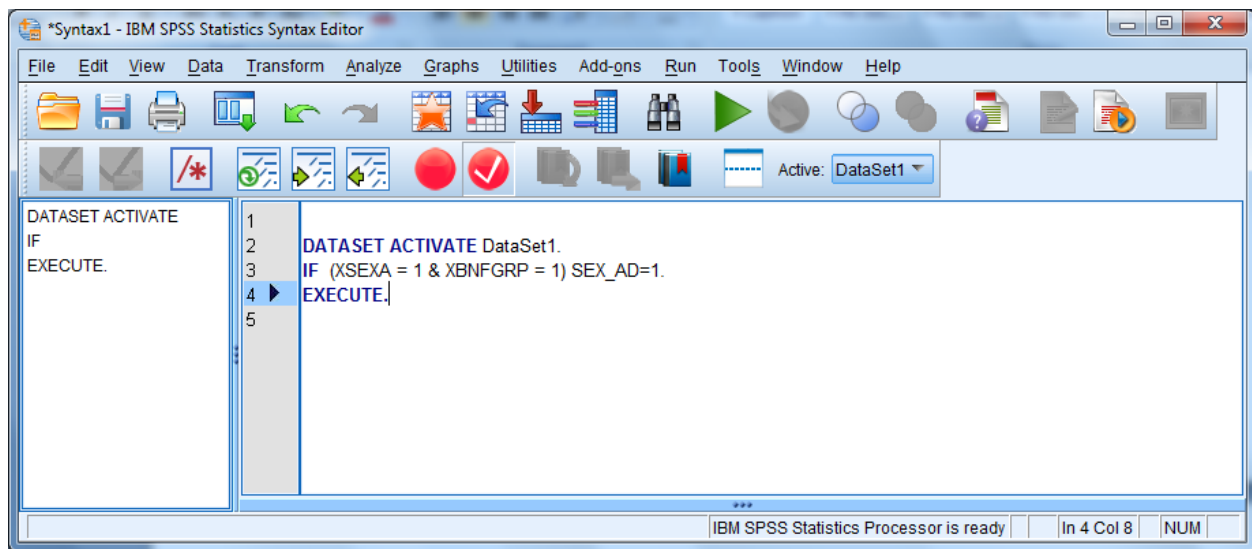
Now return to the compute dialog box.
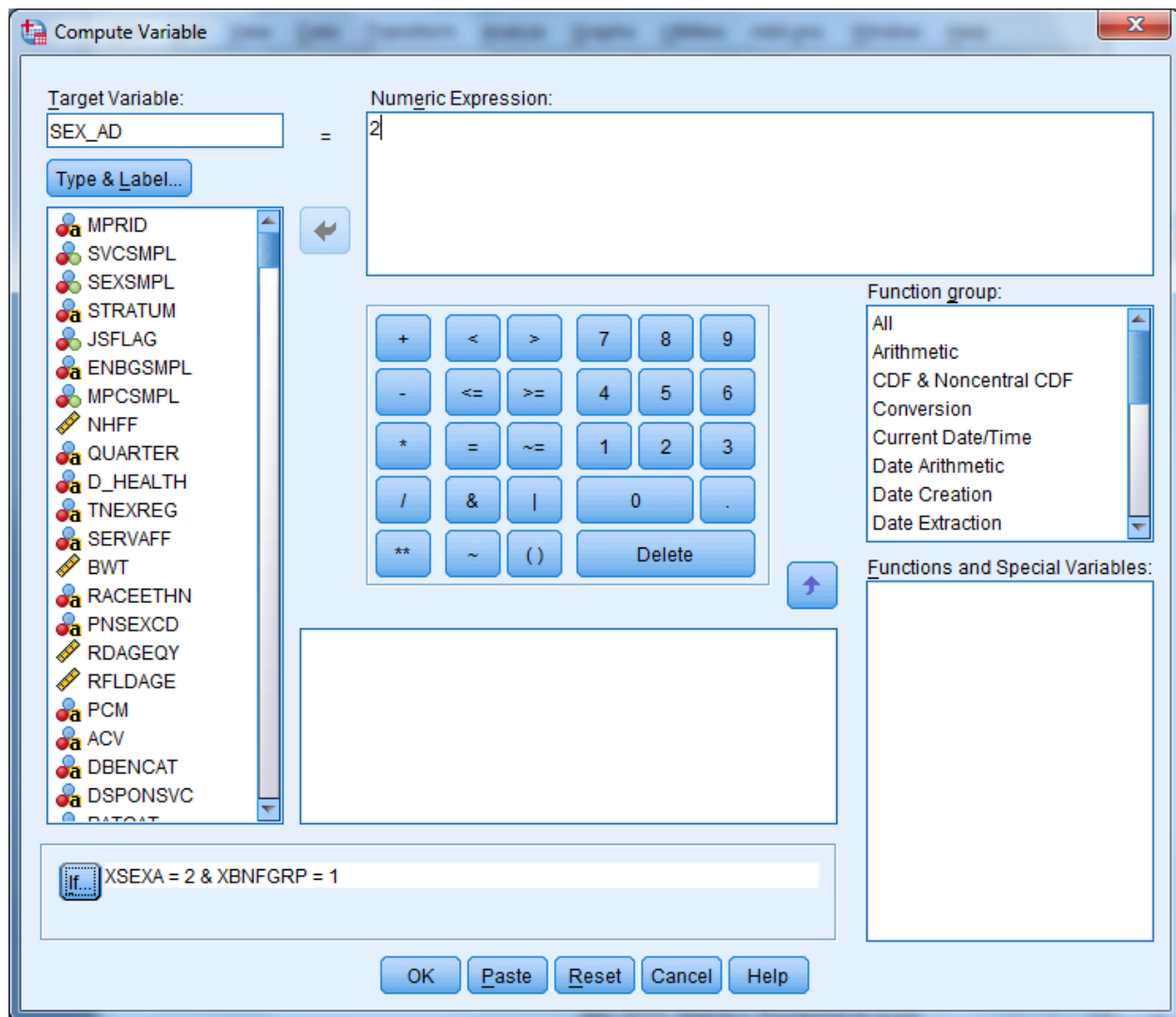
Assign the value **2** to **sex_ad** and build the **"if"** condition as in the diagram above. Select **Paste,** and these commands will be appended to the syntax file.
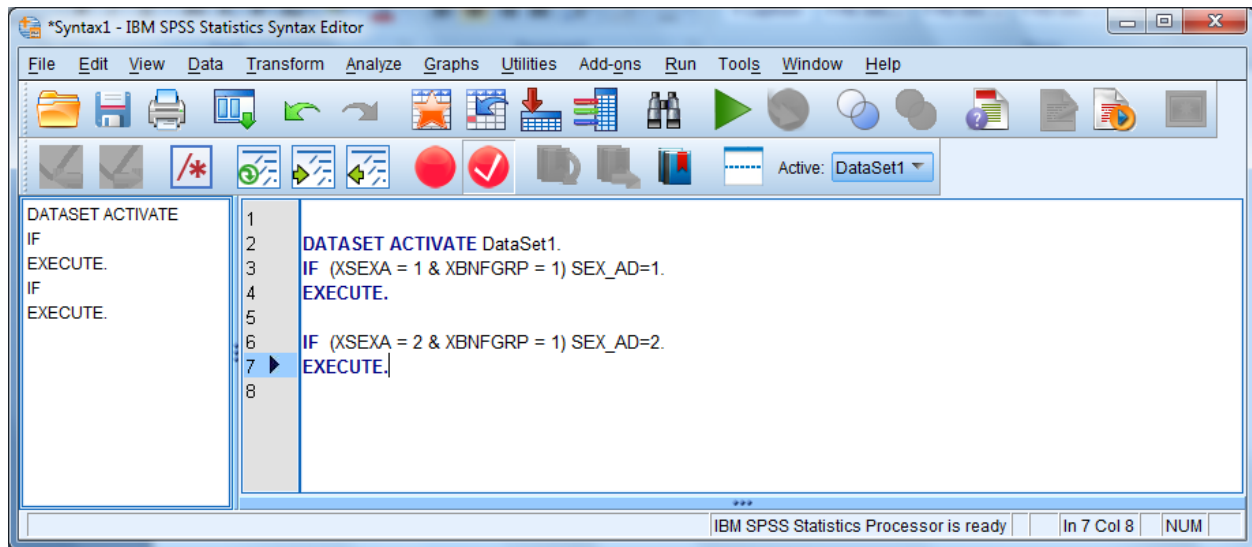
The results appear in the screen above. SPSS gives default names to syntax files, such as Syntax1, Syntax2, etc., as they are created. It is a good idea to save the syntax, re-naming the file using the **Save As** option on the **File** menu. Use a name that has some meaning to you, e.g., **New_computes**. The file will automatically receive the suffix .**sps**.

Another option for adding new variables to the dataset is to **Recode** existing variables **into** new variables. A common example involves **grouping** an age variable into age categories as shown below, using the variable **RFLDAGE,** which exists on our dataset. **RFLDAGE** is coded in years from 18 to 86, which can be grouped into four age categories:

18 to 34 = 1 - label: "young adult"

35 to 49 = 2 - label: "mature adult"

50 to 65 = 3 – label: "middle-age"

66 to 86 = 4 – label: "senior citizen"

The new variable is called **age_grp.**

From the **Transform** menu, choose **Recode Into Different Variables** as pictured below:

The following dialog box will open:

Move **RFLDAGE** from the variable list on the left to the box labeled **Input Variable -> Output Variable**. In the **Name** slot, enter the new variable name **age_grp**. Enter **Age Categories**, the variable label, in the **Label** slot. Click on **Change**. The dialog box should look like the one below.
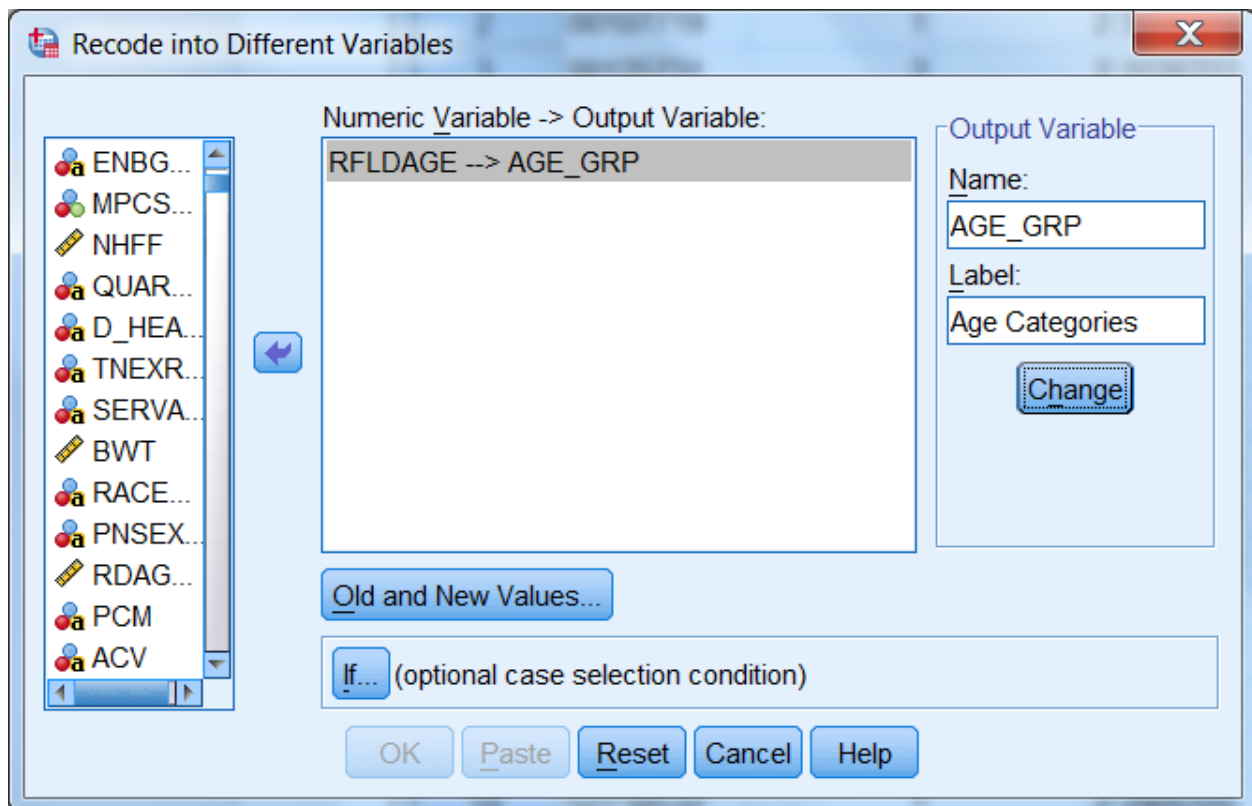
Click on Old and New Values, and the following dialog box will open:
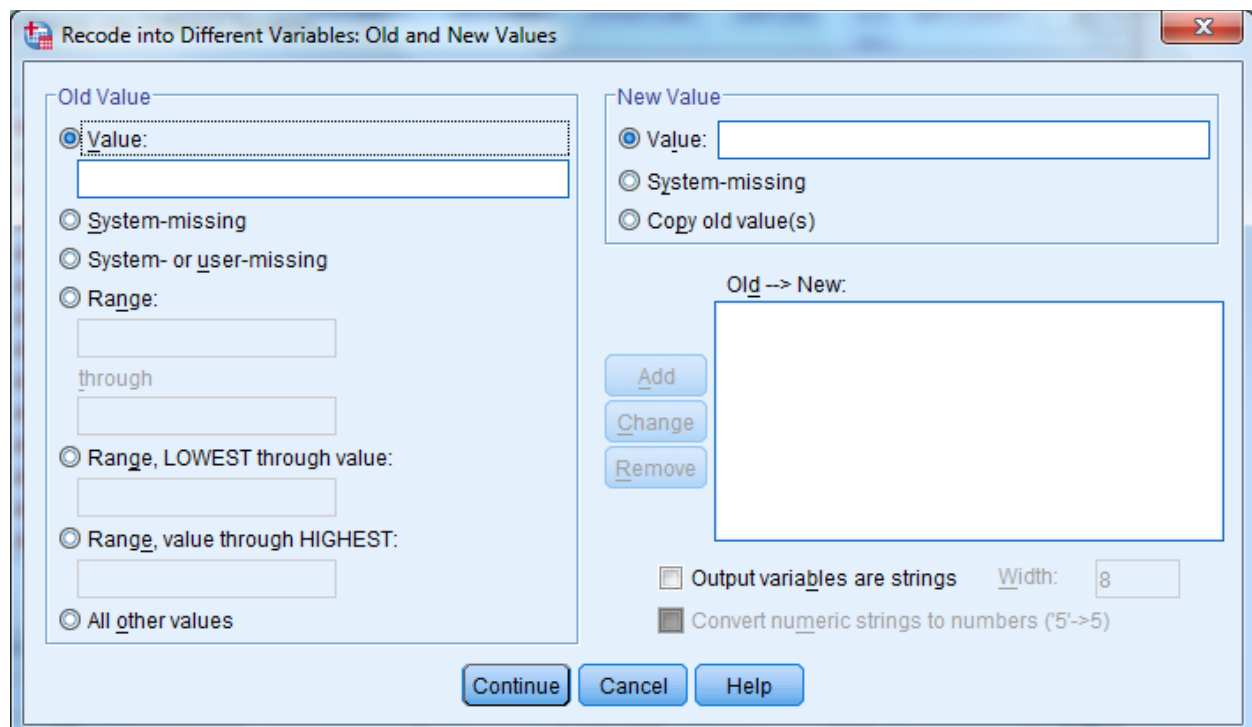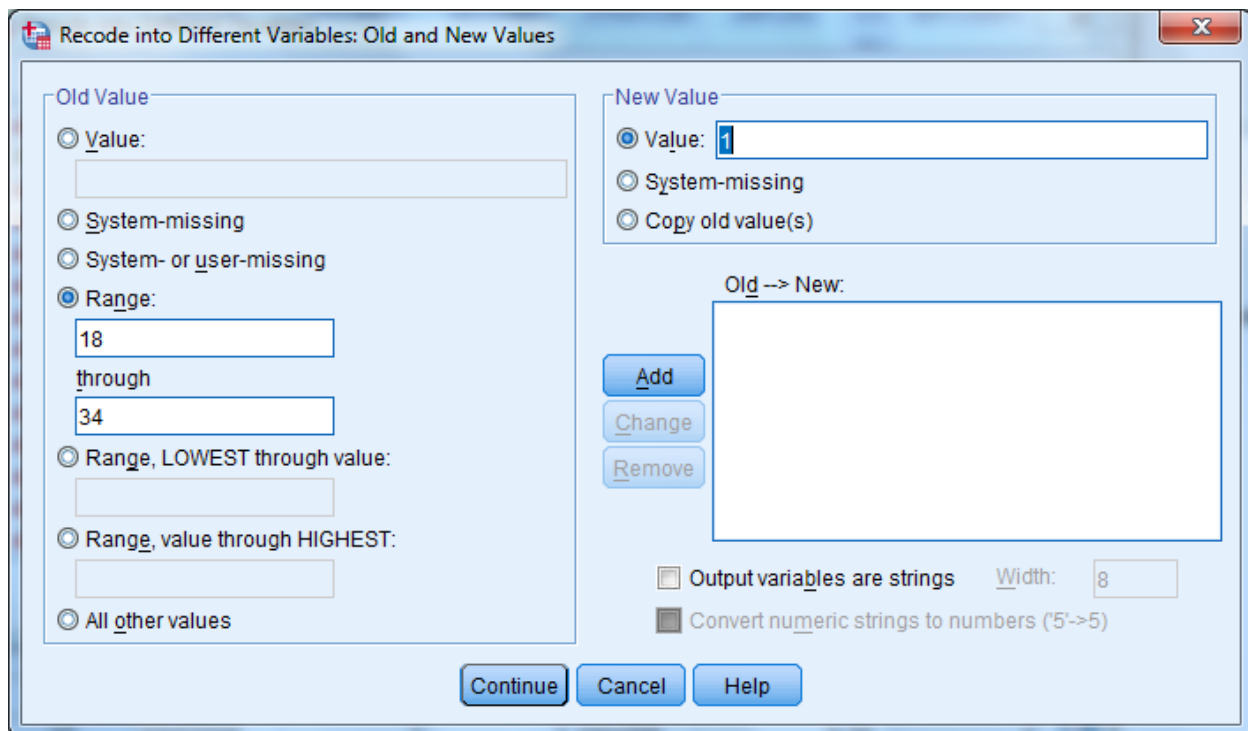
The next step in grouping the age variable is to specify the existing values of **Age** to be recoded. To do this, click on the **Range** circle under **Old Value**.

Once the appropriate slots are open, you have four ranges to enter.

First, enter 18 **through** 34 in the slots provided under **Range**. Next, enter the value **1** in the **Value** slot under **New Value**. **Add** is now illuminated.

Recode into Different Variables: Old and New Values

Old Value

- ○ Value:
- ○ System-missing
- ○ System- or user-missing
- ● Range:
  - 18
  - through
  - 34
- ○ Range, LOWEST through value:
- ○ Range, value through HIGHEST:
- ○ All other values

New Value

- ● Value: 1
- ○ System-missing
- ○ Copy old value(s)

Old --> New:

- Add
- Change
- Remove

☐ Output variables are strings   Width: 8
☐ Convert numeric strings to numbers ('5'->5)

Continue   Cancel   Help

Clicking on Add produces the following result:

Recode into Different Variables: Old and New Values

Old Value

- ○ Value:
- ○ System-missing
- ○ System- or user-missing
- ● Range:
  - through
- ○ Range, LOWEST through value:
- ○ Range, value through HIGHEST:
- ○ All other values

New Value

- ● Value:
- ○ System-missing
- ○ Copy old value(s)

Old --> New:

- 18 thru 34 --> 1
- Add
- Change
- Remove
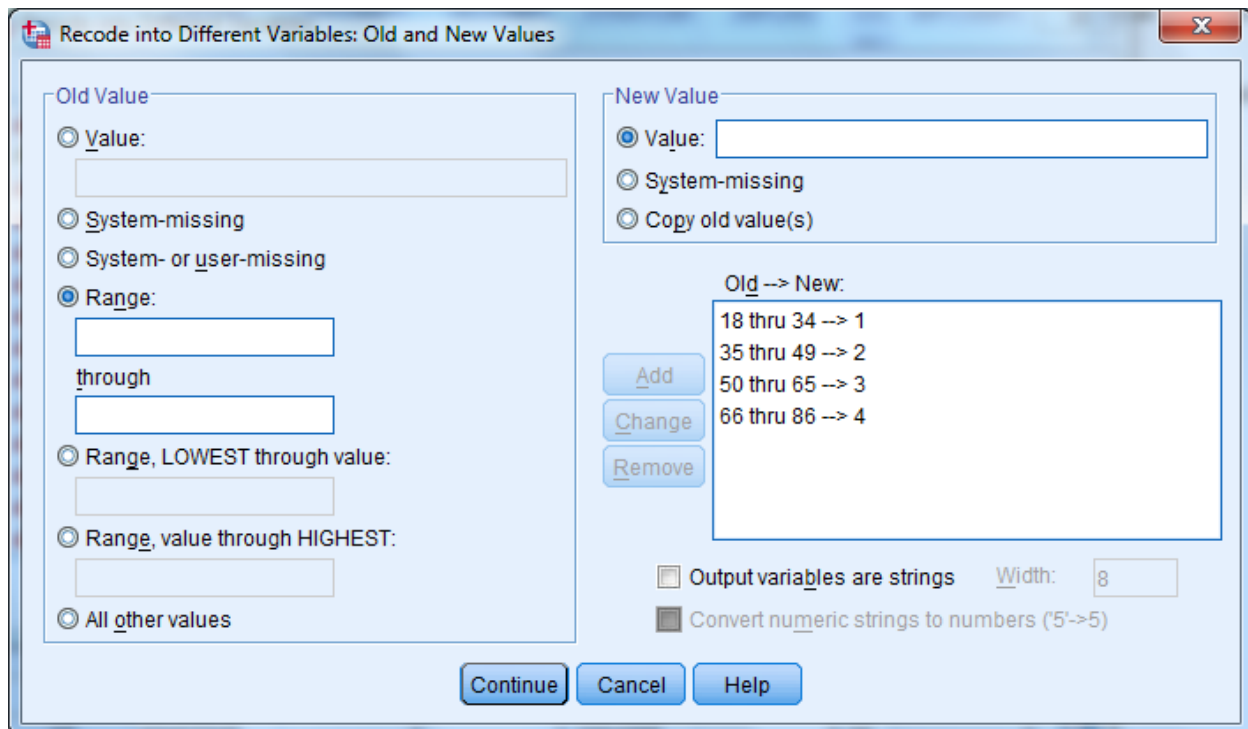
☐ Output variables are strings   Width: 8
☐ Convert numeric strings to numbers ('5'->5)

Continue   Cancel   Help

The specified range appears in the box labeled **Old -> New,** and the **Range** and **Value** slots have been cleared to permit additional entries.

The three remaining ranges are built in the same manner, adding each specification, until the dialog box looks like the one below.

Click on Continue and return to the previous screen.

Click on **OK** to exit the screen. The new variable **age_grp** has been created. The **Recode** syntax can be pasted to a syntax file.
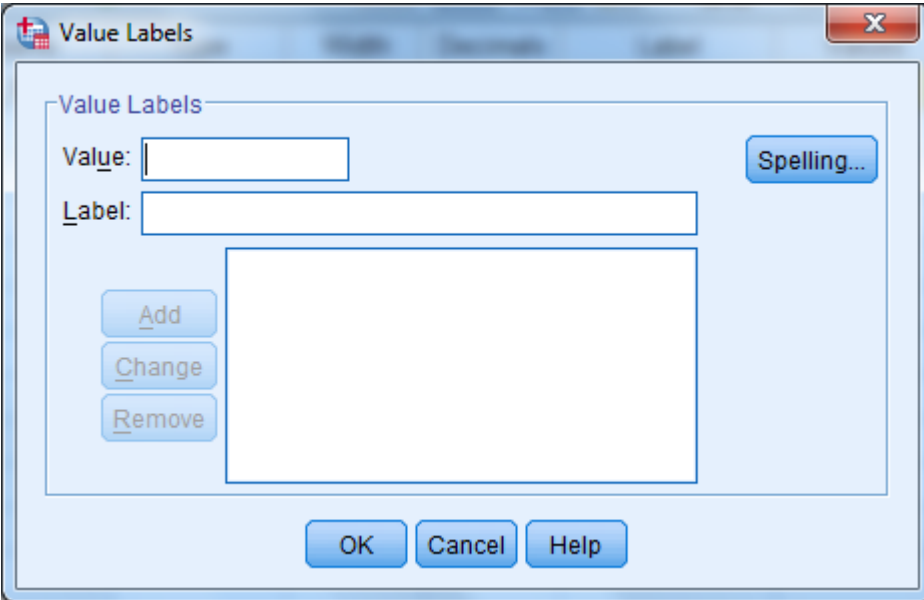
The final task is to create the value labels for the new variable **age_grp.** Labeling variables makes output from statistical reporting procedures much clearer and more elegant.

In the **Data Window,** go to the column for the new variable **age_grp** and double click in the gray area containing the variable name. The screen will change to variable view:
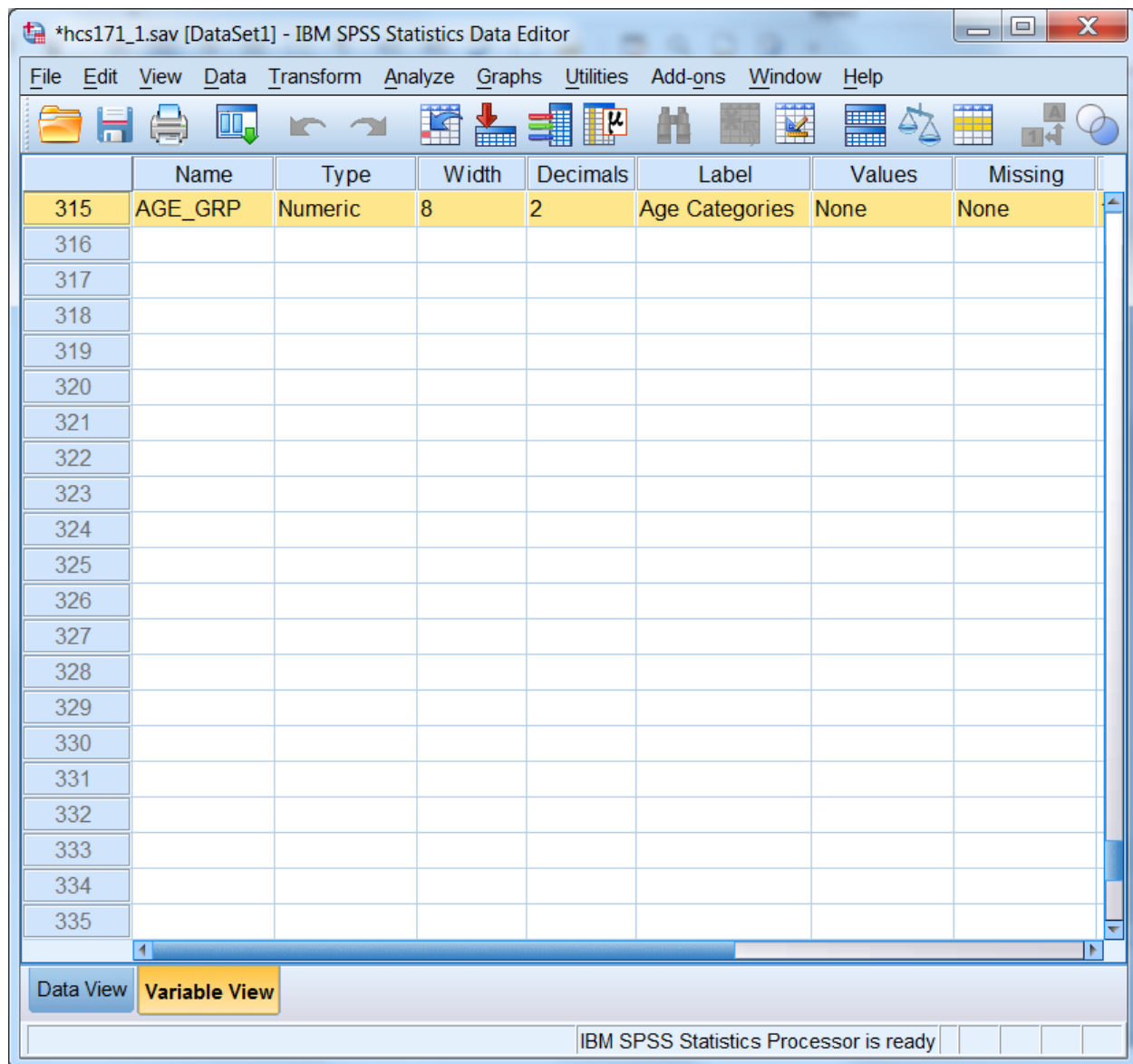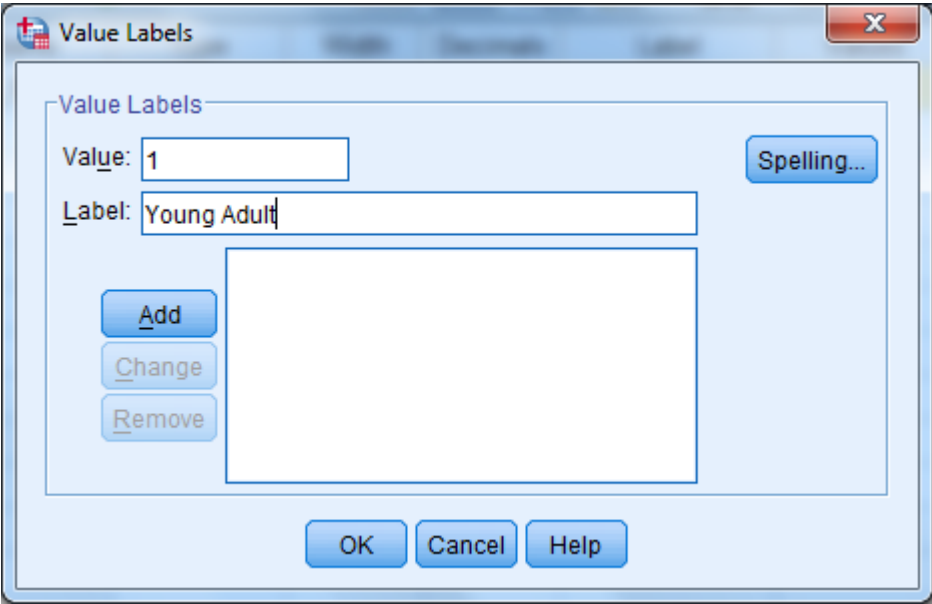
The variable **age_grp** is shown with its attributes.

Click in the cell under **Values** and the following dialog box will open:
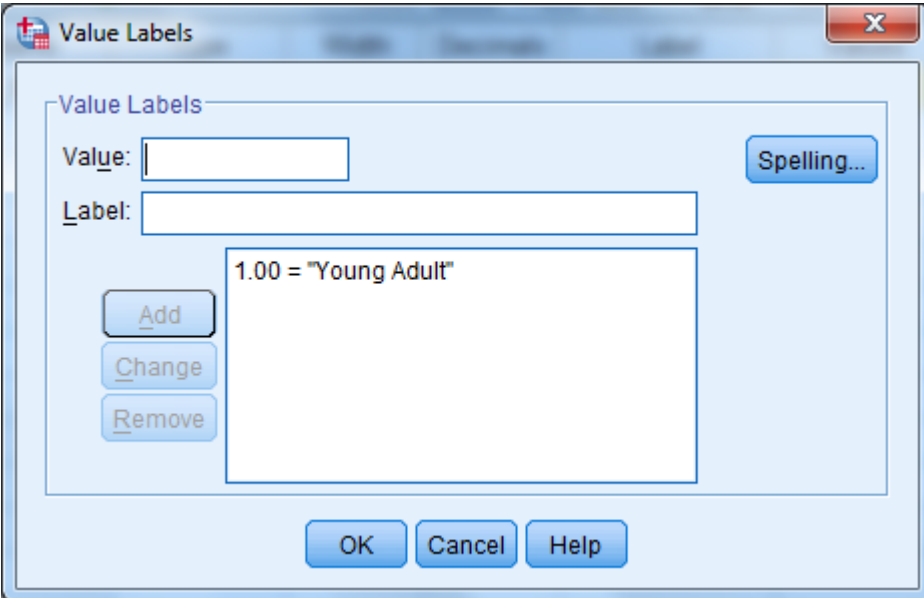
You can then begin to label the *values* of **age_grp**. Enter **1** in the slot marked **Value,** and enter the label **Young Adult** in the slot marked Value Label. The screen will look like the following:
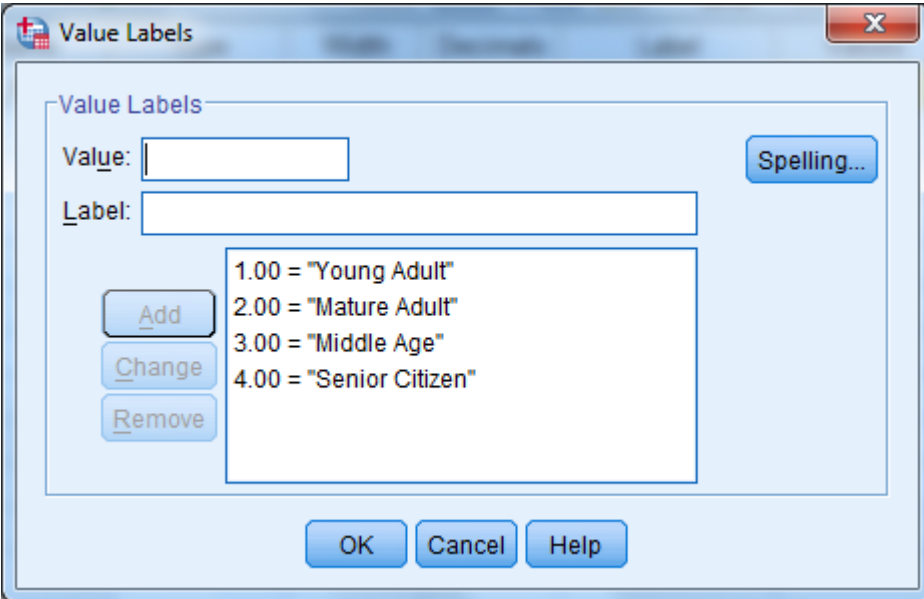
Add is now illuminated. Click on **Add** and the text of your command will appear in the central box, clearing the slots for further entries, as in the next screen.

Build the other three labels until the screen looks like the following:

Click on **OK** and the screen will appear as follows:
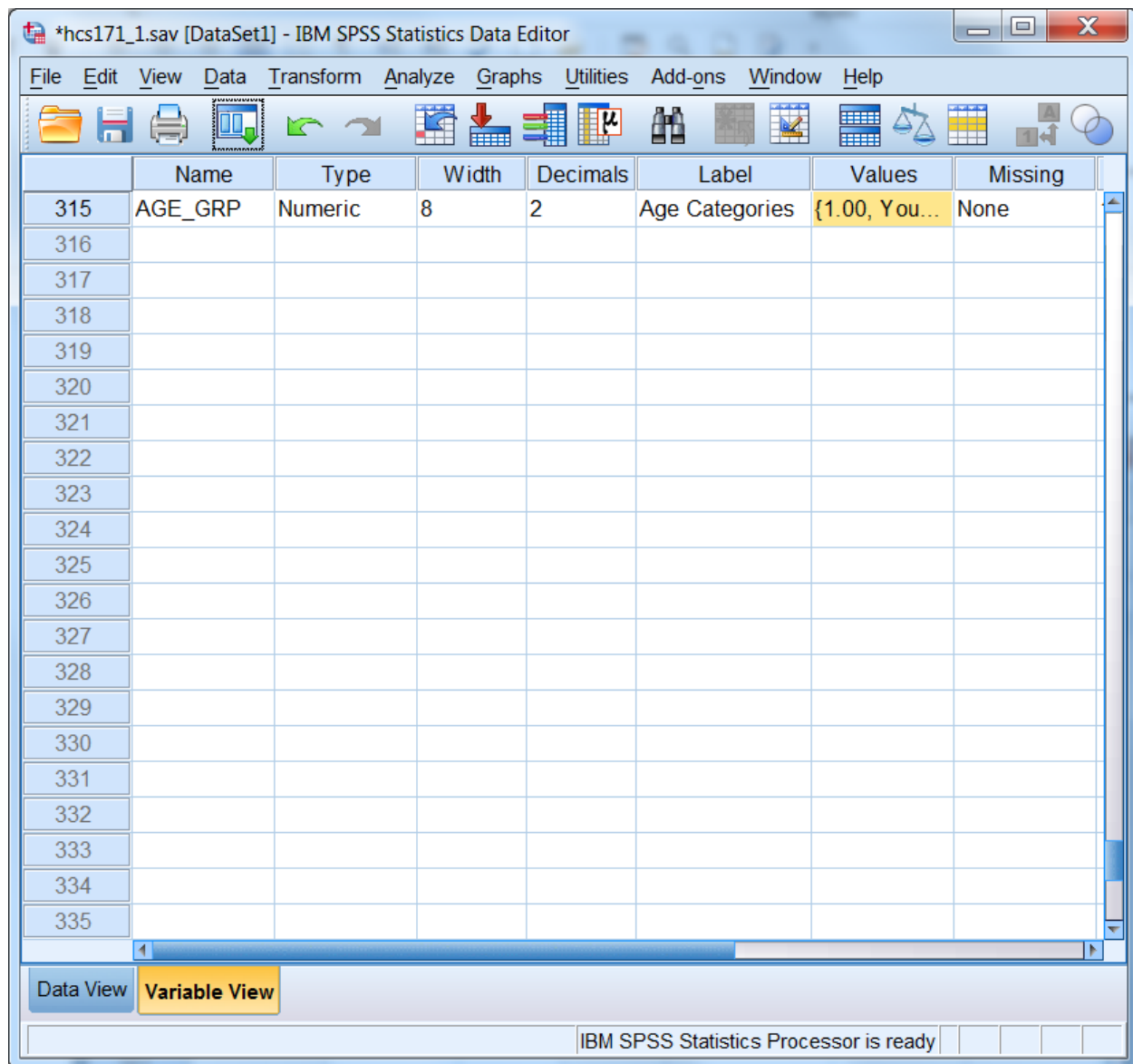
Click on the **Data View** tab to return to the data screen.

Limiting the Number of Variables

The HCSDB dataset contains many variables. To speed up software performance time, it may be desirable to limit the number of variables for analysis. There are several ways to do this.

The first is to **Save** a subset of variables in a new file with a new name. This option is available only through syntax. The **Keep** or **Drop** command lets you save a subset of variables. The choice of **Keep** or **Drop** is dependent on which list is shorter to write.

For example, suppose you want to run some procedures to evaluate respondent's weight as it relates to their state of health. You are also interested in people that have smoked at least 100 cigarettes in

their lifetime, and in differences within these groupings by gender. Moreover, you want to look at regional differences and differences among branches of service by beneficiary group and enrollment. You can do all the work on a subset of only nine variables, saving them in a separate file.

To write the syntax, open a syntax window. If you want to create a new syntax file, choose **New**, **Syntax** on the **File** menu as in the following:
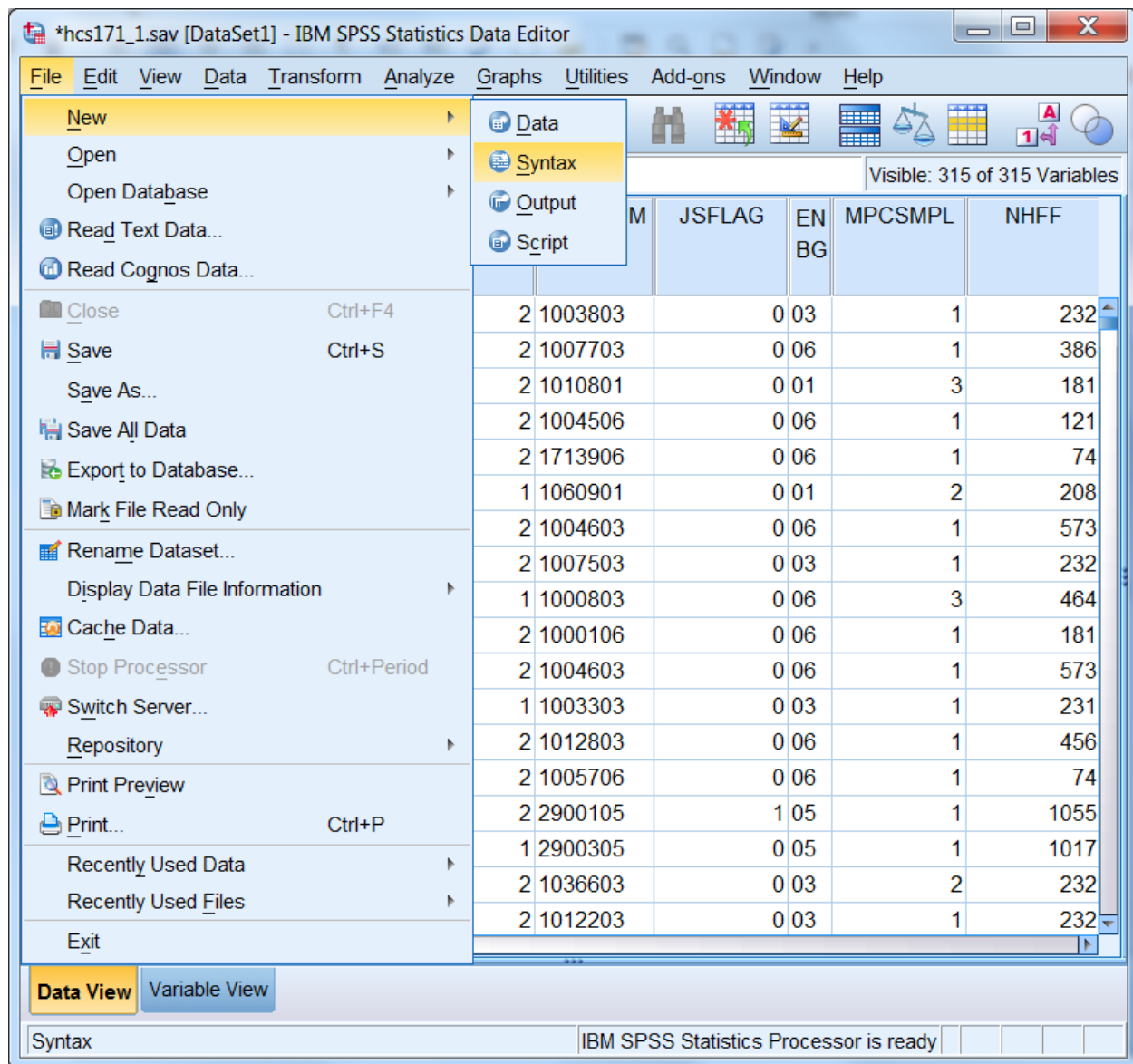
A blank syntax window will open.

Write the following command, substituting the file name and directory specification:

> **SAVE OUTFILE='C:\MYFILES\HLTHCARE.SAV'/KEEP=XTNEXREG XSEXA XENRLLMT SVCSMPL FWRWT XBNFGRP H17052 H17072 H17065.**

as in the following:
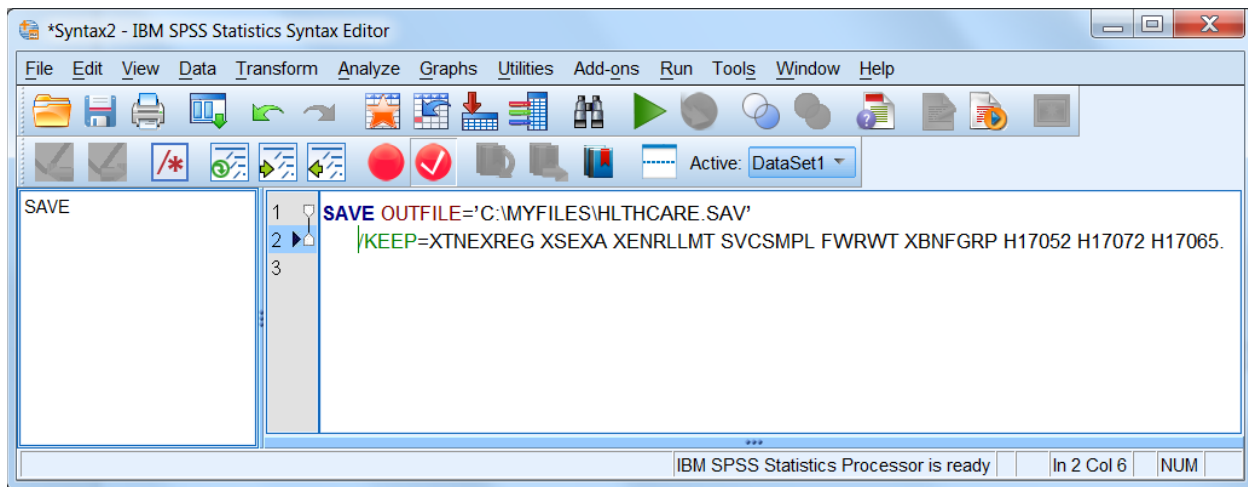
Upper case is optional. Be sure to enclose the entire file name in single quotes and to type a period at the end of the command.

Run the command by choosing the **Run** menu and selecting **All** from the choices.
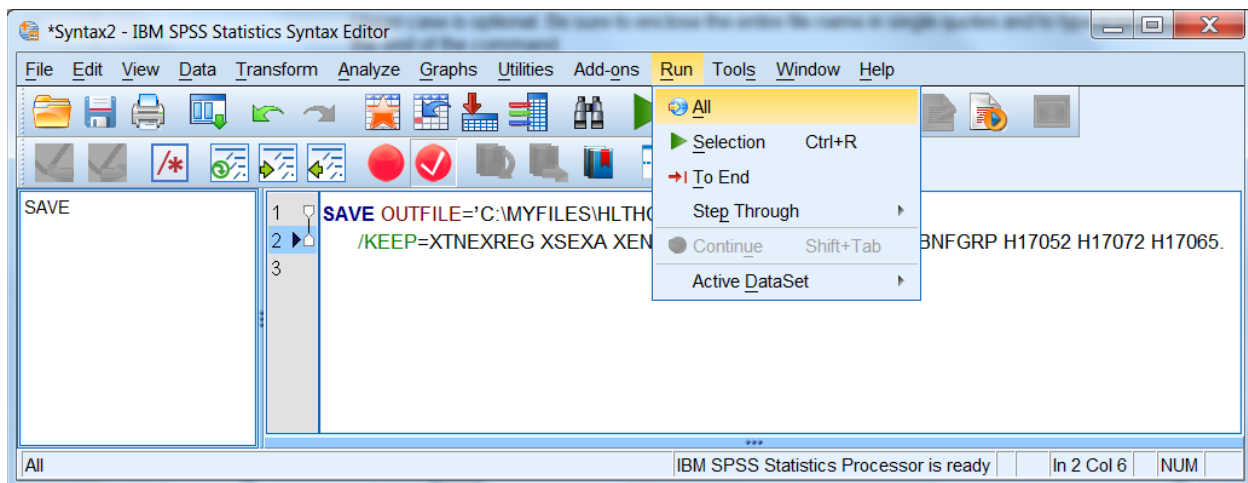
Open the new file according to the specifications at the beginning of this chapter.

The second way to limit the number of variables for analysis is to define a subset of *variables* that will appear in the dialog boxes for procedures. Using the **Utilities** menu, define a subset of variables as in the following:
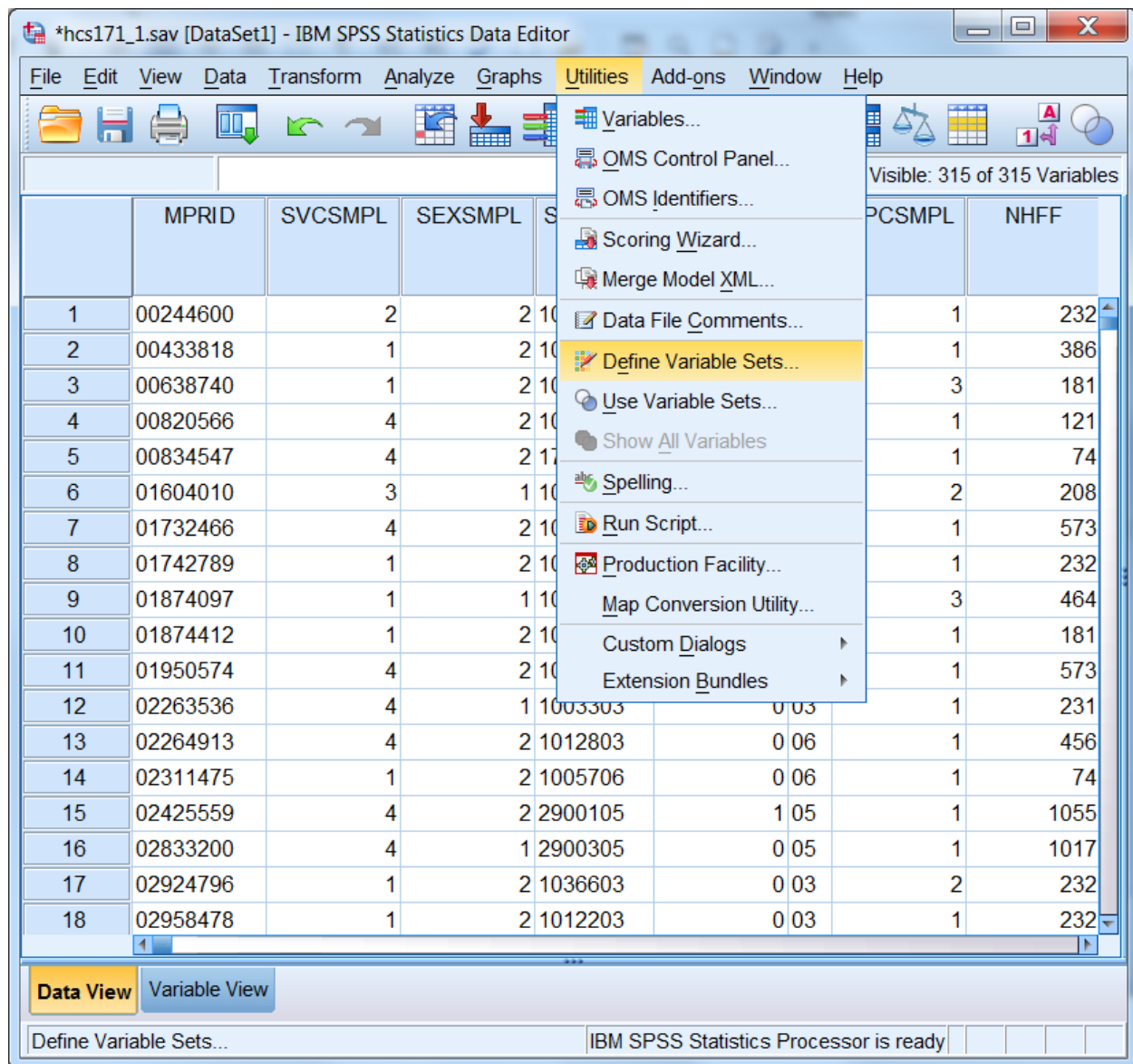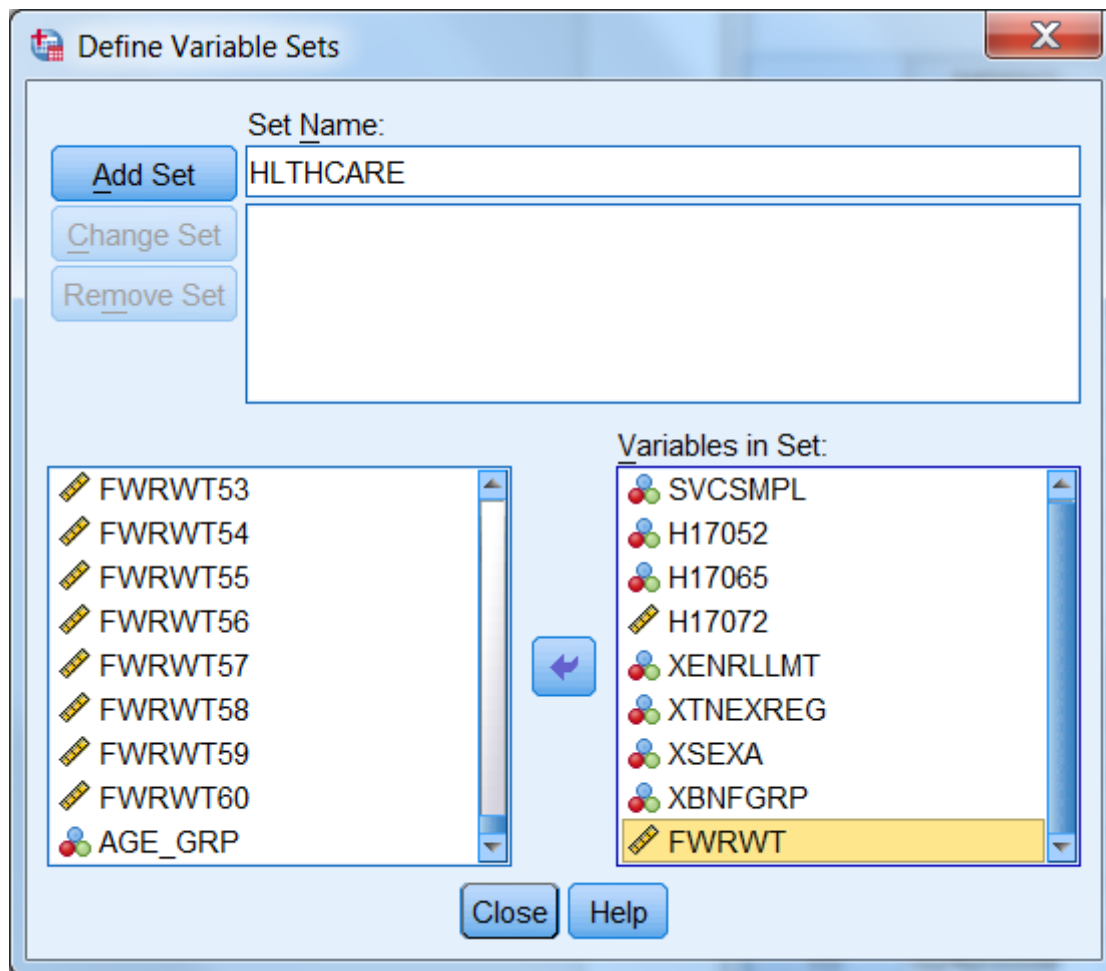
Select Define Variable Sets.
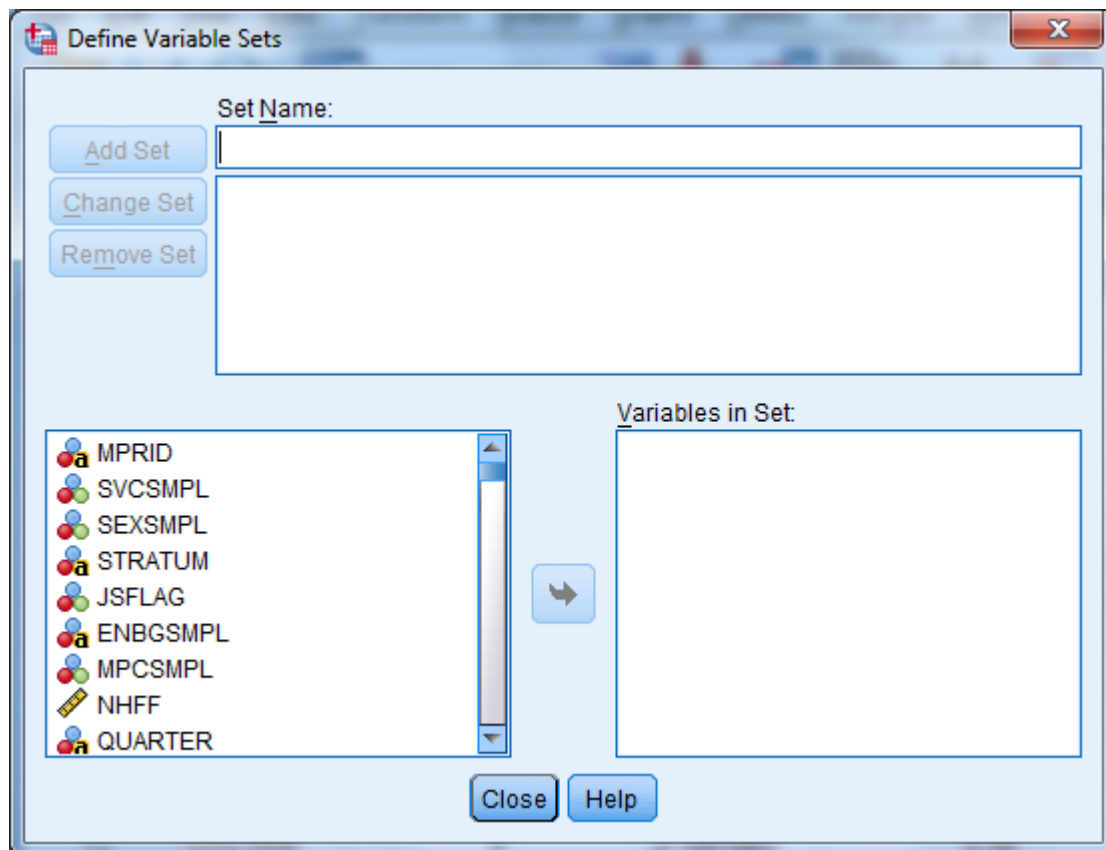
Insert a name for the subset of variables in the slot labeled **Set Name**. Move the variables you want to subset from the list on the left to the slot marked **Variables in Set**. By way of illustration, we will move the nine variables selected for the day's processing.

The screen should look like the following:

Click on **Add Set** to save the set specifications. The screen will change to the following:
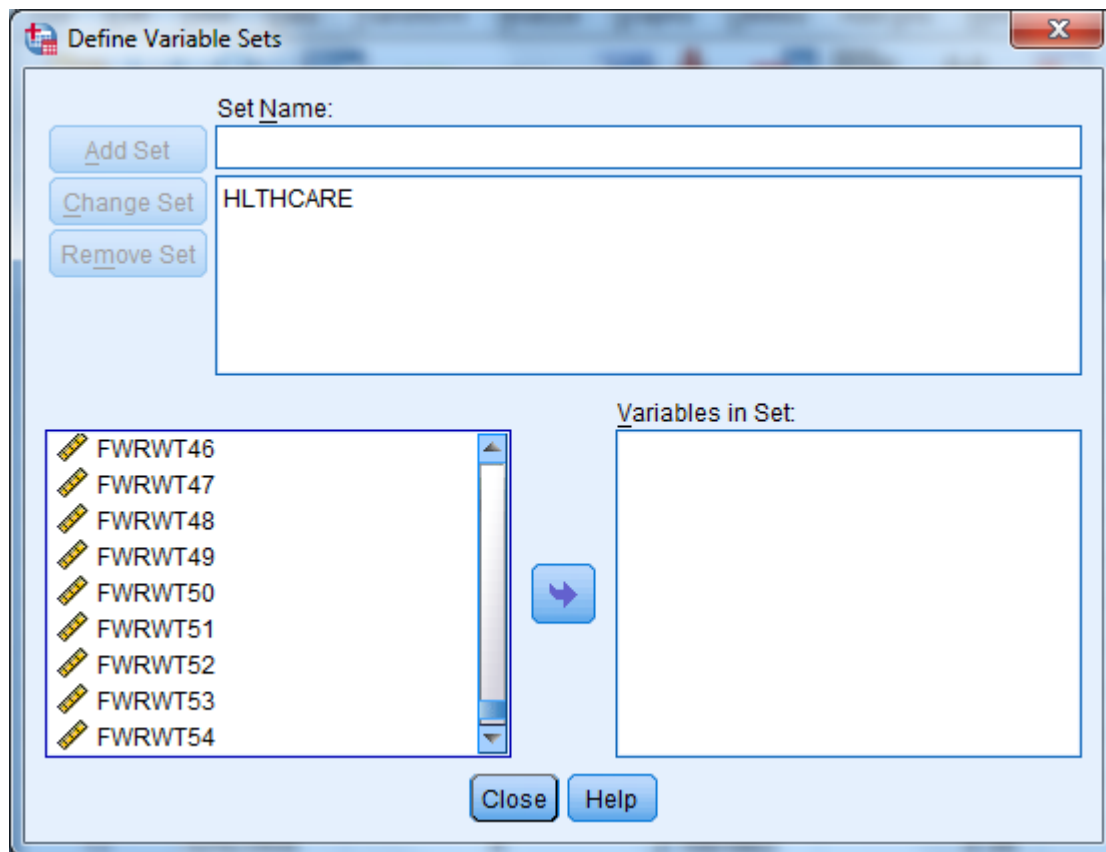
The set is now available for use. To use the set, **Close** the dialog box, reopen the **Utilities** menu, choose **Use Variable Sets…,** and receive this screen:

.
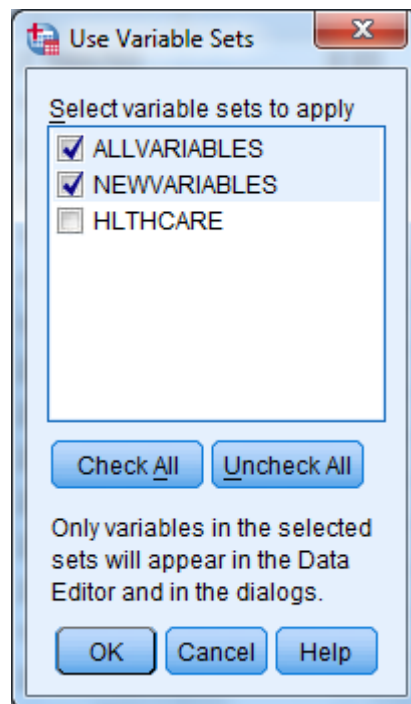
Click the checkbox next to HLTHCARE, and unclick the checkbox next to ALLVARIABLES. Leave NEWVARIABLES as is. **OK** saves this change.
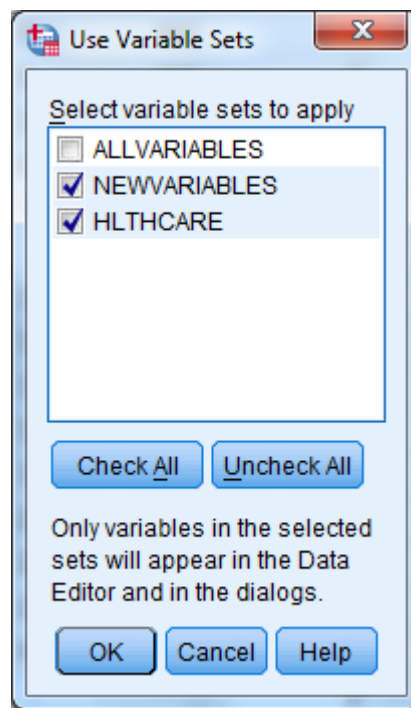
Until you change this specification, only nine original variables and any new variables will appear in the dialog boxes associated with procedures.

Limiting the Number of Observations

There are many ways to limit the number of observations available to statistical reporting procedures. The method illustrated here involves using **filter variables** with a menu-driven **Filter By** option. Using filters deactivates but does not delete cases from the file. A diagonal line appears next to the filtered cases in the **Data Window**.

The first task is to **compute** a filter variable for all the cases in the file. A filter variable has two values: **0** and **1**. The **1** indicates that the case will be included for procedures. The **0** flags the case for removal.

For example, suppose you want to produce a table for people who live in the West, i.e., cases for which the variable **xtnexreg = 3**. You would build a filter variable named **filtr_3**, which has the value **1** associated with the cases in the West and 0 for all the other cases in the file. The logic is: if **xtnexreg = 3**, then **filtr_3** = 1, else **filtr_3** = 0.

The screen below shows the final step in computing the filter variable. The variable was first initialized to **0**. Then, the "If" condition was built for setting the filter variable to **1**. You are now working with a subset of variables, allowing the dialog boxes to be used more efficiently.
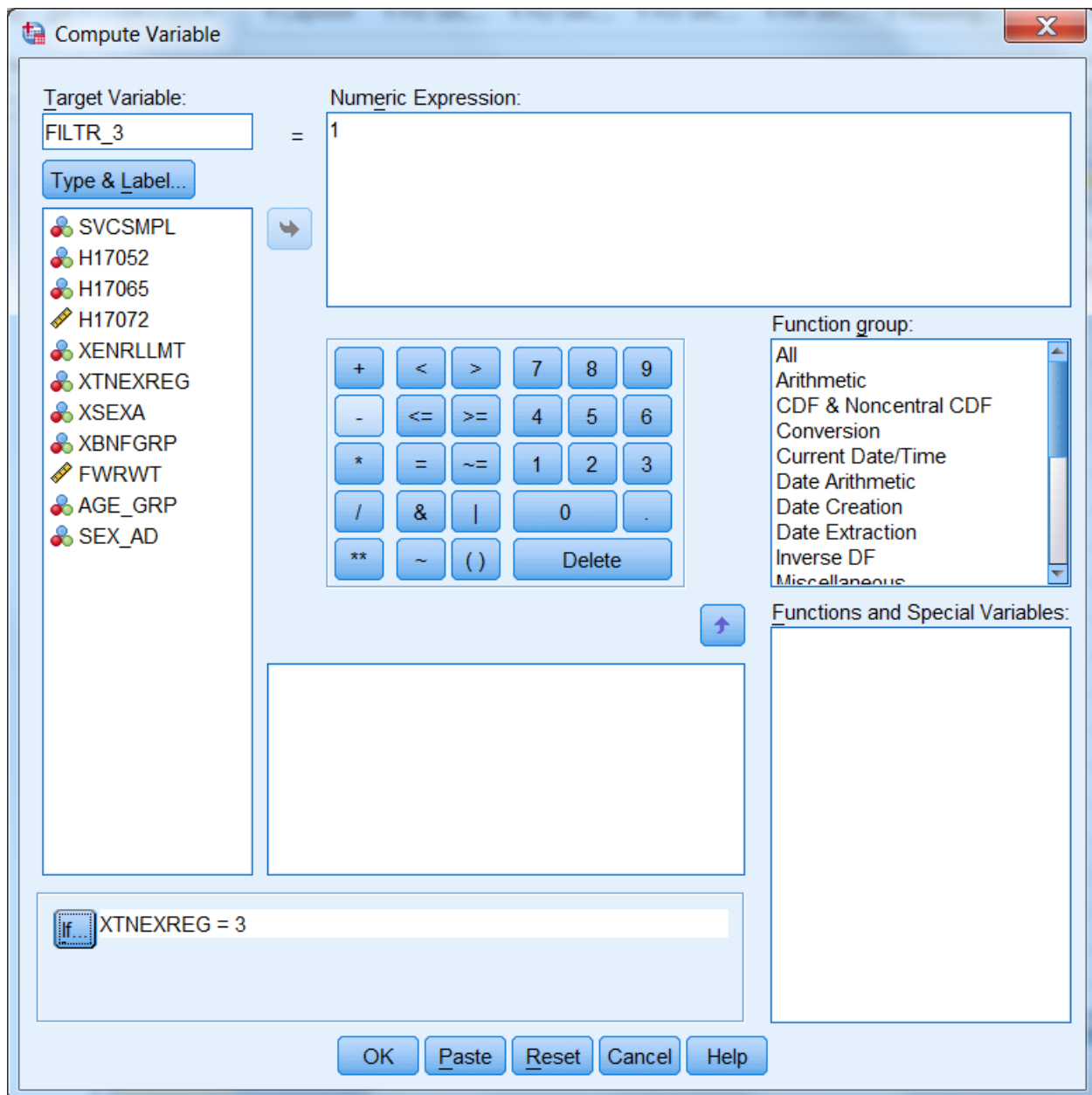
The screen that follows shows the syntax that was generated as you built the variable filtr_3.
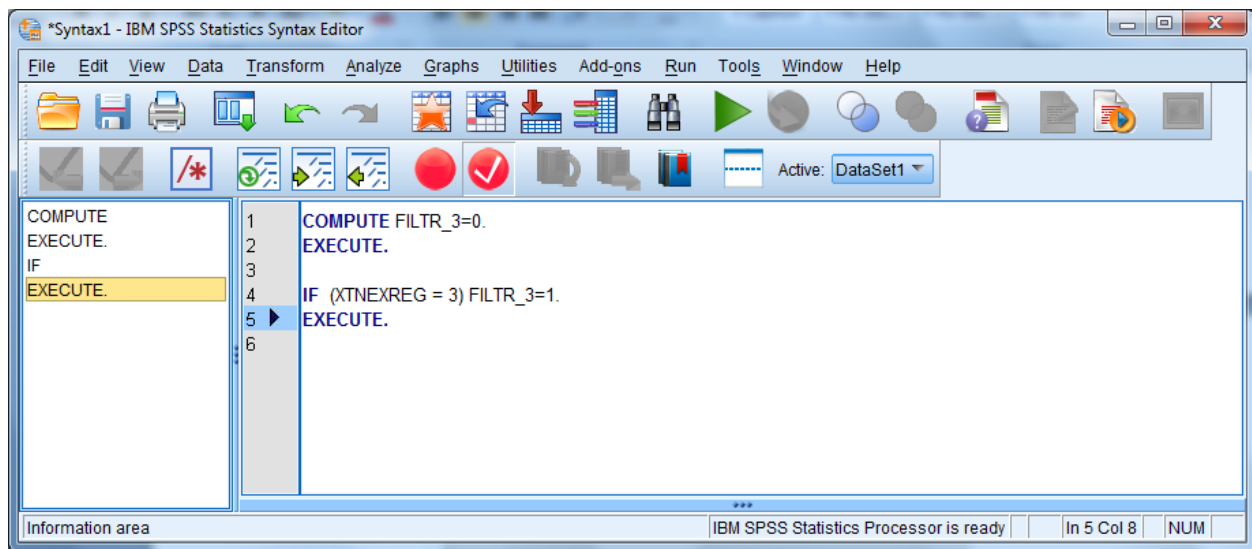
Once you build the filter variable, you can apply it for analyzing only those people from the West.

Using the **Data** menu, choose **Select Cases**.
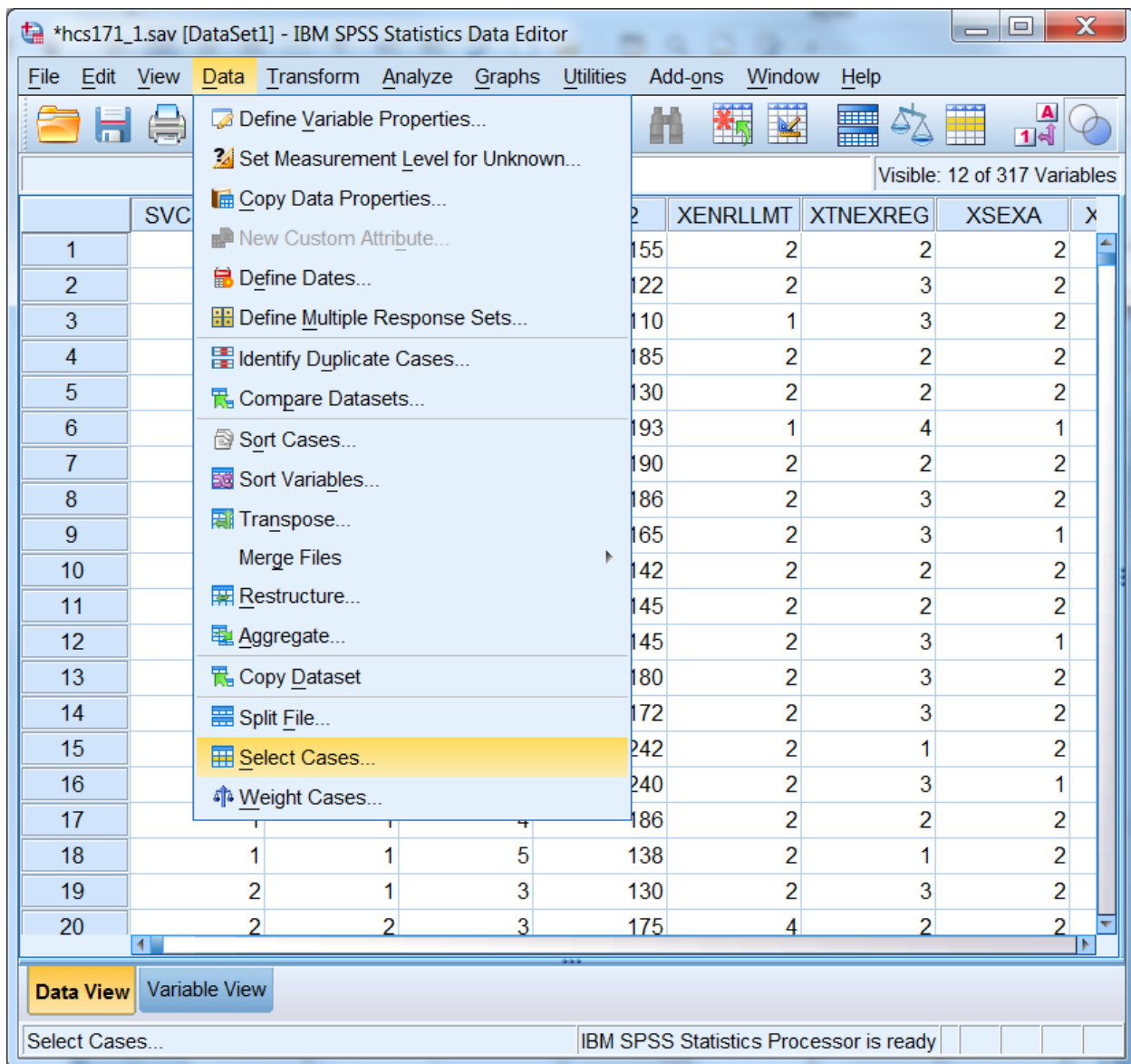
In the dialog box, check **Use filter variable**. Move the variable **filtr_3** from the variable list on the left side of the dialog box into the slot provided, as indicated below. Check that the option **Filter out unselected cases** is checked under **Output**. This is the default option.

Click **OK** and exit the dialog box.
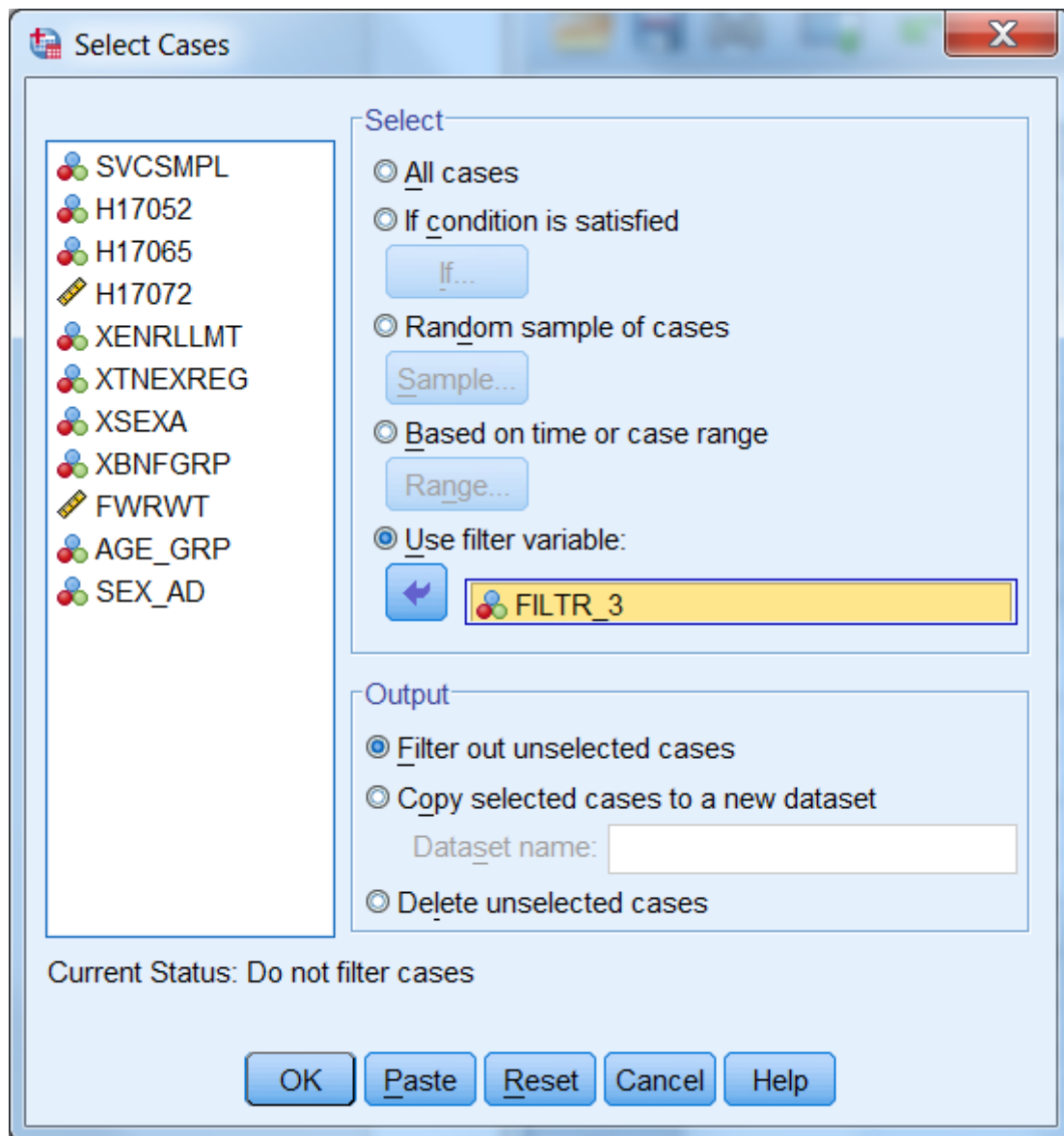
When you return to the **Data Window,** notice the slanting line next to some of the cases in the file. Those cases have been filtered out.

You can now produce tables for the subset of cases.

When using filter variables, it is important to check the filter status and to adjust it to fit the present need. Filtered cases are not available for procedures. Moreover, a filter is in effect until it is turned off or until another filter is activated. Check the status line at the bottom of the **Data Editor** window to see if a filter is activated. In the example above, **Filter On** is indicated on the status line. To see *which* filter is active, you must re-enter the **Select Cases** dialog box. There you can deactivate the filter or activate a new one.

To deactivate a filter, choose **All cases** and **OK** as in the screen below.
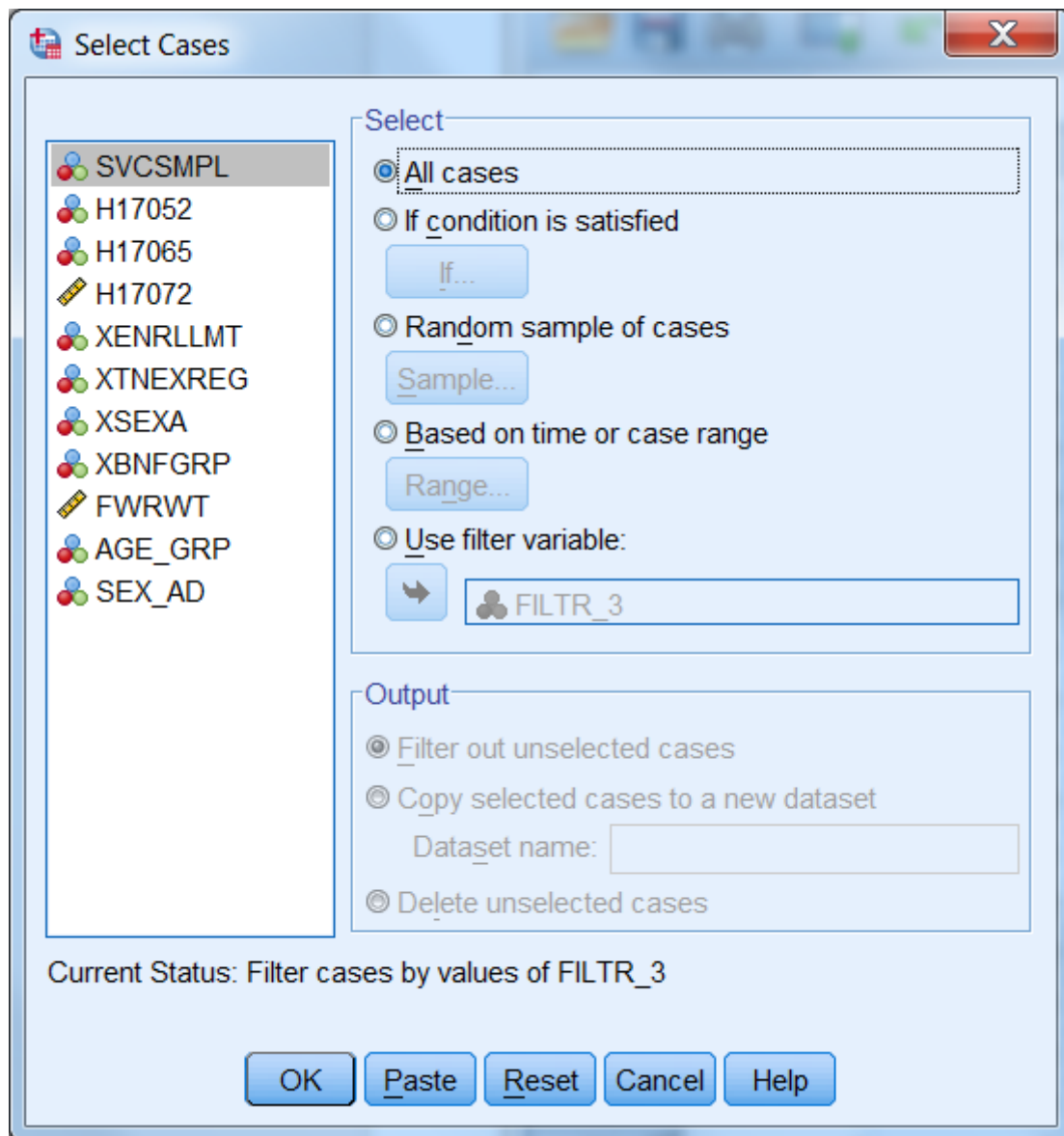
Weighting Data

The data file includes a weighting variable, FWRWT, which should be applied to all procedures and runs. Again, using the **Data** menu, choose **Weight Cases**. In the dialog box, choose **Weight cases by**. Move the weight variable from the list on the left into the slot labeled **Frequency Variable** on the right as shown below:
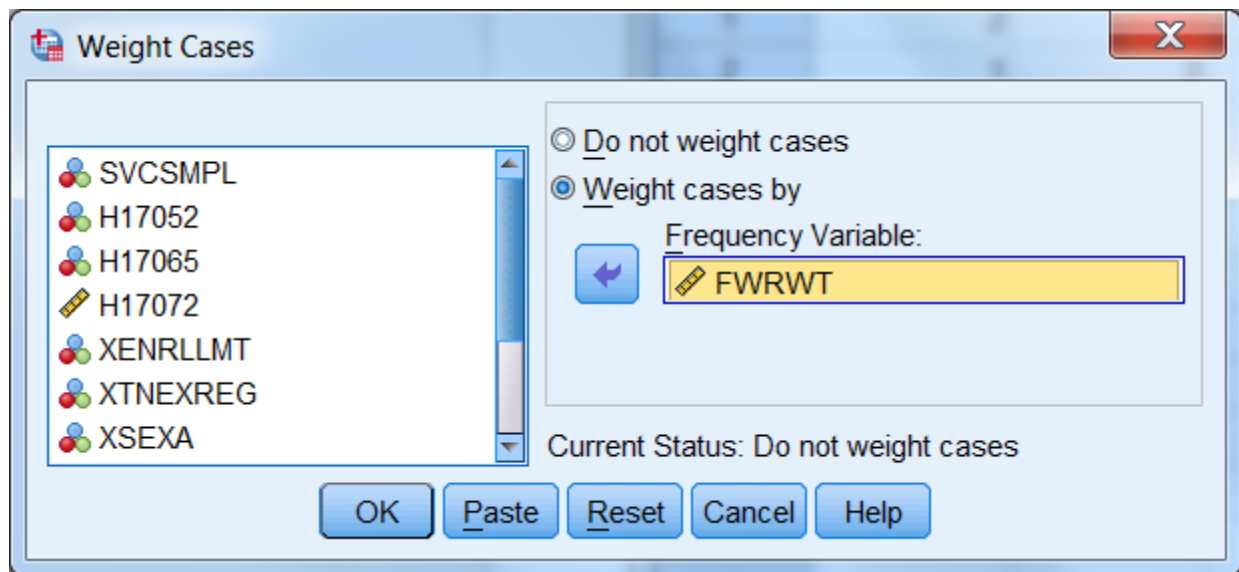
Click on **OK** and exit the dialog box. The indication that the data is weighted appears on the status line near the bottom of the screen. As in the following screen, **Weight On** is specified there.

The status line indicates if the data is weighted. Which weight variable is in effect can only be checked by re-entering the **Weight Cases** dialog box. Weighting stays in effect until it is canceled or until another weight variable is activated.

BUILDING TABLES

Building tables starts with creating a new subset of variables that includes H17052, H17072, H17065, svcsmpl, xbnfgrp, xsexa, xtnexreg, xenrllmt, FWRWT, and filtr_3. The procedures **Means** and **Crosstabs** will probably meet most of your statistical reporting needs. SPSS also offers many options for editing the output tables themselves. Some of these options are explained here.

Calculating Means

As an example, suppose you want to analyze the health care variables and you want to focus on the West (**xtnexreg = 3**). Suppose you are also interested in how the respondent's weight relates to his

self-evaluation of his health for the West region. Within this grouping, you want to examine the effects of the beneficiary group, **xbnfgrp**, and sex, **xsexa**.

The health care variables are **H17072** (respondent's weight), and **H17065** (assessment of the state of health). The statistic you want to see is the mean of the health care variables for each group in our breakdown.

For this analysis, you can use the subset of variables defined above. The subset includes the weight variable, **FWRWT**, which you would activate for procedure runs. The subset also includes the new variable, **filtr_3**, which allows us to select only those cases in the West.

Open the **Data** menu in the **Data Window**. In the **Weight Cases** dialog box, activate the weight variable **FWRWT**. Reopen the Data menu and, in the **Select Cases** dialog box, activate the filter variable, **filtr_3**. On the status line, **Filter On** and **Weight On** should appear.

Open the **Analyze** menu in the **Data Window**. Choose **Compare Means** and **Means** from the options as illustrated below.
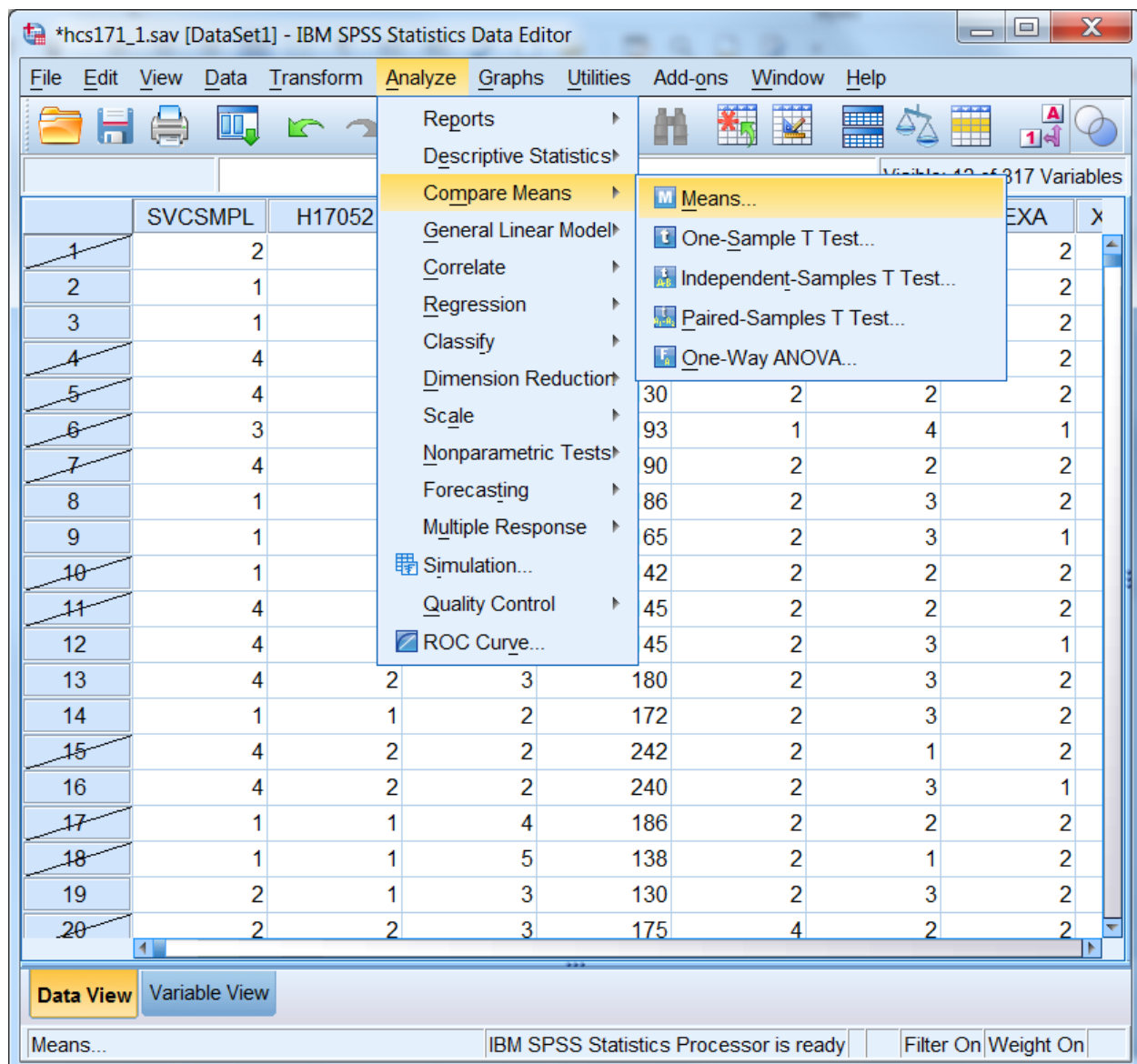
The dialog box for the Means procedure will open as in the following screen:
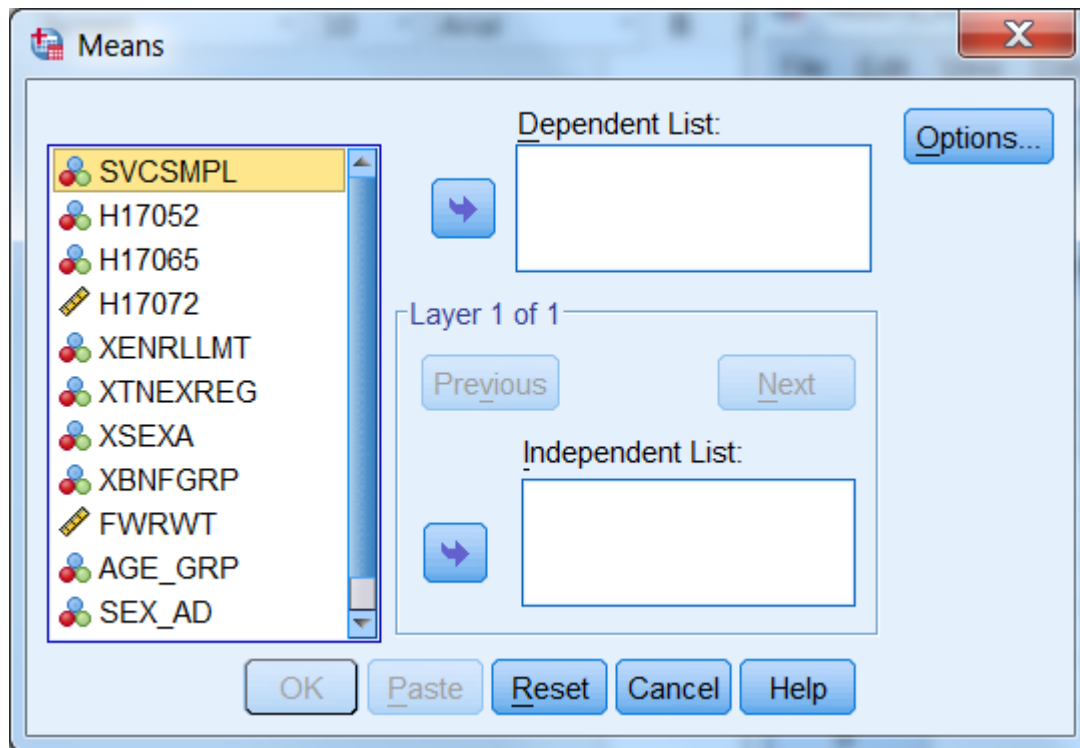
Move the variables **H17072** and **H17065** from the variable list on the left to the box underneath **Dependent List**. These are the two analysis variables. Notice that **Layer 1 of 1** is specified in the middle of the dialog box. Move **XBNFGRP** from the variable list on the left into the box under **Independent List**. **XBNFGRP** is the first grouping variable. The screen should look like the following:
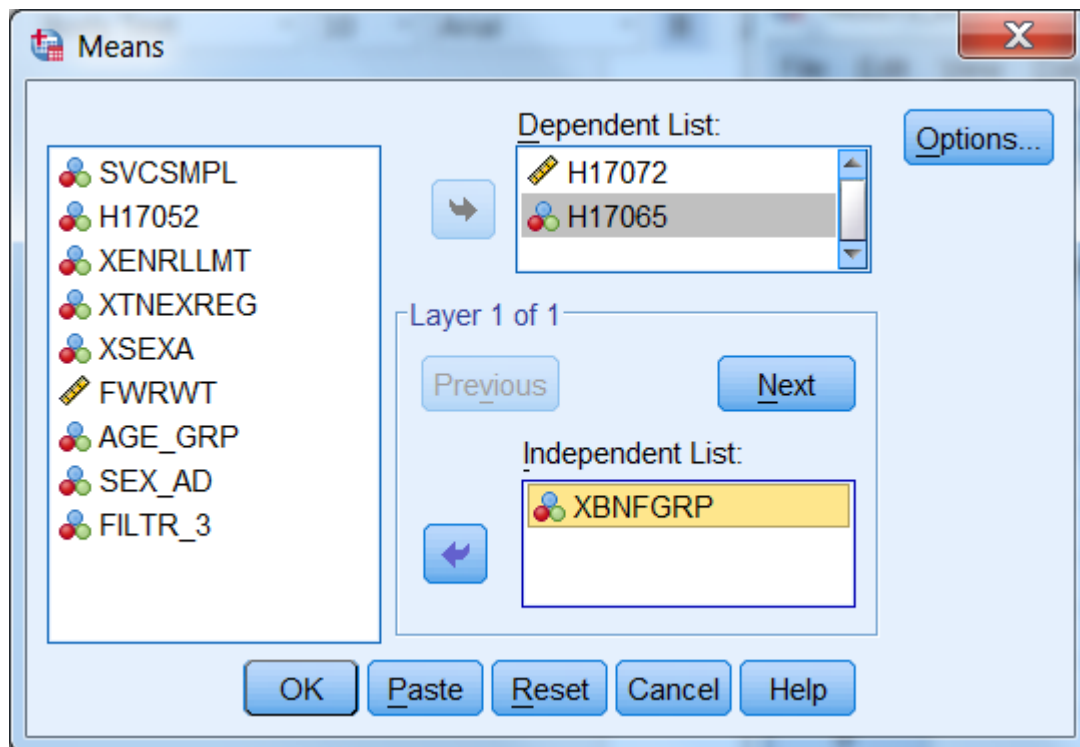
Click on **Next** in the center of the box to create a second layer. The following screen will open:
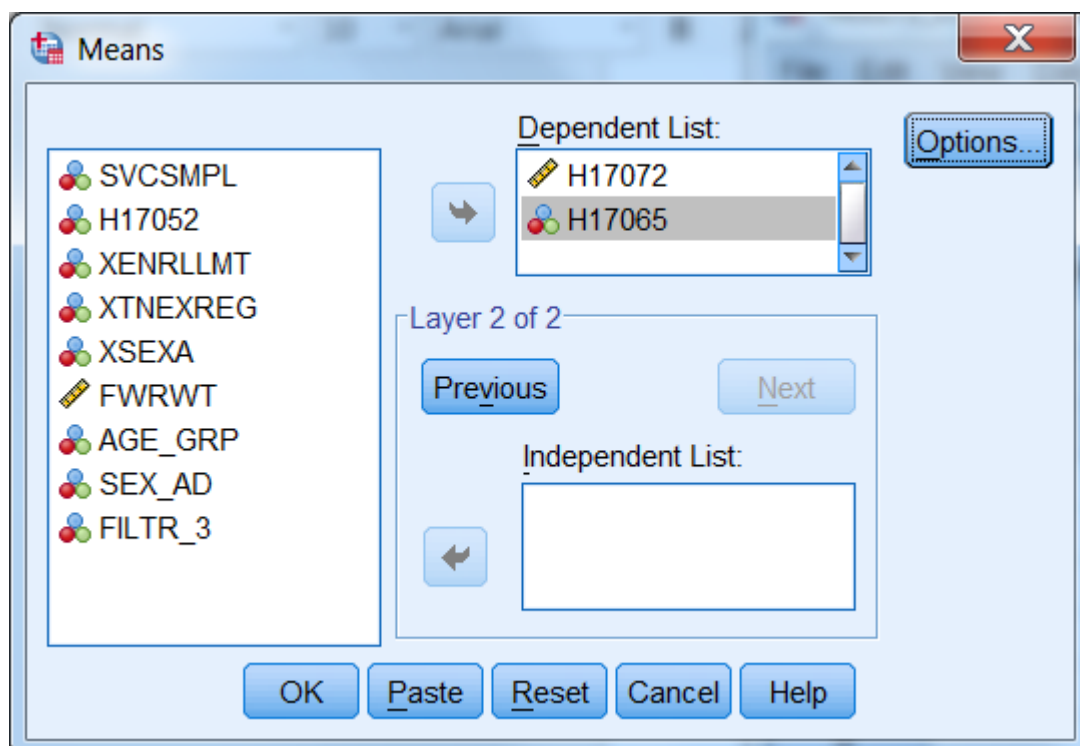
Notice that **Layer 2 of 2** is specified in the middle of the dialog box. Move **xsexa** from the variable list on the left into the box under **Independent List**. **Xsexa** is the second grouping variable. The screen should look like the following:
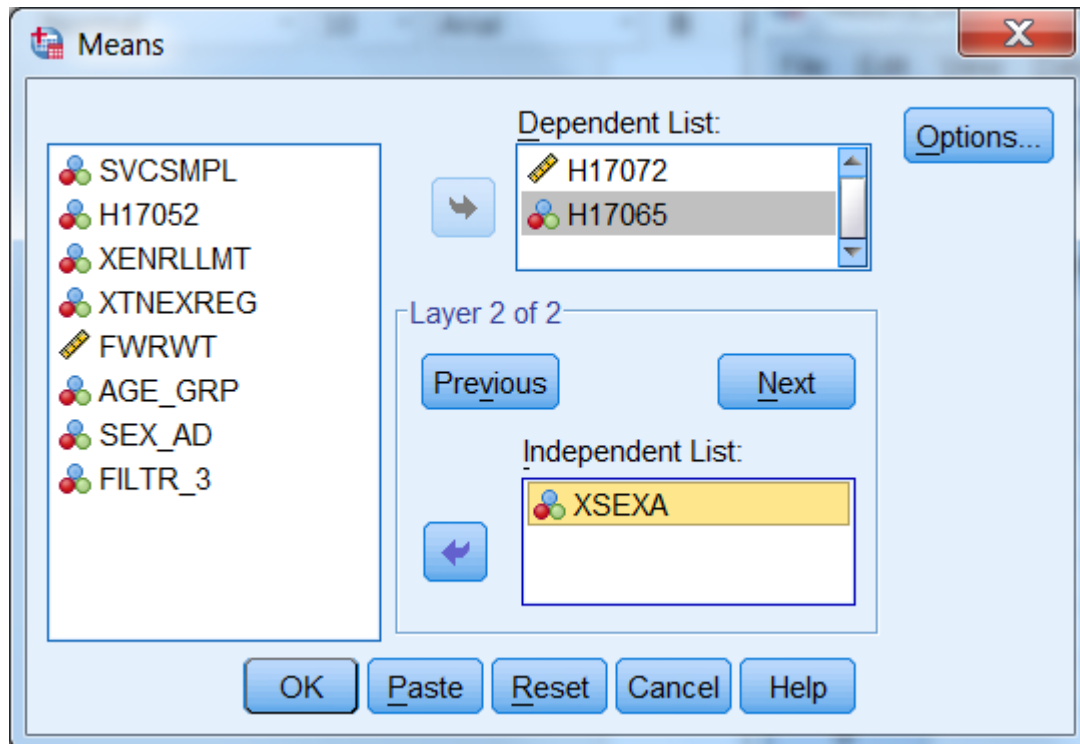
To set some options, click on **Options** and the following dialog box will open:
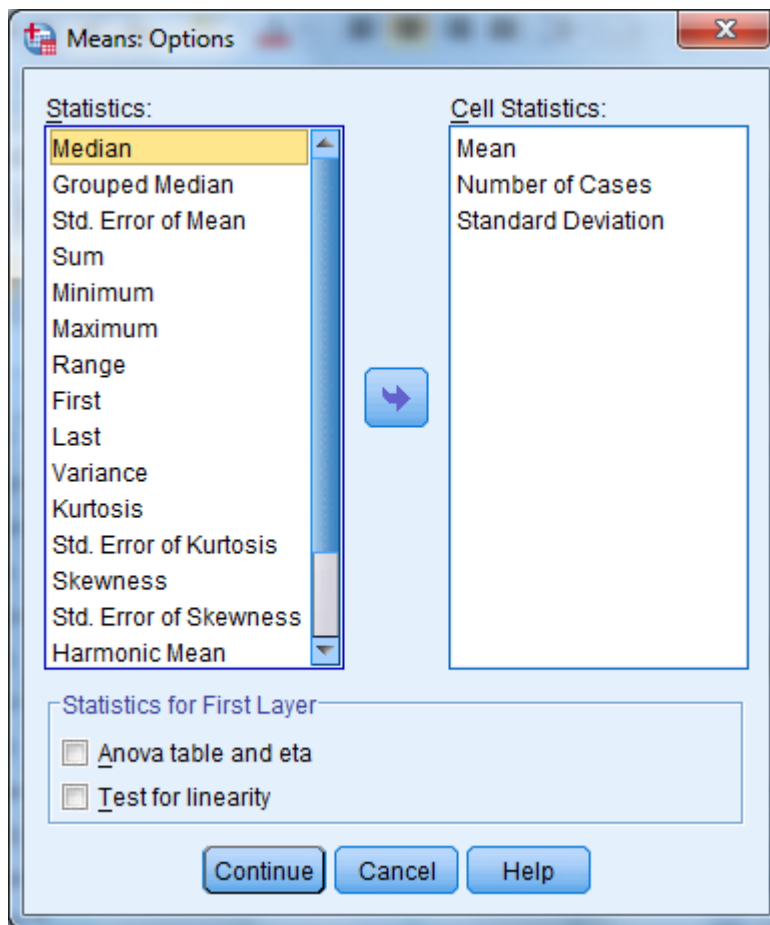
On the left of the box is a list of statistics, under **Statistics**. These are all the possible options for statistical output. In the box under **Cell Statistics** are the default output statistics for the analysis. In this case, **Mean** is the statistic of interest. Highlight **Number of Cases** and **Standard Deviation** and move them to the box at the left, removing them from the analysis, as follows:
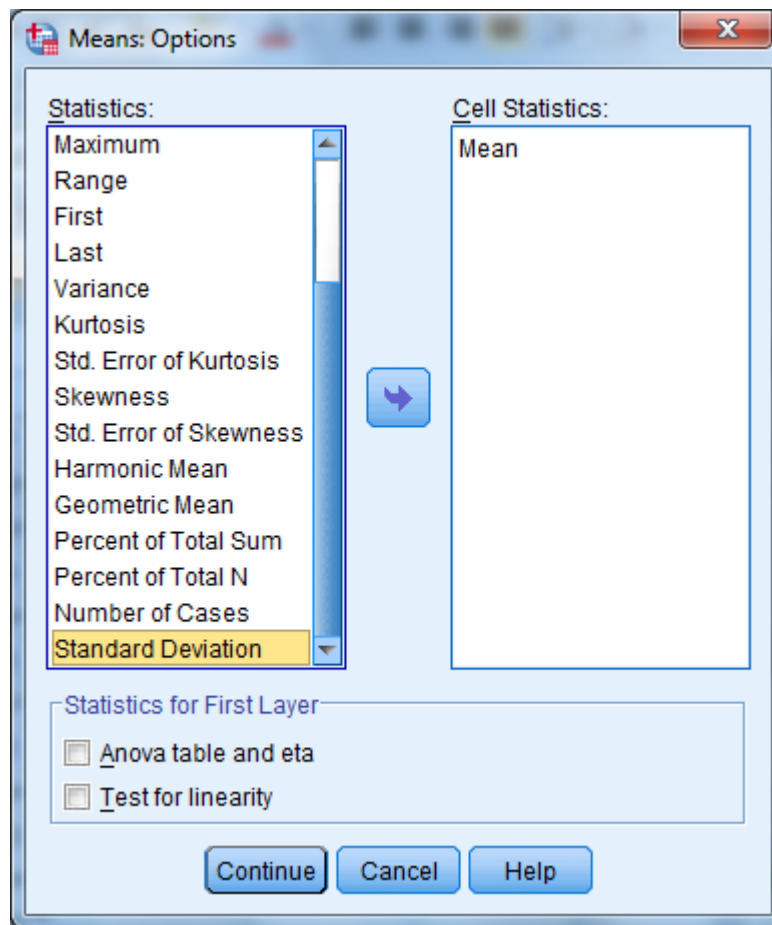
Click on **Continue** and return to the previous screen. Click **OK**. The **Means** procedure will run. On the status line, **Running Means** will appear, and a counter for the number of cases processed will be activated.

When **Means** has finished processing, the **Output Navigator** window will open automatically. As the name suggests, the output window is not just for looking at output. A number of options are available for *navigating* through output, moving tables, and even editing the tables themselves.

The output is organized into two sections. On the left side is a navigating tool, which lists the components of the right side, the actual output. In the left pane, **Means** is indicated, and indented under it appear **Title, Notes, Case Processing Summary**, and **Report**. Clicking on **Means** highlights and selects all the elements. Lines appear around these elements in the right pane. The indenting indicates that the elements are hierarchically organized, with **Means** at the top. Clicking on any of the sub-elements selects just that element.
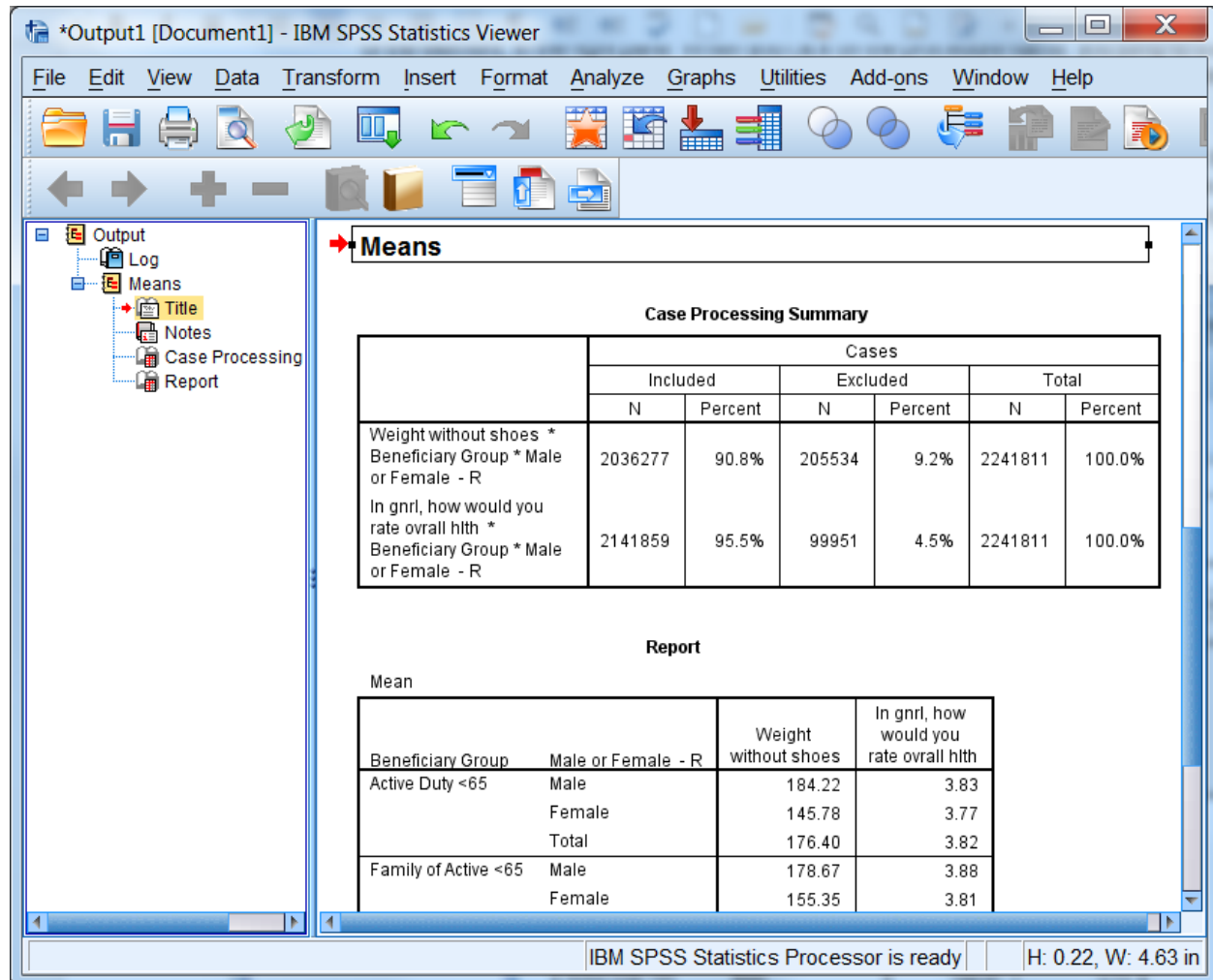
A closer look at the left pane reveals another feature. Hiding underneath the element icons are book icons. The books are either open or closed. If a book is closed, the element is *hidden*. Notice that the book under the **Notes** icon is closed. This is a default SPSS option. Double-clicking the icon will open the book, and the Notes will appear in the output. Double-clicking an **open** book will close it, and the physical element will *disappear* from the output. Closing a book and hiding the element does *not delete* the element.

It is possible to select elements in the right pane of the output. Simply click anywhere inside of the actual output element, and that element will be selected.

The output may contain many different procedures. The procedure name will be at the top of the list for each section in the left pane. The procedure name does not actually parallel physical output but indicates the category of the output elements.

As you click on each element in the left pane, you will notice that the screen jumps to the actual output of the element, in the right pane. When you click on the procedure name, you jump to the beginning of the next procedure output. This is a quick way to scroll through your output. It also lets you delete, move, and edit selected elements.

To **Edit** the **Title** element, **Means**, to create a more appropriate title, select the table title by clicking once on the **Title** icon in the left pane. A box now surrounds the title in the right pane. Double-click anywhere within this box, and a box appears around **Means**, as shown in the following screen.

You have entered the **edit** mode for this element, and the cursor appears inside the box. You can delete the word **Means** and write a title that relates to the information in the table. A possible title appears in the next screen. To exit edit mode, click anywhere outside the box. The change you made will be saved.

If you navigate to the next element, **Notes**, you see a closed book. Double-click this item, and the notes will appear as follows:
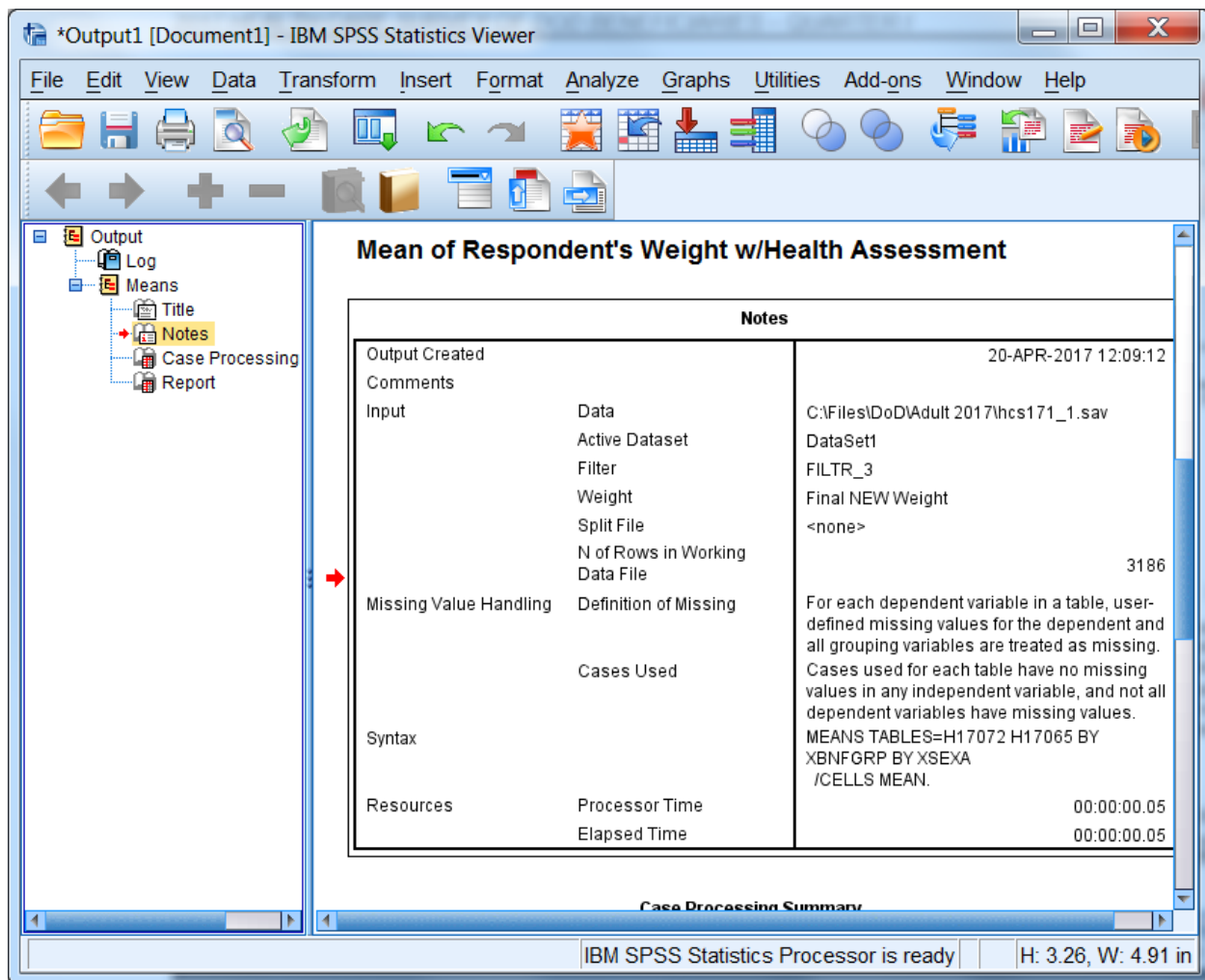
Decide if you want this information to appear in your report. If not, simply double-click the **Notes** icon, and the notes will again become hidden.

Navigate to **Case Processing Summary**. The table gives useful information about the number of cases included in and the number of cases excluded from a given procedure. This information is important for the researcher but probably not necessary for the report, so you would double click this item to hide it.

Navigate to **Report** to see the actual table output from the procedure **Means**. You can view this table by scrolling through the output. If the table is large, however, scrolling in the output window can be problematic. A better way to review the table is to open it as a **Pivot Table Object** in a special editor.

Select the table by clicking the **Report** icon or by clicking inside the table itself. A box will appear around the table. Insert the mouse pointer inside the table and right-click, opening the following dialog box:

Select **Edit Content** and **In Separate Window** as pictured below:

The table will appear in a new screen superimposed on the output. Maximize this screen as shown below.

Pivot Table Report

File Edit View Insert Pivot Format Help

Report
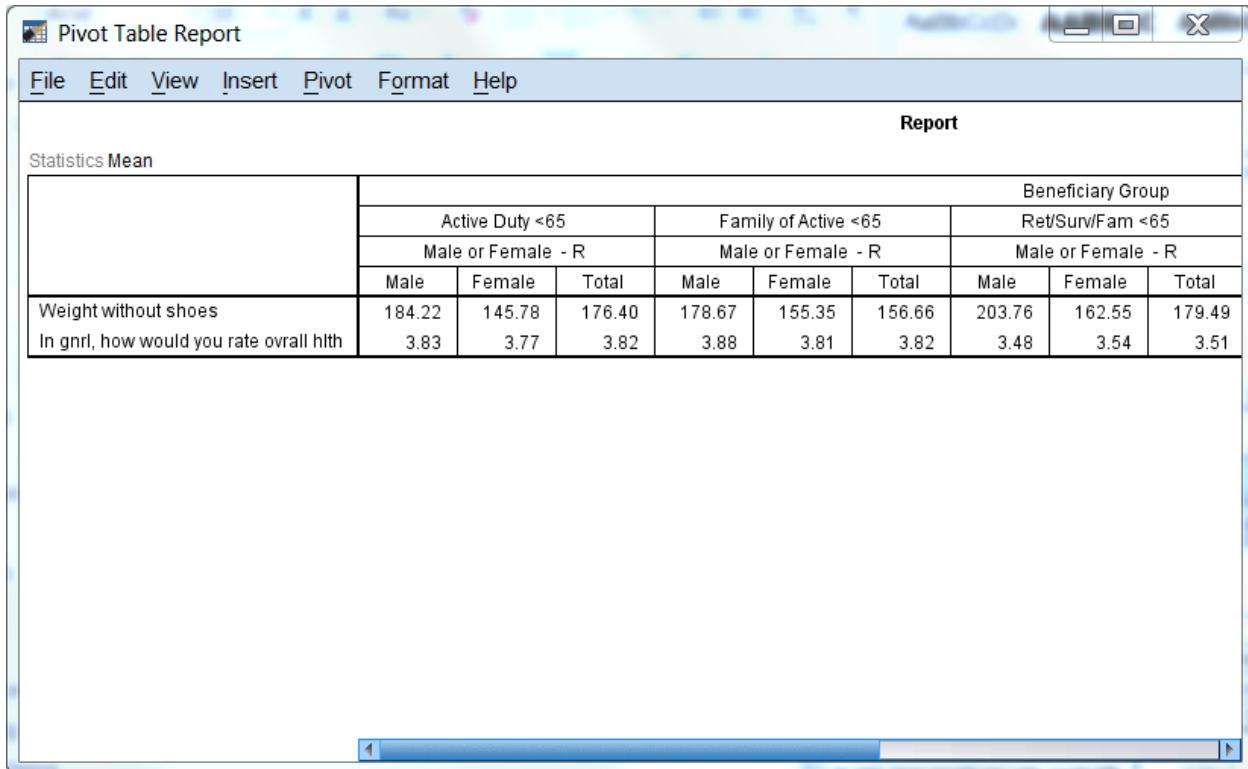
Statistics **Mean**

Beneficiary Group	Male or Female - R	Weight without shoes	In gnrl, how would you rate ovrall hlth
Active Duty <65	Male	184.22	3.83
	Female	145.78	3.77
	Total	176.40	3.82
Family of Active <65	Male	178.67	3.88
	Female	155.35	3.81
	Total	156.66	3.82
Ret/Surv/Fam <65	Male	203.76	3.48
	Female	162.55	3.54
	Total	179.49	3.51
Ret/Surv/Fam 65+	Male	184.95	3.77
	Female	154.89	3.56
	Total	171.21	3.67
Total	Male	190.52	3.70
	Female	157.48	3.62
	Total	173.32	3.66

In this special editor, there are many options for formatting the table.

Suppose you want to change the table format from vertical to horizontal. Open the **Pivot** menu in the tool bar and choose **Transpose Rows and Columns** as shown below:

The rows and columns will be reversed as shown in the following screen. Though the table appears too wide in the viewer, it will fit the page when printed. You can do all of the table editing in the left section of the table, and the changes will spread through the entire table.

Pivot Table Report

File   Edit   View   Insert   Pivot   Format   Help

Report

Statistics **Mean**

	Beneficiary Group								
	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65		
	Male or Female - R			Male or Female - R			Male or Female - R		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Weight without shoes	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49
In gnrl, how would you rate ovrall hlth	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51

You would then notice that certain labels are redundant. The labels **Beneficiary Group and Male or Female - R** are the **Variable Labels** for the variables. The information in these labels is echoed in the **Value Labels**, which are also reproduced in the table. You would delete the Variable Labels as follows.

Click inside the section of the table where the label, **Beneficiary Group**, appears. Right-click to open a dialog box, choosing **Hide Dimension Label**, as illustrated below.

Click inside the table section labeled **Male or Female - R** and repeat the above procedure. An improved table is shown in the following screen.

Pivot Table Report

File   Edit   View   Insert   Pivot   Format   Help

Report

Statistics **Mean**

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Weight without shoes	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49
In gnrl, how would you rate ovrall hlth	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51

The mean values reported are formatted to allow space for the labels of the satisfaction variables. You can shorten these labels and add the lost information in another place, according to the following procedures:

Double-click on the label for health state. Delete the text, entering only the words, **Health State**. Do the same for the health care label, entering only the words, **Weight in pounds**.

Click on the word, **Report**, in the center at the top of the table, right-click, and choose **Delete** from the dialog box.

Pivot Table Report

File   Edit   View   Insert   Pivot   Format   Help

Statistics **Mean**

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/F	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Fem
Weight in pounds	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95	154
Health State	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77	3

The resulting table is much more readable. You can then add the deleted information to clarify the table output. Open the **Insert** menu and choose **Title** as in the following:

Pivot Table Report

File   Edit   View   Insert   Pivot   Format   Help

Statistics **Mean**

Title
Caption
Footnote
Row ▶
Column ▶

	<65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/F	
		Total	Male	Female	Total	Male	Female	Total	Male	Fem
Weight in pounds		176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95	154
Health State		3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77	3

Type in a new title for the table. The final result appears below.

Pivot Table Report											
File Edit View Insert Pivot Format Help											
Mean of Respondent's Weight w/Health Assessment: By Beneficiary Status and Gender: West Region											
Statistics **Mean**											
	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/Fam 65	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Weight in pounds	184.22	145.78	176.40	178.67	155.35	156.66	203.76	162.55	179.49	184.95	154.89
Health State	3.83	3.77	3.82	3.88	3.81	3.82	3.48	3.54	3.51	3.77	3.56

After all the editing changes have been made, exit the Pivot Table editor and return to the output navigator. Click on the File menu and choose Print Preview. Zoom in on the page and review the appearance of the report. The page will appear as the page below.

*Output1 [Document1] - IBM SPSS Statistics Viewer

| Print | Next Page | Prev Page | Two Page | Zoom In | Zoom Out | Page Setup | Close |

Mean of Respondent's Weight w/Health Assessment: By Beneficiary Status and Gender: West Reg

Mean

	Active Duty <65			Family of Active <65			Ret/Surv/
	Male	Female	Total	Male	Female	Total	Male
Weight in pounds	184.22	145.78	176.40	178.67	155.35	156.66	203.76
Health State	3.83	3.77	3.82	3.88	3.81	3.82	3.48

Mean of Respondent's Weight w/Health Assessment: By Beneficiary Status and Gender: West Reg

Mean

	Ret/Surv/Fam <65		Ret/Surv/Fam 65+			Total	
	Female	Total	Male	Female	Total	Male	Female
Weight in pounds	162.55	179.49	184.95	154.89	171.21	190.52	157.48
Health State	3.54	3.51	3.77	3.56	3.67	3.70	3.62

Mean of Respondent's Weight w/Health Assessment: By Beneficiary Status and Gender: West Reg

Mean

Page 1   SPSS Statistics Processor is ready

Calculating Percents

The **Crosstabs** procedure offers many options for analyzing data. The distribution of cases resulting from "crossing" one variable with another is often of interest. The number of cases, row percentages, column percentages, total percentages, and residuals are easily reproduced by **Crosstabs**. A full array of statistics is also available.

The examples given here involve examining relationships between variables, with a view toward the number of cases and the percent of cases in cells produced by "crossing" the variables.

For example, suppose you want to see the percentage of people within each branch of service who answered "yes" or "no" to the question, "Did you ever smoke at least 100 cigarettes in your life?" The variables in this analysis are **svcsmpl** – the branch of service, and **H17052** – the questionnaire variable. The cases for the analysis are from the South only.

The first task is to build a new filter variable, assigning **1** to the variable when **XTNEXREG = 2**. You would call the variable **filtr_6** and build it the same way you built the filter, **filtr_3**. Cases from the South are selected when you activate the filter, and the other cases are filtered out. Check the status line for **Filter On**.

Next, open the **Analyze** menu in the **Data Window**, choosing **Descriptive Statistics** and **Crosstabs** , as shown below.
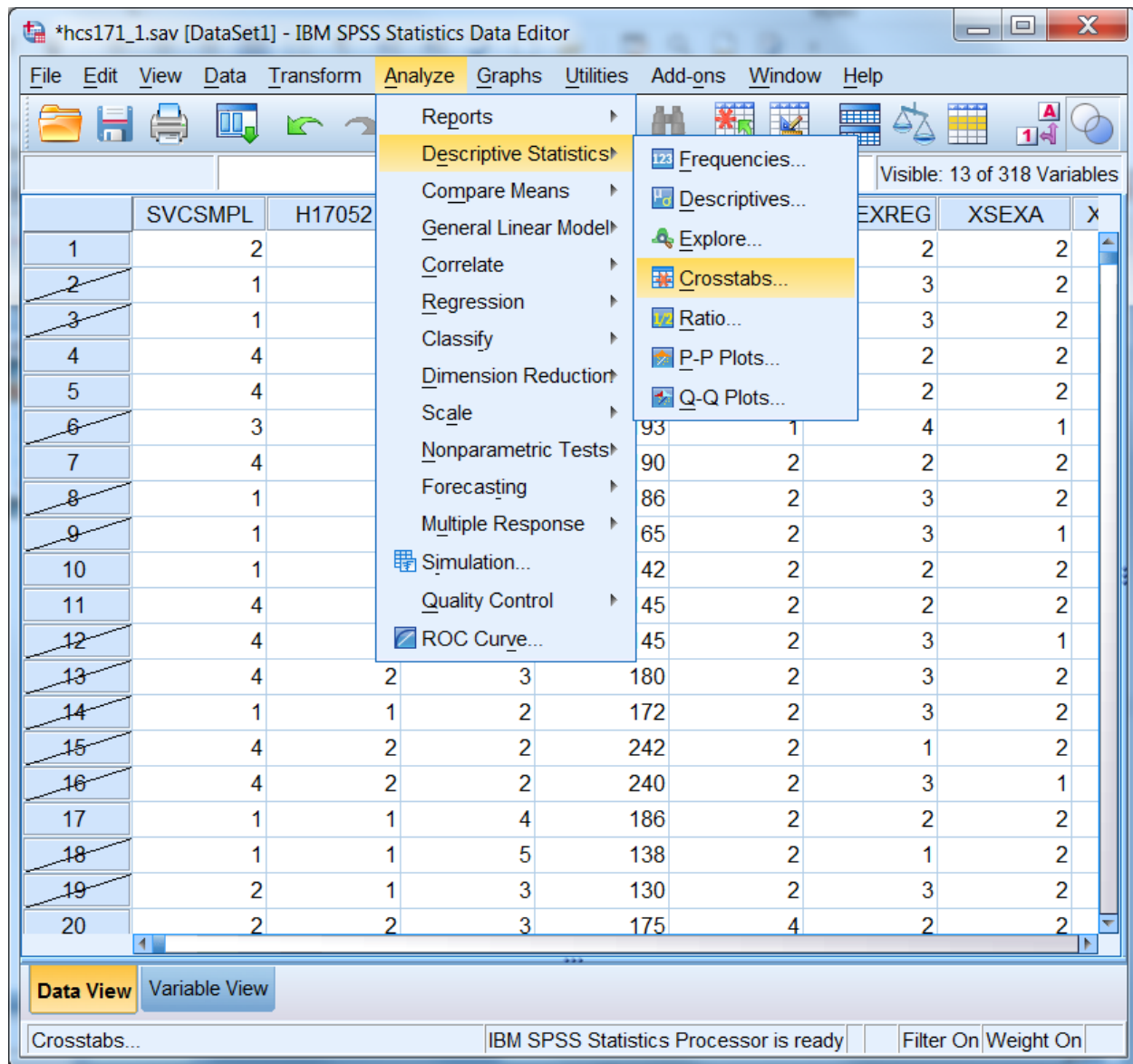
The **Crosstabs** dialog box will open as follows:
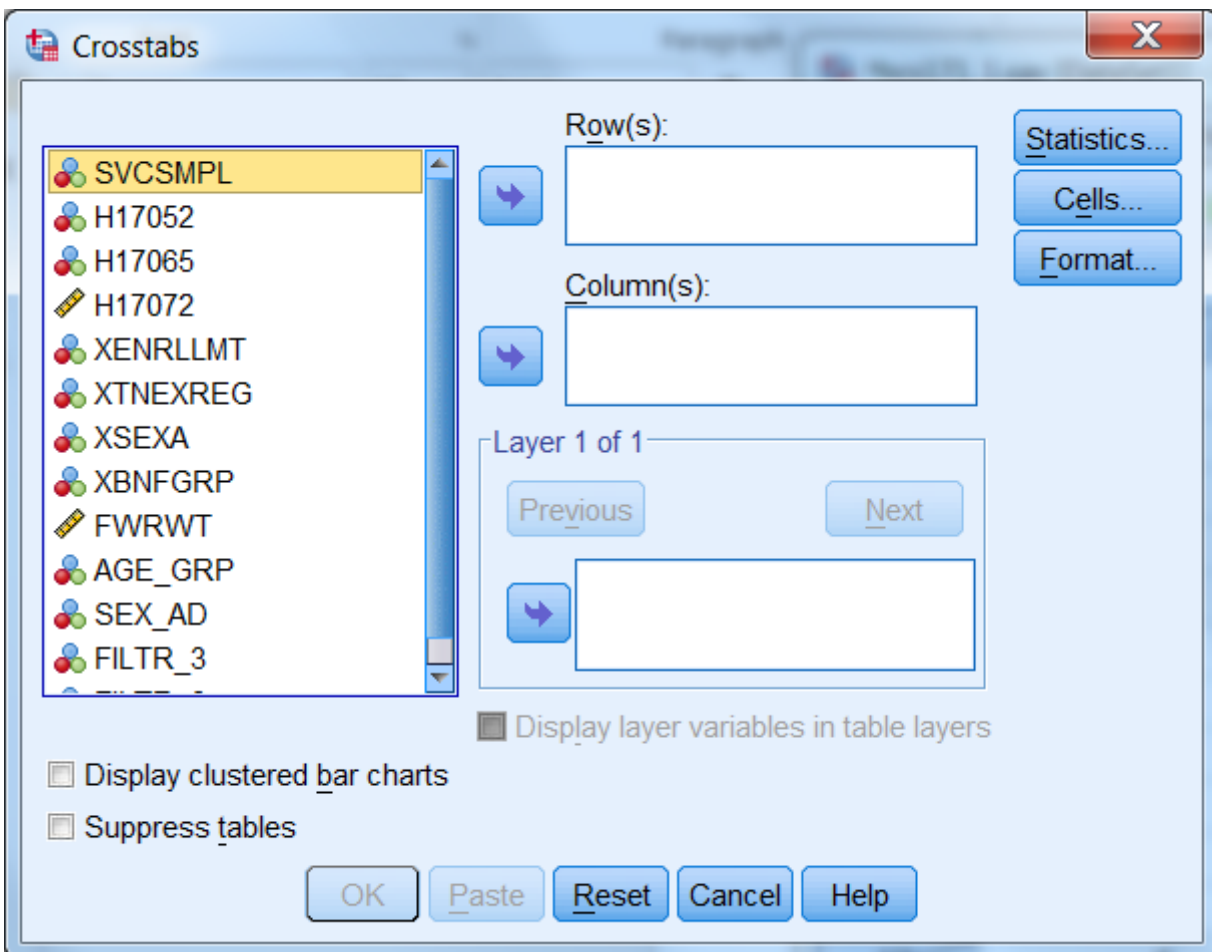
Move **H17052** from the variable list on the left into the box marked **Row(s):**, and move the variable **svcsmpl** into the box marked **Column(s):**. The screen will resemble the following:
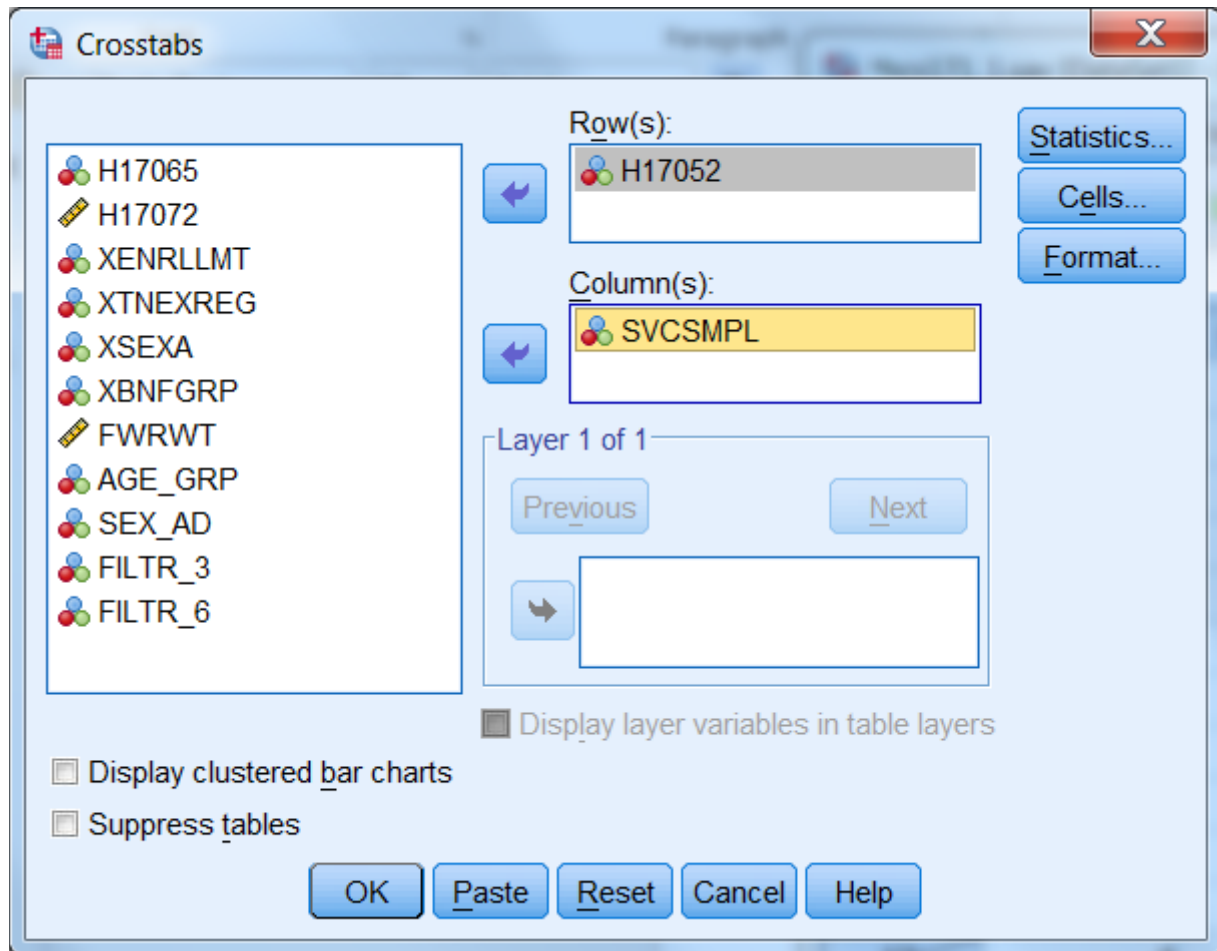
For this analysis, there are no **Layer** variables, so you can proceed to format the table cells.

Click on **Cells...** and open the following dialog box.
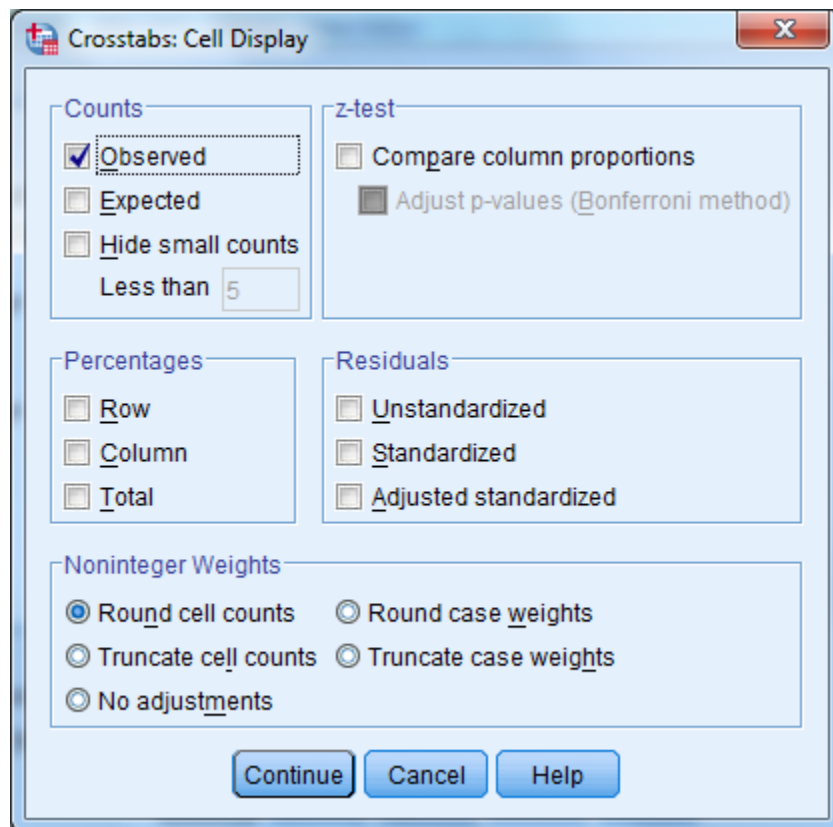
Under **Counts, Observed** is checked. This refers to the cell count, a statistic you want to see, so you would leave it checked. Under **Percentages**, check **Column** because you are interested in the percentage of people in each branch of service. Click **Continue** and return to the original screen.

Suppose you also want to see the chi-square statistic. Click on **Statistics**, and the following screen will open:
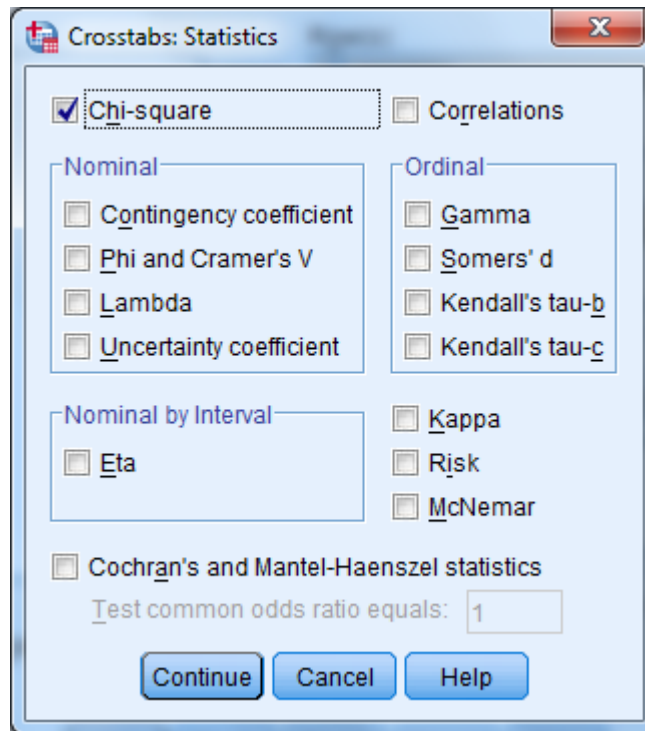
If you wanted to calculate chi-square, you would check **Chi-square** as in the screen above, click **Continue** to return to the first screen, and click **OK** to run the procedure. **Running Crosstabs** will appear on the status line, together with the case counter. For this crosstabulation we will not reflect the chi-square statistics.

When the run is completed, the output window will open, and you can proceed to reformat the table. For a given work session, SPSS appends new output to previous output--in our case, the **Means** procedure. As shown in the next screen, a second section now appears in the left pane, headed by the word **Crosstabs**. Navigate to the **Title** section and double-click inside the title box to change the text in the box to fit the table, as in the example below.

As you did for the **Means** procedure, you would again evaluate the **Notes** and examine the **Case Processing Summary**. Hide the **Notes** and the **Case Processing Summary** as you did before.

Right click inside the table and navigate to **Edit Content**, followed by **In Separate Window**. This will open an **SPSS Pivot Table Object**, as follows:

Pivot Table Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation

File   Edit   View   Insert   Pivot   Format   Help

Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation

			SVCSMPL - Branch of Service						Total
			Army	Navy	Marine Corps	Air Force	Coast Guard	Other/Unknown	
Smoked at least 100 cigarettes in life	Yes	Count	288818	164752	49781	285272	23863	0	812486
		% within SVCSMPL - Branch of Service	32.0%	36.8%	41.8%	35.7%	46.5%	0.0%	34.9%
	No	Count	613406	283364	69209	514444	27408	5161	1512992
		% within SVCSMPL - Branch of Service	68.0%	63.2%	58.2%	64.3%	53.5%	100.0%	65.1%
Total		Count	902224	448116	118990	799716	51271	5161	2325478
		% within SVCSMPL - Branch of Service	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

The information you requested is in the table, but the table is hard to read. The first possibility is to realign the percent statistic, bringing it into the row dimension. To do this, open the **Pivot** menu and choose **Pivoting Trays**, as in the following screen:

Pivot Table Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation

File   Edit   View   Insert   Pivot   Format   Help

Reorder Categories   ▶

Transpose Rows and Columns

☐ Pivoting Trays

Go to Layers...

/CSMPL - Branch of Service Crosstabulation

				SVCSMPL - Branch of Service					Total
				Navy	Marine Corps	Air Force	Coast Guard	Other/Unknown	
Smoked at least 100 cigarettes in life	Y			164752	49781	285272	23863	0	812486
		Branch of Service	32.0%	36.8%	41.8%	35.7%	46.5%	0.0%	34.9%
	No	Count	613406	283364	69209	514444	27408	5161	1512992
		% within SVCSMPL - Branch of Service	68.0%	63.2%	58.2%	64.3%	53.5%	100.0%	65.1%
Total		Count	902224	448116	118990	799716	51271	5161	2325478
		% within SVCSMPL - Branch of Service	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

The pivoting tool will appear:
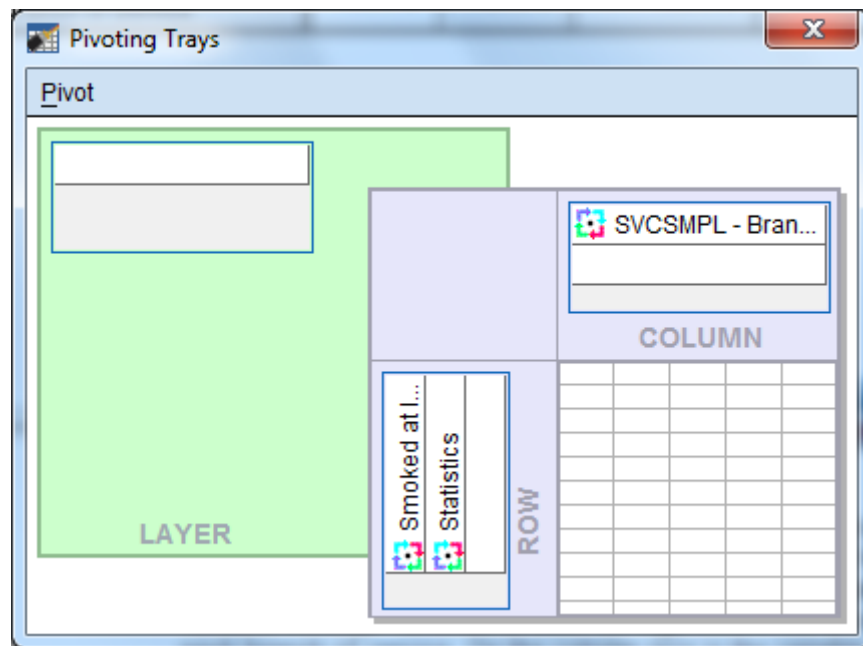
This tool reflects the table structure: rows, columns, and layers. The icons in the margins of the pivoting trays represent the table elements: the variables and the cell statistics. Place the mouse pointer on each icon and notice the element name appear. In this example, on the ROW axis, you would find the variable, **H17052** – smoked at least 100 cigarettes in life, and **Statistics** – the percent of people in each branch of service. On the column axis is the variable, **svcsmpl** – the branch of service.

Place the mouse pointer on the **Statistics** icon. Click and drag the icon from the ROW to the COLUMN dimension. The table immediately reformats as in the following screen:

Close the pivoting tool and scroll from side to side in the table. Again, the table appears too wide, but the report will print properly. Notice that the table is much more readable.

The label at the top of the table is the **Variable Label** for **svcsmpl**. Select it by double-clicking and edit it for clarity (see the screen below).

Next, edit the text in the table label so that it better expresses the content of the table.

The table is now formatted to accommodate the long percent label, creating a lot of wasted space. Double-click this element, delete the text, and replace it with the word, "Percent". The empty space disappears and the table appears as follows:

Pivot Table Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation

File   Edit   View   Insert   Pivot   Format   Help

Smoked at Least 100+ Cigarettes in Life: By Branch of Service: South Region

		Branch of Service									
		Army		Navy		Marine Corps		Air Force		Coast Guard	
		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Smoked at least 100 cigarettes in life	Yes	288818	32.0%	164752	36.8%	49781	41.8%	285272	35.7%	23863	46.5%
	No	613406	68.0%	283364	63.2%	69209	58.2%	514444	64.3%	27408	53.5%
Total		902224	100.0%	448116	100.0%	118990	100.0%	799716	100.0%	51271	100.0%

Last, notice that the label for **H17052** is awkward. Select and clear it.

The finished table appears as follows:

Pivot Table Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation

File   Edit   View   Insert   Pivot   Format   Help

Smoked at Least 100+ Cigarettes in Life: By Branch of Service: South Region

		Branch of Service													Total
		Army		Navy		Marine Corps		Air Force		Coast Guard		Other/Unknown		
		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count
	Yes	288818	32.0%	164752	36.8%	49781	41.8%	285272	35.7%	23863	46.5%	0	0.0%	812486
	No	613406	68.0%	283364	63.2%	69209	58.2%	514444	64.3%	27408	53.5%	5161	100.0%	1512992
Total		902224	100.0%	448116	100.0%	118990	100.0%	799716	100.0%	51271	100.0%	5161	100.0%	2325478

Check **Print Preview** to see if the table is acceptable.

The last example shows you how to add a **Layer** dimension to a **Crosstabs** analysis. Using the same row variable, **H17052**, suppose you want to look at the percentage of people by their enrollment status in TRICARE Prime, **xenrllmt**, who smoked at least 100 cigarettes in their lifetime. Suppose you are also interested in sex differences, **xsexa**, among the groupings. **Xsexa** is the **Layer** variable. You want to remain in the South region, using **filtr_6** as the filter variable. The cases will be weighted by **FWRWT**.

The status line indicates **Weight On** and **Filter On**. Verify that both the weight and the filter variables are appropriate.

Once more, open the **Crosstabs** dialog box, enter the analysis variables, and set the **Cells** options, checking **Column** under **Percentages** until the dialog box looks like the following:
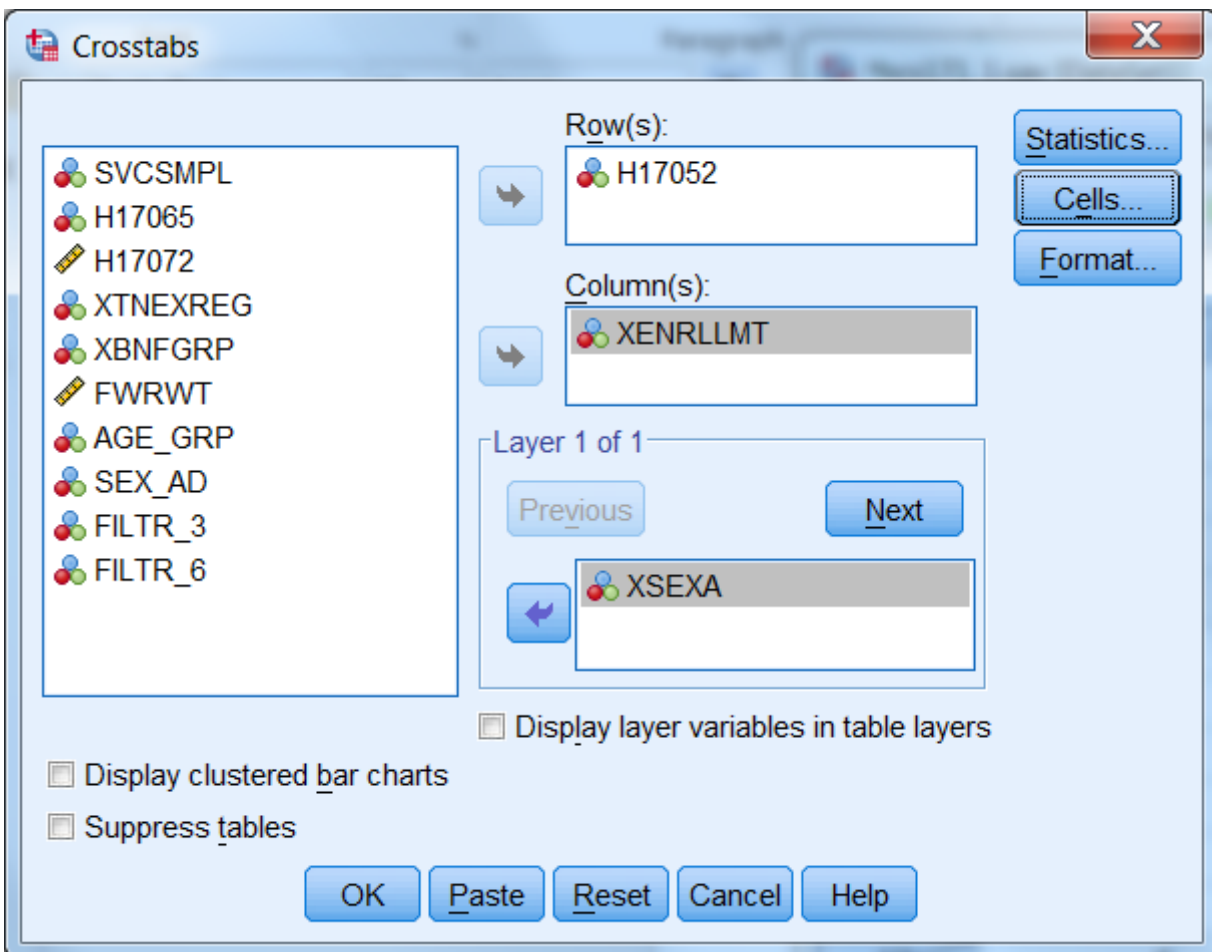
Do the following:

- Run Crosstabs.

- Edit the **Title** element in the **Output Navigator**.

- Examine **Notes** and the **Case Processing Summary** to verify that the crosstab ran as expected.

- Open the table as an **SPSS Pivot Table Object,** and the following will appear:

Pivot Table Smoked at least 100 cigarettes in life * Enrollment in TRICARE Prime * Male or Female - R Crosstabulation							

File   Edit   View   Insert   Pivot   Format   Help

Smoked at least 100 cigarettes in life * Enrollment in TRICARE Prime * Male or Female - R Crosstabulation								
				Enrollment in TRICARE Prime					
Male or Female - R				Active Duty - under 65	Enrolled - under 65	Not enrolled - under 65	Not enrolled - 65 or over	Enrolled - 65 or over	Total
Male	Smoked at least 100 cigarettes in life	Yes	Count	62850	103690	33476	264705	24931	489652
			% within Enrollment in TRICARE Prime	26.5%	42.4%	18.1%	64.9%	57.1%	43.8%
		No	Count	174470	140710	151719	143364	18709	628972
			% within Enrollment in TRICARE Prime	73.5%	57.6%	81.9%	35.1%	42.9%	56.2%
	Total		Count	237320	244400	185195	408069	43640	1118624
			% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Female	Smoked at least 100 cigarettes in life	Yes	Count	12575	128357	86810	89895	0	317637
			% within Enrollment in TRICARE Prime	25.9%	26.4%	29.9%	25.1%	0.0%	26.6%
		No	Count	35960	357076	203825	267882	12465	877208
			% within Enrollment in TRICARE Prime	74.1%	73.6%	70.1%	74.9%	100.0%	73.4%
	Total		Count	48535	485433	290635	357777	12465	1194845
			% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Total	Smoked at least 100 cigarettes in life	Yes	Count	75425	232047	120286	354600	24931	807289
			% within Enrollment in TRICARE Prime	26.4%	31.8%	25.3%	46.3%	44.4%	34.9%
		No	Count	210430	497786	355544	411246	31174	1506180
			% within Enrollment in TRICARE Prime	73.6%	68.2%	74.7%	53.7%	55.6%	65.1%
	Total		Count	285855	729833	475830	765846	56105	2313469
			% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

The table is difficult to read, but you can improve it by doing the following.

Select the **Pivot** menu to activate the **Pivoting Trays**. The table structure is reproduced in the tool as follows:
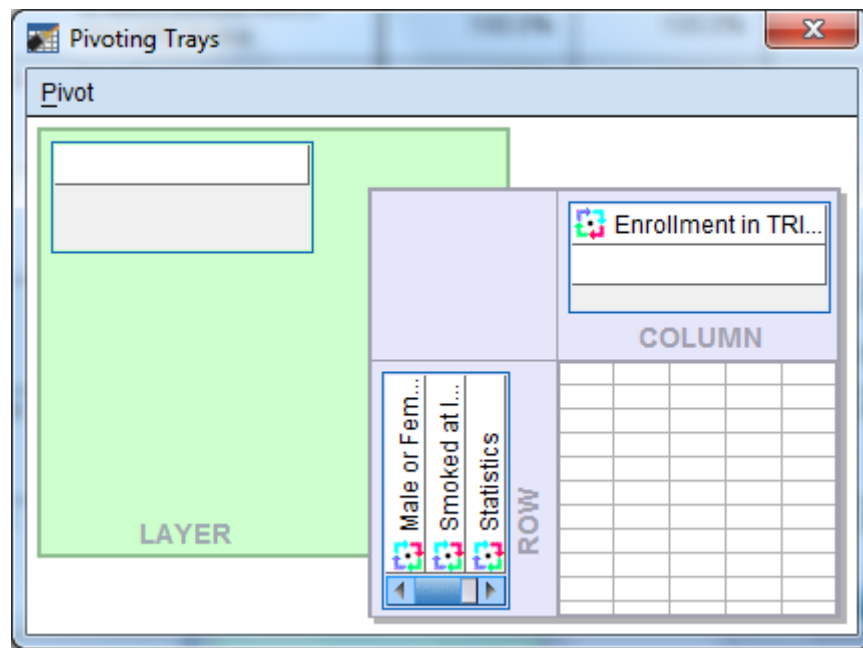
Place the mouse pointer on each small icon to find the second grouping variable, labeled **Male or Female - R**, in the ROW dimension. Move it to the COLUMN dimension, and the table changes to the following:

| | | | Active Duty - under 65 | | | Enrolled - under 65 | | | Not enrolled - u | |
| | | | Male or Female - R | | | Male or Female - R | | | Male or Fema | |
			Male	Female	Total	Male	Female	Total	Male	Female
Smoked at least 100 cigarettes in life	Yes	Count	62850	12575	75425	103690	128357	232047	33476	8681(
		% within Enrollment in TRICARE Prime	26.5%	25.9%	26.4%	42.4%	26.4%	31.8%	18.1%	29.99
	No	Count	174470	35960	210430	140710	357076	497786	151719	20382!
		% within Enrollment in TRICARE Prime	73.5%	74.1%	73.6%	57.6%	73.6%	68.2%	81.9%	70.19
Total		Count	237320	48535	285855	244400	485433	729833	185195	29063!
		% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Then drag the **Statistics** icon to the COLUMN dimension to produce the following change:

Close the **Pivoting Trays** and hide the dimension label, **Male or Female - R**, in the table. Then, change the percent label to "Percent" and delete the label for **H17052** in the row dimension. Last, revise the label above the table to make it more informative.

The resulting table is both clear and informative.

Pivot Table Smoked at least 100 cigarettes in life * Enrollment in TRICARE Prime * Male or Female - R Crosstabulation

File   Edit   View   Insert   Pivot   Format   Help

South Region: Smoked 100+ Cigarettes in Life: Enrollment Status by Gender

| | | Active Duty - under 65 | | | | | | Enrolled - under 65 | | | | | | | |
| | | Male | | Female | | Total | | Male | | Female | | Total | | Male | |
		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
	Yes	62850	26.5%	12575	25.9%	75425	26.4%	103690	42.4%	128357	26.4%	232047	31.8%	33476	18.1%
	No	174470	73.5%	35960	74.1%	210430	73.6%	140710	57.6%	357076	73.6%	497786	68.2%	151719	81.9%
Total		237320	100.0%	48535	100.0%	285855	100.0%	244400	100.0%	485433	100.0%	729833	100.0%	185195	100.0%

The Print Preview, as in the view below, shows how the report will print.

South Region: Smoked 100+ Cigarettes in Life: Enrollment Status by Gender

	Enrollment in TRICARE Prime							
	Active Duty - under 65						Enrolled - under 65	
	Male		Female		Total		Male	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	62850	26.5%	12575	25.9%	75425	26.4%	103690	42.4%
No	174470	73.5%	35960	74.1%	210430	73.6%	140710	57.6%
Total	237320	100.0%	48535	100.0%	285855	100.0%	244400	100.0%

South Region: Smoked 100+ Cigarettes in Life: Enrollment Status by Gender

	Enrollment in TRICARE Prime							
	Enrolled - under 65				Not enrolled - under 65			
	Female		Total		Male		Female	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	128357	26.4%	232047	31.8%	33476	18.1%	86810	29.9%
No	357076	73.6%	497786	68.2%	151719	81.9%	203825	70.1%
Total	485433	100.0%	729833	100.0%	185195	100.0%	290635	100.0%

South Region: Smoked 100+ Cigarettes in Life: Enrollment Status by Gender

CALCULATING VARIANCES OF ESTIMATES

Sampling error occurs when estimates are derived from a sample rather than a complete census of the population. The sample used for a particular survey is only one of a large number of possible samples of the same size and design that could have been selected. Even if the same questionnaire and instructions were used, the estimates from each sample would differ from the others. The standard error (or square root of the variance) indicates the magnitude of the sampling error and thus measures the precision expected from a particular sample.

It is desirable to assess the accuracy of an estimate. The standard error of a survey estimate measures the precision with which an estimate from one sample approximates the true population value. The standard error can be used to construct confidence intervals for survey parameters, within which the true parameter lies within a measurable degree of certainty.

This section explains how to estimate standard errors or variances for estimators computed from the Quarter I, 2017 Adult HCSDB. For a full discussion of variance estimation methods, see Wolter (1985) and references cited therein.

Variance Estimation Methods

The 2017 HCSDB uses a stratified sample design. To account for complex estimators for the sample design[1], it is customary to use either Taylor series linearization or a resampling method for variance estimation. Neither variance estimation method is, in general, better so the choice of one or the other is largely a matter of convenience. To help users to estimate standard errors using Taylor series linearization or Jackknife replication, the public release files for the Quarter I, 2017 Adult HCSDB include the following variables:

- The stratum variable (STRATUM) for the Taylor series linearization method

- Quarterly final weight (FWRWT)

- Quarterly jackknife replicate weights (FWRWT01 to FWRWT60)

Three popular software packages are available for performing Taylor series linearization method: SAS/STAT version 8.0 or higher, SUDAAN (Research Triangle Institute, 2001) and WesVarPC (Brick et al. 1996), respectively. The last two software packages can be used for replication methods including Jackknife variance estimation . The discussion below explains how SUDAAN and SAS are used to calculate variance estimates using Taylor series linearization method, and how SUDAAN and WesVarPC are used to calculate variance estimates using Jackknife replication method.

Taylor Series Linearization Method

For most sample designs (including the Quarter I, 2017 Adult HCSDB), design-based variance estimates for linear estimators of totals or means can be obtained with explicit formulas. However, nonlinear functions such as ratios do not have exact expressions for the variance. The Taylor series linearization method approximates the variance of a nonlinear estimator with the variances of the linear terms from the Taylor series expansion. Woodruff (1971) presented applications of this technique to sample surveys. Details on this method can also be found in "The 2017 Health Care Survey of DoD Beneficiaries: Adult Technical Manual".

To calculate variance estimates based on the Taylor series linearization method with HCSDB's stratified sampling design, both the stratum variable (STRATUM) and the final weight (FWRWT) specified for each data record are needed.

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[1] The 2017 HCSDB uses a stratified sampling design. For details, see "Health Care Survey of DoD Beneficiaries: 2017 Adult Sampling Report." Washington, DC: Mathematica Policy Research, October 2016.

SUDAAN

SUDAAN incorporates the final analysis weight and the survey design to obtain estimates and their sampling errors. With a small overall sampling rate of about 1 percent, you can use the with-replacement design procedure (STRWR) in calculating standard errors.

All SUDAAN procedures require the following:

- The specification of sampling design. The terminology for the stratified with-replacement sample design is DESIGN = STRWR.

- The data file sorted by the variable specified in the NEST statement. For the Quarter I, 2017 Adult HCSDB, the data file for adults must be sorted by STRATUM before using any SUDAAN procedure.

- A FILE TYPE appropriate for SUDAAN, if you use a stand-alone SUDAAN program. For example, some SUDAAN PC versions under Windows or MS-DOS accept only V6.02 through V6.04 SAS files, and FILE TYPE must be specified as SAS. SAS-callable SUDAAN is also available and can be invoked directly in a SAS program with any available SAS file as input; FILE TYPE is not needed here.

- The WEIGHT variable is FWRWT.

The following program is an example of how to use SUDAAN to calculate variance estimates for a mean statistic. Suppose you want to estimate:

- The rating of a specialist (H17031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H17052=1) for each TNEX region (XTNEXREG)

```
PROC DESCRIPT DATA=HCSDB /*FILETYPE=SAS*/ DESIGN=STRWR;
WEIGHT          FWRWT;
NEST            STRATUM;
SUBPOPN         H17052=1;
SUBGROUP        XTNEXREG;
LEVELS          4;
VAR             H17031;
RUN;
```

The following program is an example of how to use SUDAAN to calculate variance estimates for column percentages or row percentages. Suppose you want to estimate:

- A cross tabulation of respondents in TNEX region 3 who last had a blood pressure reading less than 12 months ago, 1 to 2 years ago, and more than 2 years ago (H17049) by TRICARE enrollment (XENRLLMT).

```
PROC CROSSTAB DATA=HCSDB /*FILETYPE=SAS*/ DESIGN=STRWR;
WEIGHT          FWRWT;
NEST            STRATUM;
SUBPOPN         XTNEXREG = 3;
SUBGROUP        H17049 XENRLLMT;
LEVELS          3 5;
TABLES          H17049 *XENRLLMT;
RUN;
```

From the above examples, users should note that:

- PROC DESCRIPT can be used to compute estimates of means and the corresponding standard errors.

- PROC CROSSTAB can be used to compute estimates of proportions and the corresponding standard errors.

For a more detailed and complete discussion of how to use SUDAAN, see Research Triangle Institute (2001).

SAS

SAS/STAT version 8.0 and higher provide procedures for survey sampling. These procedures can be used to analyze data from a stratified random sampling. These procedures include:

- PROC SURVEYMEANS: for estimating population means, totals, and proportions, including domain (subpopulation) estimates

- PROC SURVEYREG: for performing linear regression model fitting.

The following procedures were added to SAS/STAT version 9.0:

- PROC SURVEYFREQ: for constructing one-way frequency tables, two-way and multiway crosstabulation tables, and estimating population totals and proportions

- PROC SURVEYLOGISTIC: for performing cumulative logit regression model fitting, logit, complementary log-log, and probit link functions, and generalized logit regression model fitting.

The above procedures currently provide only the Taylor series linearization method to estimate standard error or variance of the estimate.

The following program is an example of how to use SAS/STAT to calculate variance estimates for a mean statistic. Suppose you want to estimate:

- The rating of a specialist (H17031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H17052=1) for each TNEX region (XTNEXREG)

```
PROC SURVEYMEANS DATA=HCSDB;
WEIGHT          FWRWT;
STRATA          STRATUM;
DOMAIN          H17052 * XTNEXREG;
VAR             H17031;
RUN;
```

The above codes will provide output for H17052=1 and 2. User only needs to use output from H17052=1.

The following program is an example of how to use SAS/STAT to calculate variance estimates for column percentages or row percentages. Suppose you want to estimate:

- A cross tabulation of respondents in each TNEX region who last had a blood pressure reading less than 12 months ago, 1 to 2 years ago, and more than 2 years ago (H17049) by TRICARE enrollment (XENRLLMT).

```
PROC SURVEYFREQ DATA=HCSDB;
WEIGHT          FWRWT;
STRATA          STRATUM;
TABLES          XTNEXREG * H17049 * XENRLLMT;
RUN;
```

For a more detailed and complete discussion of how to use SAS/STAT, see SAS Institute Inc. (1999) and SAS Institute Inc. (2004).

Jackknife Replication Method

Another popular way to estimate the variance is to use a resampling method such as Jackknife replication, balanced repeated replication, random groups, or the bootstrap method. Like other replication methods, Jackknife replication constructs a number of subsamples (replicates) from the full sample and computes the statistics of interest for each replicate (with the same formula as the full sample estimate). The mean square error of the replicate estimates around their corresponding full estimate provides an estimate of the sampling variance of the statistic of interest regardless of the functional form of the statistic.

There are 60 replicate weights (FWRWT01-FWRWT60) for the Quarter I, 2017 Adult HCSDB file. Construction of these weights is described in the "2016 Health Care Survey of DoD Beneficiaries: Adult Technical Manual". With the replicate weights, you can produce Jackknife standard errors using in-house or custom-written software, or you can use a publicly available software package such as WesVarPC or SUDAAN 8. Because WesVarPC 2.02 is available as freeware on the World Wide Web (http://www.westat.com/wesvar/demo/index.html), the example below explains how it is used to produce Jackknife variance estimates for statistics from the Quarter I, 2017 Adult HCSDB.

Suppose you want to estimate the mean rating of the specialist seen most often (H17031) among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H17052=1) for each region (XTNEXREG). You would use SUDAAN or WesVarPC as follows.

SUDAAN

```
PROC DESCRIPT DATA=HCSDB DESIGN=JACKKNIFE;
WEIGHT     FWRWT ;
JACKWGTS   FWRWT1-FWRWT60 / ADJJACK=1 ;
SUBPOPN    H17052=1;
SUBGROUP   XTNEXREG;
LEVELS     4;
VAR        H17031 ;
OUTPUT     NSUM MEAN SEMEAN / TABLECELL=DEFAULT FILENAME=OUT1 ;
RUN;
```

WESVARPC

▪ **Create a SAS V6.04 file, SAS Transport file, or ASCII file.** WesVarPC has a restriction for the input data format. All files must be converted to one of these three types of files before being imported to WesVarPC.

▪ **Create a WesVarPC data file.** From the *Prep* menu, choose the *Import Data Files* screen and import all variables for the analysis. For this example, input H17052, H17031, and XTNEXREG into the *Variables* box, FWRWT1-FWRWT60 into the *Replicates* box, and MPRID into the *ID* box. Also specify the replication method as JK1 on this screen.

- **Create a data file for the subpopulation**. Specify the subpopulation by choosing the *Subpop WesVarPC Data File* from the *Prep* menu: H17052=1.

- **Calculate estimates.** From the *Tables* menu, choose *New* and select the file created from the above procedure. Then, from the *Table Request* screen, specify H17031 as the *Analysis* variable, MEAN (H17031) as the *Compute Statistics*, and XTNEXREG as the *Table*.

The above steps can also be followed to produce standard errors. The WesVarPC user's manual (Brick et al. 1996) provides other possible methods for producing standard errors. The latest WesVarPC 4.0 is no longer freeware and can be purchased from Westat.

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Chapter

5

Codebook

This chapter describes every variable in the database. This codebook will also be helpful in identifying which data are available for various analyses, and what, if any, recoding of variables will meet your needs. It may also be useful in reviewing output.

The variables are in order based on their order in the database. An alphabetical listing (see Alphabetical Table of Variables in the Table of Contents) is provided to assist in locating variables.

The codebook contains frequency distributions for both discrete and continuous variables. A discrete variable is one that has only a few values. A continuous variable may have many possible values.

Below are two examples of the presentation of variables in the codebook. For each variable, we include the variable name, definition, weighted and unweighted frequency distributions, and the format value for each value. The first example contains a frequency distribution for a discrete variable.

H17005 -
In last year: facility used most for health care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	29	0.32	26,716	0.36	Did not answer
1	5,599	61.39	2,544,139	34.50	A military facility
2	2,876	31.54	4,210,188	57.10	A civilian facility
3	40	0.44	42,440	0.58	Uniformed Services Fam Hlth Plan facility
4	321	3.52	349,876	4.74	Veterans Affairs (VA) clinic or hospital
5	255	2.80	200,360	2.72	Went to none of listed types of facility

The table below contains an example of a frequency distribution for a continuous variable: age. The frequency does not list every possible value of age individually but instead shows several age ranges that together cover all possible values of age, including 18 and younger and 86 and older. You will notice that the second to last range representing ages "75 to 85 years" includes 122 respondents aged 75 to 85.

RDAGEQY -
Age at time of sample preparation-Capped (18 and below, 86 and above)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
18	65	0.71	95,001	1.29	18 and younger
19 -- 34	2,692	29.52	1,910,899	25.92	19--34
35 -- 44	1,839	20.16	756,439	10.26	35--44
45 -- 54	1,764	19.34	798,574	10.83	45--54
55 -- 64	2,389	26.20	1,624,750	22.03	55--64
65 -- 74	233	2.55	1,366,418	18.53	65--74
75 -- 85	122	1.34	735,345	9.97	75--85
86	16	0.18	86,292	1.17	86 and older

MPRID -
Unique MPR identifier

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00244600 -- 16831099	9,120	100.00	7,373,719	100.00	00000001--99999999

SVCSMPL -
Branch of service sampling variable

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,582	28.31	2,699,704	36.61	Army
2	1,798	19.71	1,514,407	20.54	Navy
3	521	5.71	636,563	8.63	Marine Corps
4	3,825	41.94	2,279,517	30.91	Air Force
5	309	3.39	183,045	2.48	Coast Guard
6	85	0.93	60,482	0.82	Other/Unknown

SEXSMPL -
Sex sampling variable

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,909	53.83	3,589,642	48.68	Male
2	4,211	46.17	3,784,077	51.32	Female

STRATUM -
Sampling stratum

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0999911	74	0.81	231,585	3.14	0999911
1000103	31	0.34	1,758	0.02	1000103
1000106	30	0.33	8,388	0.11	1000106
1000301	14	0.15	2,095	0.03	1000301
1000303	23	0.25	4,360	0.06	1000303
1000306	18	0.20	6,473	0.09	1000306
1000401	20	0.22	3,237	0.04	1000401
1000403	81	0.89	7,704	0.10	1000403
1000501	13	0.14	9,763	0.13	1000501
1000503	11	0.12	7,134	0.10	1000503
1000506	3	0.03	1,063	0.01	1000506
1000601	26	0.29	9,007	0.12	1000601
1000603	13	0.14	3,007	0.04	1000603
1000606	24	0.26	7,406	0.10	1000606
1000801	19	0.21	1,749	0.02	1000801
1000803	75	0.82	5,551	0.08	1000803
1000901	21	0.23	5,442	0.07	1000901
1000903	9	0.10	1,597	0.02	1000903
1000906	26	0.29	10,620	0.14	1000906
1001001	23	0.25	9,525	0.13	1001001

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1001003	9	0.10	1,997	0.03	1001003
1001006	9	0.10	2,142	0.03	1001006
1001301	27	0.30	6,083	0.08	1001301
1001303	13	0.14	1,428	0.02	1001303
1001306	12	0.13	2,567	0.03	1001306
1001401	31	0.34	10,785	0.15	1001401
1001403	8	0.09	1,121	0.02	1001403
1001406	15	0.16	8,289	0.11	1001406
1001801	43	0.47	3,478	0.05	1001801
1001803	38	0.42	1,518	0.02	1001803
1001901	31	0.34	3,206	0.04	1001901
1001903	42	0.46	1,871	0.03	1001903
1002401	9	0.10	31,685	0.43	1002401
1002403	12	0.13	19,749	0.27	1002403
1002406	6	0.07	6,530	0.09	1002406
1002601	15	0.16	1,933	0.03	1002601
1002603	38	0.42	3,704	0.05	1002603
1002801	12	0.13	3,864	0.05	1002801
1002803	20	0.22	6,450	0.09	1002803
1002806	13	0.14	3,582	0.05	1002806
1002901	15	0.16	29,504	0.40	1002901
1002903	16	0.18	10,388	0.14	1002903
1002906	19	0.21	31,414	0.43	1002906
1003001	16	0.18	12,265	0.17	1003001
1003003	12	0.13	3,709	0.05	1003003
1003006	9	0.10	1,357	0.02	1003006
1003201	3	0.03	6,947	0.09	1003201
1003203	9	0.10	21,094	0.29	1003203
1003206	10	0.11	19,964	0.27	1003206
1003301	28	0.31	14,224	0.19	1003301
1003303	28	0.31	1,173	0.02	1003303
1003306	16	0.18	2,552	0.03	1003306
1003801	16	0.18	18,896	0.26	1003801
1003803	11	0.12	7,634	0.10	1003803
1003806	17	0.19	16,461	0.22	1003806
1003901	9	0.10	16,190	0.22	1003901
1003903	10	0.11	13,991	0.19	1003903
1003906	11	0.12	17,707	0.24	1003906
1004201	12	0.13	11,613	0.16	1004201
1004203	9	0.10	2,470	0.03	1004203
1004206	18	0.20	8,972	0.12	1004206
1004301	21	0.23	2,948	0.04	1004301
1004303	75	0.82	6,619	0.09	1004303
1004501	14	0.15	5,784	0.08	1004501
1004503	13	0.14	2,893	0.04	1004503
1004506	23	0.25	18,501	0.25	1004506
1004601	27	0.30	2,581	0.03	1004601

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1004603	87	0.95	8,007	0.11	1004603
1004701	21	0.23	13,233	0.18	1004701
1004703	18	0.20	7,953	0.11	1004703
1004706	16	0.18	11,973	0.16	1004706
1004801	8	0.09	11,502	0.16	1004801
1004803	9	0.10	8,645	0.12	1004803
1004806	11	0.12	19,204	0.26	1004806
1004901	7	0.08	7,916	0.11	1004901
1004903	10	0.11	17,541	0.24	1004903
1004906	11	0.12	13,379	0.18	1004906
1005101	32	0.35	5,638	0.08	1005101
1005103	12	0.13	1,274	0.02	1005103
1005106	15	0.16	3,383	0.05	1005106
1005201	19	0.21	30,020	0.41	1005201
1005203	17	0.19	13,852	0.19	1005203
1005206	22	0.24	10,892	0.15	1005206
1005301	35	0.38	4,369	0.06	1005301
1005303	43	0.47	2,270	0.03	1005303
1005501	23	0.25	9,068	0.12	1005501
1005503	15	0.16	2,311	0.03	1005503
1005506	11	0.12	3,750	0.05	1005506
1005601	9	0.10	14,545	0.20	1005601
1005603	5	0.05	1,366	0.02	1005603
1005606	7	0.08	3,500	0.05	1005606
1005701	7	0.08	4,174	0.06	1005701
1005703	11	0.12	13,663	0.19	1005703
1005706	16	0.18	9,129	0.12	1005706
1005801	20	0.22	4,052	0.05	1005801
1005803	14	0.15	1,507	0.02	1005803
1005806	18	0.20	6,005	0.08	1005806
1006001	8	0.09	17,695	0.24	1006001
1006003	15	0.16	22,059	0.30	1006003
1006006	14	0.15	10,231	0.14	1006006
1006101	17	0.19	6,087	0.08	1006101
1006103	16	0.18	3,022	0.04	1006103
1006106	22	0.24	9,812	0.13	1006106
1006201	29	0.32	7,421	0.10	1006201
1006203	9	0.10	1,371	0.02	1006203
1006206	9	0.10	2,864	0.04	1006206
1006401	8	0.09	5,261	0.07	1006401
1006403	14	0.15	5,594	0.08	1006403
1006406	13	0.14	3,817	0.05	1006406
1006601	27	0.30	9,417	0.13	1006601
1006603	13	0.14	2,611	0.04	1006603
1006606	11	0.12	6,639	0.09	1006606
1006701	29	0.32	20,030	0.27	1006701
1006703	15	0.16	3,373	0.05	1006703

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1006706	14	0.15	9,696	0.13	1006706
1006801	18	0.20	4,472	0.06	1006801
1006803	15	0.16	2,497	0.03	1006803
1006806	12	0.13	3,389	0.05	1006806
1006901	22	0.24	17,275	0.23	1006901
1006903	22	0.24	10,604	0.14	1006903
1006906	19	0.21	18,311	0.25	1006906
1007301	17	0.19	9,832	0.13	1007301
1007303	6	0.07	616	0.01	1007303
1007306	16	0.18	5,910	0.08	1007306
1007403	87	0.95	3,134	0.04	1007403
1007501	8	0.09	7,381	0.10	1007501
1007503	13	0.14	4,211	0.06	1007503
1007506	13	0.14	6,360	0.09	1007506
1007601	27	0.30	5,306	0.07	1007601
1007603	34	0.37	2,846	0.04	1007603
1007701	24	0.26	3,401	0.05	1007701
1007703	52	0.57	3,605	0.05	1007703
1007801	19	0.21	9,482	0.13	1007801
1007803	17	0.19	2,526	0.03	1007803
1007806	18	0.20	5,747	0.08	1007806
1007901	12	0.13	11,652	0.16	1007901
1007903	14	0.15	4,455	0.06	1007903
1007906	18	0.20	14,786	0.20	1007906
1008301	24	0.26	4,052	0.05	1008301
1008303	70	0.77	5,838	0.08	1008303
1008601	24	0.26	8,683	0.12	1008601
1008603	31	0.34	2,764	0.04	1008603
1008901	14	0.15	33,286	0.45	1008901
1008903	20	0.22	37,775	0.51	1008903
1008906	13	0.14	15,591	0.21	1008906
1009101	16	0.18	50,169	0.68	1009101
1009103	6	0.07	4,231	0.06	1009103
1009106	11	0.12	7,195	0.10	1009106
1009201	20	0.22	10,581	0.14	1009201
1009203	6	0.07	987	0.01	1009203
1009206	7	0.08	3,346	0.05	1009206
1009401	40	0.44	7,494	0.10	1009401
1009403	26	0.29	1,707	0.02	1009403
1009501	25	0.27	9,505	0.13	1009501
1009503	24	0.26	3,002	0.04	1009503
1009506	25	0.27	10,073	0.14	1009506
1009601	23	0.25	4,500	0.06	1009601
1009603	9	0.10	1,870	0.03	1009603
1009606	16	0.18	7,535	0.10	1009606
1009801	8	0.09	5,934	0.08	1009801
1009803	10	0.11	4,841	0.07	1009803

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1009806	12	0.13	10,581	0.14	1009806
1010001	19	0.21	6,397	0.09	1010001
1010003	15	0.16	5,480	0.07	1010003
1010006	14	0.15	6,050	0.08	1010006
1010101	30	0.33	6,569	0.09	1010101
1010103	11	0.12	1,205	0.02	1010103
1010106	12	0.13	1,989	0.03	1010106
1010301	7	0.08	3,796	0.05	1010301
1010303	11	0.12	3,841	0.05	1010303
1010306	8	0.09	5,069	0.07	1010306
1010401	5	0.05	7,046	0.10	1010401
1010403	11	0.12	3,287	0.04	1010403
1010406	13	0.14	3,866	0.05	1010406
1010501	14	0.15	7,308	0.10	1010501
1010503	13	0.14	5,017	0.07	1010503
1010506	10	0.11	8,468	0.11	1010506
1010801	7	0.08	10,046	0.14	1010801
1010803	13	0.14	19,472	0.26	1010803
1010806	15	0.16	18,749	0.25	1010806
1010901	9	0.10	12,707	0.17	1010901
1010903	11	0.12	4,029	0.05	1010903
1010906	17	0.19	38,084	0.52	1010906
1011001	16	0.18	23,753	0.32	1011001
1011003	11	0.12	24,253	0.33	1011003
1011006	9	0.10	21,316	0.29	1011006
1011201	37	0.41	5,936	0.08	1011201
1011203	33	0.36	1,823	0.02	1011203
1011301	22	0.24	6,824	0.09	1011301
1011303	33	0.36	1,678	0.02	1011303
1011701	11	0.12	6,564	0.09	1011701
1011703	9	0.10	4,869	0.07	1011703
1011706	18	0.20	21,543	0.29	1011706
1011801	24	0.26	5,650	0.08	1011801
1011803	53	0.58	4,839	0.07	1011803
1011901	24	0.26	6,177	0.08	1011901
1011903	7	0.08	1,508	0.02	1011903
1011906	14	0.15	4,230	0.06	1011906
1012001	19	0.21	9,768	0.13	1012001
1012003	13	0.14	5,328	0.07	1012003
1012006	16	0.18	9,476	0.13	1012006
1012101	13	0.14	4,703	0.06	1012101
1012103	14	0.15	4,029	0.05	1012103
1012106	18	0.20	7,646	0.10	1012106
1012201	15	0.16	4,600	0.06	1012201
1012203	14	0.15	4,131	0.06	1012203
1012206	14	0.15	6,061	0.08	1012206
1012301	12	0.13	10,305	0.14	1012301

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1012303	18	0.20	12,119	0.16	1012303
1012306	16	0.18	36,018	0.49	1012306
1012401	7	0.08	22,054	0.30	1012401
1012403	18	0.20	35,565	0.48	1012403
1012406	18	0.20	29,213	0.40	1012406
1012501	8	0.09	13,411	0.18	1012501
1012503	12	0.13	16,183	0.22	1012503
1012506	16	0.18	42,683	0.58	1012506
1012601	7	0.08	7,222	0.10	1012601
1012603	11	0.12	9,941	0.13	1012603
1012606	9	0.10	15,305	0.21	1012606
1012701	21	0.23	5,979	0.08	1012701
1012703	14	0.15	3,617	0.05	1012703
1012706	19	0.21	5,120	0.07	1012706
1012801	28	0.31	4,772	0.06	1012801
1012803	54	0.59	2,870	0.04	1012803
1012901	33	0.36	4,359	0.06	1012901
1012903	46	0.50	2,441	0.03	1012903
1013101	23	0.25	4,571	0.06	1013101
1013103	20	0.22	2,377	0.03	1013103
1023101	27	0.30	9,318	0.13	1023101
1023103	27	0.30	3,725	0.05	1023103
1024801	33	0.36	3,138	0.04	1024801
1024803	35	0.38	2,864	0.04	1024803
1025201	26	0.29	9,454	0.13	1025201
1025203	8	0.09	2,442	0.03	1025203
1025206	12	0.13	5,666	0.08	1025206
1028001	23	0.25	9,739	0.13	1028001
1028003	26	0.29	9,445	0.13	1028003
1030601	35	0.38	11,231	0.15	1030601
1030603	26	0.29	1,227	0.02	1030603
1031001	27	0.30	2,237	0.03	1031001
1031003	38	0.42	2,197	0.03	1031003
1033001	14	0.15	10,838	0.15	1033001
1033003	20	0.22	10,582	0.14	1033003
1036401	21	0.23	5,758	0.08	1036401
1036403	34	0.37	1,337	0.02	1036403
1036601	30	0.33	3,659	0.05	1036601
1036603	22	0.24	3,495	0.05	1036603
1036606	16	0.18	8,750	0.12	1036606
1037801	14	0.15	3,056	0.04	1037801
1037803	16	0.18	6,180	0.08	1037803
1037806	16	0.18	4,656	0.06	1037806
1038501	23	0.25	6,833	0.09	1038501
1038503	23	0.25	4,926	0.07	1038503
1038506	21	0.23	5,054	0.07	1038506
1038701	12	0.13	2,051	0.03	1038701

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1038703	16	0.18	3,237	0.04	1038703
1038706	22	0.24	4,014	0.05	1038706
1040501	12	0.13	2,829	0.04	1040501
1040503	12	0.13	2,978	0.04	1040503
1040506	14	0.15	5,873	0.08	1040506
1040701	14	0.15	3,438	0.05	1040701
1040703	8	0.09	2,743	0.04	1040703
1040706	10	0.11	4,738	0.06	1040706
1050801	33	0.36	10,265	0.14	1050801
1050803	19	0.21	5,363	0.07	1050803
1060701	16	0.18	11,052	0.15	1060701
1060703	11	0.12	11,015	0.15	1060703
1060706	10	0.11	5,866	0.08	1060706
1060901	16	0.18	9,469	0.13	1060901
1060903	11	0.12	11,968	0.16	1060903
1060906	8	0.09	3,414	0.05	1060906
1061201	24	0.26	24,078	0.33	1061201
1061203	3	0.03	1,336	0.02	1061203
1061206	7	0.08	1,922	0.03	1061206
1062001	20	0.22	4,488	0.06	1062001
1062003	26	0.29	3,983	0.05	1062003
1062101	22	0.24	22,678	0.31	1062101
1062103	6	0.07	1,424	0.02	1062103
1062201	23	0.25	17,777	0.24	1062201
1062203	9	0.10	5,952	0.08	1062203
1063301	48	0.53	8,946	0.12	1063301
1063303	11	0.12	3,026	0.04	1063303
1080401	45	0.49	9,410	0.13	1080401
1080403	6	0.07	1,179	0.02	1080403
1080503	98	1.07	4,662	0.06	1080503
1080601	57	0.63	11,822	0.16	1080601
1080603	4	0.04	1,410	0.02	1080603
1621503	108	1.18	5,354	0.07	1621503
1713901	27	0.30	8,936	0.12	1713901
1713903	12	0.13	1,235	0.02	1713903
1713906	21	0.23	2,047	0.03	1713906
1900101	230	2.52	106,030	1.44	1900101
1900103	13	0.14	6,536	0.09	1900103
1900106	14	0.15	6,276	0.09	1900106
1900201	186	2.04	62,993	0.85	1900201
1900203	17	0.19	6,381	0.09	1900203
1900206	22	0.24	8,805	0.12	1900206
1900301	231	2.53	98,351	1.33	1900301
1900303	30	0.33	9,489	0.13	1900303
1900306	28	0.31	12,686	0.17	1900306
1900401	237	2.60	48,927	0.66	1900401
1900403	16	0.18	7,715	0.10	1900403

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1900406	14	0.15	3,589	0.05	1900406
2900102	62	0.68	33,939	0.46	2900102
2900105	196	2.15	217,483	2.95	2900105
2900202	36	0.39	37,065	0.50	2900202
2900205	178	1.95	265,950	3.61	2900205
2900302	79	0.87	31,278	0.42	2900302
2900305	179	1.96	167,464	2.27	2900305
3900104	127	1.39	58,886	0.80	3900104
3900107	200	2.19	480,683	6.52	3900107
3900204	129	1.41	52,560	0.71	3900204
3900207	159	1.74	389,917	5.29	3900207
3900304	117	1.28	49,313	0.67	3900304
3900307	185	2.03	335,451	4.55	3900307
3900404	259	2.84	49,060	0.67	3900404
6900199	137	1.50	692,994	9.40	6900199
6900299	122	1.34	832,690	11.29	6900299
6900399	112	1.23	662,371	8.98	6900399

ENBGSMPL -
Enrollment by beneficiary category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
01	3,202	35.11	1,341,983	18.20	Active Duty
02	178	1.95	105,446	1.43	Active Duty fam,Prime,civ PCM
03	1,293	14.18	599,046	8.12	Active Duty fam,Prime,mil PCM
04	381	4.18	163,504	2.22	Active Duty fam,non-enrollee
05	552	6.05	647,732	8.78	Retired,<65,civ PCM
06	2,274	24.93	844,002	11.45	Retired,<65,mil PCM
07	795	8.72	1,252,366	16.98	Retired,<65,non-enrollee
08	8	0.09	39,032	0.53	Retired,65+,civ PCM
09	34	0.37	174,006	2.36	Retired,65+,mil PCM
10	329	3.61	1,975,017	26.78	Retired,65+,non-enrollee
11	74	0.81	231,585	3.14	TRICARE Reserve Select

MPCSMPL -
Military personnel category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,105	66.94	5,299,683	71.87	Enlisted/Unknown
2	2,746	30.11	1,844,718	25.02	Officer
3	269	2.95	229,317	3.11	Warrant officer

NHFF -
Stratum sample size

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
74 -- 4577	9,120	100.00	7,373,719	100.00	0--9999

QUARTER -
Survey quarter

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
Q1FY2017	9,120	100.00	7,373,719	100.00	Q1FY2017

D_HEALTH -
Health service region

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00	83	0.91	37,362	0.51	No region
13	456	5.00	121,473	1.65	Europe
14	369	4.05	131,799	1.79	Pacific
15	116	1.27	33,161	0.45	Latin America & Canada
17	2,230	24.45	2,352,404	31.90	TNEX Region North
18	2,682	29.41	2,457,424	33.33	TNEX Region South
19	3,184	34.91	2,240,096	30.38	TNEX Region West

TNEXREG -
TRICARE next generation of contracts region grouping

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	2,288	25.09	2,426,075	32.90	North
O	998	10.94	294,557	3.99	Other
S	2,632	28.86	2,400,713	32.56	South
W	3,202	35.11	2,252,373	30.55	West

**SERVAFF -
Service affiliation**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	9	0.10	22,447	0.30	Missing/unknown
A	1,572	17.24	1,472,531	19.97	Army
C	133	1.46	63,257	0.86	Coast Guard
F	3,586	39.32	1,124,406	15.25	Air Force
M	1,153	12.64	1,372,340	18.61	Support Contractor
N	1,640	17.98	1,103,432	14.96	Navy
P	170	1.86	229,183	3.11	National Capital Region Medical Directorate
S	749	8.21	1,840,764	24.96	Noncatchment
T	108	1.18	145,358	1.97	Uniformed Services Family Health Plan

**BWT -
Basic sampling weight**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
4.106 -- 10.397	1,019	11.17	71,614	0.97	Minimum to 10th Percentile
10.578 -- 14.461	1,370	15.02	273,793	3.71	>10th to 25th Percentile
14.635 -- 36.905	2,356	25.83	672,116	9.12	>25th to 50th Percentile
37.689 -- 88.351	2,106	23.09	1,153,053	15.64	>50th to 75th Percentile
88.506 -- 200.217	1,359	14.90	1,956,735	26.54	>75th to 90th Percentile
202.584 -- 1341.754	910	9.98	3,246,407	44.03	>90th to 100th Percentile

**RACEETHN -
Race/Ethnic code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	2,775	30.43	3,256,832	44.17	Missing
A	55	0.60	50,502	0.68	American Indian or Alaskan Native
B	400	4.39	206,573	2.80	Asian or Pacific Islander
C	730	8.00	517,691	7.02	Black(not Hispanic)
D	3,955	43.37	2,362,218	32.04	White(not Hispanic)
E	506	5.55	246,783	3.35	Hispanic
X	146	1.60	71,265	0.97	Other
Z	553	6.06	661,856	8.98	Unknown

**PNSEXCD -
Person gender**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
F	4,211	46.17	3,784,077	51.32	Female
M	4,909	53.83	3,589,642	48.68	Male

RDAGEQY -
Age at time of sample preparation-Capped (18 and below, 86 and above)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
18	65	0.71	95,001	1.29	18 and younger
19 -- 34	2,692	29.52	1,910,899	25.92	19--34
35 -- 44	1,839	20.16	756,439	10.26	35--44
45 -- 54	1,764	19.34	798,574	10.83	45--54
55 -- 64	2,389	26.20	1,624,750	22.03	55--64
65 -- 74	233	2.55	1,366,418	18.53	65--74
75 -- 85	122	1.34	735,345	9.97	75--85
86	16	0.18	86,292	1.17	86 and older

RFLDAGE -
Age at start of fielding period-Capped (18 and below, 86 and above)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
18	56	0.61	89,334	1.21	18 and younger
19 -- 34	2,660	29.17	1,895,243	25.70	19--34
35 -- 44	1,846	20.24	757,339	10.27	35--44
45 -- 54	1,756	19.25	795,520	10.79	45--54
55 -- 64	2,387	26.17	1,606,325	21.78	55--64
65 -- 74	277	3.04	1,408,320	19.10	65--74
75 -- 85	120	1.32	724,664	9.83	75--85
86	18	0.20	96,973	1.32	86 and older

PCM -
Primary manager code (civilian or military)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	1,611	17.66	3,655,859	49.58	Missing/Unknown/NA
CIV	1,018	11.16	864,835	11.73	TRICARE enrollee w/civ PCM
MTF	6,491	71.17	2,853,025	38.69	TRICARE enrollee w/mil PCM

ACV -
Alternate care value

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
A	2,382	26.12	930,513	12.62	Active Duty Prime
B	39	0.43	8,234	0.11	TRICARE Global Remote Overseas Prime Active Duty
E	4,043	44.33	2,033,490	27.58	Non-Active Duty Prime
F	1	0.01	3,165	0.04	TRICARE Global Remote Overseas Prime ADFM
G	119	1.30	194,997	2.64	TRICARE Plus (CHAMPUS/TFL Eligible)
H	539	5.91	155,852	2.11	TRICARE Overseas Prime AD
J	67	0.73	44,690	0.61	TRICARE Overseas Prime ADFM
L	3	0.03	3,475	0.05	TRICARE Plus (w/o civilian healthcare)
M	141	1.55	117,700	1.60	AD not reported as enrolled
Q	61	0.67	90,418	1.23	Active Duty enrolled to Op Forces
R	74	0.81	231,585	3.14	TRICARE Reserve Select
U	98	1.07	128,707	1.75	USFHP/USTF
V	16	0.18	6,618	0.09	TRICARE Retired Reserve
Z	1,537	16.85	3,424,274	46.44	Not enrolled in TRICARE Prime or USFHP

DBENCAT -
Beneficiary category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACT	2,728	29.91	1,174,312	15.93	Active Duty
DA	1,602	17.57	764,111	10.36	Dependent of Active Duty
DGR	227	2.49	93,202	1.26	Dependent of Guard/Reserve
DR	1,515	16.61	2,086,094	28.29	Dependent of Retiree
DS	139	1.52	409,081	5.55	Survivor
GRD	439	4.81	137,297	1.86	Guard/Reserve
IDG	46	0.50	93,438	1.27	Dependent of Inactive Guard
IGR	86	0.94	179,204	2.43	Inactive Guard/Reserve
OTH	10	0.11	12,297	0.17	Other
RET	2,328	25.53	2,424,683	32.88	Retiree

DSPONSVC -
Derived sponsor branch of service

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
A	2,582	28.31	2,699,704	36.61	Army
C	309	3.39	183,045	2.48	Coast Guard
F	3,825	41.94	2,279,517	30.91	Air Force
M	521	5.71	636,563	8.63	Marine Corps
N	1,537	16.85	1,364,485	18.50	Navy
V	261	2.86	149,923	2.03	Navy Afloat
X	85	0.93	60,482	0.82	Other

PATCAT -
Aggregated beneficiary category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACTDTY	3,253	35.67	1,490,812	20.22	Active Duty and Guard/Reserve
DEPACT	1,875	20.56	950,752	12.89	Dependent of Active Duty & Guard/Reserve
NADD65+	371	4.07	2,188,055	29.67	Retiree/Depend of Retir/Surviv/Other 65+
NADD<65	3,621	39.70	2,744,100	37.21	Retiree/Depend of Retir/Surviv/Other <65

PNTYPCD -
Person type code

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
D	3,525	38.65	3,429,216	46.51	Dependent
S	5,595	61.35	3,944,503	53.49	Sponsor

H17001 -
Are you the person listed on the cover letter

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	108	1.18	79,918	1.08	Did not answer
1	8,998	98.66	7,276,717	98.68	Yes
2	14	0.15	17,084	0.23	No

H17002A -
Health plan(s) covered: TRICARE Prime

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,993	76.68	3,290,100	44.62	Marked
2	2,127	23.32	4,083,619	55.38	Not marked

H17002C -
Health plan(s) covered: TRICARE Extra/Standard

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	832	9.12	952,334	12.92	Marked
2	8,288	90.88	6,421,385	87.08	Not marked

H17002N -
Health plan(s) covered: TRICARE Plus

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	74	0.81	61,391	0.83	Marked
2	9,046	99.19	7,312,328	99.17	Not marked

H17002O -
Health plan(s) covered: TRICARE For Life

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	748	8.20	2,420,413	32.82	Marked
2	8,372	91.80	4,953,306	67.18	Not marked

H17002P -
Health plan(s) covered: TRICARE Supplemental Insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	37	0.41	40,423	0.55	Marked
2	9,083	99.59	7,333,295	99.45	Not marked

H17002Q -
Health plan(s) covered: TRICARE Reserve Select

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	133	1.46	228,643	3.10	Marked
2	8,987	98.54	7,145,075	96.90	Not marked

H17002S -
Health plan(s) covered: TRICARE Retired Reserve

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	112	1.23	124,978	1.69	Marked
2	9,008	98.77	7,248,741	98.31	Not marked

H17002T -
Health plan(s) covered: TRICARE Young Adult Prime

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	16	0.18	20,947	0.28	Marked
2	9,104	99.82	7,352,772	99.72	Not marked

H17002V -
Health plan(s) covered: TRICARE Young Adult Extra or Standard

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	26	0.29	48,402	0.66	Marked
2	9,094	99.71	7,325,317	99.34	Not marked

H17002K -
Health plan(s) covered: Uniformed Services Family Health Plan (USFHP)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	80	0.88	89,474	1.21	Marked
2	9,040	99.12	7,284,245	98.79	Not marked

H17002U -
Health plan(s) covered: Continued Health Care Benefit Program (CHCBP)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6	0.07	3,678	0.05	Marked
2	9,114	99.93	7,370,040	99.95	Not marked

H17002F -
Health plan(s) covered: Medicare

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	649	7.12	2,367,989	32.11	Marked
2	8,471	92.88	5,005,730	67.89	Not marked

H17002G -
Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	147	1.61	186,509	2.53	Marked
2	8,973	98.39	7,187,209	97.47	Not marked

H17002H -
Health plan(s) covered: Medicaid

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	24	0.26	44,173	0.60	Marked
2	9,096	99.74	7,329,546	99.40	Not marked

H17002I -
Health plan(s) covered: civilian HMO

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	76	0.83	117,481	1.59	Marked
2	9,044	99.17	7,256,238	98.41	Not marked

H17002J -
Health plan(s) covered: other civilian health insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	416	4.56	514,788	6.98	Marked
2	8,704	95.44	6,858,930	93.02	Not marked

H17002M -
Health plan(s) covered: Veterans Administration (VA)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	685	7.51	572,216	7.76	Marked
2	8,435	92.49	6,801,503	92.24	Not marked

H17002R -
Health plan(s) covered: other Non-US government health insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	35	0.38	10,877	0.15	Marked
2	9,085	99.62	7,362,842	99.85	Not marked

H17002L -
Health plan(s) covered: not sure

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	534	5.86	414,917	5.63	Marked
2	8,586	94.14	6,958,801	94.37	Not marked

H17003 -
Which health plan did you use most in the past 12 months?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	26	0.29	15,759	0.21	Did not answer
D	170	1.86	177,151	2.40	Not sure
N	137	1.50	76,908	1.04	Didn't use any health plan in past year
1	6,649	72.91	3,043,954	41.28	TRICARE Prime
3	584	6.40	658,717	8.93	TRICARE Extra or Standard (CHAMPUS)
4	459	5.03	2,010,406	27.26	Medicare
5	106	1.16	107,955	1.46	Federal Employees Health Benefit Program
6	9	0.10	26,059	0.35	Medicaid
7	48	0.53	78,542	1.07	A civilian HMO
8	324	3.55	403,939	5.48	Other civilian health insurance
9	66	0.72	81,304	1.10	Uniformed Services Family Health Plan
10	254	2.79	258,264	3.50	The Veterans Administration
11	54	0.59	57,384	0.78	TRICARE Plus
12	108	1.18	221,401	3.00	TRICARE Reserve Select
13	28	0.31	8,628	0.12	Govmnt health insrnc frm Non-US cntry
14	70	0.77	85,148	1.15	TRICARE Retired Reserve
15	12	0.13	20,561	0.28	TRICARE Young Adult Prime
16	1	0.01	6,221	0.08	Continued Health Care Benefit Program
17	15	0.16	35,419	0.48	TRICARE Young Adult Extra or Standard

H17004 -
Months or years in a row with health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	43	0.47	27,970	0.38	Did not answer
C	9	0.10	4,774	0.06	Should be skipped
N	298	3.27	249,284	3.38	Valid skip
1	106	1.16	87,507	1.19	Less than 6 months
2	327	3.59	297,819	4.04	6 up to 12 months
3	642	7.04	599,499	8.13	12 up to 24 months
4	1,378	15.11	1,388,436	18.83	2 up to 5 years
5	1,686	18.49	1,551,484	21.04	5 up to 10 years
6	4,631	50.78	3,166,945	42.95	10 or more years

H17005 -
In last year: facility used most for health care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	29	0.32	26,716	0.36	Did not answer
1	5,599	61.39	2,544,139	34.50	A military facility
2	2,876	31.54	4,210,188	57.10	A civilian facility
3	40	0.44	42,440	0.58	Uniformed Services Fam Hlth Plan facility
4	321	3.52	349,876	4.74	Veterans Affairs (VA) clinic or hospital
5	255	2.80	200,360	2.72	Went to none of listed types of facility

H17006 -
In last year: have illness/injury/condition that needed care right away

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3	0.03	2,713	0.04	Did not answer
1	3,840	42.11	3,240,953	43.95	Yes
2	5,277	57.86	4,130,053	56.01	No

H17007 -
In last year: how often got care as soon as you needed it

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	37	0.41	25,582	0.35	Did not answer
C	182	2.00	113,139	1.53	Should be skipped
N	5,095	55.87	4,016,915	54.48	Didn't need care right away in past year
1	111	1.22	49,533	0.67	Never
2	517	5.67	270,122	3.66	Sometimes
3	891	9.77	666,659	9.04	Usually
4	2,287	25.08	2,231,769	30.27	Always

H17008 -
In last year: wait between trying to get care and actually seeing a provider for an illness or injury

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	46	0.50	45,310	0.61	Did not answer
C	183	2.01	106,140	1.44	Should be skipped
N	5,094	55.86	4,023,914	54.57	Didn't need care right away in past year
1	2,163	23.72	2,101,656	28.50	Same day
2	563	6.17	433,457	5.88	1 day
3	315	3.45	180,044	2.44	2 days
4	177	1.94	107,449	1.46	3 days
5	279	3.06	185,198	2.51	4 to 7 days
6	155	1.70	99,606	1.35	8 to 14 days
7	145	1.59	90,944	1.23	15 days or longer

H17009 -
In last year: made appointments for non-urgent health care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	2	0.02	2,206	0.03	Did not answer
1	7,833	85.89	6,520,130	88.42	Yes
2	1,285	14.09	851,382	11.55	No

H17010 -
In last year: how often got appointments for non-urgent health care as soon as you wanted

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	66	0.72	51,418	0.70	Did not answer
C	53	0.58	33,092	0.45	Should be skipped
N	1,232	13.51	818,290	11.10	Didn't have appointment in past year
1	343	3.76	186,782	2.53	Never
2	1,671	18.32	953,476	12.93	Sometimes
3	2,350	25.77	1,723,204	23.37	Usually
4	3,405	37.34	3,607,456	48.92	Always

H17011 -
In last year: days between making an appointment for regular or routine care and actually seeing a provider

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	68	0.75	85,058	1.15	Did not answer
C	53	0.58	37,410	0.51	Should be skipped
N	1,232	13.51	813,972	11.04	Didn't have an appointment in past year
1	444	4.87	539,271	7.31	Same day
2	642	7.04	641,089	8.69	1 day
3	1,675	18.37	1,397,112	18.95	2 to 3 days
4	1,904	20.88	1,537,091	20.85	4 to 7 days
5	1,630	17.87	1,217,672	16.51	8 to 14 days
6	1,105	12.12	734,081	9.96	15 to 30 days
7	367	4.02	370,962	5.03	31 days or longer

H17012 -
In last year: times went to an emergency room for yourself

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	30	0.33	30,107	0.41	Did not answer
1	6,693	73.39	5,307,845	71.98	None
2	1,606	17.61	1,344,964	18.24	1 time
3	508	5.57	445,642	6.04	2 times
4	176	1.93	179,838	2.44	3 times
5	60	0.66	34,868	0.47	4 times
6	42	0.46	27,696	0.38	5 to 9 times
7	5	0.05	2,758	0.04	10 or more times

H17013 -
In last year: times went to a doctor's office or clinic for yourself (not counting times went to an emergency room)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	10	0.11	14,987	0.20	Did not answer
1	1,219	13.37	745,270	10.11	None
2	1,040	11.40	723,435	9.81	1 time
3	1,701	18.65	1,312,955	17.81	2 times
4	1,432	15.70	1,152,234	15.63	3 times
5	1,267	13.89	1,112,632	15.09	4 times
6	1,656	18.16	1,565,785	21.23	5 to 9 times
7	795	8.72	746,422	10.12	10 or more times

H17014 -
In last year: how often talk to doctor or other health care provider about illness prevention

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	56	0.61	44,919	0.61	Did not answer
C	35	0.38	18,608	0.25	Should be skipped
N	1,184	12.98	726,662	9.85	Valid skip
1	1,236	13.55	803,243	10.89	Never
2	2,108	23.11	1,665,527	22.59	Sometimes
3	2,240	24.56	1,998,076	27.10	Usually
4	2,261	24.79	2,116,684	28.71	Always

H17015 -
In last year: doctor or other health care provider talked about more than 1 choice for treatment

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	10	0.11	11,799	0.16	Did not answer
C	32	0.35	18,169	0.25	Should be skipped
N	1,187	13.02	727,101	9.86	Valid skip
1	4,575	50.16	4,000,086	54.25	Yes
2	3,316	36.36	2,616,564	35.49	No

H17016 -
In last year: doctor talked about pros/cons of each treatment/health care choice

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	33	0.36	20,065	0.27	Did not answer
C	86	0.94	48,229	0.65	Should be skipped
N	4,449	48.78	3,313,605	44.94	Valid skip
1	3,005	32.95	2,831,041	38.39	Definitely yes
2	1,314	14.41	999,348	13.55	Somewhat yes
3	159	1.74	113,233	1.54	Somewhat no
4	74	0.81	48,197	0.65	Definitely no

H17017 -
In last year: doctor/health care provider asked which treatment option you thought was best for you when there was more than one choice of treatment

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	38	0.42	29,777	0.40	Did not answer
C	82	0.90	44,189	0.60	Should be skipped
N	4,453	48.83	3,317,645	44.99	Valid skip
1	2,680	29.39	2,432,007	32.98	Definitely yes
2	1,392	15.26	1,214,166	16.47	Somewhat yes
3	297	3.26	204,470	2.77	Somewhat no
4	178	1.95	131,464	1.78	Definitely no

H17018 -
Rating of all health care in last year

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	29	0.32	25,395	0.34	Did not answer
C	38	0.42	22,161	0.30	Should be skipped
N	1,181	12.95	723,109	9.81	I had no visits in the last 12 months
0	44	0.48	21,549	0.29	0
1	46	0.50	36,749	0.50	1
2	95	1.04	46,518	0.63	2
3	153	1.68	89,766	1.22	3
4	213	2.34	128,241	1.74	4
5	531	5.82	326,562	4.43	5
6	479	5.25	225,326	3.06	6
7	1,111	12.18	722,770	9.80	7
8	1,825	20.01	1,371,294	18.60	8
9	1,554	17.04	1,433,624	19.44	9
10	1,821	19.97	2,200,655	29.84	10

H17019 -
Have one person you think of as your personal doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	1	0.01	352	0.00	Did not answer
1	6,683	73.28	5,996,376	81.32	Yes
2	2,436	26.71	1,376,990	18.67	No

H17020 -
In last year: number of times visited personal doctor for care for self

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	12	0.13	7,812	0.11	Did not answer
C	30	0.33	14,834	0.20	Should be skipped
N	2,406	26.38	1,362,156	18.47	Valid skip
0	688	7.54	415,249	5.63	None
1	1,354	14.85	1,134,253	15.38	1
2	1,660	18.20	1,556,205	21.10	2
3	1,195	13.10	1,158,065	15.71	3
4	835	9.16	847,766	11.50	4
5	749	8.21	697,184	9.45	5 to 9
6	191	2.09	180,195	2.44	10 or more

H17021 -
In last year: how often personal doctor listened carefully to you

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	103	1.13	61,719	0.84	Did not answer
C	31	0.34	16,893	0.23	Should be skipped
N	3,093	33.91	1,775,346	24.08	I had no visits in the last 12 months
1	88	0.96	49,613	0.67	Never
2	433	4.75	308,239	4.18	Sometimes
3	1,092	11.97	920,372	12.48	Usually
4	4,280	46.93	4,241,536	57.52	Always

H17022 -
In last year: how often personal doctor explained things in a way that was easy to understand

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.17	81,067	1.10	Did not answer
C	29	0.32	14,892	0.20	Should be skipped
N	3,095	33.94	1,777,347	24.10	I had no visits in the last 12 months
1	56	0.61	46,142	0.63	Never
2	280	3.07	205,425	2.79	Sometimes
3	1,130	12.39	950,218	12.89	Usually
4	4,423	48.50	4,298,629	58.30	Always

H17023 -
In last year: how often your personal doctor showed respect for what you have to say

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.17	72,167	0.98	Did not answer
C	28	0.31	14,679	0.20	Should be skipped
N	3,096	33.95	1,777,560	24.11	I had no visits in the last 12 months
1	75	0.82	47,609	0.65	Never
2	333	3.65	246,559	3.34	Sometimes
3	882	9.67	704,436	9.55	Usually
4	4,599	50.43	4,510,708	61.17	Always

H17024 -
In last year: how often your personal doctor spent enough time with you

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	109	1.20	64,243	0.87	Did not answer
C	28	0.31	14,679	0.20	Should be skipped
N	3,096	33.95	1,777,560	24.11	I had no visits in the last 12 months
1	139	1.52	86,044	1.17	Never
2	508	5.57	340,468	4.62	Sometimes
3	1,473	16.15	1,239,462	16.81	Usually
4	3,767	41.30	3,851,263	52.23	Always

H17025 -
In last year: got care from doctor or other health provider other than personal doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	13	0.14	11,528	0.16	Did not answer
C	712	7.81	422,693	5.73	Should be skipped
N	2,412	26.45	1,369,546	18.57	Valid skip
1	4,273	46.85	4,097,309	55.57	Yes
2	1,710	18.75	1,472,643	19.97	No

H17026 -
In last year: how often personal doctor seemed informed and up-to-date about care received from other doctors

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	60	0.66	51,589	0.70	Did not answer
C	359	3.94	206,816	2.80	Should be skipped
N	4,475	49.07	3,058,066	41.47	Valid skip
1	431	4.73	314,300	4.26	Never
2	780	8.55	508,746	6.90	Sometimes
3	1,302	14.28	1,273,457	17.27	Usually
4	1,713	18.78	1,960,745	26.59	Always

H17027 -
Rating of your personal doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	101	1.11	36,736	0.50	Did not answer
C	24	0.26	8,217	0.11	Should be skipped
N	2,412	26.45	1,368,774	18.56	Don't have a personal doctor
0	50	0.55	36,167	0.49	0
1	46	0.50	25,496	0.35	1
2	65	0.71	39,405	0.53	2
3	94	1.03	62,289	0.84	3
4	110	1.21	45,930	0.62	4
5	372	4.08	225,130	3.05	5
6	280	3.07	188,950	2.56	6
7	640	7.02	450,447	6.11	7
8	1,256	13.77	914,773	12.41	8
9	1,490	16.34	1,373,307	18.62	9
10	2,180	23.90	2,598,098	35.23	10

H17028 -
In last year: tried to make appointment to see a specialist

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3	0.03	1,453	0.02	Did not answer
1	5,368	58.86	4,711,128	63.89	Yes
2	3,749	41.11	2,661,137	36.09	No

H17029 -
In last year: how often it was easy to get appointments with specialists

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	27	0.30	24,802	0.34	Did not answer
C	64	0.70	44,235	0.60	Should be skipped
N	3,685	40.41	2,616,902	35.49	Didn't need a specialist
1	407	4.46	213,573	2.90	Never
2	986	10.81	684,494	9.28	Sometimes
3	1,634	17.92	1,289,928	17.49	Usually
4	2,317	25.41	2,499,785	33.90	Always

H17030 -
In last year: how many specialists seen

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8	0.09	5,996	0.08	Did not answer
C	66	0.72	47,372	0.64	Should be skipped
N	3,683	40.38	2,613,765	35.45	Valid skip
0	182	2.00	116,604	1.58	None
1	2,301	25.23	1,808,858	24.53	1 specialist
2	1,657	18.17	1,544,894	20.95	2
3	803	8.80	810,708	10.99	3
4	258	2.83	249,917	3.39	4
5	162	1.78	175,605	2.38	5 or more specialists

H17031 -
Rating of specialist seen most often in last year

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	22	0.24	13,114	0.18	Did not answer
C	30	0.33	18,360	0.25	Should be skipped
N	3,901	42.77	2,759,381	37.42	Didn't see specialist in last 12 months
0	29	0.32	17,007	0.23	0
1	18	0.20	7,814	0.11	1
2	47	0.52	21,517	0.29	2
3	62	0.68	37,467	0.51	3
4	81	0.89	44,940	0.61	4
5	186	2.04	124,706	1.69	5
6	200	2.19	123,951	1.68	6
7	474	5.20	311,328	4.22	7
8	1,026	11.25	830,248	11.26	8
9	1,253	13.74	1,104,060	14.97	9
10	1,791	19.64	1,959,825	26.58	10

H17032 -
In last year: tried to get care, tests, or treatment through health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	75	0.82	66,802	0.91	Did not answer
1	6,412	70.31	5,602,861	75.98	Yes
2	2,633	28.87	1,704,055	23.11	No

H17033 -
In last year: how often easy to get care, tests, or treatment you thought you needed through health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	90	0.99	77,903	1.06	Did not answer
C	51	0.56	28,617	0.39	Should be skipped
N	2,582	28.31	1,675,438	22.72	Didn't need care/tests/treatment
1	240	2.63	124,415	1.69	Never
2	872	9.56	489,955	6.64	Sometimes
3	1,943	21.30	1,471,318	19.95	Usually
4	3,342	36.64	3,506,072	47.55	Always

H17034 -
In last year: looked for information in written material or on the Internet about how health plan works

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	71	0.78	60,630	0.82	Did not answer
1	2,893	31.72	2,244,797	30.44	Yes
2	6,156	67.50	5,068,292	68.73	No

H17035 -
In last year: how often written material/Internet provide information you needed about how your plan works

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	77	0.84	68,919	0.93	Did not answer
C	212	2.32	153,287	2.08	Should be skipped
N	5,944	65.18	4,915,005	66.66	Didn't look for information
1	200	2.19	137,866	1.87	Never
2	932	10.22	668,622	9.07	Sometimes
3	1,168	12.81	887,919	12.04	Usually
4	587	6.44	542,101	7.35	Always

H17036 -
In last year: looked for information from health plan on cost of health care service or equipment

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	78	0.86	69,858	0.95	Did not answer
1	1,386	15.20	1,177,020	15.96	Yes
2	7,656	83.95	6,126,840	83.09	No

H17037 -
In last year: how often able to find out from health plan cost of health care service or equipment

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	88	0.96	76,032	1.03	Did not answer
C	153	1.68	117,468	1.59	Should be skipped
N	7,503	82.27	6,009,372	81.50	Didn't need hlth care service/equipmnt
1	270	2.96	203,524	2.76	Never
2	349	3.83	284,013	3.85	Sometimes
3	390	4.28	321,062	4.35	Usually
4	367	4.02	362,248	4.91	Always

H17038 -
In last year: looked for information from health plan on cost of prescription medications

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	75	0.82	64,927	0.88	Did not answer
1	1,480	16.23	1,541,685	20.91	Yes
2	7,565	82.95	5,767,107	78.21	No

H17039 -
In last year: how often able to find out cost of prescription medications

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	83	0.91	74,377	1.01	Did not answer
C	97	1.06	69,033	0.94	Should be skipped
N	7,468	81.89	5,698,073	77.28	Didn't need prescription meds/no info
1	257	2.82	177,731	2.41	Never
2	315	3.45	315,250	4.28	Sometimes
3	427	4.68	455,207	6.17	Usually
4	473	5.19	584,047	7.92	Always

H17040 -
In last year: tried to get information or help from health plan's customer service

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	75	0.82	61,293	0.83	Did not answer
1	2,409	26.41	1,879,291	25.49	Yes
2	6,636	72.76	5,433,134	73.68	No

H17041 -
In last year: how often did customer service give needed information or help

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	94	1.03	77,713	1.05	Did not answer
C	132	1.45	84,649	1.15	Should be skipped
N	6,504	71.32	5,348,485	72.53	Didn't call hlth plan's customer service
1	179	1.96	116,156	1.58	Never
2	532	5.83	342,542	4.65	Sometimes
3	714	7.83	539,013	7.31	Usually
4	965	10.58	865,162	11.73	Always

H17042 -
In last year: how often did customer service treat with courtesy and respect

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	108	1.18	85,721	1.16	Did not answer
C	124	1.36	77,704	1.05	Should be skipped
N	6,512	71.40	5,355,430	72.63	Didn't call hlth plan's customer service
1	50	0.55	17,798	0.24	Never
2	234	2.57	138,671	1.88	Sometimes
3	538	5.90	378,436	5.13	Usually
4	1,554	17.04	1,319,959	17.90	Always

H17043 -
In last year: health plan gave forms to fill out

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	80	0.88	65,960	0.89	Did not answer
1	2,431	26.66	1,702,061	23.08	Yes
2	6,609	72.47	5,605,698	76.02	No

H17044 -
In last year: how often forms from health plan were easy to fill out

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	92	1.01	80,908	1.10	Did not answer
C	162	1.78	119,823	1.63	Should be skipped
N	6,447	70.69	5,485,875	74.40	Didn't have experience with paperwork
1	82	0.90	32,099	0.44	Never
2	309	3.39	204,869	2.78	Sometimes
3	1,039	11.39	791,536	10.73	Usually
4	989	10.84	658,608	8.93	Always

H17045 -
In last year: sent in any claims to your health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	79	0.87	66,967	0.91	Did not answer
D	1,831	20.08	1,219,514	16.54	Don't know
1	3,613	39.62	3,803,173	51.58	Yes
2	3,597	39.44	2,284,065	30.98	No

H17046 -
In last year: how often health plan handled claims quickly

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	93	1.02	75,163	1.02	Did not answer
C	119	1.30	99,752	1.35	Should be skipped
D	462	5.07	486,736	6.60	Don't know
N	5,309	58.21	3,403,827	46.16	No claims sent for me in past year
1	137	1.50	79,039	1.07	Never
2	320	3.51	241,731	3.28	Sometimes
3	1,016	11.14	1,068,602	14.49	Usually
4	1,664	18.25	1,918,867	26.02	Always

H17047 -
In last year: how often health plan handled claims correctly

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	92	1.01	85,231	1.16	Did not answer
C	111	1.22	102,252	1.39	Should be skipped
D	452	4.96	457,187	6.20	Don't know
N	5,317	58.30	3,401,327	46.13	No claims sent for me in past year
1	70	0.77	42,362	0.57	Never
2	321	3.52	188,619	2.56	Sometimes
3	972	10.66	970,354	13.16	Usually
4	1,785	19.57	2,126,387	28.84	Always

H17048 -
Rating of all experience with health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	126	1.38	105,773	1.43	Did not answer
0	55	0.60	23,122	0.31	0
1	54	0.59	39,232	0.53	1
2	79	0.87	40,709	0.55	2
3	164	1.80	85,397	1.16	3
4	176	1.93	126,513	1.72	4
5	660	7.24	405,650	5.50	5
6	624	6.84	360,052	4.88	6
7	1,313	14.40	857,196	11.63	7
8	1,895	20.78	1,360,056	18.44	8
9	1,767	19.38	1,482,905	20.11	9
10	2,207	24.20	2,487,114	33.73	10

H17049 -
Blood pressure: when last reading

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	148	1.62	137,620	1.87	Did not answer
1	140	1.54	102,006	1.38	More than 2 years ago
2	397	4.35	255,657	3.47	1 to 2 years ago
3	8,435	92.49	6,878,436	93.28	Less than 12 months ago

H17050 -
Blood pressure: know if blood pressure is too high or not

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	140	1.54	131,773	1.79	Did not answer
1	1,304	14.30	1,262,013	17.12	Yes, it's too high
2	7,223	79.20	5,678,136	77.01	No, it's not too high
3	453	4.97	301,797	4.09	Don't know

H17051 -
When did you last have a flu shot

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	136	1.49	125,713	1.70	Did not answer
1	563	6.17	528,348	7.17	Never had a flu shot
2	1,002	10.99	787,598	10.68	More than 2 years ago
3	1,242	13.62	964,315	13.08	1 to 2 years ago
4	6,177	67.73	4,967,745	67.37	Less than 12 months ago

H17052 -
Smoked at least 100 cigarettes in life

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	144	1.58	120,395	1.63	Did not answer
D	157	1.72	115,612	1.57	Don't know
1	2,630	28.84	2,405,497	32.62	Yes
2	6,189	67.86	4,732,215	64.18	No

H17053 -
Smoke or use tobacco every day, some days, or not at all

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	127	1.39	117,341	1.59	Did not answer
D	45	0.49	29,045	0.39	Don't know
2	7,942	87.08	6,516,783	88.38	Not at all
3	453	4.97	302,094	4.10	Some days
4	553	6.06	408,456	5.54	Every day

H17054 -
Last year: how often advised by doctor to quit smoking or use tobacco

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	117	1.28	115,553	1.57	Did not answer
C	275	3.02	166,724	2.26	Should be skipped
N	7,712	84.56	6,379,104	86.51	Valid skip
1	198	2.17	172,864	2.34	Never
2	213	2.34	142,303	1.93	Sometimes
3	265	2.91	181,481	2.46	Usually
4	340	3.73	215,691	2.93	Always

H17055 -
Last year: how often medication was recommended or discussed by doctor to assist with quitting smoking or using tobacco

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	116	1.27	106,594	1.45	Did not answer
C	198	2.17	126,942	1.72	Should be skipped
N	7,789	85.41	6,418,886	87.05	Valid skip
1	498	5.46	384,449	5.21	Never
2	230	2.52	139,480	1.89	Sometimes
3	151	1.66	117,469	1.59	Usually
4	138	1.51	79,898	1.08	Always

H17056 -
Last year: how often doctor recommended or discussed methods and strategies to assist quitting smoking or using tobacco

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	118	1.29	110,875	1.50	Did not answer
C	160	1.75	109,155	1.48	Should be skipped
N	7,827	85.82	6,436,672	87.29	Valid skip
1	463	5.08	389,777	5.29	Never
2	254	2.79	160,464	2.18	Sometimes
3	158	1.73	92,511	1.25	Usually
4	140	1.54	74,264	1.01	Always

H17057A -
Do you smoke or use: cigarettes

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	2	0.02	91	0.00	Should be skipped
N	7,985	87.55	6,545,737	88.77	Valid skip
1	658	7.21	483,522	6.56	Marked
2	475	5.21	344,369	4.67	Not marked

H17057B -
Do you smoke or use: dip, chewing tobacco, snuff, or snus

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,987	87.58	6,545,828	88.77	Valid skip
1	273	2.99	183,466	2.49	Marked
2	860	9.43	644,425	8.74	Not marked

H17057C -
Do you smoke or use: cigars

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,987	87.58	6,545,828	88.77	Valid skip
1	147	1.61	111,550	1.51	Marked
2	986	10.81	716,342	9.71	Not marked

H17057D -
Do you smoke or use: pipes, bidis, or kreteks

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,987	87.58	6,545,828	88.77	Valid skip
1	53	0.58	63,179	0.86	Marked
2	1,080	11.84	764,712	10.37	Not marked

H17058 -
Are you male or female

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	112	1.23	103,660	1.41	Did not answer
1	4,869	53.39	3,557,315	48.24	Male
2	4,139	45.38	3,712,743	50.35	Female

H17059B -
Female: last have a Pap smear test

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	62	0.68	41,583	0.56	Did not answer
C	17	0.19	5,115	0.07	Should be skipped
N	4,910	53.84	3,609,251	48.95	Valid skip
1	150	1.64	187,329	2.54	Never had a Pap smear test
2	363	3.98	656,149	8.90	5 or more years ago
3	309	3.39	289,063	3.92	More than 3 but less than 5 years ago
4	470	5.15	396,051	5.37	More than 2 but less than 3 years ago
5	1,242	13.62	990,777	13.44	1 to 2 years ago
6	1,597	17.51	1,198,400	16.25	Within the last 12 months

H17060 -
Female: are you under age 40

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	27	0.30	8,687	0.12	Should be skipped
N	4,900	53.73	3,605,679	48.90	Valid skip
1	1,786	19.58	1,168,885	15.85	Yes
2	2,407	26.39	2,590,468	35.13	No

H17061 -
Female: last time breasts checked by mammography

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	31	0.34	20,185	0.27	Did not answer
C	130	1.43	123,511	1.68	Should be skipped
N	6,583	72.18	4,659,739	63.19	Valid skip
1	119	1.30	79,161	1.07	Never had a mammogram
2	93	1.02	148,539	2.01	5 or more years ago
3	171	1.88	178,518	2.42	More than 2 less than 5 years ago
4	499	5.47	503,902	6.83	1 to 2 years ago
5	1,494	16.38	1,660,163	22.51	Within the last 12 months

H17062 -
Female: been pregnant in last year or pregnant now

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.57	45,695	0.62	Did not answer
C	9	0.10	2,929	0.04	Should be skipped
N	4,918	53.93	3,611,437	48.98	Valid skip
1	142	1.56	72,181	0.98	Yes, currently pregnant
2	292	3.20	171,201	2.32	No, not currently pregnant but have been
3	3,707	40.65	3,470,276	47.06	No, not currently pregnant/have not been

H17063 -
Female: in what trimester is your pregnancy

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.57	45,695	0.62	Did not answer
C	2	0.02	704	0.01	Should be skipped
N	8,924	97.85	7,255,138	98.39	Valid skip
1	30	0.33	12,927	0.18	First trimester
2	60	0.66	35,257	0.48	Second trimester
3	52	0.57	23,996	0.33	Third trimester

H17064 -
Female: trimester first received prenatal care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	57	0.63	55,721	0.76	Did not answer
C	8	0.09	5,976	0.08	Should be skipped
N	8,656	94.91	7,091,593	96.17	Valid skip
1	14	0.15	6,526	0.09	Did not receive prenatal care
2	2	0.02	1,087	0.01	Third trimester
3	21	0.23	17,573	0.24	Second trimester
4	362	3.97	195,242	2.65	First trimester

H17065 -
In general how would you rate your overall health

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	152	1.67	130,151	1.77	Did not answer
1	98	1.07	75,118	1.02	Poor
2	726	7.96	676,591	9.18	Fair
3	2,743	30.08	2,271,882	30.81	Good
4	3,666	40.20	2,953,773	40.06	Very Good
5	1,735	19.02	1,266,204	17.17	Excellent

H17066 -
Limited in any way in any activities because of any impairment or health problem

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	184	2.02	159,905	2.17	Did not answer
1	2,953	32.38	2,585,454	35.06	Yes
2	5,983	65.60	4,628,359	62.77	No

H17067 -
In last year: seen doctor or other health provider 3 or more times for same condition or problem

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	128	1.40	112,524	1.53	Did not answer
1	3,650	40.02	3,096,083	41.99	Yes
2	5,342	58.57	4,165,111	56.49	No

H17068 -
Condition lasted for at least 3 months

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	143	1.57	129,213	1.75	Did not answer
N	5,342	58.57	4,165,111	56.49	Valid skip
1	3,145	34.48	2,723,481	36.93	Yes
2	490	5.37	355,913	4.83	No

H17069 -
Need to take medicine prescribed by a doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	133	1.46	109,937	1.49	Did not answer
1	5,179	56.79	4,906,073	66.53	Yes
2	3,808	41.75	2,357,709	31.97	No

H17070 -
Medicine to treat condition that has lasted for at least 3 months

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	188	2.06	162,923	2.21	Did not answer
N	3,808	41.75	2,357,709	31.97	Valid skip
1	4,742	52.00	4,589,294	62.24	Yes
2	382	4.19	263,793	3.58	No

H17071F -
Feet portion of height without shoes

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	240	2.63	191,199	2.59	Did not answer
O	213	2.34	150,118	2.04	Out of range error
4	73	0.80	73,472	1.00	4
5	7,142	78.31	5,988,719	81.22	5
6	1,452	15.92	970,211	13.16	6

H17071I -
Inches portion of height without shoes

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	240	2.63	191,199	2.59	Did not answer
O	213	2.34	150,118	2.04	Out of range error
0	746	8.18	557,865	7.57	0
1	605	6.63	467,699	6.34	1
2	765	8.39	729,948	9.90	2
3	679	7.45	607,340	8.24	3
4	798	8.75	673,826	9.14	4
5	574	6.29	517,711	7.02	5
6	765	8.39	600,996	8.15	6
7	782	8.57	674,024	9.14	7
8	715	7.84	563,065	7.64	8
9	756	8.29	527,553	7.15	9
10	803	8.80	598,377	8.11	10
11	677	7.42	513,582	6.97	11
12	2	0.02	416	0.01	12

H17072 -
Weight without shoes in pounds

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	294	3.22	238,783	3.24	Did not answer
O	168	1.84	181,016	2.45	Out of range error
100	19	0.21	21,087	0.29	100
101	4	0.04	1,307	0.02	101
102	6	0.07	10,434	0.14	102
103	7	0.08	8,857	0.12	103
104	5	0.05	3,421	0.05	104
105	21	0.23	15,240	0.21	105
106	7	0.08	19,035	0.26	106
107	14	0.15	8,308	0.11	107
108	19	0.21	19,408	0.26	108
109	8	0.09	17,666	0.24	109
110	62	0.68	46,761	0.63	110
111	6	0.07	2,561	0.03	111

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
112	18	0.20	16,683	0.23	112
113	11	0.12	11,630	0.16	113
114	11	0.12	12,744	0.17	114
115	81	0.89	62,015	0.84	115
116	17	0.19	8,986	0.12	116
117	14	0.15	13,200	0.18	117
118	35	0.38	30,824	0.42	118
119	16	0.18	4,374	0.06	119
120	124	1.36	104,516	1.42	120
121	13	0.14	12,330	0.17	121
122	30	0.33	21,908	0.30	122
123	29	0.32	16,367	0.22	123
124	24	0.26	21,395	0.29	124
125	109	1.20	84,841	1.15	125
126	30	0.33	17,894	0.24	126
127	23	0.25	26,655	0.36	127
128	57	0.63	41,836	0.57	128
129	15	0.16	15,816	0.21	129
130	178	1.95	136,618	1.85	130
131	14	0.15	16,007	0.22	131
132	41	0.45	28,273	0.38	132
133	35	0.38	33,926	0.46	133
134	22	0.24	23,377	0.32	134
135	162	1.78	130,089	1.76	135
136	28	0.31	39,386	0.53	136
137	34	0.37	16,225	0.22	137
138	60	0.66	48,259	0.65	138
139	21	0.23	37,968	0.51	139
140	233	2.55	185,022	2.51	140
141	15	0.16	12,077	0.16	141
142	46	0.50	60,852	0.83	142
143	28	0.31	27,410	0.37	143
144	21	0.23	15,741	0.21	144
145	213	2.34	216,924	2.94	145
146	15	0.16	19,125	0.26	146
147	32	0.35	14,901	0.20	147
148	48	0.53	42,849	0.58	148
149	27	0.30	41,358	0.56	149
150	232	2.54	212,833	2.89	150
151	17	0.19	19,071	0.26	151
152	50	0.55	55,570	0.75	152
153	44	0.48	39,859	0.54	153
154	29	0.32	28,104	0.38	154
155	191	2.09	164,111	2.23	155
156	42	0.46	35,532	0.48	156
157	20	0.22	20,824	0.28	157
158	57	0.63	55,540	0.75	158

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
159	19	0.21	9,859	0.13	159
160	306	3.36	213,229	2.89	160
161	18	0.20	6,776	0.09	161
162	46	0.50	36,552	0.50	162
163	42	0.46	24,221	0.33	163
164	28	0.31	23,224	0.31	164
165	257	2.82	169,306	2.30	165
166	20	0.22	16,241	0.22	166
167	27	0.30	25,916	0.35	167
168	62	0.68	47,761	0.65	168
169	25	0.27	27,945	0.38	169
170	266	2.92	217,546	2.95	170
171	12	0.13	10,680	0.14	171
172	74	0.81	77,823	1.06	172
173	48	0.53	44,119	0.60	173
174	36	0.39	26,130	0.35	174
175	280	3.07	248,002	3.36	175
176	46	0.50	44,133	0.60	176
177	31	0.34	29,760	0.40	177
178	70	0.77	73,021	0.99	178
179	25	0.27	15,127	0.21	179
180	341	3.74	260,542	3.53	180
181	17	0.19	17,982	0.24	181
182	54	0.59	48,069	0.65	182
183	32	0.35	27,133	0.37	183
184	35	0.38	37,521	0.51	184
185	281	3.08	207,935	2.82	185
186	44	0.48	40,494	0.55	186
187	23	0.25	22,674	0.31	187
188	55	0.60	46,163	0.63	188
189	35	0.38	28,269	0.38	189
190	292	3.20	214,940	2.91	190
191	25	0.27	21,164	0.29	191
192	44	0.48	34,083	0.46	192
193	39	0.43	14,057	0.19	193
194	36	0.39	22,185	0.30	194
195	214	2.35	137,474	1.86	195
196	31	0.34	20,090	0.27	196
197	25	0.27	26,641	0.36	197
198	61	0.67	47,869	0.65	198
199	21	0.23	17,039	0.23	199
200	317	3.48	185,206	2.51	200
201	21	0.23	17,385	0.24	201
202	21	0.23	18,065	0.24	202
203	22	0.24	16,516	0.22	203
204	19	0.21	17,377	0.24	204
205	172	1.89	129,722	1.76	205

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
206	16	0.18	16,146	0.22	206
207	27	0.30	17,654	0.24	207
208	36	0.39	33,976	0.46	208
209	20	0.22	8,433	0.11	209
210	188	2.06	134,679	1.83	210
211	10	0.11	14,762	0.20	211
212	37	0.41	31,241	0.42	212
213	25	0.27	26,471	0.36	213
214	22	0.24	38,734	0.53	214
215	143	1.57	118,735	1.61	215
216	12	0.13	14,341	0.19	216
217	16	0.18	7,479	0.10	217
218	33	0.36	17,607	0.24	218
219	14	0.15	10,541	0.14	219
220	179	1.96	129,732	1.76	220
221	5	0.05	2,340	0.03	221
222	11	0.12	5,184	0.07	222
223	11	0.12	11,775	0.16	223
224	16	0.18	15,890	0.22	224
225	134	1.47	82,171	1.11	225
226	6	0.07	3,718	0.05	226
227	8	0.09	6,091	0.08	227
228	20	0.22	4,965	0.07	228
229	6	0.07	3,331	0.05	229
230	145	1.59	76,769	1.04	230
231	5	0.05	1,777	0.02	231
232	12	0.13	18,235	0.25	232
233	10	0.11	4,312	0.06	233
234	8	0.09	10,134	0.14	234
235	76	0.83	43,155	0.59	235
236	11	0.12	10,521	0.14	236
237	5	0.05	4,388	0.06	237
238	13	0.14	6,707	0.09	238
239	4	0.04	1,030	0.01	239
240	123	1.35	97,622	1.32	240
241	3	0.03	1,425	0.02	241
242	10	0.11	4,406	0.06	242
243	7	0.08	2,911	0.04	243
244	4	0.04	6,784	0.09	244
245	51	0.56	36,449	0.49	245
246	3	0.03	9,562	0.13	246
247	7	0.08	5,116	0.07	247
248	12	0.13	11,510	0.16	248
249	3	0.03	981	0.01	249
250	94	1.03	93,254	1.26	250
251	1	0.01	558	0.01	251
252	7	0.08	1,726	0.02	252

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
253	1	0.01	604	0.01	253
254	4	0.04	658	0.01	254
255	24	0.26	20,504	0.28	255
256	7	0.08	4,176	0.06	256
257	5	0.05	9,271	0.13	257
258	2	0.02	1,673	0.02	258
259	1	0.01	560	0.01	259
260	42	0.46	45,169	0.61	260
261	3	0.03	1,177	0.02	261
263	1	0.01	3,569	0.05	263
264	4	0.04	3,519	0.05	264
265	28	0.31	13,795	0.19	265
266	5	0.05	19,472	0.26	266
268	3	0.03	565	0.01	268
269	1	0.01	168	0.00	269
270	27	0.30	16,481	0.22	270
271	4	0.04	8,313	0.11	271
272	1	0.01	1,203	0.02	272
273	2	0.02	167	0.00	273
274	1	0.01	527	0.01	274
275	15	0.16	6,494	0.09	275
276	3	0.03	944	0.01	276
277	1	0.01	790	0.01	277
279	2	0.02	194	0.00	279
280	19	0.21	11,302	0.15	280
282	1	0.01	56	0.00	282
283	1	0.01	6,662	0.09	283
284	1	0.01	6,221	0.08	284
285	5	0.05	1,277	0.02	285
287	1	0.01	88	0.00	287
288	2	0.02	1,124	0.02	288
290	11	0.12	7,822	0.11	290
292	2	0.02	1,618	0.02	292
293	2	0.02	398	0.01	293
294	2	0.02	555	0.01	294
295	4	0.04	993	0.01	295
296	3	0.03	9,811	0.13	296
298	1	0.01	71	0.00	298
299	2	0.02	711	0.01	299

SREDA -
Highest grade completed

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	191	2.09	153,443	2.08	Did not answer
1	25	0.27	29,799	0.40	8th grade or less
2	55	0.60	83,514	1.13	Some high school, but did not graduate
3	1,070	11.73	1,249,208	16.94	High school graduate or GED
4	3,518	38.57	2,892,419	39.23	Some college or 2-year degree
5	1,778	19.50	1,315,273	17.84	4-year college graduate
6	2,483	27.23	1,650,061	22.38	More than 4-year college degree

H17073 -
Are you Spanish, Hispanic, or Latino

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	330	3.62	261,729	3.55	Did not answer
1	7,761	85.10	6,432,248	87.23	No, Not Spanish, Hispanic, or Latino
2	401	4.40	300,023	4.07	Yes, Mexican, Mexican American, Chicano
3	285	3.13	132,239	1.79	Yes, Puerto Rican
4	22	0.24	18,966	0.26	Yes, Cuban
5	321	3.52	228,512	3.10	Yes, Other Spanish, Hispanic, or Latino

H17073A -
No, not Spanish, Hispanic, or Latino

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	7,762	85.11	6,432,551	87.24	Marked
2	1,358	14.89	941,167	12.76	Not marked

H17073B -
Yes, Mexican, Mexican American, Chicano

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	401	4.40	300,023	4.07	Marked
2	8,719	95.60	7,073,695	95.93	Not marked

H17073C -
Yes, Puerto Rican

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	300	3.29	138,429	1.88	Marked
2	8,820	96.71	7,235,290	98.12	Not marked

H17073D -
Yes, Cuban

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	29	0.32	21,699	0.29	Marked
2	9,091	99.68	7,352,019	99.71	Not marked

H17073E -
Yes, other Spanish, Hispanic, or Latino

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	345	3.78	249,029	3.38	Marked
2	8,775	96.22	7,124,690	96.62	Not marked

SRRACEA -
Race: White

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,950	76.21	5,763,543	78.16	Marked
2	2,170	23.79	1,610,176	21.84	Not marked

SRRACEB -
Race: Black or African American

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,030	11.29	857,353	11.63	Marked
2	8,090	88.71	6,516,365	88.37	Not marked

SRRACEC -
Race: American Indian or Alaska native

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	245	2.69	179,073	2.43	Marked
2	8,875	97.31	7,194,646	97.57	Not marked

SRRACED -
Race: Asian

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	745	8.17	480,584	6.52	Marked
2	8,375	91.83	6,893,135	93.48	Not marked

SRRACEE -
Race: Native Hawaiian/other Pacific Islander

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	120	1.32	58,444	0.79	Marked
2	9,000	98.68	7,315,274	99.21	Not marked

SRAGE -
What is your age now?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	185	2.03	144,164	1.96	Did not answer
1	714	7.83	823,890	11.17	18 to 24
2	1,862	20.42	1,062,008	14.40	25 to 34
3	1,817	19.92	736,788	9.99	35 to 44
4	1,714	18.79	786,577	10.67	45 to 54
5	2,356	25.83	1,582,390	21.46	55 to 64
6	328	3.60	1,411,278	19.14	65 to 74
7	144	1.58	826,624	11.21	75 or older

H17074 -
Currently covered by Medicare

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	134	1.47	110,791	1.50	Did not answer
D	834	9.14	525,386	7.13	Don't know
1	784	8.60	2,506,571	33.99	Yes
2	7,368	80.79	4,230,971	57.38	No

H17075 -
Currently covered by Medicare part A

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	148	1.62	169,855	2.30	Missing/Unknown
C	561	6.15	357,474	4.85	Should be skipped
N	7,641	83.78	4,398,883	59.66	Valid skip
1	663	7.27	2,313,433	31.37	Yes, covered Medicare Part A
2	107	1.17	134,074	1.82	No, not covered Medicare Part A

H17076 -
Currently covered by Medicare part B

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	147	1.61	151,925	2.06	Missing/Unknown
C	524	5.75	326,562	4.43	Should be skipped
N	7,678	84.19	4,429,795	60.08	Valid skip
1	628	6.89	2,238,405	30.36	Yes, covered Medicare Part B
2	143	1.57	227,032	3.08	No, not covered Medicare Part B

H17077 -
Enrolled in a Medicare Advantage plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	142	1.56	144,516	1.96	Did not answer
C	490	5.37	311,728	4.23	Should be skipped
D	154	1.69	309,230	4.19	Don't know
N	7,712	84.56	4,444,629	60.28	Valid skip
1	22	0.24	68,137	0.92	Yes
2	600	6.58	2,095,479	28.42	No

H17078 -
Currently covered Medicare supplemental

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	148	1.62	151,576	2.06	Missing/Unknown
C	486	5.33	308,848	4.19	Should be skipped
N	7,716	84.61	4,447,508	60.32	Valid skip
1	98	1.07	290,821	3.94	Yes, covered Medicare supplemental
2	672	7.37	2,174,965	29.50	No, not covered Medicare supplemental

H17079 -
Enrolled in Medicare Part D

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	139	1.52	124,342	1.69	Did not answer
C	483	5.30	317,035	4.30	Should be skipped
D	120	1.32	223,112	3.03	Don't know
N	7,719	84.64	4,439,322	60.20	Valid skip
1	67	0.73	225,982	3.06	Yes
2	592	6.49	2,043,925	27.72	No

S17009 -
Had the same personal doctor or nurse before joining this health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	20	0.22	12,691	0.17	Did not answer
C	22	0.24	7,830	0.11	Should be skipped
N	2,414	26.47	1,369,160	18.57	Valid skip
1	1,121	12.29	1,869,849	25.36	Yes
2	5,543	60.78	4,114,188	55.80	No

S17010 -
Since joined health plan, how much of a problem, if any, was it to get a personal doctor or nurse you are happy with?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	120	1.32	70,250	0.95	Did not answer
C	86	0.94	66,374	0.90	Should be skipped
N	1,035	11.35	1,803,476	24.46	Valid skip
1	1,120	12.28	634,884	8.61	A big problem
2	1,969	21.59	1,188,225	16.11	A small problem
3	4,790	52.52	3,610,510	48.96	Not a problem

S17011 -
Agree/disagree: Able to see provider when needed

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	194	2.13	157,362	2.13	Did not answer
1	528	5.79	402,487	5.46	Strongly disagree
2	617	6.77	332,751	4.51	Disagree
3	1,029	11.28	672,453	9.12	Neither agree nor disagree
4	4,031	44.20	2,951,287	40.02	Agree
5	2,721	29.84	2,857,378	38.75	Strongly agree

S17014 -
How satisfied with health care during last visit

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	187	2.05	162,676	2.21	Did not answer
1	328	3.60	201,717	2.74	Completely dissatisfied
2	492	5.39	297,207	4.03	Somewhat dissatisfied
3	748	8.20	459,281	6.23	Neither satisfied nor dissatisfied
4	2,579	28.28	1,600,858	21.71	Somewhat satisfied
5	4,786	52.48	4,651,980	63.09	Completely satisfied

S17B01 -
Self rating of overall mental/emotional health

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	43	0.47	43,557	0.59	Did not answer
1	3,830	42.00	3,068,090	41.61	Excellent
2	2,833	31.06	2,239,192	30.37	Very good
3	1,698	18.62	1,391,845	18.88	Good
4	565	6.20	503,485	6.83	Fair
5	151	1.66	127,550	1.73	Poor

S17B02 -
Last year: needed treatment/counseling for personal/family problem

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	9	0.10	5,563	0.08	Did not answer
1	1,340	14.69	981,805	13.31	Yes
2	7,771	85.21	6,386,350	86.61	No

S17B03 -
Last year: problem getting needed treatment/counseling

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	22	0.24	22,862	0.31	Did not answer
N	7,771	85.21	6,386,350	86.61	Valid skip
1	191	2.09	140,456	1.90	A big problem
2	244	2.68	181,037	2.46	A small problem
3	892	9.78	643,014	8.72	Not a problem

S17B04 -
Last year: rating of treatment/counseling received

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	181	1.98	124,666	1.69	Did not answer
C	5	0.05	6,502	0.09	Should be skipped
N	7,766	85.15	6,379,848	86.52	No treatmnt/counselng in lst 12 mnths
0	34	0.37	13,120	0.18	0
1	10	0.11	6,594	0.09	1
2	22	0.24	12,582	0.17	2
3	26	0.29	9,065	0.12	3
4	39	0.43	31,473	0.43	4
5	91	1.00	56,998	0.77	5
6	64	0.70	35,091	0.48	6
7	141	1.55	110,906	1.50	7
8	228	2.50	182,307	2.47	8
9	223	2.45	173,910	2.36	9
10	290	3.18	230,659	3.13	10

S17BI01 -
In last 6 mos, did you need care right away in an urgent care center, ER, or doctor's office?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	2	0.02	1,356	0.02	Did not answer
1	2,697	29.57	2,340,053	31.74	Yes
2	6,421	70.41	5,032,309	68.25	No

S17BI02A -
In last 6 mos, when you needed care right away, did you go to an urgent care center?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	6,421	70.41	5,032,309	68.25	Should be skipped
1	1,019	11.17	873,682	11.85	Marked
2	1,680	18.42	1,467,728	19.90	Not marked

S17BI02B -
In last 6 mos, when you needed care right away, did you go to a hospital ER?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	6,421	70.41	5,032,309	68.25	Should be skipped
1	1,306	14.32	1,121,529	15.21	Marked
2	1,393	15.27	1,219,881	16.54	Not marked

S17BI02C -
In last 6 mos, when you needed care right away, did you go to a doctor's office?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	6,421	70.41	5,032,309	68.25	Should be skipped
1	789	8.65	712,190	9.66	Marked
2	1,910	20.94	1,629,220	22.09	Not marked

S17BI02D -
In last 6 mos, when you needed care right away, did you go someplace else?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	6,421	70.41	5,032,309	68.25	Should be skipped
1	101	1.11	88,526	1.20	Marked
2	2,598	28.49	2,252,883	30.55	Not marked

S17BI02E -
In last 6 mos, I didn't need care right away for an illness, injury, or condition

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	73	0.80	51,800	0.70	Marked
2	9,047	99.20	7,321,919	99.30	Not marked

S17BI03 -
Urgent care center: Location is more convenient than my normal place of care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	65	0.71	57,212	0.78	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	345	3.78	281,818	3.82	Strongly agree
2	309	3.39	265,014	3.59	Agree
3	226	2.48	218,354	2.96	Disagree
4	82	0.90	56,374	0.76	Strongly disagree

S17BI04 -
Urgent care center: Urgent care was low cost or no cost to me

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	64	0.70	66,823	0.91	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	486	5.33	369,756	5.01	Strongly agree
2	328	3.60	303,585	4.12	Agree
3	103	1.13	99,883	1.35	Disagree
4	46	0.50	38,726	0.53	Strongly disagree

S17BI05 -
Urgent care center: Urgent care was faster than making an appt with my primary care provider

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	65	0.71	64,072	0.87	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	554	6.07	417,339	5.66	Strongly agree
2	304	3.33	289,768	3.93	Agree
3	68	0.75	71,294	0.97	Disagree
4	36	0.39	36,301	0.49	Strongly disagree

S17BI06 -
Urgent care center: I could just walk in for care without an appt

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	67	0.73	67,410	0.91	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	522	5.72	470,088	6.38	Strongly agree
2	294	3.22	268,727	3.64	Agree
3	91	1.00	34,944	0.47	Disagree
4	53	0.58	37,603	0.51	Strongly disagree

S17BI07 -
Urgent care center: I trust the urgent care center provider(s)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	71	0.78	84,407	1.14	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	300	3.29	278,066	3.77	Strongly agree
2	533	5.84	430,396	5.84	Agree
3	90	0.99	56,983	0.77	Disagree
4	33	0.36	28,920	0.39	Strongly disagree

S17BI08 -
Urgent care center: The urgent care center would process my TRICARE claim without problems

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	86	0.94	76,797	1.04	Did not answer
C	3	0.03	6,778	0.09	Should be skipped
N	8,090	88.71	6,488,168	87.99	Valid skip
1	434	4.76	393,172	5.33	Strongly agree
2	390	4.28	314,722	4.27	Agree
3	65	0.71	52,425	0.71	Disagree
4	52	0.57	41,656	0.56	Strongly disagree

S17BI09 -
Urgent care center: Would have used appt with regular provider if had been available

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	74	0.81	75,455	1.02	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	504	5.53	397,206	5.39	Strongly agree
2	260	2.85	226,288	3.07	Agree
3	124	1.36	130,583	1.77	Disagree
4	65	0.71	49,241	0.67	Strongly disagree

S17BI10 -
Urgent care center: I wanted to avoid the wait at a hospital ER

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	87	0.95	95,362	1.29	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	382	4.19	340,876	4.62	Strongly agree
2	247	2.71	211,426	2.87	Agree
3	185	2.03	130,120	1.76	Disagree
4	126	1.38	100,990	1.37	Strongly disagree

S17BI11 -
Urgent care center: The location is more convenient than the hospital ER

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	89	0.98	78,475	1.06	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	364	3.99	331,858	4.50	Strongly agree
2	273	2.99	226,031	3.07	Agree
3	217	2.38	172,287	2.34	Disagree
4	84	0.92	70,122	0.95	Strongly disagree

S17BI12 -
Urgent care center: My condition was not a medical emergency requiring a hospital ER

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	81	0.89	71,978	0.98	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	484	5.31	440,513	5.97	Strongly agree
2	275	3.02	218,019	2.96	Agree
3	120	1.32	92,196	1.25	Disagree
4	67	0.73	56,066	0.76	Strongly disagree

S17BI13 -
Urgent care center: Normal place of care was not open

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	94	1.03	101,488	1.38	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	328	3.60	255,422	3.46	Strongly agree
2	233	2.55	206,018	2.79	Agree
3	241	2.64	194,898	2.64	Disagree
4	131	1.44	120,947	1.64	Strongly disagree

S17BI14 -
Urgent care center: I thought it would take less time than at my usual place of care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	88	0.96	78,196	1.06	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	297	3.26	247,321	3.35	Strongly agree
2	274	3.00	243,574	3.30	Agree
3	243	2.66	194,114	2.63	Disagree
4	125	1.37	115,567	1.57	Strongly disagree

S17BI15 -
Urgent care center, did you or someone else call a nurse advice line before going to urgent care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	66	0.72	54,925	0.74	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
D	67	0.73	89,119	1.21	Don't know
N	8,089	88.70	6,488,062	87.99	Valid skip
1	332	3.64	156,432	2.12	Yes, I called a nurse line and spoke with a nurse
2	41	0.45	20,952	0.28	Yes, I called a nurse line, but did not speak with a nurse
3	445	4.88	433,399	5.88	No, I did not call my health plan's nurse advice line
4	76	0.83	123,946	1.68	No, my health plan does not have a nurse advice line

S17BI16 -
Did the nurse advise you to seek urgent care?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	67	0.73	55,909	0.76	Did not answer
C	81	0.89	53,564	0.73	Should be skipped
D	1	0.01	280	0.00	Don't know
N	8,641	94.75	7,108,798	96.41	Valid skip
1	314	3.44	140,307	1.90	Yes
2	16	0.18	14,861	0.20	No

S17BI17 -
Urgent care center, did the health care providers advise you to seek care in a hospital ER?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	66	0.72	56,058	0.76	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
D	35	0.38	23,214	0.31	Don't know
N	8,089	88.70	6,488,062	87.99	Valid skip
1	124	1.36	86,179	1.17	Yes
2	802	8.79	713,322	9.67	No

S17BI18 -
Did you seek care at a hospital ER?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	60	0.66	46,165	0.63	Did not answer
C	135	1.48	89,787	1.22	Should be skipped
D	2	0.02	1,750	0.02	Don't know
N	8,795	96.44	7,141,696	96.85	Valid skip
1	95	1.04	63,754	0.86	Yes
2	33	0.36	30,568	0.41	No

S17BI19 -
On most recent visit to urgent care center, what was the main reason you went?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	53	0.58	44,006	0.60	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Valid skip
1	221	2.42	184,505	2.50	An accident or injury
2	468	5.13	366,844	4.98	A new health problem
3	145	1.59	144,790	1.96	An ongoing health condition or concern
4	26	0.29	21,048	0.29	Routine care, such as a flu shot or health screening
5	114	1.25	117,579	1.59	Some other reason

S17BI20 -
What number would you use to rate your care during this urgent care center visit?

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	72	0.79	62,146	0.84	Did not answer
C	4	0.04	6,884	0.09	Should be skipped
N	8,089	88.70	6,488,062	87.99	Didn't have urgent care
0	6	0.07	10,775	0.15	0
1	5	0.05	2,330	0.03	1
2	11	0.12	7,754	0.11	2
3	13	0.14	6,452	0.09	3
4	21	0.23	13,528	0.18	4
5	67	0.73	47,668	0.65	5
6	69	0.76	41,580	0.56	6
7	116	1.27	94,729	1.28	7
8	224	2.46	184,518	2.50	8
9	191	2.09	192,103	2.61	9
10	232	2.54	215,191	2.92	10

ONTIME -
Responded within 8 weeks of mail-out

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
YES	9,120	100.00	7,373,719	100.00	Yes

FLAG_FIN -
Final disposition

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	9,120	100.00	7,373,719	100.00	Returned survey

DUPFLAG -
Multiple response indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
NO	9,098	99.76	7,361,747	99.84	No
YES	22	0.24	11,971	0.16	Yes

FNSTATUS -
Final status

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
11	9,120	100.00	7,373,719	100.00	Elig, return complete

KEYCOUNT -
Number of key questions answered

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10	66	0.72	58,763	0.80	10
11	5	0.05	2,849	0.04	11
12	3	0.03	7,529	0.10	12
13	4	0.04	1,282	0.02	13
14	28	0.31	26,748	0.36	14
15	7	0.08	13,293	0.18	15
16	36	0.39	19,926	0.27	16
17	45	0.49	24,612	0.33	17
18	114	1.25	67,544	0.92	18
19	577	6.33	362,809	4.92	19
20	8,235	90.30	6,788,364	92.06	20

WEB -
Web survey indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	1,849	20.27	1,188,695	16.12	No
1	7,271	79.73	6,185,024	83.88	Yes

EMAILRES -
Email response

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	9,120	100.00	7,373,719	100.00	No email information

SURVTYPE -
Web or Mail Survey

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
2	7,271	79.73	6,185,024	83.88	Web survey
8	1,849	20.27	1,188,695	16.12	Mail survey

N1 -
Coding Scheme Note 1

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,787	96.35	7,103,901	96.34	1
2	9	0.10	4,774	0.06	2
3	298	3.27	249,284	3.38	3
4	26	0.29	15,759	0.21	4

N2 -
Coding Scheme Note 2

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3	0.03	1,798	0.02	1
2	15	0.16	17,526	0.24	2
3	30	0.33	35,667	0.48	3
4	3,700	40.57	3,116,578	42.27	4
5	26	0.29	18,180	0.25	5
6	107	1.17	86,909	1.18	6
7	5,236	57.41	4,094,346	55.53	7
8	3	0.03	2,713	0.04	8

N3 -
Coding Scheme Note 3

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	9	0.10	2,122	0.03	1
2	31	0.34	22,809	0.31	2
3	62	0.68	50,855	0.69	3
4	7,721	84.66	6,446,416	87.42	4
5	7	0.08	1,553	0.02	5
6	41	0.45	20,737	0.28	6
7	1,247	13.67	827,020	11.22	7
8	2	0.02	2,206	0.03	8

N4 -
Coding Scheme Note 4

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,219	13.37	745,270	10.11	1
3	7,891	86.52	6,613,462	89.69	3
4	2	0.02	7,462	0.10	4
5	8	0.09	7,525	0.10	5

N5 -
Coding Scheme Note 5

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,219	13.37	745,270	10.11	1
2	4,496	49.30	3,953,348	53.61	2
3	64	0.70	36,965	0.50	3
4	15	0.16	9,773	0.13	4
5	3,316	36.36	2,616,564	35.49	5
6	10	0.11	11,799	0.16	6

N5_BI1 -
Coding Scheme Note 5_BI1

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,616	28.68	2,271,846	30.81	1
2	22	0.24	14,643	0.20	2
3	6,399	70.16	5,017,666	68.05	3
4	76	0.83	59,376	0.81	4
5	5	0.05	8,832	0.12	5
6	2	0.02	1,356	0.02	6

N5_BI2 -
Coding Scheme Note 5_BI2

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,421	70.41	5,032,309	68.25	1
2	862	9.45	743,955	10.09	2
3	2	0.02	2,123	0.03	3
5	157	1.72	129,727	1.76	5
6	6	0.07	2,968	0.04	6
7	1,672	18.33	1,462,637	19.84	7

N5_BI3 -
Coding Scheme Note 5_BI3

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,093	88.74	6,494,946	88.08	1
2	332	3.64	156,432	2.12	2
3	629	6.90	667,416	9.05	3
5	66	0.72	54,925	0.74	5

N5_BI4 -
Coding Scheme Note 5_BI4

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,093	88.74	6,494,946	88.08	1
2	121	1.33	84,215	1.14	2
3	837	9.18	736,536	9.99	3
4	3	0.03	1,964	0.03	4
5	66	0.72	56,058	0.76	5

N6 -
Coding Scheme Note 6

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,638	72.79	5,973,645	81.01	1
2	39	0.43	21,107	0.29	2
3	6	0.07	1,624	0.02	3
4	5	0.05	740	0.01	4
5	2,430	26.64	1,375,197	18.65	5
6	1	0.01	1,054	0.01	6
7	1	0.01	352	0.00	7

N7 -
Coding Scheme Note 7

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,436	26.71	1,376,990	18.67	1
2	686	7.52	414,323	5.62	2
3	2	0.02	925	0.01	3
4	5,996	65.75	5,581,480	75.69	4

N8 -
Coding Scheme Note 8

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,124	34.25	1,792,239	24.31	1
2	4,194	45.99	4,039,929	54.79	2
3	79	0.87	57,380	0.78	3
4	1,710	18.75	1,472,643	19.97	4
5	13	0.14	11,528	0.16	5

N8_01 -
Coding Scheme Note 8_01

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,436	26.71	1,376,990	18.67	1
2	1,121	12.29	1,869,849	25.36	2
3	5,543	60.78	4,114,188	55.80	3
4	20	0.22	12,691	0.17	4

N9 -
Coding Scheme Note 9

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,342	58.57	4,688,903	63.59	1
2	26	0.29	22,226	0.30	2
3	3,747	41.09	2,660,744	36.08	3
4	2	0.02	393	0.01	4
5	3	0.03	1,453	0.02	5

N10 -
Coding Scheme Note 10

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,749	41.11	2,661,137	36.09	1
2	5,181	56.81	4,589,981	62.25	2
3	5	0.05	712	0.01	3
4	177	1.94	115,893	1.57	4
5	8	0.09	5,996	0.08	5

N10_B1 -
Coding Scheme Note 10_B1

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,162	12.74	871,730	11.82	1
2	178	1.95	110,076	1.49	2
3	7,770	85.20	6,386,181	86.61	3
4	1	0.01	169	0.00	4
5	9	0.10	5,563	0.08	5

N11 -
Coding Scheme Note 11

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,356	69.69	5,547,821	75.24	1
2	11	0.12	9,948	0.13	2
3	56	0.61	55,041	0.75	3
4	2,622	28.75	1,694,107	22.97	4
5	75	0.82	66,802	0.91	5

N12 -
Coding Scheme Note 12

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,759	30.25	2,155,163	29.23	1
2	18	0.20	11,389	0.15	2
3	134	1.47	89,634	1.22	3
4	6,138	67.30	5,056,903	68.58	4
5	71	0.78	60,630	0.82	5

N13 -
Coding Scheme Note 13

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,249	13.70	1,086,269	14.73	1
2	26	0.29	29,117	0.39	2
3	137	1.50	90,752	1.23	3
4	7,630	83.66	6,097,723	82.70	4
5	78	0.86	69,858	0.95	5

N14 -
Coding Scheme Note 14

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,262	13.84	1,398,161	18.96	1
2	11	0.12	9,036	0.12	2
3	218	2.39	143,524	1.95	3
4	7,554	82.83	5,758,071	78.09	4
5	75	0.82	64,927	0.88	5

N15 -
Coding Scheme Note 15

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,325	25.49	1,828,182	24.79	1
2	9	0.10	3,535	0.05	2
3	84	0.92	51,109	0.69	3
4	6,627	72.66	5,429,599	73.63	4
5	75	0.82	61,293	0.83	5

N16 -
Coding Scheme Note 16

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,378	26.07	1,676,155	22.73	1
2	14	0.15	14,014	0.19	2
3	53	0.58	25,906	0.35	3
4	6,595	72.31	5,591,684	75.83	4
5	80	0.88	65,960	0.89	5

N17 -
Coding Scheme Note 17

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,526	38.66	3,738,684	50.70	1
2	17	0.19	14,284	0.19	2
3	87	0.95	64,488	0.87	3
4	3,580	39.25	2,269,781	30.78	4
5	1,831	20.08	1,219,514	16.54	5
6	79	0.87	66,967	0.91	6

N18 -
Coding Scheme Note 18

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,113	12.20	805,742	10.93	1
2	7,985	87.55	6,545,737	88.77	2
3	20	0.22	22,149	0.30	3
4	2	0.02	91	0.00	4

N19A -
Coding Scheme Note 19A

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8	0.09	10,844	0.15	1
2	46	0.50	35,538	0.48	2
4	58	0.64	57,278	0.78	4
8	4,839	53.06	3,547,730	48.11	8
9	1	0.01	281	0.00	9
10	29	0.32	9,304	0.13	10
11	4,138	45.37	3,712,689	50.35	11
12	1	0.01	54	0.00	12

N19B -
Coding Scheme Note 19B

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,898	53.71	3,605,062	48.89	1
2	29	0.32	9,304	0.13	2
3	4,193	45.98	3,759,353	50.98	3

N20 -
Coding Scheme Note 20

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,927	54.02	3,614,366	49.02	1
2	2,384	26.14	2,573,556	34.90	2
3	1,758	19.28	1,148,704	15.58	3
4	4	0.04	722	0.01	4
5	28	0.31	20,181	0.27	5
6	19	0.21	16,190	0.22	6

N21 -
Coding Scheme Note 21

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,927	54.02	3,614,366	49.02	1
2	30	0.33	12,927	0.18	2
4	60	0.66	35,257	0.48	4
5	52	0.57	23,996	0.33	5
6	292	3.20	171,201	2.32	6
7	3,707	40.65	3,470,276	47.06	7
12	52	0.57	45,695	0.62	12

N22 -
Coding Scheme Note 22

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,474	38.09	2,994,727	40.61	1
2	176	1.93	101,357	1.37	2
3	5,342	58.57	4,165,111	56.49	3
4	128	1.40	112,524	1.53	4

N23 -
Coding Scheme Note 23

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,104	55.96	4,872,964	66.09	1
2	75	0.82	33,109	0.45	2
3	3,808	41.75	2,357,709	31.97	3
4	133	1.46	109,937	1.49	4

N23_HT -
Coding Scheme Note 23_HT

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,907	97.66	7,223,601	97.96	1
2	213	2.34	150,118	2.04	2

N23_WT -
Coding Scheme Note 23_WT

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,952	98.16	7,192,702	97.55	1
2	168	1.84	181,016	2.45	2

N24 -
Coding Scheme Note 24

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	401	4.40	300,023	4.07	1
2	321	3.52	228,512	3.10	2
3	285	3.13	132,239	1.79	3
4	22	0.24	18,966	0.26	4
5	7,761	85.10	6,432,248	87.23	5
6	330	3.62	261,729	3.55	6

N25 -
Coding Scheme Note 25

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	780	8.55	2,506,131	33.99	1
2	8,202	89.93	4,756,357	64.50	2
3	4	0.04	440	0.01	3
4	134	1.47	110,791	1.50	4

MISS_1 -
Count of original survey responses (pre-cleaning): violates skip pattern

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	9,120	100.00	7,373,719	100.00	0 times

MISS_4 -
Count of original survey responses (pre-cleaning): incomplete grid error

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	9,120	100.00	7,373,719	100.00	0 times

MISS_5 -
Count of original survey responses (pre-cleaning): scalable response of don't know

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	5,826	63.88	4,661,195	63.21	0 times
1	2,300	25.22	1,856,582	25.18	1 time
2	809	8.87	657,251	8.91	2 times
3	148	1.62	142,136	1.93	3 times
4	26	0.29	40,240	0.55	4 times
5	7	0.08	11,717	0.16	5 times
6	2	0.02	2,955	0.04	6 times
7	1	0.01	1,618	0.02	7 times
8	1	0.01	25	0.00	8 times

MISS_6 -
Count of original survey responses (pre-cleaning): not applicable - valid skip

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,029	88.04	6,624,875	89.84	0 times
1	605	6.63	440,424	5.97	1 time
2	257	2.82	161,344	2.19	2 times
3	94	1.03	47,099	0.64	3 times
4	46	0.50	33,774	0.46	4 times
5	39	0.43	37,737	0.51	5 times
6	18	0.20	10,025	0.14	6 times
7	10	0.11	4,483	0.06	7 times
8	6	0.07	2,726	0.04	8 times
9	6	0.07	3,043	0.04	9 times
10	5	0.05	600	0.01	10 times
11	4	0.04	7,168	0.10	11 times
12	1	0.01	419	0.01	12 times

MISS_7 -
Count of original survey responses (pre-cleaning): out-of-range error

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	9,120	100.00	7,373,719	100.00	0 times

MISS_9 -
Count of original survey responses (pre-cleaning): no response - invalid skip

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	7,271	79.73	6,185,024	83.88	0 times
4	1	0.01	508	0.01	4 times
5	3	0.03	763	0.01	5 times
6	5	0.05	4,478	0.06	6 times
7	3	0.03	1,152	0.02	7 times
8	4	0.04	4,605	0.06	8 times
9	8	0.09	6,508	0.09	9 times
10	3	0.03	1,239	0.02	10 times
11	12	0.13	10,158	0.14	11 times
12	4	0.04	5,134	0.07	12 times
13	16	0.18	14,798	0.20	13 times
14	11	0.12	9,668	0.13	14 times
15	9	0.10	2,384	0.03	15 times
16	9	0.10	7,894	0.11	16 times
17	12	0.13	13,427	0.18	17 times
18	11	0.12	5,595	0.08	18 times
19	14	0.15	10,163	0.14	19 times
20	5	0.05	7,603	0.10	20 times
21	11	0.12	4,604	0.06	21 times
22	19	0.21	13,241	0.18	22 times
23	17	0.19	14,017	0.19	23 times
24	13	0.14	4,019	0.05	24 times
25	14	0.15	7,887	0.11	25 times
26	27	0.30	17,500	0.24	26 times
27	13	0.14	8,619	0.12	27 times
28	12	0.13	10,358	0.14	28 times
29	10	0.11	3,803	0.05	29 times
30	24	0.26	20,363	0.28	30 times
31	8	0.09	9,218	0.13	31 times
32	24	0.26	17,617	0.24	32 times
33	16	0.18	14,647	0.20	33 times
34	21	0.23	15,213	0.21	34 times
35	31	0.34	19,875	0.27	35 times
36	25	0.27	21,858	0.30	36 times
37	29	0.32	24,629	0.33	37 times
38	50	0.55	37,308	0.51	38 times
39	48	0.53	40,008	0.54	39 times
40 -- 96	1,307	14.33	777,833	10.55	40 or more times

MISS_TOT -
Total number of missing responses (pre-cleaning)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	4,380	48.03	3,753,807	50.91	0 times
1	1,975	21.66	1,637,992	22.21	1 time
2	725	7.95	592,546	8.04	2 times
3	153	1.68	162,756	2.21	3 times
4	27	0.30	26,814	0.36	4 times
5	10	0.11	9,490	0.13	5 times
7	4	0.04	2,376	0.03	7 times
9	4	0.04	5,596	0.08	9 times
10	2	0.02	208	0.00	10 times
11	6	0.07	2,656	0.04	11 times
12	3	0.03	1,947	0.03	12 times
13	13	0.14	5,536	0.08	13 times
14	13	0.14	15,347	0.21	14 times
15	8	0.09	3,799	0.05	15 times
16	8	0.09	7,046	0.10	16 times
17	19	0.21	17,615	0.24	17 times
18	13	0.14	11,654	0.16	18 times
19	10	0.11	6,398	0.09	19 times
20	5	0.05	3,025	0.04	20 times
21	16	0.18	14,855	0.20	21 times
22	21	0.23	14,507	0.20	22 times
23	13	0.14	15,222	0.21	23 times
24	17	0.19	5,742	0.08	24 times
25	15	0.16	10,423	0.14	25 times
26	19	0.21	8,803	0.12	26 times
27	14	0.15	9,911	0.13	27 times
28	11	0.12	10,359	0.14	28 times
29	10	0.11	5,133	0.07	29 times
30	17	0.19	10,218	0.14	30 times
31	12	0.13	4,078	0.06	31 times
32	24	0.26	25,021	0.34	32 times
33	14	0.15	10,190	0.14	33 times
34	18	0.20	16,707	0.23	34 times
35	23	0.25	11,241	0.15	35 times
36	28	0.31	23,420	0.32	36 times
37	20	0.22	15,256	0.21	37 times
38	37	0.41	28,704	0.39	38 times
39	45	0.49	36,977	0.50	39 times
40 -- 97	1,368	15.00	830,342	11.26	40 or more times

JSFLAG -
Joint Service Flag

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,893	97.51	7,100,196	96.29	Not Joint Service
1	227	2.49	273,523	3.71	Joint Service

XENRLLMT -
Enrollment in TRICARE prime

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	44	0.48	41,902	0.57	Missing/Unknown
1	3,202	35.11	1,341,983	18.20	Active Duty - under 65
2	4,279	46.92	2,190,994	29.71	Enrolled - under 65
3	1,224	13.42	1,610,784	21.84	Not enrolled - under 65
4	329	3.61	1,975,017	26.78	Not enrolled - 65 or over
5	42	0.46	213,038	2.89	Enrolled - 65 or over

XENR_PCM -
Enrollment by PCM type

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	44	0.48	41,902	0.57	Missing/Unknown
1	3,202	35.11	1,341,983	18.20	Active Duty - under 65
2	3,552	38.95	1,439,972	19.53	Enrolled - under 65, Mil PCM
3	727	7.97	751,022	10.19	Enrolled - under 65, Civ PCM
4	1,224	13.42	1,610,784	21.84	Not enrolled - under 65
5	329	3.61	1,975,017	26.78	Not enrolled - 65 or over
6	34	0.37	174,006	2.36	Enrolled - 65 or over,Mil PCM
7	8	0.09	39,032	0.53	Enrolled - 65 or over,Civ PCM

XINS_COV -
Insurance coverage

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	226	2.48	176,471	2.39	Missing/Unknown
1	3,202	35.11	1,341,983	18.20	Prime-under 65 Active Duty
2	3,665	40.19	1,835,178	24.89	Prime-under 65 Non-active Duty
3	558	6.12	639,356	8.67	Standard/Extra
4	475	5.21	2,037,773	27.64	Medicare
5	516	5.66	671,636	9.11	Other civilian insurance
6	2	0.02	9,995	0.14	Prime,65 or over
7	48	0.53	54,215	0.74	TRICARE Plus
8	245	2.69	254,822	3.46	Veterans Administration (VA)
9	89	0.98	211,085	2.86	TRICARE Reserve Select
10	70	0.77	85,148	1.15	TRICARE Retired Reserve
12	1	0.01	6,221	0.08	Continued Health Care Benefit Program
13	11	0.12	20,532	0.28	TRICARE Young Adult Prime
14	12	0.13	29,304	0.40	TRICARE Young Adult Standard/Extra

XBENCAT -
Beneficiary category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	10	0.11	12,297	0.17	Missing/Other
1	2,728	29.91	1,174,312	15.93	Active Duty
2	1,602	17.57	764,111	10.36	Dependent of Active Duty
3	439	4.81	137,297	1.86	Active Reservist
4	227	2.49	93,202	1.26	Dependent of Active Reservist
5	86	0.94	179,204	2.43	Inactive Reservist
6	46	0.50	93,438	1.27	Dependent of Inactive Reservist
7	3,568	39.12	2,690,011	36.48	Retired or dependent<65
8	414	4.54	2,229,847	30.24	Retired or dependent>65

XENR_RSV -
Enrollment by PCM type - reservist

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	44	0.48	41,902	0.57	Missing/Unknown
1	2,727	29.90	1,168,113	15.84	Active Duty - under 65
2	3,552	38.95	1,439,972	19.53	Enrolled - under 65, Mil PCM
3	727	7.97	751,022	10.19	Enrolled - under 65, Civ PCM
4	1,224	13.42	1,610,784	21.84	Not enrolled - under 65
5	329	3.61	1,975,017	26.78	Not enrolled - 65 or over
6	34	0.37	174,006	2.36	Enrolled - 65 or over,Mil PCM
7	8	0.09	39,032	0.53	Enrolled - 65 or over,Civ PCM
8	475	5.21	173,870	2.36	Reservists - under 65

XINS_RSV -
Insurance coverage - reservist

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	226	2.48	176,471	2.39	Missing/Unknown
1	2,727	29.90	1,168,113	15.84	Prime-under 65 Active Duty
2	3,665	40.19	1,835,178	24.89	Prime-under 65 Non-active Duty
3	558	6.12	639,356	8.67	Standard/Extra
4	475	5.21	2,037,773	27.64	Medicare
5	516	5.66	671,636	9.11	Other civilian insurance
6	2	0.02	9,995	0.14	Prime,65 or over
7	48	0.53	54,215	0.74	TRICARE Plus
8	245	2.69	254,822	3.46	Veterans Administration (VA)
9	89	0.98	211,085	2.86	TRICARE Reserve Select
10	475	5.21	173,870	2.36	Prime-under 65 Reservists
11	70	0.77	85,148	1.15	TRICARE Retired Reserve
13	1	0.01	6,221	0.08	Continued Health Care Benefit Program
14	11	0.12	20,532	0.28	TRICARE Young Adult Prime
15	12	0.13	29,304	0.40	TRICARE Young Adult Standard/Extra

XREGION -
Region

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.17	65,904	0.89	Missing data
1	1,107	12.14	1,054,949	14.31	Northeast
2	674	7.39	758,904	10.29	Mid-Atlantic
3	885	9.70	919,815	12.47	Southeast
4	803	8.80	617,373	8.37	Gulfsouth
5	478	5.24	582,381	7.90	Heartland
6	944	10.35	849,313	11.52	Southwest
7	509	5.58	335,031	4.54	Central 7
8	1,094	12.00	769,792	10.44	Central 8
9	766	8.40	442,011	5.99	Southern California
10	226	2.48	172,199	2.34	Golden Gate
11	325	3.56	324,415	4.40	Northwest
12	136	1.49	127,548	1.73	Hawaii
13	455	4.99	120,989	1.64	Europe
14	369	4.05	131,799	1.79	Western Pacific Command
15	115	1.26	32,859	0.45	TRICARE Latin America
16	127	1.39	68,437	0.93	Alaska

XTNEXREG -
TRICARE next generation of contracts region grouping

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,280	25.00	2,427,310	32.92	North
2	2,638	28.93	2,401,892	32.57	South
3	3,186	34.93	2,241,811	30.40	West
4	1,016	11.14	302,706	4.11	Overseas

USA -
CONUS/OCONUS indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.17	65,904	0.89	Invalid/Missing
0	939	10.30	285,647	3.87	Not in USA
1	8,074	88.53	7,022,168	95.23	In USA

XOCONUS -
Overseas Europe/Pacific/Latin indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,181	89.70	7,088,072	96.13	In Conus/Missing Region
1	455	4.99	120,989	1.64	Europe
2	369	4.05	131,799	1.79	Western Pacific
3	115	1.26	32,859	0.45	Latin America

OUTCATCH -
Out of catchment area indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	7,087	77.71	3,971,954	53.87	Catchment areas
1	2,033	22.29	3,401,764	46.13	Out of catchment areas

XSEXA -
Male or female (recode)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,927	54.02	3,614,366	49.02	Male
2	4,193	45.98	3,759,353	50.98	Female

XBMI -
Body mass index

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	655	7.18	563,750	7.65	Missing
15.700 -- 22.100	1,097	12.03	884,589	12.00	Minimum to 10th Percentile
22.200 -- 24.400	1,415	15.52	1,132,691	15.36	>10th to 25th Percentile
24.500 -- 27.100	2,066	22.65	1,679,076	22.77	>25th to 50th Percentile
27.200 -- 29.400	1,535	16.83	1,113,298	15.10	>50th to 75th Percentile
29.500 -- 33.800	1,609	17.64	1,297,329	17.59	>75th to 90th Percentile
33.900 -- 50.100	743	8.15	702,985	9.53	>90th to 100th Percentile

XBMICAT -
Body mass index category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	655	7.18	563,750	7.65	Missing data
1	53	0.58	44,675	0.61	Underweight
2	2,673	29.31	2,153,498	29.21	Normal weight
3	3,640	39.91	2,780,466	37.71	Overweight
4	1,988	21.80	1,684,413	22.84	Obese
5	111	1.22	146,916	1.99	Morbidly obese

XBNFGRP -
Constructed beneficiary group

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	75	0.82	231,695	3.14	TRS/Missing/Unknown
1	3,202	35.11	1,341,983	18.20	Active Duty <65
2	1,851	20.30	867,886	11.77	Family of Active <65
3	3,621	39.70	2,744,100	37.21	Ret/Surv/Fam <65
4	371	4.07	2,188,055	29.67	Ret/Surv/Fam 65+

XSERVAFF -
Service affiliation

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,572	17.24	1,472,531	19.97	Army
2	3,586	39.32	1,124,406	15.25	Air Force
3	1,640	17.98	1,103,432	14.96	Navy
4	2,152	23.60	3,444,167	46.71	Other
5	170	1.86	229,183	3.11	Joint Service

KMILOPQY -
Outpatient visits to military facility

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	32	0.35	29,713	0.40	No response
1	4,286	47.00	5,188,625	70.37	None
2	694	7.61	284,706	3.86	1 visit
3	1,115	12.23	505,884	6.86	2 visits
4	939	10.30	392,447	5.32	3 visits
5	777	8.52	355,231	4.82	4 visits
6	905	9.92	433,392	5.88	5 to 9 visits
7	372	4.08	183,721	2.49	10 or more visits

KCIVOPQY -
Outpatient visits to civilian facility

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	32	0.35	29,497	0.40	No response
1	6,070	66.56	2,959,068	40.13	None
2	331	3.63	418,144	5.67	1 visit
3	573	6.28	796,037	10.80	2 visits
4	482	5.29	737,227	10.00	3 visits
5	477	5.23	748,501	10.15	4 visits
6	737	8.08	1,123,604	15.24	5 to 9 visits
7	418	4.58	561,641	7.62	10 or more visits

KCIVINS -
Beneficiary covered by civilian insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	630	6.91	805,474	10.92	Yes
2	8,490	93.09	6,568,244	89.08	No

HP_PRNTL -
Pregnant in last year received care in 1st trimester

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3,794	41.60	3,538,924	47.99	Missing/Unknown/3 mnths prg now/not prg past yr
N	4,927	54.02	3,614,366	49.02	NA - male
1	362	3.97	195,242	2.65	Yes
2	37	0.41	25,187	0.34	No

HP_MAMOG -
Women age 40 and over: mammography in past 2 years

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6,800	74.56	4,829,593	65.50	Missing/Unknown/NA
1	1,970	21.60	2,153,402	29.20	Yes
2	350	3.84	390,723	5.30	No

HP_MAM50 -
Women age 50 and over: mammography in past 2 years

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,509	82.34	5,188,506	70.36	Missing/Unknown/NA
1	1,416	15.53	1,885,124	25.57	Yes
2	195	2.14	300,089	4.07	No

HP_PAP -
All women: pap smear in last 3 years

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,989	54.70	3,655,949	49.58	Missing/Unknown/NA
1	3,309	36.28	2,585,228	35.06	Yes
2	822	9.01	1,132,541	15.36	No

HP_BP -
Blood pressure check in last 2 years and know results

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	177	1.94	166,890	2.26	Unknown
1	8,421	92.34	6,843,792	92.81	Yes
2	522	5.72	363,037	4.92	No

HP_FLU -
Age 65 and older: flu shot in last 12 months

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,711	95.52	5,172,653	70.15	Missing/Unknown/NA
1	308	3.38	1,626,085	22.05	Yes
2	101	1.11	574,980	7.80	No

HP_OBESE -
Obese or morbidly obese

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	655	7.18	563,750	7.65	Missing/Unknown/NA
1	2,099	23.02	1,831,329	24.84	Yes
2	6,366	69.80	4,978,640	67.52	No

HP_SMOKE -
Advised to quit smoking in last 12 months

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,104	88.86	6,661,380	90.34	Missing/Unknown/NA
1	818	8.97	539,475	7.32	Yes
2	198	2.17	172,864	2.34	No

HP_SMKH3 -
Smoker under HEDIS definition (modified)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	313	3.43	248,487	3.37	Missing/Unknown/NA
1	598	6.56	422,261	5.73	Yes
2	8,209	90.01	6,702,971	90.90	No

HP_CESH3 -
Had smoking cessation counseling - HEDIS (modified)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,122	89.06	6,675,411	90.53	Missing/Unknown/NA
1	810	8.88	534,963	7.25	Yes
2	188	2.06	163,345	2.22	No

DOM_INTL -
Domestic or international address

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	4,807	52.71	3,674,790	49.84	Missing
D	4,213	46.20	3,674,968	49.84	Domestic
I	100	1.10	23,960	0.32	International

LTR_TYPE -
Letter group for this participant

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,807	52.71	3,674,790	49.84	Did not answer
1	3,642	39.93	3,322,443	45.06	1:Letter group 1
2	348	3.82	164,132	2.23	2:Letter group 2
3	323	3.54	212,352	2.88	3:Letter group 3

RMDR_FLG -
Reminder letter for this participant

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,807	52.71	3,674,790	49.84	Did not answer
1	2,181	23.91	1,374,688	18.64	Control group w/questionnaire
2	1,461	16.02	1,947,756	26.41	Control grp w/o questionnaire
3	394	4.32	187,258	2.54	Expmnt grp w/o questionnaire
4	277	3.04	189,227	2.57	Expmnt grp w/questionnaire

QAIRE -
Paper survey or letter only

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,807	52.71	3,674,790	49.84	Did not answer
1	2,458	26.95	1,563,914	21.21	1:Paper survey
2	1,855	20.34	2,135,014	28.95	2:Letter only

XCATCH -
XCATCH - Catchment area (reporting)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	61	0.67	10,146	0.14	Fox AHC-Redstone Arsenal
3	56	0.61	19,149	0.26	Lyster AHC-Ft. Rucker
4	101	1.11	10,941	0.15	42nd Medical Group-Maxwell
5	30	0.33	22,225	0.30	Bassett ACH-Ft. Wainwright
6	71	0.78	37,694	0.51	3rd Med Grp-Elmendorf
8	94	1.03	7,300	0.10	R W Bliss AHC-Ft. Huachuca
9	56	0.61	17,658	0.24	56th Med Grp-Luke
10	41	0.45	13,664	0.19	355th Med Grp-Davis Monthan
13	52	0.57	10,078	0.14	19th Medical Group-Little Rock
14	73	0.80	54,856	0.74	60th Med Grp-Travis
18	81	0.89	4,996	0.07	30th Med Grp-Vandenberg
19	73	0.80	5,077	0.07	95th Med Grp-Edwards
24	57	0.63	105,485	1.43	NH Camp Pendleton

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
26	53	0.58	5,636	0.08	NBHC Port Hueneme
28	49	0.54	15,570	0.21	NH LeMoore
29	92	1.01	131,920	1.79	NMC San Diego
30	43	0.47	31,944	0.43	NH Twentynine Palms
32	42	0.46	94,868	1.29	Evans ACH-Ft. Carson
33	72	0.79	17,949	0.24	10th Med Group-USAF Academy CO
38	62	0.68	90,261	1.22	NH Pensacola
39	58	0.64	110,298	1.50	NH Jacksonville
42	60	0.66	73,496	1.00	96th Med Grp-Eglin
43	96	1.05	9,567	0.13	325th Med Grp-Tyndall
45	50	0.55	27,177	0.37	6th Med Grp-MacDill
46	114	1.25	10,588	0.14	45th Med Grp-Patrick
47	66	0.72	70,348	0.95	Eisenhower AMC-Ft. Gordon
48	30	0.33	40,154	0.54	Martin ACH-Ft. Benning
49	37	0.41	58,432	0.79	Winn ACH-Ft. Stewart
50	25	0.27	9,670	0.13	23rd Med Grp-Moody
51	59	0.65	10,295	0.14	78th Med Grp-Robins
52	83	0.91	104,885	1.42	Tripler AMC-Ft. Shafter
53	78	0.86	6,640	0.09	366th Med Grp-Mountain Home
55	49	0.54	15,129	0.21	375th Med Grp-Scott
56	29	0.32	34,029	0.46	FHCC-Formerly NHC Great Lakes
57	40	0.44	30,947	0.42	Irwin ACH-Ft. Riley
58	52	0.57	11,565	0.16	Munson AHC-Ft. Leavenworth
60	47	0.52	68,056	0.92	Blanchfield ACH-Ft. Campbell
61	65	0.71	37,916	0.51	Ireland ACH-Ft. Knox
62	47	0.52	11,656	0.16	2nd Med Grp-Barksdale
64	38	0.42	29,488	0.40	Bayne-Jones ACH-Ft. Polk
66	52	0.57	23,103	0.31	779th Med Grp-Andrews
67	102	1.12	93,246	1.26	Walter Reed Natl Mil Med Cntr
68	45	0.49	10,357	0.14	NHC Patuxent River
69	64	0.70	50,627	0.69	Kimbrough Amb Car Cen-Ft Meade
73	44	0.48	20,728	0.28	81st Med Grp-Keesler
74	87	0.95	3,134	0.04	14th Med Grp-Columbus
75	37	0.41	21,146	0.29	L. Wood ACH-Ft. Leonard Wood
76	61	0.67	8,152	0.11	509th Med Grp-Whiteman
77	76	0.83	7,006	0.10	341st Med Grp-Malmstrom
78	54	0.59	17,755	0.24	55th Med Grp-Offutt
79	55	0.60	40,625	0.55	99th Med Grp-O'Callaghan Hosp
83	94	1.03	9,890	0.13	377th Med Grp-Kirtland
86	61	0.67	27,963	0.38	Keller ACH-West Point
89	82	0.90	141,481	1.92	Womack AMC-Ft. Bragg

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
90	24	0.26	12,753	0.17	4th Med Grp-Seymour Johnson
91	49	0.54	95,952	1.30	NH Camp Lejeune
92	33	0.36	14,913	0.20	NHC Cherry Point
94	66	0.72	9,201	0.12	5th Med Grp-Minot
95	86	0.94	48,474	0.66	88th Med Grp-Wright-Patterson
96	48	0.53	13,905	0.19	72nd Med Grp-Tinker
98	36	0.39	30,960	0.42	Reynolds ACH-Ft. Sill
100	48	0.53	17,927	0.24	Naval Hlth Clinic New England
101	53	0.58	9,763	0.13	20th Med Grp-Shaw
103	26	0.29	12,706	0.17	Naval Health Clinic Charleston
104	33	0.36	17,015	0.23	NH Beaufort
105	45	0.49	45,898	0.62	Moncrief ACH-Ft. Jackson
106	22	0.24	8,770	0.12	28th Med Grp-Ellsworth
108	43	0.47	67,904	0.92	William Beaumont AMC-Ft. Bliss
109	71	0.78	160,201	2.17	Brooke AMC-Ft. Sam Houston
110	60	0.66	122,358	1.66	Darnall ACH-Ft. Hood
112	70	0.77	7,759	0.11	7th Med Grp-Dyess
113	55	0.60	8,502	0.12	82nd Med Grp-Sheppard
117	38	0.42	32,976	0.45	59th Med Wing-Lackland
118	77	0.84	10,489	0.14	NHC Corpus Christi
119	45	0.49	11,915	0.16	75th Med Grp-Hill
120	65	0.71	55,625	0.75	633rd Med Grp Langley-Eustis
121	48	0.53	29,689	0.40	McDonald AHC-Ft. Eustis
122	43	0.47	14,792	0.20	Kenner AHC-Ft. Lee
123	108	1.18	176,497	2.39	Ft Belvoir Community Hosp-FBCH
124	93	1.02	176,719	2.40	NMC Portsmouth
125	56	0.61	108,041	1.47	Madigan AMC-Ft. Lewis
126	31	0.34	40,815	0.55	NH Bremerton
127	56	0.61	20,561	0.28	NH Oak Harbor
128	82	0.90	7,642	0.10	92nd Med Grp-Fairchild
129	79	0.87	6,800	0.09	90th Med Grp-F.E. Warren
131	44	0.48	7,505	0.10	Weed ACH-Ft. Irwin
231	54	0.59	13,043	0.18	NBHC NAS North Island
248	68	0.75	6,002	0.08	61st Med Group-Los Angeles
252	46	0.50	17,562	0.24	21st Med Grp-Peterson
280	49	0.54	19,183	0.26	NHC Hawaii
287	27	0.30	8,513	0.12	15th Med Grp-Hickam
306	61	0.67	12,458	0.17	NHC Annapolis
310	65	0.71	4,434	0.06	66th Med Grp-Hanscom
326	31	0.34	17,702	0.24	87th Med Grp-McGuire
330	34	0.37	21,420	0.29	Guthrie AHC-Ft. Drum

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
356	25	0.27	10,606	0.14	628th Med Grp-Charleston
364	55	0.60	7,095	0.10	17th Med Grp-Goodfellow
366	68	0.75	15,904	0.22	359th Med Grp-Randolph
378	46	0.50	13,892	0.19	NBHC Little Creek
385	67	0.73	16,814	0.23	NHC Quantico
387	50	0.55	9,302	0.13	NBHC Oceana
405	38	0.42	11,679	0.16	NBHC Mayport
407	32	0.35	10,919	0.15	NBHC NTC San Diego
508	52	0.57	15,628	0.21	NBHC Navsta Sewells
607	43	0.47	28,895	0.39	Landstuhl Regional Medcen
609	36	0.39	28,430	0.39	Bavaria Meddac
612	38	0.42	28,130	0.38	Brian Allgood ACH-Seoul
620	47	0.52	8,562	0.12	NH Guam-Agana
621	29	0.32	24,446	0.33	NH Okinawa
622	39	0.43	25,111	0.34	NH Yokosuka
624	25	0.27	5,421	0.07	NH Sigonella
633	62	0.68	12,125	0.16	48th Med Grp-Lakenheath
638	40	0.44	9,724	0.13	51st Med Grp-Osan AB
639	23	0.25	5,319	0.07	35th Med Grp-Misawa
640	25	0.27	4,164	0.06	374th Med Grp-Yokota AB
804	51	0.56	10,588	0.14	18th Med Grp-Kadena AB
805	98	1.07	4,662	0.06	52nd Med Group-Spangdahlem
806	61	0.67	13,232	0.18	86th Medical Group-Ramstein
808	27	0.30	7,082	0.10	31st Med Grp-Aviano
6215	108	1.18	5,354	0.07	TRICARE Outpatient-Chula Vista
7139	60	0.66	12,218	0.17	1st Spec Ops Med Grp-Hurlburt
9102	28	0.31	11,833	0.16	North Region-Air force
9104	57	0.63	27,899	0.38	North Region-Other
9202	32	0.35	11,222	0.15	South Region-Air force
9204	28	0.31	10,101	0.14	South Region-Other
9302	113	1.24	55,901	0.76	West Region-Air force
9304	33	0.36	12,583	0.17	West Region-Other
9401	1	0.01	91	0.00	Europe-Army
9402	18	0.20	3,405	0.05	Europe-Air force
9403	18	0.20	3,949	0.05	Europe-Navy
9501	5	0.05	1,199	0.02	Pacific-Army
9502	35	0.38	7,396	0.10	Pacific-Air force
9603	3	0.03	764	0.01	Latin America-Navy
9604	7	0.08	2,001	0.03	Latin America-Other
9901	594	6.51	1,125,461	15.26	Out of Catchment North Region
9902	574	6.29	1,211,075	16.42	Out of Catchment South Region

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
9903	573	6.28	976,431	13.24	Out of Catchment West Region
9904	292	3.20	88,797	1.20	Out of Catchment OCONUS Region

POSTCELL -
Poststratification cell for new weights

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
09999	74	0.81	231,585	3.14	09999
10001	61	0.67	10,146	0.14	10001
10003	55	0.60	12,928	0.18	10003
10004	101	1.11	10,941	0.15	10004
10005	27	0.30	17,961	0.24	10005
10006	63	0.69	19,420	0.26	10006
10008	94	1.03	7,300	0.10	10008
10009	56	0.61	17,658	0.24	10009
10010	41	0.45	13,664	0.19	10010
10013	52	0.57	10,078	0.14	10013
10014	54	0.59	20,196	0.27	10014
10018	81	0.89	4,996	0.07	10018
10019	73	0.80	5,077	0.07	10019
10024	27	0.30	57,965	0.79	10024
10026	53	0.58	5,636	0.08	10026
10028	45	0.49	13,896	0.19	10028
10029	50	0.55	71,305	0.97	10029
10030	37	0.41	17,332	0.24	10030
10032	22	0.24	48,005	0.65	10032
10033	72	0.79	17,949	0.24	10033
10038	44	0.48	42,990	0.58	10038
10039	30	0.33	47,888	0.65	10039
10042	39	0.43	23,055	0.31	10042
10043	96	1.05	9,567	0.13	10043
10045	50	0.55	27,177	0.37	10045
10046	114	1.25	10,588	0.14	10046
10047	55	0.60	33,159	0.45	10047
10048	28	0.31	39,351	0.53	10048
10049	28	0.31	38,835	0.53	10049
10051	59	0.65	10,295	0.14	10051
10052	58	0.64	54,764	0.74	10052
10053	78	0.86	6,640	0.09	10053
10055	49	0.54	15,129	0.21	10055
10056	21	0.23	19,411	0.26	10056
10057	34	0.37	26,966	0.37	10057
10058	52	0.57	11,565	0.16	10058
10060	37	0.41	49,985	0.68	10060
10061	55	0.60	18,921	0.26	10061

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10062	47	0.52	11,656	0.16	10062
10064	35	0.38	14,672	0.20	10064
10066	51	0.56	18,666	0.25	10066
10067	58	0.64	33,099	0.45	10067
10068	45	0.49	10,357	0.14	10068
10069	63	0.69	46,190	0.63	10069
10073	39	0.43	16,358	0.22	10073
10074	87	0.95	3,134	0.04	10074
10075	34	0.37	17,951	0.24	10075
10076	61	0.67	8,152	0.11	10076
10077	76	0.83	7,006	0.10	10077
10078	54	0.59	17,755	0.24	10078
10079	44	0.48	30,893	0.42	10079
10083	94	1.03	9,890	0.13	10083
10086	55	0.60	11,447	0.16	10086
10089	47	0.52	86,652	1.18	10089
10091	33	0.36	61,595	0.84	10091
10092	33	0.36	14,913	0.20	10092
10094	66	0.72	9,201	0.12	10094
10095	74	0.81	22,581	0.31	10095
10096	48	0.53	13,905	0.19	10096
10098	30	0.33	21,356	0.29	10098
10100	48	0.53	17,927	0.24	10100
10101	53	0.58	9,763	0.13	10101
10103	26	0.29	12,706	0.17	10103
10104	29	0.32	14,200	0.19	10104
10105	37	0.41	20,792	0.28	10105
10108	35	0.38	48,267	0.65	10108
10109	37	0.41	54,820	0.74	10109
10110	36	0.39	69,322	0.94	10110
10112	70	0.77	7,759	0.11	10112
10113	55	0.60	8,502	0.12	10113
10117	38	0.42	32,976	0.45	10117
10118	77	0.84	10,489	0.14	10118
10119	45	0.49	11,915	0.16	10119
10120	48	0.53	24,572	0.33	10120
10121	45	0.49	16,378	0.22	10121
10122	43	0.47	14,792	0.20	10122
10123	46	0.50	58,442	0.79	10123
10124	43	0.47	86,831	1.18	10124
10125	36	0.39	72,277	0.98	10125
10126	27	0.30	32,467	0.44	10126
10127	54	0.59	14,716	0.20	10127
10128	82	0.90	7,642	0.10	10128
10129	79	0.87	6,800	0.09	10129
10131	43	0.47	6,948	0.09	10131
10231	54	0.59	13,043	0.18	10231

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10248	68	0.75	6,002	0.08	10248
10252	46	0.50	17,562	0.24	10252
10280	49	0.54	19,183	0.26	10280
10306	61	0.67	12,458	0.17	10306
10310	65	0.71	4,434	0.06	10310
10330	34	0.37	21,420	0.29	10330
10364	55	0.60	7,095	0.10	10364
10366	68	0.75	15,904	0.22	10366
10378	46	0.50	13,892	0.19	10378
10385	67	0.73	16,814	0.23	10385
10387	50	0.55	9,302	0.13	10387
10405	38	0.42	11,679	0.16	10405
10407	32	0.35	10,919	0.15	10407
10508	52	0.57	15,628	0.21	10508
10607	37	0.41	27,933	0.38	10607
10609	35	0.38	24,851	0.34	10609
10612	34	0.37	27,336	0.37	10612
10620	46	0.50	8,471	0.11	10620
10621	28	0.31	24,102	0.33	10621
10622	32	0.35	23,729	0.32	10622
10633	59	0.65	11,972	0.16	10633
10804	51	0.56	10,588	0.14	10804
10805	98	1.07	4,662	0.06	10805
10806	61	0.67	13,232	0.18	10806
16215	108	1.18	5,354	0.07	16215
17139	60	0.66	12,218	0.17	17139
19001	257	2.82	118,841	1.61	19001
19002	225	2.47	78,179	1.06	19002
19003	289	3.17	120,526	1.63	19003
19004	267	2.93	60,231	0.82	19004
29001	258	2.83	251,422	3.41	29001
29002	214	2.35	303,015	4.11	29002
29003	258	2.83	198,741	2.70	29003
39001	327	3.59	539,569	7.32	39001
39002	288	3.16	442,477	6.00	39002
39003	302	3.31	384,763	5.22	39003
39004	259	2.84	49,060	0.67	39004
69001	137	1.50	692,994	9.40	69001
69002	122	1.34	832,690	11.29	69002
69003	112	1.23	662,371	8.98	69003

FWRWT1 -
Replicated/Jackknife quarterly weight 1

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.791	939	10.30	149,235	2.02	Minimum to 10th Percentile
44.127 -- 108.462	1,345	14.75	94,248	1.28	>10th to 25th Percentile
108.719 -- 269.379	2,289	25.10	418,163	5.67	>25th to 50th Percentile
270.704 -- 803.067	2,315	25.38	1,099,685	14.91	>50th to 75th Percentile
806.153 -- 1891.029	1,329	14.57	1,660,542	22.52	>75th to 90th Percentile
1897.619 -- 11446.27	903	9.90	3,951,846	53.59	>90th to 100th Percentile

FWRWT2 -
Replicated/Jackknife quarterly weight 2

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.107	948	10.39	153,342	2.08	Minimum to 10th Percentile
43.687 -- 109.493	1,326	14.54	92,254	1.25	>10th to 25th Percentile
109.512 -- 264.645	2,289	25.10	415,676	5.64	>25th to 50th Percentile
264.973 -- 797.615	2,243	24.59	1,038,042	14.08	>50th to 75th Percentile
804.617 -- 1880.080	1,403	15.38	1,718,101	23.30	>75th to 90th Percentile
1883.037 -- 11487.74	911	9.99	3,956,304	53.65	>90th to 100th Percentile

FWRWT3 -
Replicated/Jackknife quarterly weight 3

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.328	926	10.15	142,886	1.94	Minimum to 10th Percentile
42.683 -- 110.132	1,343	14.73	93,338	1.27	>10th to 25th Percentile
110.534 -- 268.955	2,299	25.21	418,409	5.67	>25th to 50th Percentile
270.447 -- 795.409	2,301	25.23	1,089,733	14.78	>50th to 75th Percentile
797.941 -- 1872.140	1,340	14.69	1,671,467	22.67	>75th to 90th Percentile
1874.152 -- 11384.01	911	9.99	3,957,886	53.68	>90th to 100th Percentile

FWRWT4 -
Replicated/Jackknife quarterly weight 4

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.543	928	10.18	119,829	1.63	Minimum to 10th Percentile
43.473 -- 108.463	1,336	14.65	93,060	1.26	>10th to 25th Percentile
108.564 -- 272.932	2,299	25.21	418,750	5.68	>25th to 50th Percentile
274.520 -- 801.403	2,232	24.47	1,033,073	14.01	>50th to 75th Percentile
803.830 -- 1868.181	1,414	15.50	1,729,298	23.45	>75th to 90th Percentile
1870.459 -- 11383.12	911	9.99	3,979,709	53.97	>90th to 100th Percentile

FWRWT5 -
Replicated/Jackknife quarterly weight 5

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.590	944	10.35	143,315	1.94	Minimum to 10th Percentile
43.667 -- 108.420	1,337	14.66	93,991	1.27	>10th to 25th Percentile
108.632 -- 267.439	2,284	25.04	417,144	5.66	>25th to 50th Percentile
267.940 -- 798.139	2,323	25.47	1,107,254	15.02	>50th to 75th Percentile
798.949 -- 1859.035	1,332	14.61	1,667,952	22.62	>75th to 90th Percentile
1865.384 -- 11412.66	900	9.87	3,944,062	53.49	>90th to 100th Percentile

FWRWT6 -
Replicated/Jackknife quarterly weight 6

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.431	944	10.35	171,686	2.33	Minimum to 10th Percentile
43.545 -- 109.279	1,338	14.67	93,972	1.27	>10th to 25th Percentile
109.653 -- 277.724	2,279	24.99	416,034	5.64	>25th to 50th Percentile
278.312 -- 799.613	2,209	24.22	1,012,330	13.73	>50th to 75th Percentile
800.595 -- 1847.194	1,441	15.80	1,744,783	23.66	>75th to 90th Percentile
1848.627 -- 11562.61	909	9.97	3,934,914	53.36	>90th to 100th Percentile

FWRWT7 -
Replicated/Jackknife quarterly weight 7

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.437	921	10.10	117,839	1.60	Minimum to 10th Percentile
42.815 -- 109.314	1,374	15.07	97,078	1.32	>10th to 25th Percentile
109.522 -- 269.881	2,268	24.87	415,846	5.64	>25th to 50th Percentile
271.070 -- 789.733	2,232	24.47	1,036,685	14.06	>50th to 75th Percentile
796.634 -- 1864.294	1,417	15.54	1,732,322	23.49	>75th to 90th Percentile
1880.822 -- 11459.85	908	9.96	3,973,948	53.89	>90th to 100th Percentile

FWRWT8 -
Replicated/Jackknife quarterly weight 8

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.426	934	10.24	151,522	2.05	Minimum to 10th Percentile
43.061 -- 109.383	1,354	14.85	94,756	1.29	>10th to 25th Percentile
109.804 -- 267.922	2,276	24.96	414,453	5.62	>25th to 50th Percentile
268.909 -- 799.452	2,316	25.39	1,095,038	14.85	>50th to 75th Percentile
799.804 -- 1891.362	1,331	14.59	1,657,029	22.47	>75th to 90th Percentile
1892.951 -- 11452.28	909	9.97	3,960,920	53.72	>90th to 100th Percentile

FWRWT9 -
Replicated/Jackknife quarterly weight 9

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.381	920	10.09	121,629	1.65	Minimum to 10th Percentile
44.006 -- 109.444	1,340	14.69	93,658	1.27	>10th to 25th Percentile
110.502 -- 275.132	2,309	25.32	422,023	5.72	>25th to 50th Percentile
275.761 -- 809.484	2,321	25.45	1,107,432	15.02	>50th to 75th Percentile
810.096 -- 1878.920	1,332	14.61	1,679,306	22.77	>75th to 90th Percentile
1886.561 -- 11433.75	898	9.85	3,949,671	53.56	>90th to 100th Percentile

FWRWT10 -
Replicated/Jackknife quarterly weight 10

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.180	938	10.29	169,162	2.29	Minimum to 10th Percentile
43.787 -- 111.429	1,356	14.87	95,446	1.29	>10th to 25th Percentile
111.556 -- 273.468	2,268	24.87	413,603	5.61	>25th to 50th Percentile
274.893 -- 796.192	2,331	25.56	1,106,104	15.00	>50th to 75th Percentile
796.712 -- 1881.546	1,315	14.42	1,641,175	22.26	>75th to 90th Percentile
1886.984 -- 11443.10	912	10.00	3,948,228	53.54	>90th to 100th Percentile

FWRWT11 -
Replicated/Jackknife quarterly weight 11

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.124	942	10.33	169,839	2.30	Minimum to 10th Percentile
43.803 -- 109.491	1,346	14.76	94,303	1.28	>10th to 25th Percentile
109.581 -- 269.622	2,272	24.91	413,410	5.61	>25th to 50th Percentile
271.383 -- 802.430	2,237	24.53	1,030,635	13.98	>50th to 75th Percentile
802.781 -- 1893.318	1,411	15.47	1,711,186	23.21	>75th to 90th Percentile
1899.210 -- 11423.46	912	10.00	3,954,346	53.63	>90th to 100th Percentile

FWRWT12 -
Replicated/Jackknife quarterly weight 12

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.487	923	10.12	176,143	2.39	Minimum to 10th Percentile
42.149 -- 110.393	1,356	14.87	92,959	1.26	>10th to 25th Percentile
110.795 -- 268.749	2,287	25.08	414,946	5.63	>25th to 50th Percentile
269.817 -- 828.724	2,270	24.89	1,059,228	14.36	>50th to 75th Percentile
831.858 -- 1883.703	1,376	15.09	1,685,300	22.86	>75th to 90th Percentile
1889.043 -- 11587.29	908	9.96	3,945,142	53.50	>90th to 100th Percentile

FWRWT13 -
Replicated/Jackknife quarterly weight 13

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.303	916	10.04	118,872	1.61	Minimum to 10th Percentile
43.248 -- 109.343	1,359	14.90	95,498	1.30	>10th to 25th Percentile
109.922 -- 270.661	2,287	25.08	418,970	5.68	>25th to 50th Percentile
271.386 -- 802.744	2,254	24.71	1,052,074	14.27	>50th to 75th Percentile
803.517 -- 1861.089	1,400	15.35	1,726,489	23.41	>75th to 90th Percentile
1869.960 -- 11442.68	904	9.91	3,961,816	53.73	>90th to 100th Percentile

FWRWT14 -
Replicated/Jackknife quarterly weight 14

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.472	941	10.32	153,450	2.08	Minimum to 10th Percentile
43.133 -- 109.465	1,353	14.84	95,310	1.29	>10th to 25th Percentile
109.887 -- 267.812	2,267	24.86	413,496	5.61	>25th to 50th Percentile
269.615 -- 802.183	2,349	25.76	1,121,935	15.22	>50th to 75th Percentile
803.305 -- 1901.385	1,298	14.23	1,634,210	22.16	>75th to 90th Percentile
1905.788 -- 11440.38	912	10.00	3,955,318	53.64	>90th to 100th Percentile

FWRWT15 -
Replicated/Jackknife quarterly weight 15

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.781	933	10.23	141,137	1.91	Minimum to 10th Percentile
43.547 -- 111.426	1,373	15.05	97,622	1.32	>10th to 25th Percentile
111.687 -- 268.877	2,260	24.78	415,306	5.63	>25th to 50th Percentile
271.379 -- 808.464	2,244	24.61	1,044,557	14.17	>50th to 75th Percentile
810.709 -- 1874.802	1,418	15.55	1,749,176	23.72	>75th to 90th Percentile
1887.382 -- 11440.05	892	9.78	3,925,922	53.24	>90th to 100th Percentile

FWRWT16 -
Replicated/Jackknife quarterly weight 16

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.640	934	10.24	128,543	1.74	Minimum to 10th Percentile
43.649 -- 110.377	1,345	14.75	94,322	1.28	>10th to 25th Percentile
110.525 -- 269.631	2,285	25.05	417,146	5.66	>25th to 50th Percentile
270.622 -- 801.985	2,252	24.69	1,047,869	14.21	>50th to 75th Percentile
808.513 -- 1886.835	1,399	15.34	1,722,332	23.36	>75th to 90th Percentile
1887.392 -- 11387.76	905	9.92	3,963,507	53.75	>90th to 100th Percentile

FWRWT17 -
Replicated/Jackknife quarterly weight 17

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.565	954	10.46	163,398	2.22	Minimum to 10th Percentile
43.654 -- 107.433	1,327	14.55	92,381	1.25	>10th to 25th Percentile
107.503 -- 266.549	2,288	25.09	415,538	5.64	>25th to 50th Percentile
267.076 -- 804.846	2,246	24.63	1,039,141	14.09	>50th to 75th Percentile
805.901 -- 1840.921	1,393	15.27	1,704,466	23.12	>75th to 90th Percentile
1851.028 -- 11476.48	912	10.00	3,958,794	53.69	>90th to 100th Percentile

FWRWT18 -
Replicated/Jackknife quarterly weight 18

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.355	920	10.09	148,177	2.01	Minimum to 10th Percentile
42.534 -- 113.333	1,381	15.14	95,659	1.30	>10th to 25th Percentile
114.051 -- 269.522	2,276	24.96	415,445	5.63	>25th to 50th Percentile
270.749 -- 810.008	2,231	24.46	1,035,809	14.05	>50th to 75th Percentile
810.847 -- 1888.607	1,418	15.55	1,749,687	23.73	>75th to 90th Percentile
1895.331 -- 11413.94	894	9.80	3,928,941	53.28	>90th to 100th Percentile

FWRWT19 -
Replicated/Jackknife quarterly weight 19

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.304	939	10.30	145,599	1.97	Minimum to 10th Percentile
42.936 -- 109.374	1,363	14.95	95,630	1.30	>10th to 25th Percentile
109.527 -- 267.863	2,262	24.80	413,283	5.60	>25th to 50th Percentile
269.194 -- 820.359	2,262	24.80	1,053,941	14.29	>50th to 75th Percentile
820.603 -- 1887.182	1,382	15.15	1,699,600	23.05	>75th to 90th Percentile
1893.711 -- 11446.38	912	10.00	3,965,665	53.78	>90th to 100th Percentile

FWRWT20 -
Replicated/Jackknife quarterly weight 20

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.383	940	10.31	151,154	2.05	Minimum to 10th Percentile
42.822 -- 108.434	1,342	14.71	93,809	1.27	>10th to 25th Percentile
108.515 -- 267.564	2,280	25.00	414,106	5.62	>25th to 50th Percentile
268.517 -- 803.425	2,323	25.47	1,101,499	14.94	>50th to 75th Percentile
803.976 -- 1841.290	1,323	14.51	1,650,769	22.39	>75th to 90th Percentile
1842.942 -- 11488.37	912	10.00	3,962,381	53.74	>90th to 100th Percentile

FWRWT21 -
Replicated/Jackknife quarterly weight 21

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.842	933	10.23	146,778	1.99	Minimum to 10th Percentile
43.365 -- 109.453	1,331	14.59	92,574	1.26	>10th to 25th Percentile
109.512 -- 269.164	2,309	25.32	420,754	5.71	>25th to 50th Percentile
269.956 -- 793.466	2,219	24.33	1,026,229	13.92	>50th to 75th Percentile
793.754 -- 1874.413	1,421	15.58	1,732,977	23.50	>75th to 90th Percentile
1880.375 -- 11468.11	907	9.95	3,954,406	53.63	>90th to 100th Percentile

FWRWT22 -
Replicated/Jackknife quarterly weight 22

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.484	935	10.25	138,614	1.88	Minimum to 10th Percentile
43.051 -- 109.226	1,346	14.76	94,030	1.28	>10th to 25th Percentile
109.685 -- 274.530	2,297	25.19	419,610	5.69	>25th to 50th Percentile
275.134 -- 807.659	2,242	24.58	1,044,073	14.16	>50th to 75th Percentile
810.551 -- 1888.553	1,409	15.45	1,747,117	23.69	>75th to 90th Percentile
1893.677 -- 11481.04	891	9.77	3,930,274	53.30	>90th to 100th Percentile

FWRWT23 -
Replicated/Jackknife quarterly weight 23

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.790	912	10.00	154,296	2.09	Minimum to 10th Percentile
43.767 -- 108.421	1,364	14.96	93,406	1.27	>10th to 25th Percentile
108.639 -- 267.782	2,285	25.05	413,821	5.61	>25th to 50th Percentile
268.384 -- 796.467	2,225	24.40	1,022,668	13.87	>50th to 75th Percentile
796.585 -- 1841.733	1,422	15.59	1,727,576	23.43	>75th to 90th Percentile
1860.981 -- 11502.98	912	10.00	3,961,952	53.73	>90th to 100th Percentile

FWRWT24 -
Replicated/Jackknife quarterly weight 24

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.476	931	10.21	130,976	1.78	Minimum to 10th Percentile
43.062 -- 110.957	1,344	14.74	94,121	1.28	>10th to 25th Percentile
111.674 -- 266.718	2,286	25.07	416,625	5.65	>25th to 50th Percentile
267.318 -- 810.338	2,352	25.79	1,122,714	15.23	>50th to 75th Percentile
811.753 -- 1876.167	1,297	14.22	1,635,684	22.18	>75th to 90th Percentile
1884.689 -- 11408.16	910	9.98	3,973,599	53.89	>90th to 100th Percentile

FWRWT25 -
Replicated/Jackknife quarterly weight 25

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.980	953	10.45	141,341	1.92	Minimum to 10th Percentile
44.188 -- 108.468	1,318	14.45	92,168	1.25	>10th to 25th Percentile
108.602 -- 270.710	2,289	25.10	417,145	5.66	>25th to 50th Percentile
272.136 -- 788.707	2,233	24.48	1,031,696	13.99	>50th to 75th Percentile
791.942 -- 1852.864	1,415	15.52	1,726,934	23.42	>75th to 90th Percentile
1854.942 -- 11466.43	912	10.00	3,964,435	53.76	>90th to 100th Percentile

FWRWT26 -
Replicated/Jackknife quarterly weight 26

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.663	924	10.13	115,760	1.57	Minimum to 10th Percentile
43.209 -- 109.453	1,351	14.81	94,621	1.28	>10th to 25th Percentile
109.794 -- 271.775	2,290	25.11	418,676	5.68	>25th to 50th Percentile
272.906 -- 799.202	2,319	25.43	1,104,507	14.98	>50th to 75th Percentile
800.010 -- 1865.183	1,328	14.56	1,665,862	22.59	>75th to 90th Percentile
1874.738 -- 11413.83	908	9.96	3,974,292	53.90	>90th to 100th Percentile

FWRWT27 -
Replicated/Jackknife quarterly weight 27

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.299	937	10.27	147,205	2.00	Minimum to 10th Percentile
43.211 -- 109.270	1,337	14.66	93,472	1.27	>10th to 25th Percentile
109.575 -- 266.323	2,288	25.09	416,763	5.65	>25th to 50th Percentile
267.695 -- 821.087	2,358	25.86	1,131,353	15.34	>50th to 75th Percentile
822.040 -- 1865.406	1,288	14.12	1,625,592	22.05	>75th to 90th Percentile
1870.393 -- 11431.22	912	10.00	3,959,334	53.70	>90th to 100th Percentile

FWRWT28 -
Replicated/Jackknife quarterly weight 28

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.941	923	10.12	145,161	1.97	Minimum to 10th Percentile
43.989 -- 109.417	1,366	14.98	96,552	1.31	>10th to 25th Percentile
109.537 -- 269.564	2,274	24.93	417,150	5.66	>25th to 50th Percentile
270.907 -- 815.814	2,250	24.67	1,049,619	14.23	>50th to 75th Percentile
818.925 -- 1842.415	1,397	15.32	1,712,649	23.23	>75th to 90th Percentile
1847.393 -- 11470.41	910	9.98	3,952,587	53.60	>90th to 100th Percentile

FWRWT29 -
Replicated/Jackknife quarterly weight 29

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 45.445	957	10.49	160,818	2.18	Minimum to 10th Percentile
46.281 -- 108.436	1,333	14.62	93,982	1.27	>10th to 25th Percentile
108.557 -- 269.389	2,274	24.93	413,723	5.61	>25th to 50th Percentile
270.303 -- 799.530	2,235	24.51	1,031,906	13.99	>50th to 75th Percentile
805.650 -- 1856.243	1,411	15.47	1,724,806	23.39	>75th to 90th Percentile
1892.448 -- 11470.29	910	9.98	3,948,483	53.55	>90th to 100th Percentile

FWRWT30 -
Replicated/Jackknife quarterly weight 30

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.352	948	10.39	174,802	2.37	Minimum to 10th Percentile
42.865 -- 108.478	1,307	14.33	90,375	1.23	>10th to 25th Percentile
108.556 -- 266.464	2,306	25.29	416,595	5.65	>25th to 50th Percentile
267.082 -- 798.064	2,282	25.02	1,065,384	14.45	>50th to 75th Percentile
799.497 -- 1835.989	1,370	15.02	1,684,436	22.84	>75th to 90th Percentile
1839.183 -- 11500.94	907	9.95	3,942,126	53.46	>90th to 100th Percentile

FWRWT31 -
Replicated/Jackknife quarterly weight 31

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.311	938	10.29	136,158	1.85	Minimum to 10th Percentile
43.437 -- 108.469	1,339	14.68	93,825	1.27	>10th to 25th Percentile
108.564 -- 267.336	2,285	25.05	417,248	5.66	>25th to 50th Percentile
270.325 -- 794.137	2,311	25.34	1,095,208	14.85	>50th to 75th Percentile
796.522 -- 1840.133	1,335	14.64	1,662,389	22.54	>75th to 90th Percentile
1841.312 -- 11417.72	912	10.00	3,968,891	53.82	>90th to 100th Percentile

FWRWT32 -
Replicated/Jackknife quarterly weight 32

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.420	951	10.43	161,143	2.19	Minimum to 10th Percentile
43.688 -- 108.438	1,321	14.48	91,828	1.25	>10th to 25th Percentile
108.559 -- 268.190	2,297	25.19	417,799	5.67	>25th to 50th Percentile
269.387 -- 805.229	2,342	25.68	1,117,879	15.16	>50th to 75th Percentile
808.645 -- 1848.800	1,297	14.22	1,626,730	22.06	>75th to 90th Percentile
1855.191 -- 11526.01	912	10.00	3,958,340	53.68	>90th to 100th Percentile

FWRWT33 -
Replicated/Jackknife quarterly weight 33

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.845	937	10.27	140,132	1.90	Minimum to 10th Percentile
44.052 -- 109.480	1,343	14.73	94,658	1.28	>10th to 25th Percentile
109.684 -- 271.605	2,281	25.01	416,968	5.65	>25th to 50th Percentile
273.261 -- 804.248	2,354	25.81	1,127,208	15.29	>50th to 75th Percentile
805.988 -- 1882.281	1,293	14.18	1,628,835	22.09	>75th to 90th Percentile
1887.441 -- 11495.77	912	10.00	3,965,917	53.78	>90th to 100th Percentile

FWRWT34 -
Replicated/Jackknife quarterly weight 34

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.828	929	10.19	164,130	2.23	Minimum to 10th Percentile
43.211 -- 109.438	1,355	14.86	95,376	1.29	>10th to 25th Percentile
109.576 -- 276.358	2,281	25.01	418,046	5.67	>25th to 50th Percentile
277.134 -- 818.154	2,269	24.88	1,061,585	14.40	>50th to 75th Percentile
818.522 -- 1825.409	1,375	15.08	1,687,210	22.88	>75th to 90th Percentile
1836.952 -- 11550.52	911	9.99	3,947,373	53.53	>90th to 100th Percentile

FWRWT35 -
Replicated/Jackknife quarterly weight 35

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.673	922	10.11	148,118	2.01	Minimum to 10th Percentile
43.367 -- 109.458	1,350	14.80	94,519	1.28	>10th to 25th Percentile
109.549 -- 265.317	2,290	25.11	417,628	5.66	>25th to 50th Percentile
268.627 -- 806.364	2,337	25.63	1,115,388	15.13	>50th to 75th Percentile
807.129 -- 1858.611	1,309	14.35	1,640,163	22.24	>75th to 90th Percentile
1864.996 -- 11321.24	912	10.00	3,957,902	53.68	>90th to 100th Percentile

FWRWT36 -
Replicated/Jackknife quarterly weight 36

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 44.824	913	10.01	124,809	1.69	Minimum to 10th Percentile
46.453 -- 108.452	1,381	15.14	96,959	1.31	>10th to 25th Percentile
108.617 -- 272.065	2,271	24.90	415,715	5.64	>25th to 50th Percentile
272.992 -- 794.246	2,314	25.37	1,095,807	14.86	>50th to 75th Percentile
795.970 -- 1850.180	1,334	14.63	1,665,081	22.58	>75th to 90th Percentile
1852.026 -- 11436.28	907	9.95	3,975,347	53.91	>90th to 100th Percentile

FWRWT37 -
Replicated/Jackknife quarterly weight 37

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.467	929	10.19	150,516	2.04	Minimum to 10th Percentile
43.061 -- 109.378	1,355	14.86	95,412	1.29	>10th to 25th Percentile
109.548 -- 270.139	2,281	25.01	417,703	5.66	>25th to 50th Percentile
271.943 -- 798.209	2,316	25.39	1,098,222	14.89	>50th to 75th Percentile
799.456 -- 1853.664	1,328	14.56	1,657,456	22.48	>75th to 90th Percentile
1855.720 -- 11461.80	911	9.99	3,954,410	53.63	>90th to 100th Percentile

FWRWT38 -
Replicated/Jackknife quarterly weight 38

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.946	933	10.23	159,741	2.17	Minimum to 10th Percentile
43.334 -- 109.142	1,339	14.68	93,772	1.27	>10th to 25th Percentile
109.610 -- 269.025	2,298	25.20	419,468	5.69	>25th to 50th Percentile
271.001 -- 807.195	2,315	25.38	1,102,172	14.95	>50th to 75th Percentile
810.452 -- 1842.496	1,327	14.55	1,653,832	22.43	>75th to 90th Percentile
1849.438 -- 11370.25	908	9.96	3,944,734	53.50	>90th to 100th Percentile

FWRWT39 -
Replicated/Jackknife quarterly weight 39

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.982	933	10.23	157,675	2.14	Minimum to 10th Percentile
44.257 -- 110.490	1,337	14.66	93,420	1.27	>10th to 25th Percentile
110.693 -- 271.586	2,298	25.20	419,329	5.69	>25th to 50th Percentile
273.277 -- 802.267	2,317	25.41	1,102,535	14.95	>50th to 75th Percentile
803.863 -- 1839.437	1,324	14.52	1,650,276	22.38	>75th to 90th Percentile
1841.616 -- 11365.06	911	9.99	3,950,485	53.58	>90th to 100th Percentile

FWRWT40 -
Replicated/Jackknife quarterly weight 40

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 44.069	953	10.45	177,869	2.41	Minimum to 10th Percentile
44.422 -- 108.417	1,319	14.46	92,079	1.25	>10th to 25th Percentile
108.644 -- 266.382	2,292	25.13	416,216	5.64	>25th to 50th Percentile
270.972 -- 799.481	2,333	25.58	1,105,618	14.99	>50th to 75th Percentile
803.226 -- 1874.252	1,317	14.44	1,643,294	22.29	>75th to 90th Percentile
1876.796 -- 11503.27	906	9.93	3,938,642	53.41	>90th to 100th Percentile

FWRWT41 -
Replicated/Jackknife quarterly weight 41

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.281	933	10.23	164,430	2.23	Minimum to 10th Percentile
43.454 -- 109.420	1,338	14.67	93,684	1.27	>10th to 25th Percentile
109.708 -- 267.569	2,291	25.12	417,960	5.67	>25th to 50th Percentile
268.417 -- 801.285	2,336	25.61	1,115,489	15.13	>50th to 75th Percentile
806.011 -- 1847.760	1,310	14.36	1,639,803	22.24	>75th to 90th Percentile
1877.748 -- 11469.17	912	10.00	3,942,353	53.46	>90th to 100th Percentile

FWRWT42 -
Replicated/Jackknife quarterly weight 42

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.681	952	10.44	160,213	2.17	Minimum to 10th Percentile
44.215 -- 109.481	1,346	14.76	94,440	1.28	>10th to 25th Percentile
109.543 -- 266.480	2,264	24.82	412,792	5.60	>25th to 50th Percentile
266.643 -- 804.710	2,236	24.52	1,034,335	14.03	>50th to 75th Percentile
807.669 -- 1848.832	1,411	15.47	1,723,613	23.38	>75th to 90th Percentile
1861.416 -- 11489.86	911	9.99	3,948,326	53.55	>90th to 100th Percentile

FWRWT43 -
Replicated/Jackknife quarterly weight 43

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 44.080	953	10.45	135,702	1.84	Minimum to 10th Percentile
44.474 -- 109.122	1,310	14.36	91,113	1.24	>10th to 25th Percentile
109.779 -- 265.421	2,298	25.20	416,863	5.65	>25th to 50th Percentile
266.624 -- 798.098	2,224	24.39	1,023,980	13.89	>50th to 75th Percentile
798.649 -- 1886.884	1,425	15.63	1,734,826	23.53	>75th to 90th Percentile
1890.097 -- 11441.36	910	9.98	3,971,235	53.86	>90th to 100th Percentile

FWRWT44 -
Replicated/Jackknife quarterly weight 44

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.497	913	10.01	134,851	1.83	Minimum to 10th Percentile
43.188 -- 111.133	1,367	14.99	96,437	1.31	>10th to 25th Percentile
111.589 -- 271.119	2,285	25.05	419,392	5.69	>25th to 50th Percentile
271.675 -- 790.176	2,204	24.17	1,015,348	13.77	>50th to 75th Percentile
795.860 -- 1890.878	1,447	15.87	1,760,870	23.88	>75th to 90th Percentile
1891.962 -- 11470.15	904	9.91	3,946,821	53.53	>90th to 100th Percentile

FWRWT45 -
Replicated/Jackknife quarterly weight 45

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.772	948	10.39	170,387	2.31	Minimum to 10th Percentile
43.144 -- 108.468	1,327	14.55	92,327	1.25	>10th to 25th Percentile
108.694 -- 266.416	2,292	25.13	415,727	5.64	>25th to 50th Percentile
267.079 -- 810.301	2,341	25.67	1,113,528	15.10	>50th to 75th Percentile
817.804 -- 1906.166	1,318	14.45	1,660,758	22.52	>75th to 90th Percentile
1909.137 -- 11446.32	894	9.80	3,920,991	53.18	>90th to 100th Percentile

FWRWT46 -
Replicated/Jackknife quarterly weight 46

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.615	952	10.44	127,415	1.73	Minimum to 10th Percentile
43.278 -- 110.442	1,325	14.53	92,365	1.25	>10th to 25th Percentile
110.731 -- 271.516	2,284	25.04	415,928	5.64	>25th to 50th Percentile
272.041 -- 802.465	2,308	25.31	1,093,346	14.83	>50th to 75th Percentile
803.029 -- 1862.253	1,339	14.68	1,666,706	22.60	>75th to 90th Percentile
1867.429 -- 11478.81	912	10.00	3,977,958	53.95	>90th to 100th Percentile

FWRWT47 -
Replicated/Jackknife quarterly weight 47

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.691	919	10.08	168,547	2.29	Minimum to 10th Percentile
41.996 -- 108.494	1,363	14.95	93,376	1.27	>10th to 25th Percentile
108.835 -- 266.372	2,291	25.12	415,127	5.63	>25th to 50th Percentile
268.629 -- 806.402	2,337	25.63	1,114,268	15.11	>50th to 75th Percentile
807.756 -- 1837.399	1,298	14.23	1,624,937	22.04	>75th to 90th Percentile
1849.139 -- 11371.71	912	10.00	3,957,464	53.67	>90th to 100th Percentile

FWRWT48 -
Replicated/Jackknife quarterly weight 48

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.013	944	10.35	174,749	2.37	Minimum to 10th Percentile
42.922 -- 111.264	1,340	14.69	93,757	1.27	>10th to 25th Percentile
111.529 -- 267.188	2,276	24.96	414,499	5.62	>25th to 50th Percentile
269.889 -- 819.103	2,354	25.81	1,123,782	15.24	>50th to 75th Percentile
820.024 -- 1885.831	1,295	14.20	1,622,991	22.01	>75th to 90th Percentile
1887.713 -- 11449.96	911	9.99	3,943,941	53.49	>90th to 100th Percentile

FWRWT49 -
Replicated/Jackknife quarterly weight 49

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.417	917	10.05	132,303	1.79	Minimum to 10th Percentile
43.224 -- 111.421	1,379	15.12	98,077	1.33	>10th to 25th Percentile
111.922 -- 268.580	2,268	24.87	417,209	5.66	>25th to 50th Percentile
269.211 -- 804.005	2,335	25.60	1,118,166	15.16	>50th to 75th Percentile
805.684 -- 1865.498	1,310	14.36	1,649,605	22.37	>75th to 90th Percentile
1882.318 -- 11432.53	911	9.99	3,958,358	53.68	>90th to 100th Percentile

FWRWT50 -
Replicated/Jackknife quarterly weight 50

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 44.044	934	10.24	143,127	1.94	Minimum to 10th Percentile
44.150 -- 110.469	1,368	15.00	97,153	1.32	>10th to 25th Percentile
110.844 -- 267.649	2,266	24.85	414,642	5.62	>25th to 50th Percentile
268.572 -- 794.370	2,196	24.08	1,004,645	13.62	>50th to 75th Percentile
794.546 -- 1868.422	1,460	16.01	1,776,302	24.09	>75th to 90th Percentile
1876.827 -- 11392.52	896	9.82	3,937,849	53.40	>90th to 100th Percentile

FWRWT51 -
Replicated/Jackknife quarterly weight 51

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.157	915	10.03	104,865	1.42	Minimum to 10th Percentile
43.789 -- 109.455	1,357	14.88	94,951	1.29	>10th to 25th Percentile
109.606 -- 273.014	2,289	25.10	417,956	5.67	>25th to 50th Percentile
274.017 -- 799.498	2,236	24.52	1,040,751	14.11	>50th to 75th Percentile
800.578 -- 1893.438	1,429	15.67	1,763,974	23.92	>75th to 90th Percentile
1894.404 -- 11393.29	894	9.80	3,951,222	53.59	>90th to 100th Percentile

FWRWT52 -
Replicated/Jackknife quarterly weight 52

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.581	933	10.23	149,241	2.02	Minimum to 10th Percentile
43.317 -- 111.498	1,350	14.80	94,362	1.28	>10th to 25th Percentile
111.698 -- 267.255	2,280	25.00	415,604	5.64	>25th to 50th Percentile
268.435 -- 798.647	2,235	24.51	1,033,237	14.01	>50th to 75th Percentile
800.760 -- 1884.679	1,410	15.46	1,716,747	23.28	>75th to 90th Percentile
1893.323 -- 11439.14	912	10.00	3,964,528	53.77	>90th to 100th Percentile

FWRWT53 -
Replicated/Jackknife quarterly weight 53

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.246	935	10.25	119,240	1.62	Minimum to 10th Percentile
43.313 -- 108.443	1,338	14.67	93,446	1.27	>10th to 25th Percentile
108.666 -- 269.139	2,290	25.11	417,211	5.66	>25th to 50th Percentile
270.108 -- 802.492	2,337	25.63	1,115,010	15.12	>50th to 75th Percentile
803.314 -- 1865.964	1,309	14.35	1,647,399	22.34	>75th to 90th Percentile
1886.634 -- 11392.12	911	9.99	3,981,412	53.99	>90th to 100th Percentile

FWRWT54 -
Replicated/Jackknife quarterly weight 54

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.610	937	10.27	162,934	2.21	Minimum to 10th Percentile
42.743 -- 108.386	1,339	14.68	93,339	1.27	>10th to 25th Percentile
108.503 -- 268.611	2,286	25.07	415,416	5.63	>25th to 50th Percentile
269.565 -- 795.333	2,314	25.37	1,094,144	14.84	>50th to 75th Percentile
796.913 -- 1869.114	1,334	14.63	1,659,800	22.51	>75th to 90th Percentile
1873.854 -- 11475.62	910	9.98	3,948,086	53.54	>90th to 100th Percentile

FWRWT55 -
Replicated/Jackknife quarterly weight 55

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.235	942	10.33	136,668	1.85	Minimum to 10th Percentile
43.353 -- 110.218	1,347	14.77	94,789	1.29	>10th to 25th Percentile
110.510 -- 273.080	2,275	24.95	415,983	5.64	>25th to 50th Percentile
274.493 -- 804.180	2,336	25.61	1,115,729	15.13	>50th to 75th Percentile
804.859 -- 1862.506	1,308	14.34	1,638,055	22.21	>75th to 90th Percentile
1866.863 -- 11415.14	912	10.00	3,972,494	53.87	>90th to 100th Percentile

FWRWT56 -
Replicated/Jackknife quarterly weight 56

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.122	925	10.14	123,607	1.68	Minimum to 10th Percentile
43.026 -- 110.396	1,351	14.81	94,767	1.29	>10th to 25th Percentile
110.531 -- 267.223	2,288	25.09	418,367	5.67	>25th to 50th Percentile
267.852 -- 793.208	2,299	25.21	1,088,376	14.76	>50th to 75th Percentile
793.703 -- 1888.664	1,366	14.98	1,714,156	23.25	>75th to 90th Percentile
1892.739 -- 11464.75	891	9.77	3,934,445	53.36	>90th to 100th Percentile

FWRWT57 -
Replicated/Jackknife quarterly weight 57

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.951	937	10.27	128,265	1.74	Minimum to 10th Percentile
44.673 -- 110.171	1,345	14.75	94,583	1.28	>10th to 25th Percentile
110.780 -- 270.939	2,279	24.99	416,580	5.65	>25th to 50th Percentile
273.304 -- 805.140	2,246	24.63	1,046,822	14.20	>50th to 75th Percentile
805.757 -- 1850.192	1,403	15.38	1,723,052	23.37	>75th to 90th Percentile
1866.241 -- 11445.75	910	9.98	3,964,417	53.76	>90th to 100th Percentile

FWRWT58 -
Replicated/Jackknife quarterly weight 58

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 44.488	952	10.44	136,925	1.86	Minimum to 10th Percentile
44.550 -- 109.174	1,328	14.56	93,487	1.27	>10th to 25th Percentile
109.583 -- 267.245	2,280	25.00	416,225	5.64	>25th to 50th Percentile
268.780 -- 795.443	2,293	25.14	1,079,664	14.64	>50th to 75th Percentile
796.032 -- 1867.571	1,366	14.98	1,698,415	23.03	>75th to 90th Percentile
1871.894 -- 11393.40	901	9.88	3,949,003	53.56	>90th to 100th Percentile

FWRWT59 -
Replicated/Jackknife quarterly weight 59

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.450	945	10.36	128,021	1.74	Minimum to 10th Percentile
43.725 -- 110.439	1,343	14.73	94,301	1.28	>10th to 25th Percentile
110.610 -- 274.194	2,281	25.01	417,396	5.66	>25th to 50th Percentile
274.750 -- 799.200	2,332	25.57	1,116,506	15.14	>50th to 75th Percentile
799.783 -- 1866.117	1,307	14.33	1,642,303	22.27	>75th to 90th Percentile
1884.803 -- 11445.90	912	10.00	3,975,191	53.91	>90th to 100th Percentile

FWRWT60 -
Replicated/Jackknife quarterly weight 60

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.761	927	10.16	128,057	1.74	Minimum to 10th Percentile
43.197 -- 111.272	1,348	14.78	94,849	1.29	>10th to 25th Percentile
111.500 -- 267.144	2,292	25.13	419,731	5.69	>25th to 50th Percentile
267.508 -- 794.209	2,289	25.10	1,083,604	14.70	>50th to 75th Percentile
794.948 -- 1880.436	1,353	14.84	1,681,610	22.81	>75th to 90th Percentile
1882.468 -- 11388.97	911	9.99	3,965,868	53.78	>90th to 100th Percentile

FWRWT -
Final quarterly weight

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
15.916 -- 49.979	946	10.37	30,374	0.41	Minimum to 10th Percentile
50.717 -- 116.498	1,342	14.71	102,395	1.39	>10th to 25th Percentile
116.704 -- 280.213	2,280	25.00	431,947	5.86	>25th to 50th Percentile
280.670 -- 790.191	2,288	25.09	1,105,325	14.99	>50th to 75th Percentile
792.333 -- 1874.219	1,355	14.86	1,706,922	23.15	>75th to 90th Percentile
1876.538 -- 8903.848	909	9.97	3,996,756	54.20	>90th to 100th Percentile

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REFERENCES

Brick, J.M. and G. Kalton. "Handling Missing Data in Survey Research." *Statistical Methods in Medical Research* 1996; 5: 215-238.

Brick, J.M., P. Broene, P. James, and J. Severynse. *A User's Guide to WesVarPC.* Version 2.0. Rockville, MD: Westat, Inc., 1996.

Mathematica Policy Research, Inc. "Health Care Survey of DoD Beneficiaries: 2017 Adult Sampling Report." Report submitted to the TRICARE Management Activity. Washington, DC: MPR, 2016.

Research Triangle Institute (2001). SUDAAN User's Manual, Release 8.0 Research Triangle Park, NC: Research Triangle Institute.

SAS Institute Inc. (1999), SAS/STAT User's Guide, Version 8, Cary, NC: SAS Institute Inc.

SAS Institute Inc. (2004), SAS/STAT User's Guide, Version 9, Cary, NC: SAS Institute Inc.

U.S. Department of Health and Human Services. CAHPS® Survey and Reporting Kit. Rockville, MD 2002.

Wolter, Kirk M. Introduction of Variance Estimation. New York: Springer-Verlag. 1985.

Woodruff, R.S. "A Simple Method for Approximating the Variance of a Complicated Estimate." Journal of the American Statistical Association, 1971.

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APPENDIX A

ANNOTATED QUESTIONNAIRE – QUARTER I

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Health Care Survey of DoD Beneficiaries

A world-wide survey of beneficiaries eligible for health care coverage through the military health system

October 2016

SURVEY INSTRUCTIONS

Thank you for taking the time to participate in this online survey.

Please note, if the survey is idle for more than 5 minutes, you will be logged out automatically to protect your privacy. If that happens, simply wait 15 minutes and log back in. Please keep your password because you may need it later.

During the survey, please do not use your browser's FORWARD and BACK buttons. Instead, please always use the buttons below to move backward and forward through the survey.

To begin, just click on the "Next" button below. This will take you right into the survey.

SURVEY STARTS HERE

As an eligible TRICARE beneficiary, <u>please complete this survey even if you did not receive your health care from a military facility</u>.

Please recognize that some specific questions about TRICARE benefits may not apply to you, depending on your entitlement and particular TRICARE program.

This survey is about the health care of the person whose name appears on the cover letter. The questionnaire should be completed by that person. If you are not the addressee, please give this survey to that person.

Question 1: Are you the person whose name appears on the cover letter?
Variable name: H17001
Editing notes: None

Response	Directions	Value	Percent
Yes	Go to Question 2	1	99.8%
No	Please give this questionnaire to the person addressed on the cover letter.	2	0.2%

Question 2: By which of the following health plans are you currently covered?
MARK ALL THAT APPLY
Variable names: H17002A, H17002C, H17002F-H17002V
Editing notes: None

Military Health Plans

Response	Variable Name	Percent Marked
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)	H17002A	44.6%
TRICARE Extra or Standard (CHAMPUS)	H17002C	12.9%
TRICARE Plus	H17002N	0.8%
TRICARE for Life	H17002O	32.8%
TRICARE Supplemental Insurance	H17002P	0.5%
TRICARE Reserve Select	H17002Q	3.1%
TRICARE Retired Reserve	H17002S	1.7%
TRICARE Young Adult Prime	H17002T	0.3%
TRICARE Young Adult Extra or Standard	H17002V	0.7%
Uniformed Services Family Health Plan (USFHP)	H17002K	1.2%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)	H17002U	0.0%

Other Health Plans

Response	Variable Name	Percent Marked
Medicare	H17002F	32.1%
Federal Employees Health Benefit Program (FEHBP)	H17002G	2.5%
Medicaid	H17002H	0.6%
A civilian HMO (such as Kaiser)	H17002I	1.6%
Other civilian health insurance (such as Blue Cross)	H17002J	7.0%
The Veterans Administration (VA)	H17002M	7.8%
Government health insurance from a country other than the U.S.	H17002R	0.1%
Not sure	H17002L	5.6%

Question 3: Which health plan did you use for all or most of your healthcare in the last 12 months?
MARK ONLY ONE
Variable name: H17003
Editing notes: See Note 1

Response	Directions	Value	Percent
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)		1	41.8%
TRICARE Extra or Standard (CHAMPUS)		3	9.0%
TRICARE Plus		11	27.6%
TRICARE Reserve Select		12	1.5%
TRICARE Retired Reserve		14	0.4%
TRICARE Young Adult Prime		15	1.1%
TRICARE Young Adult Extra or Standard		17	5.5%
Uniformed Services Family Health Plan (USFHP)		9	1.1%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)		16	3.5%
Medicare (may include TRICARE for Life)		4	0.8%
Federal Employees Health Benefit Program (FEHBP)		5	3.0%
Medicaid		6	0.1%
A civilian HMO (such as Kaiser)		7	1.2%
Other civilian health insurance (such as Blue Cross)		8	0.3%
The Veterans Administration (VA)		10	0.1%
Government health insurance from a country other than the U.S.		13	0.5%
Not sure	Go to Question 5	-5	2.4%
Did not use any health plan in the last 12 months	Go to Question 5	-6	

For the remainder of this questionnaire, the term _health plan_ refers to the plan you indicated in Question 3.

Question 4: How many months or years in a row have you been in this health plan?
Variable name: H17004
Editing notes: See Note 1

Response	Value	Percent
Less than 6 months	1	1.2%
At least 6 months but less than 12 months	2	4.2%
At least 12 months but less than 24 months	3	8.5%
At least 2 years but less than 5 years	4	19.6%
At least 5 years but less than 10 years	5	21.9%
10 or more years	6	44.7%

YOUR HEALTH CARE IN THE LAST 12 MONTHS

These questions ask about your own health care. Do <u>not</u> include care you got when you stayed overnight in a hospital. Do <u>not</u> include the times you went for dental care visits.

Question 5: In the last 12 months, where did you go most often for your health care?
MARK ONLY ONE
Variable name: H17005
Editing notes: None

Response	Value	Percent
A military facility – This includes:	1	34.6%
Military clinic		
Military hospital		
PRIMUS clinic		
NAVCARE clinic		
A civilian facility – This includes:	2	57.3%
Doctor's office		
Clinic		
Hospital		
Civilian TRICARE contractor		
Uniformed Services Family Health Plan facility (USFHP)	3	0.6%
Veterans Affairs (VA) clinic or hospital	4	4.8%
I went to none of the listed types of facilities in the last 12 months	5	2.7%

Question 6: In the last 12 months, did you have an illness, injury, or condition that <u>needed care right away</u> in a clinic, emergency room, or doctor's office?
Variable name: H17006
Editing notes: See Note 2

Response	Directions	Value	Percent
Yes		1	44.0%
No	Go to Question 9	2	56.0%

Question 7: In the last 12 months, when you <u>needed care right away</u>, how often did you get care as soon as you needed?
Variable name: H17007
Editing notes: See Note 2

Response	Value	Percent
Never	1	1.5%
Sometimes	2	8.4%
Usually	3	20.7%
Always	4	69.4%
I didn't need care right away for an illness, injury or condition in the last 12 months	-6	

Question 8: In the last 12 months, when you <u>needed care right away</u> for an illness, injury, or condition, how long did you usually have to wait between trying to get care and actually seeing a provider?
Variable name: H17008
Editing notes: See Note 2

Response	Value	Percent
Same day	1	65.7%
1 day	2	13.6%
2 days	3	5.6%
3 days	4	3.4%
4-7 days	5	5.8%
8-14 days	6	3.1%
15 days or longer	7	2.8%
I didn't need care right away for an illness, injury or condition in the last 12 months	-6	

Question 9: In the last 12 months, not counting the times you needed health care right away, did you make any <u>appointments</u> for your health care at a doctor's office or clinic?
Variable name: H17009
Editing notes: See Note 3

Response	Directions	Value	Percent
Yes		1	88.5%
No	Go to Question 12	2	11.5%

Question 10: In the last 12 months, how often did you get an appointment for a check-up or routine care at a doctor's office or clinic as soon as you needed?
Variable name: H17010
Editing notes: See Note 3

Response	Value	Percent
Never	1	2.9%
Sometimes	2	14.7%
Usually	3	26.6%
Always	4	55.7%
I had no appointments in the last 12 months	-6	

Question 11: In the last 12 months, not counting the times you needed health care right away, how many <u>days</u> did you usually have to wait between making an <u>appointment</u> and actually <u>seeing a provider</u>?
Variable name: H17011
Editing notes: See Note 3

Response	Value	Percent
Same day	1	8.4%
1 day	2	10.0%
2-3 days	3	21.7%
4-7 days	4	23.9%
8-14 days	5	18.9%
15-30 days	6	11.4%
31 days or longer	7	5.8%
I had no appointments in the last 12 months	-6	

Question 12: In the last 12 months, how many times did you go to an <u>emergency room</u> to get care for yourself?
Variable name: H17012
Editing notes: None

Response	Value	Percent
None	1	72.3%
1	2	18.3%
2	3	6.1%
3	4	2.4%
4	5	0.5%
5 to 9	6	0.4%
10 or more	7	0.0%

Question 13: In the last 12 months (not counting times you went to an emergency room), how many times did you go to a <u>doctor's office or clinic</u> to get health care for yourself?
Variable name: H17013
Editing notes: See Note 4

Response	Directions	Value	Percent
None	Go to Question 19	1	10.1%
1		2	9.8%
2		3	17.8%
3		4	15.7%
4		5	15.1%
5 to 9		6	21.3%
10 or more		7	10.1%

Question 14: In the last 12 months, how often did you and a doctor or other health provider talk about specific things you could do to prevent illness?
Variable name: H17014
Editing notes: See Note 4

Response	Value	Percent
Never	1	12.2%
Sometimes	2	25.3%
Usually	3	30.3%
Always	4	32.2%

Question 15: Choices for your treatment or health care can include choices about medicine, surgery, or other treatment. In the last 12 months, did a doctor or other health provider tell you there was more than one choice for your treatment or health care?
Variable name: H17015
Editing notes: See Notes 4 and 5

Response	Directions	Value	Percent
Yes		1	60.5%
No	Go to Question 18	2	39.5%

Question 16: In the last 12 months, did a doctor or other health provider talk with you about the pros and cons of each choice for your treatment or health care?
Variable name: H17016
Editing notes: See Notes 4 and 5

Response	Value	Percent
Definitely yes	1	70.9%
Somewhat yes	2	25.0%
Somewhat no	3	2.8%
Definitely no	4	1.2%

Question 17: In the last 12 months, when there was more than one choice for your treatment or health care, did a doctor or other health provider ask which choice you thought was best for you?
Variable name: H17017
Editing notes: See Notes 4 and 5

Response	Value	Percent
Definitely yes	1	61.1%
Somewhat yes	2	30.5%
Somewhat no	3	5.1%
Definitely no	4	3.3%

Question 18: Using <u>any number from 0 to 10</u>, where 0 is the worst health care possible and 10 is the best health care possible, what number would you use to rate all your health care in the last 12 months?
Variable name: H17018
Editing notes: See Note 4

Response	Value	Percent
0 – Worst health care possible	0	0.3%
1	1	0.6%
2	2	0.7%
3	3	1.4%
4	4	1.9%
5	5	4.9%
6	6	3.4%
7	7	10.9%
8	8	20.8%
9	9	21.7%
10 – Best health care possible	10	33.3%
I had no visits in the last 12 months	-6	

YOUR URGENT HEALTH CARE IN THE LAST 6 MONTHS

Question 19: In the last 6 months, did you have an illness, injury, or condition that needed care right away in an urgent care center, emergency room, or doctor's office?
Variable name: S17BI01
Editing notes: See Note 5_BI1

Response	Directions	Value	Percent
Yes		1	31.7%
No	Go to Question 28	2	68.3%

Question 20: In the last 6 months, when you needed care right away, did you seek care in an urgent care center, a hospital emergency room (ER), a doctor's office, or someplace else?

Urgent care centers, (also called walk-in care, immediate care, and convenient care) are free-standing, walk-in healthcare facilities. They generally do not require appointments and have extended evening and weekend hours of service.

MARK ALL THAT APPLY
Variable names: S17BI02A-S17BI02E
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Directions	Variable Name	Percent Marked
Urgent care center		S17BI02A	37.3%
Hospital emergency room (ER)	Go to Question 28	S17BI02B	47.9%
Doctor's office	Go to Question 28	S17BI02C	30.4%
Someplace else	Go to Question 28	S17BI02D	3.8%
I didn't need care right away for an illness, injury, or condition in the last 6 months	Go to Question 28	S17BI02E	0.7%

Question 21: Thinking about your most recent visit to an urgent care center, what was the main reason why you went to urgent care?
Variable name: S17BI19
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
An accident or injury	1	22.1%
A new health problem	2	43.9%
An ongoing health condition or concern	3	17.3%
Routine care, such as a flu shot or health screening	4	2.5%
Some other reason	5	14.1%

Question 22: Thinking about your <u>most recent visit</u> to an urgent care center, tell us if you strongly agree, agree, disagree, or strongly disagree with each statement.

The location is more convenient than my normal place of care.

Variable name: S17BI03
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	34.3%
Agree	2	32.3%
Disagree	3	26.6%
Strongly disagree	4	6.9%

Urgent care was low cost or no cost to me.

Variable name: S17BI04
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	45.5%
Agree	2	37.4%
Disagree	3	12.3%
Strongly disagree	4	4.8%

Urgent care was faster than making an appointment with my primary care provider.

Variable name: S17BI05
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	51.2%
Agree	2	35.6%
Disagree	3	8.8%
Strongly disagree	4	4.5%

I could just walk in for care without an appointment.

Variable name: S17BI06
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	57.9%
Agree	2	33.1%
Disagree	3	4.3%
Strongly disagree	4	4.6%

I trust the urgent care center provider(s).

Variable name: S17BI07
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	35.0%
Agree	2	54.2%
Disagree	3	7.2%
Strongly disagree	4	3.6%

The urgent care center would process my TRICARE claim without problems.

Variable name: S17BI08
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	49.0%
Agree	2	39.2%
Disagree	3	6.5%
Strongly disagree	4	5.2%

If an appointment with my regular provider had been available, I would have used it instead of the urgent care clinic.

Variable name: S17BI09
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	49.4%
Agree	2	28.2%
Disagree	3	16.3%
Strongly disagree	4	6.1%

I wanted to avoid the wait at a hospital emergency room.

Variable name: S17BI10
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	43.5%
Agree	2	27.0%
Disagree	3	16.6%
Strongly disagree	4	12.9%

The location is more convenient than the hospital emergency room.

Variable name: S17BI11
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	41.5%
Agree	2	28.2%
Disagree	3	21.5%
Strongly disagree	4	8.8%

My condition was not a medical emergency requiring a hospital emergency room.

Variable name: S17BI12
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	54.6%
Agree	2	27.0%
Disagree	3	11.4%
Strongly disagree	4	6.9%

My normal place of care was not open.

Variable name: S17BI13
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	32.9%
Agree	2	26.5%
Disagree	3	25.1%
Strongly disagree	4	15.6%

I thought it would take less time to be seen and treated than at my usual place of care.

Variable name: S17BI14
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
Strongly agree	1	30.9%
Agree	2	30.4%
Disagree	3	24.2%
Strongly disagree	4	14.4%

Question 23: Thinking about your <u>most recent visit</u> to an urgent care center, did you or someone else call a nurse advice line before going to urgent care?
Variable name: S17BI15
Editing notes: See Notes 5_BI1, 5_BI2, and 5_BI3

Response	Directions	Value	Percent
Yes, I called a nurse line and spoke with a nurse		1	19.0%
Yes, I called a nurse line, but did not speak with a nurse	Go to Question 25	2	2.5%
No, I did not call my health plan's nurse advice line	Go to Question 25	3	52.6%
No, my health plan does not have a nurse advice line	Go to Question 25	4	15.0%
Don't know	Go to Question 25	-5	10.8%

Question 24: Did the nurse advise you to seek urgent care?
Variable name: S17BI16
Editing notes: See Notes 5_BI1, 5_BI2, and 5_BI3

Response	Value	Percent
Yes	1	90.3%
No	2	9.6%
Don't know	-5	0.2%

Question 25: Thinking about your <u>most recent visit</u> to an urgent care center, did the health care providers advise you to seek care in a hospital emergency room (ER)?
Variable name: S17BI17
Editing notes: See Notes 5_BI1, 5_BI2, and 5_BI4

Response	Directions	Value	Percent
Yes		1	10.5%
No	Go to Question 27	2	86.7%
Don't know	Go to Question 27	-5	2.8%

Question 26: Did you seek care at a hospital emergency room (ER)?
Variable name: S17BI18
Editing notes: See Notes 5_BI1, 5_BI2, and 5_BI4

Response	Value	Percent
Yes	1	66.4%
No	2	31.8%
Don't know	-5	1.8%

Question 27: Using any number from 0 to 10, where 0 is the worst care possible and 10 is the best care possible, what number would you use to rate your care during this urgent care center visit?
Variable name: S17BI20
Editing notes: See Notes 5_BI1 and 5_BI2

Response	Value	Percent
0 – Worst care possible	0	1.3%
1	1	0.3%
2	2	0.9%
3	3	0.8%
4	4	1.7%
5	5	5.8%
6	6	5.1%
7	7	11.6%
8	8	22.6%
9	9	23.5%
10 – Best care possible	10	26.4%

YOUR PERSONAL DOCTOR

Question 28: A personal doctor is the one you would see if you need a checkup, want advice about a health problem, or get sick or hurt. Do you have a personal doctor?
Variable name: H17019
Editing notes: See Note 6

Response	Directions	Value	Percent
Yes		1	81.3%
No	Go to Question 38	2	18.7%

Question 29: In the last 12 months, how many times did you visit your personal doctor to get care for yourself?
Variable name: H17020
Editing notes: See Notes 6 and 7

Response	Directions	Value	Percent
None	Go to Question 34	0	6.9%
1		1	18.9%
2		2	26.0%
3		3	19.3%
4		4	14.2%
5 to 9		5	11.6%
10 or more		6	3.0%

Question 30: In the last 12 months, how often did your personal doctor listen carefully to you?
Variable name: H17021
Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	0.9%
Sometimes	2	5.6%
Usually	3	16.7%
Always	4	76.8%
I had no visits in the last 12 months	-6	

Question 31: In the last 12 months, how often did your personal doctor explain things in a way that was easy to understand?
Variable name: H17022
Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	0.8%
Sometimes	2	3.7%
Usually	3	17.3%
Always	4	78.2%
I had no visits in the last 12 months	-6	

Question 32: In the last 12 months, how often did your personal doctor show respect for what you had to say?
Variable name: H17023
Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	0.9%
Sometimes	2	4.5%
Usually	3	12.8%
Always	4	81.9%
I had no visits in the last 12 months	-6	

Question 33: In the last 12 months, how often did your personal doctor spend enough time with you?
Variable name: H17024
Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	1.6%
Sometimes	2	6.2%
Usually	3	22.5%
Always	4	69.8%
I had no visits in the last 12 months	-6	

Question 34: In the last 12 months, did you get care from a doctor or other health provider besides your personal doctor?
Variable name: H17025
Editing notes: See Notes 6, 7, and 8

Response	Directions	Value	Percent
Yes		1	73.6%
No	Go to Question 36	2	26.4%

Question 35: In the last 12 months, how often did your personal doctor seem informed and up-to-date about the care you got from these doctors or other health providers?
Variable name: H17026
Editing notes: See Notes 6, 7, and 8

Response	Value	Percent
Never	1	7.7%
Sometimes	2	12.5%
Usually	3	31.4%
Always	4	48.3%

Question 36: Using any number from 0 to 10, where 0 is the worst personal doctor possible and 10 is the best personal doctor possible, what number would you use to rate your personal doctor?
Variable name: H17027
Editing notes: See Note 6

Response	Value	Percent
0 – Worst personal doctor possible	0	0.6%
1	1	0.4%
2	2	0.7%
3	3	1.0%
4	4	0.8%
5	5	3.8%
6	6	3.2%
7	7	7.6%
8	8	15.3%
9	9	23.0%
10 – Best personal doctor possible	10	43.6%
I don't have a personal doctor	-6	

Question 37: Did you have the same personal doctor <u>before</u> you joined this health plan?
Variable name: S17009
Editing notes: See Notes 6 and 8_01

Response	Directions	Value	Percent
Yes	Go to Question 39	1	31.2%
No		2	68.8%

Question 38: Since you joined your health plan, how much of a problem, if any, was it to get a personal doctor you are happy with?
Variable name: S17010
Editing notes: See Note 8_01

Response	Value	Percent
A big problem	1	11.7%
A small problem	2	21.9%
Not a problem	3	66.4%

GETTING HEALTH CARE FROM A SPECIALIST

When you answer the next questions, <u>do not</u> include dental visits or care you got when you stayed overnight in a hospital.

Question 39: <u>Specialists</u> are doctors like surgeons, heart doctors, allergy doctors, skin doctors, and other doctors who specialize in one area of health care. In the last 12 months, did you try to make any appointments to see a specialist?
Variable name: H17028
Editing notes: See Note 9

Response	Directions	Value	Percent
Yes		1	63.9%
No	Go to Question 43	2	36.1%

Question 40: In the last 12 months, how often did you get an appointment to see a specialist as soon as you needed?
Variable name: H17029
Editing notes: See Note 9

Response	Value	Percent
Never	1	4.6%
Sometimes	2	14.6%
Usually	3	27.5%
Always	4	53.3%
I didn't need a specialist in the last 12 months	-6	

Question 41: How many specialists have you seen in the last 12 months?
Variable name: H17030
Editing notes: See Notes 9 and 10

Response	Directions	Value	Percent
None	Go to Question 43	0	2.5%
1 specialist		1	38.4%
2		2	32.8%
3		3	17.2%
4		4	5.3%
5 or more specialists		5	3.7%

Question 42: We want to know your rating of the specialist you saw most often in the last 12 months. Using any number from 0 to 10 where 0 is the worst specialist possible and 10 is the best specialist possible, what number would you use to rate the specialist?
Variable name: H17031
Editing notes: See Notes 9 and 10

Response	Value	Percent
0 – Worst specialist possible	0	0.4%
1	1	0.2%
2	2	0.5%
3	3	0.8%
4	4	1.0%
5	5	2.7%
6	6	2.7%
7	7	6.8%
8	8	18.1%
9	9	24.1%
10 – Best specialist possible	10	42.8%
I didn't see a specialist in the last 12 months	-6	

Question 43: In general, how would you rate your overall <u>mental </u>or <u>emotional health</u>?
Variable name: S17B01
Editing notes: None

Response	Value	Percent
Excellent	1	41.9%
Very good	2	30.5%
Good	3	19.0%
Fair	4	6.9%
Poor	5	1.7%

Question 44: In the last 12 months, did you need any treatment or counseling for a <u>personal</u> or <u>family problem</u>?
Variable name: S17B02
Editing notes: See Note 10_B1

Response	Directions	Value	Percent
Yes		1	13.3%
No	Go to Question 47	2	86.7%

Question 45: In the last 12 months, how much of a problem, if any, was it to get the <u>treatment or counseling</u> you needed through your health plan?
Variable name: S17B03
Editing notes: See Note 10_B1

Response	Value	Percent
A big problem	1	14.6%
A small problem	2	18.8%
Not a problem	3	66.7%

Question 46: Using <u>any number from 0 to 10</u> where 0 is the worst treatment or counseling possible and 10 is the best treatment or counseling possible, what number would you use to rate your treatment or counseling in the last 12 months?
Variable name: S17B04
Editing notes: See Note 10_B1

Response	Value	Percent
0 – Worst treatment or counseling possible	0	1.5%
1	1	0.8%
2	2	1.5%
3	3	1.1%
4	4	3.6%
5	5	6.6%
6	6	4.1%
7	7	12.9%
8	8	21.1%
9	9	20.2%
10 – Best treatment or counseling possible	10	26.7%
I had no treatment or counseling in the last 12 months	-6	

YOUR HEALTH PLAN

The next questions ask about your experience with <u>your health plan</u>. By your health plan, we mean the health plan you marked in Question 3.

Question 47: In the last 12 months, did you try to get any kind of care, tests, or treatment through your health plan?
Variable name: H17032
Editing notes: See Note 11

Response	Directions	Value	Percent
Yes		1	76.7%
No	Go to Question 49	2	23.3%

Question 48: In the last 12 months, how often was it easy to get the care, tests, or treatment you needed?
Variable name: H17033
Editing notes: See Note 11

Response	Value	Percent
Never	1	2.2%
Sometimes	2	8.8%
Usually	3	26.3%
Always	4	62.7%
I didn't need care, tests, or treatment through my health plan in the last 12 months	-6	

Question 49: In the last 12 months, did you look for any information in written materials or on the Internet about how your health plan works?
Variable name: H17034
Editing notes: See Note 12

Response	Directions	Value	Percent
Yes		1	30.7%
No	Go to Question 51	2	69.3%

Question 50: In the last 12 months, how often did the written material or the Internet provide the information you needed about how your plan works?
Variable name: H17035
Editing notes: See Note 12

Response	Value	Percent
Never	1	6.2%
Sometimes	2	29.9%
Usually	3	39.7%
Always	4	24.2%
I didn't look for information from my health plan in the last 12 months	-6	

Question 51: Sometimes people need services or equipment beyond what is provided in a regular or routine office visit, such as care from a specialist, physical therapy, a hearing aid, or oxygen. In the last 12 months, did you look for information from your health plan on how much you would have to pay for a health care service or equipment?
Variable name: H17036
Editing notes: See Note 13

Response	Directions	Value	Percent
Yes		1	16.1%
No	Go to Question 53	2	83.9%

Question 52: In the last 12 months, how often were you able to find out from your health plan how much you would have to pay for a health care service or equipment?
Variable name: H17037
Editing notes: See Note 13

Response	Value	Percent
Never	1	17.4%
Sometimes	2	24.3%
Usually	3	27.4%
Always	4	30.9%
I didn't need a health care service or equipment from my health plan in the last 12 months	-6	

Question 53: In some health plans, the amount you pay for a prescription medicine can be different for different medicines, or can be different for prescriptions filled by mail instead of at the pharmacy. In the last 12 months, did you look for information from your health plan on how much you would have to pay for specific prescription medicines?
Variable name: H17038
Editing notes: See Note 14

Response	Directions	Value	Percent
Yes		1	21.1%
No	Go to Question 55	2	78.9%

Question 54: In the last 12 months, how often were you able to find out from your health plan how much you would have to pay for specific prescription medications?
Variable name: H17039
Editing notes: See Note 14

Response	Value	Percent
Never	1	11.6%
Sometimes	2	20.6%
Usually	3	29.7%
Always	4	38.1%
I didn't need prescription medications from my health plan in the last 12 months	-6	

Question 55: In the last 12 months, did you try to get information or help from your health plan's customer service?
Variable name: H17040
Editing notes: See Note 15

Response	Directions	Value	Percent
Yes		1	25.7%
No	Go to Question 58	2	74.3%

Question 56: In the last 12 months, how often did your health plan's customer service give you the information or help you needed?
Variable name: H17041
Editing notes: See Note 15

Response	Value	Percent
Never	1	6.2%
Sometimes	2	18.4%
Usually	3	28.9%
Always	4	46.4%
I didn't call my health plan's customer service in the last 12 months	-6	

Question 57: In the last 12 months, how often did your health plan's customer service staff treat you with courtesy and respect?
Variable name: H17042
Editing notes: See Note 15

Response	Value	Percent
Never	1	1.0%
Sometimes	2	7.5%
Usually	3	20.4%
Always	4	71.2%
I didn't call my health plan's customer service in the last 12 months	-6	

Question 58: In the last 12 months, did your health plan give you any forms to fill out?
Variable name: H17043
Editing notes: See Note 16

Response	Directions	Value	Percent
Yes		1	23.3%
No	Go to Question 60	2	76.7%

Question 59: In the last 12 months, how often were the forms from your health plan easy to fill out?
Variable name: H17044
Editing notes: See Note 16

Response	Value	Percent
Never	1	1.9%
Sometimes	2	12.1%
Usually	3	46.9%
Always	4	39.0%
I didn't have any experiences with paperwork for my health plan in the last 12 months	-6	

Question 60: Claims are sent to a health plan for payment. You may send in the claims yourself, or doctors, hospitals, or others may do this for you. In the last 12 months, did you or anyone else send in any claims to your health plan?
Variable name: H17045
Editing notes: See Note 17

Response	Directions	Value	Percent
Yes		1	52.1%
No	Go to Question 63	2	31.3%
Don't know	Go to Question 63	-5	16.7%

Question 61: In the last 12 months, how often did your health plan handle your claims quickly?
Variable name: H17046
Editing notes: See Note 17

Response	Value	Percent
Never	1	2.1%
Sometimes	2	6.4%
Usually	3	28.2%
Always	4	50.6%
Don't know	-5	12.8%
No claims were sent for me in the last 12 months	-6	

Question 62: In the last 12 months, how often did your health plan handle your claims correctly?
Variable name: H17047
Editing notes: See Note 17

Response	Value	Percent
Never	1	1.1%
Sometimes	2	5.0%
Usually	3	25.6%
Always	4	56.2%
Don't know	-5	12.1%
No claims were sent for me in the last 12 months	-6	

Question 63: Using any number from 0 to 10 where 0 is the worst health plan possible and 10 is the best health plan possible, what number would you use to rate your health plan?
Variable name: H17048
Editing notes: None

Response	Value	Percent
0 – Worst health plan possible	0	0.3%
1	1	0.5%
2	2	0.6%
3	3	1.2%
4	4	1.7%
5	5	5.6%
6	6	5.0%
7	7	11.8%
8	8	18.7%
9	9	20.4%
10 – Best health plan possible	10	34.2%

PREVENTIVE CARE

Preventive care is medical care you receive that is intended to maintain your good health or prevent a future medical problem. A physical or blood pressure screening are examples of preventive care.

Question 64: When did you last have a blood pressure reading?
Variable name: H17049
Editing notes: None

Response	Value	Percent
Less than 12 months ago	3	95.1%
1 to 2 years ago	2	3.5%
More than 2 years ago	1	1.4%

Question 65: Do you know if your blood pressure is too high?
Variable name: H17050
Editing notes: None

Response	Value	Percent
Yes, it is too high	1	17.4%
No, it is not too high	2	78.4%
Don't know	3	4.2%

Question 66: When did you last have a flu shot?
Variable name: H17051
Editing notes: None

Response	Value	Percent
Less than 12 months ago	4	68.5%
1 to 2 years ago	3	13.3%
More than 2 years ago	2	10.9%
Never had a flu shot	1	7.3%

Question 67: Have you ever <u>smoked</u> at least 100 cigarettes in your entire life?
Variable name: H17052
Editing notes: None

Response	Value	Percent
Yes	1	33.2%
No	2	65.2%
Don't know	-5	1.6%

Question 68: Do you now smoke cigarettes or use tobacco every day, some days or not at all?
Variable name: H17053
Editing notes: See Note 18

Response	Directions	Value	Percent
Every day		4	5.6%
Some days		3	4.2%
Not at all	Go to Question 73	2	89.8%
Don't know	Go to Question 73	-5	0.4%

Question 69: In the last 12 months, how often were you advised to quit smoking or using tobacco by a doctor or other health provider in your plan?
Variable name: H17054
Editing notes: See Note 18

Response	Value	Percent
Never	1	24.3%
Sometimes	2	20.0%
Usually	3	25.5%
Always	4	30.3%

Question 70: In the last 12 months, how often was medication recommended or discussed by a doctor or health provider to assist you with quitting smoking or using tobacco? Examples of medication are: nicotine gum, patch, nasal spray, inhaler, or prescription medication.
Variable name: H17055
Editing notes: See Note 18

Response	Value	Percent
Never	1	53.3%
Sometimes	2	19.3%
Usually	3	16.3%
Always	4	11.1%

Question 71: In the last 12 months, how often did your doctor or health provider discuss or provide methods and strategies other than medication to assist you with quitting smoking or using tobacco? Examples of methods and strategies are: telephone helpline, individual or group counseling, or cessation program.
Variable name: H17056
Editing notes: See Note 18

Response	Value	Percent
Never	1	54.4%
Sometimes	2	22.4%
Usually	3	12.9%
Always	4	10.4%

Question 72: On the days you smoke or use tobacco products, what type of product do you smoke or use?
MARK ALL THAT APPLY
Variable names: H17057A-H17057D
Editing notes: See Note 18

Response	Variable Name	Percent Marked
Cigarettes	H17057A	58.4%
Dip, chewing tobacco, snuff or snus	H17057B	22.2%
Cigars	H17057C	13.5%
Pipes, bidis, or kreteks (Pipes include hookahs. Bidis are small, brown, hand-rolled cigarettes from India and other Southeast Asian countries. Kreteks are clove cigarettes made in Indonesia that contain clove extract and tobacco.)	H17057D	7.6%

Question 73: Are you male or female?
Variable name: H17058
Editing notes: See Note 19A

Response	Directions	Value	Percent
Male	Go to Question 80	1	48.9%
Female		2	51.1%

Question 74: When did you last have a Pap smear test?
Variable name: H17059B
Editing notes: See Notes 19A and 19B

Response	Value	Percent
Within the last 12 months	6	32.2%
1 to 2 years ago	5	26.6%
More than 2 but less than 3 years ago	4	10.7%
More than 3 but less than 5 years ago	3	7.8%
5 or more years ago	2	17.6%
Never had a pap smear test	1	5.0%

Question 75: Are you under age 40?
Variable name: H17060
Editing notes: See Notes 19A, 19B, and 20

Response	Directions	Value	Percent
Yes	Go to Question 77	1	31.1%
No		2	68.9%

Question 76: When was the last time your breasts were checked by mammography?
Variable name: H17061
Editing notes: See Notes 19A, 19B, and 20

Response	Value	Percent
Within the last 12 months	5	64.6%
1 to 2 years ago	4	19.6%
More than 2 but less than 5 years ago	3	6.9%
5 or more years ago	2	5.8%
Never had a mammogram	1	3.1%

Question 77: Have you been pregnant in the last 12 months or are you pregnant now?
Variable name: H17062
Editing notes: See Notes 19A, 19B, and 21

Response	Directions	Value	Percent
Yes, I am currently pregnant		1	1.9%
No, I am not currently pregnant, but have been pregnant in the past 12 months	Go to Question 79	2	4.6%
No, I am not currently pregnant, and have not been pregnant in the past 12 months	Go to Question 80	3	93.4%

Question 78: In what trimester is your pregnancy?
Variable name: H17063
Editing notes: See Notes 19A, 19B, and 21

Response	Directions	Value	Percent
First trimester (up to 12 weeks after 1st day of last period)	Go to Question 80	1	17.9%
Second trimester (13th through 27th week)		2	48.8%
Third trimester (28th week until delivery)		3	33.2%

Question 79: In which trimester did you first receive prenatal care?
Variable name: H17064
Editing notes: See Notes 19A, 19B, and 21

Response	Value	Percent
First trimester (up to 12 weeks after 1st day of last period)	4	88.6%
Second trimester (13th through 27th week)	3	8.0%
Third trimester (28th week until delivery)	2	0.5%
Did not receive prenatal care	1	3.0%

Question 80: In general, how would you rate <u>your overall health</u>?
Variable name: H17065
Editing notes: None

Response	Value	Percent
Excellent	5	17.5%
Very good	4	40.8%
Good	3	31.4%
Fair	2	9.3%
Poor	1	1.0%

Question 81: Are you limited in any way in any activities because of any impairment or health problem?
Variable name: H17066
Editing notes: None

Response	Value	Percent
Yes	1	35.8%
No	2	64.2%

Question 82: In the last 12 months, did you get health care 3 or more times for the same condition or problem?
Variable name: H17067
Editing notes: See Note 22

Response	Directions	Value	Percent
Yes		1	42.6%
No	Go to Question 84	2	57.4%

Question 83: Is this a condition or problem that has lasted for at least 3 months? Do <u>not</u> include pregnancy or menopause.
Variable name: H17068
Editing notes: See Note 22

Response	Value	Percent
Yes	1	88.4%
No	2	11.6%

Question 84: Do you now need or take medicine prescribed by a doctor? Do <u>not</u> include birth control.
Variable name: H17069
Editing notes: See Note 23

Response	Directions	Value	Percent
Yes		1	67.5%
No	Go to Question 86	2	32.5%

Question 85: Is this medicine to treat a condition that has lasted for at least 3 months? Do not include pregnancy or menopause.
Variable name: H17070
Editing notes: See Note 23

Response	Value	Percent
Yes	1	94.6%
No	2	5.4%

Question 86: How tall are you without your shoes on? Please give your answer in feet and inches.
Variable name: H17071F, H17071I
Editing notes: See Note 23_HT

Response	Example feet	Example inches	Percent of responses
Please give your answer in feet and inches. Please write one number in each box.	5	06	95.4%

Question 87: How much do you weigh without your shoes on? Please give your answer in pounds.
Variable name: H17072
Editing notes: See Note 23_WT

Response	Example pounds	Percent of responses
Please give your answer in pounds. Please write one number in each box.	152	94.3%

Question 88: What is the highest grade or level of school that you have completed?
Variable name: SREDA
Editing notes: None

Response	Value	Percent
8th grade or less	1	0.4%
Some high school, but did not graduate	2	1.2%
High school graduate or GED	3	17.3%
Some college or 2-year degree	4	40.1%
4-year college graduate	5	18.2%
More than 4-year college degree	6	22.9%

Question 89: Are you of Hispanic or Latino origin or descent? (Mark "NO" if not Spanish/Hispanic/Latino.)
MARK ALL THAT APPLY
Variable names: H17073A-H17073E, H17073
Editing notes: See Note 24

Response	Variable Name	H17073 Value	Percent Marked
No, not Spanish, Hispanic, or Latino	H17073A	1	87.2%
Yes, Mexican, Mexican American, Chicano	H17073B	2	4.1%
Yes, Puerto Rican	H17073C	3	1.9%
Yes, Cuban	H17073D	4	0.3%
Yes, other Spanish, Hispanic, or Latino	H17073E	5	3.4%

Question 90: What is your race?
MARK ALL THAT APPLY
Variable names: SRRACEA-SRRACEE
Editing notes: None

Response	Variable Name	Percent Marked
White	SRRACEA	78.2%
Black or African American	SRRACEB	11.6%
American Indian or Alaska Native	SRRACEC	2.4%
Asian (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese)	SRRACED	6.5%
Native Hawaiian or other Pacific Islander (e.g., Samoan, Guamanian or Chamorro)	SRRACEE	0.8%

Question 91: What is your age now?
Variable name: SRAGE
Editing notes: None

Response	Value	Percent
18 to 24	1	11.4%
25 to 34	2	14.7%
35 to 44	3	10.2%
45 to 54	4	10.9%
55 to 64	5	21.9%
65 to 74	6	19.5%
75 or older	7	11.4%

Question 92: Are you currently covered by Medicare?
Variable name: H17074
Editing notes: See Note 25

Response	Directions	Value	Percent
Yes		1	34.5%
No	Go to Question 98	2	58.3%
Don't know	Go to Question 98	-5	7.2%

Question 93: Currently, are you covered by Medicare Part A? Medicare is the federal health insurance program for people aged 65 or older and for certain persons with disabilities. Medicare Part A helps pay for inpatient hospital care.
Variable name: H17075
Editing notes: See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare Part A	1	94.5%
No, I am not covered by Medicare Part A	2	5.5%

Question 94: Currently, are you covered by Medicare Part B? Medicare is the federal health insurance program for people aged 65 or older and for certain persons with disabilities. Medicare Part B helps pay for doctor's services, outpatient hospital services, and certain other services.
Variable name: H17076
Editing notes: See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare Part B	1	90.8%
No, I am not covered by Medicare Part B	2	9.2%

Question 95: Medicare Advantage is the name for Medicare Plus Choice plans. Are you enrolled in a Medicare Advantage Plan? This plan is also sometimes known as Medicare Part C.
Variable name: H17077
Editing notes: See Note 25

Response	Value	Percent
Yes	1	2.8%
No	2	84.7%
Don' t know	-5	12.5%

Question 96: Currently, are you covered by Medicare supplemental insurance? Medicare supplemental insurance, also called Medigap or MediSup, is usually obtained from private insurance companies and covers some of the costs not paid for by Medicare.
Variable name: H17078
Editing notes: See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare supplemental insurance	1	11.8%
No, I am not covered by Medicare supplemental insurance	2	88.2%

Question 97: Are you enrolled in Medicare Part D, also known as the Medicare Prescription Drug Plan?
Variable name: H17079
Editing notes: See Note 25

Response	Value	Percent
Yes	1	9.1%
No	2	82.0%
Don' t know	-5	8.9%

Question 98: Using a scale of 1 to 5, with 1 being "strongly disagree" and 5 being "strongly agree", how much do you agree with the following statement: In general, I am able to see my provider(s) when needed?
Variable name: S17011
Editing notes: None

Response	Value	Percent
Strongly disagree	1	5.6%
Disagree	2	4.6%
Neither agree nor disagree	3	9.3%
Agree	4	40.9%
Strongly agree	5	39.6%

Question 99: Using a scale of 1 to 5, with 1 being "completely dissatisfied" and 5 being "completely satisfied", how satisfied are you, overall, with the health care you received during your last visit?
Variable name: S17014
Editing notes: None

Response	Value	Percent
Completely dissatisfied	1	2.8%
Somewhat dissatisfied	2	4.1%
Neither satisfied nor dissatisfied	3	6.4%
Somewhat satisfied	4	22.2%
Completely satisfied	5	64.5%

THANK YOU FOR TAKING THE TIME TO COMPLETE THE SURVEY!

Your generous contribution will greatly aid efforts to improve the health of our military community.

APPENDIX B

SURVEY FIELDING LETTERS – QUARTER I

**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

**DEFENSE
HEALTH AGENCY**

12 October 2016

1234567890 16013166 7102 2001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

We at the Department of Defense (DoD) invite you to participate in the **October 2017 Health Care Survey of Department of Defense Beneficiaries.** We would very much appreciate your opinions by completing a brief online survey. Your feedback will benefit not only you and your family, but also other fellow military families. This survey is not about a particular health care visit, but about your health care experiences overall. The results are used to evaluate the services you have received in meeting your health care needs either through TRICARE or any other health insurance plan.   DoD takes this survey very seriously and your input is truly critical to our efforts.

The survey web site is below.   Please complete it **before 15 December 2016**. If you are an active duty service member, we will also send you a digitally signed email to your military email address with an attachment. The attachment contains the link to the survey web site.

Web site: **http://www.health.mil/healthsurveys**
Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)
Your password: **5654321**

Be sure to enter the web address into the address box of your internet browser, **not a search engine** (please DO NOT USE Google, Bing or Yahoo). The site can be accessed from any computer with internet access, at home or elsewhere. For more help, please look on the other side of this letter.

The purpose of this survey is to examine the health care experiences of our 9.5 million military health system beneficiaries. The results of the survey will be used to evaluate the care that members of the military and their families receive either through TRICARE or any other program. Even if you don't use TRICARE now, either on a military installation or in a civilian provider's office, we still want to understand your health care experiences. Your answers will be kept confidential, and the survey vendor DoD has contracted with to field this survey will not share any information that could identify you. Your participation is voluntary and will not affect your health benefits. The survey takes about 15 minutes to complete.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to **dod.health@ipsos-research.com**; by calling **800-864-7540**; or sending a fax to **877-648-9563**. For prompt assistance, please include your ID number, **1234567890**. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to the Health.mil web site noted above, and click on "Current Active Surveys". You can locate the survey by name or by its DoD RCS License Number - RCS# DD-HA(A) 1942.

**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

**DEFENSE
HEALTH AGENCY**

12 October 2016

1234567890 16013166 7102 2001
XXXXXXXXXXXXXX
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear XXXXXXXXXXXXX:

You have been selected to participate in the October 2017 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. **We survey fewer than 1% of all TRICARE beneficiaries, so your response matters!**

We at the DoD are working hard to make sure TRICARE beneficiaries get access to the quality health care they deserve, but we can't do it without your help. **As a military Service Member, you deserve quality health care. Even if you do not regularly use TRICARE, your response to this 15 minute survey will help us identify how to serve you better.**

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: **5654321**

- **Reply Online by 12/15/2016**
- **See the back page of this letter for more information about this survey**
- **We need your response to help families like yours get the best care**

Thank you for your valuable time. It is greatly appreciated. Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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HEALTH AFFAIRS
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

**DEFENSE
HEALTH AGENCY**

12 October 2016

1234567890 16013166 7102 2001
XXXXXXXXXXXXXX
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear XXXXXXXXXXXXXX:

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We at the DoD are working hard to make sure TRICARE beneficiaries get access to the quality health care they deserve, but we can't do it without your help. **Even if you do not regularly use TRICARE, your response to this 15 minute survey will help ensure quality health care for you and your loved ones. Please help and respond today!**

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: **5654321**

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- **See the back page of this letter for more information about this survey**
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**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

**DEFENSE
HEALTH AGENCY**

06 December 2016

1234567890   1601316601   7112   1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

Recently, we sent you an invitation to complete a survey for the **Health Care Survey of Department of Defense Beneficiaries.** This is your opportunity to play an active role in improving the military health care system by providing your thoughts about your health care experiences.   If you have already responded, thank you; otherwise, please consider setting aside a few minutes to complete the enclosed survey, which will benefit you and your family as well as other military families.

Please complete the enclosed survey and return it in the postage-paid envelope. Or, to complete the survey online, please go to the website:

> Web site: **http://www.health.mil/healthsurveys**
> **Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)**
> Your password: **4455678**

To access the online survey, use your Subject ID number, located below the barcode on this letter. Be sure to enter the address into the address box of your internet browser, **not a search engine** (e.g., Google or Yahoo). The site can be accessed from any computer with internet access, at home or elsewhere. For more help, please look on the other side of this letter.

Remember, even if you are retired or no longer in the military, your participation is essential! Even if you don't use TRICARE now, either on a military installation or in a civilian provider's office, we still want to understand your health care experiences. Your answers will be kept confidential, and the survey vendor DoD has contracted with to field this survey will not share any information that could identify you. Your participation is voluntary and will not affect your health benefits. The survey takes about 15 minutes to complete

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Thank you. Your response would be greatly appreciated!

Sincerely,
Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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SAMPLE REMINDER LETTER, CONTROL GROUP WITHOUT
QUESTIONNAIRE - Quarter I
OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

DEFENSE
HEALTH AGENCY

06 December 2016

1234567890 1601316601 7102 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

Your input is critical to the success of the **October 2016 Health Care Survey of Department of Defense Beneficiaries.** Approximately a month ago, we sent you an invitation to take the survey. If you already completed the survey online, I thank you for your participation.

If you have not completed the survey, please log on at the web site below to complete it **before 3 January 2017.**

> Web site: **http://www.health.mil/healthsurveys**
> **Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)**
> Your password: **4455678**

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Office of the Assistant Secretary of Defense (Health Affairs)

> To verify the legitimacy of this survey, please go to the Health.mil web site noted above, and click on "Current Active Surveys". You can locate the survey by name or by its DoD RCS License Number - RCS# DD-HA(A) 1942.

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

DEFENSE
HEALTH AGENCY

6 December 2016

1234567890 1601316601 7112 1003
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

You are not just a number – we really want to know your opinions on your TRICARE health plan. Recently, we sent you an invitation to complete the Health Care Survey of DoD Beneficiaries**.** If you have already responded, we sincerely thank you! If you have not responded, you still have time to help! Please consider setting aside a few minutes to complete the survey. **Your response will benefit you and your family as well as other military families.**

Retired? No longer in the military? Don't use TRICARE? **We still want to hear from you!**

It's easy to respond to this important, 15 minute survey online:

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: **5654321**

- **Please Reply by 3 January 2017**
- **Your answers will be kept confidential**
- **See the back page of this letter for more information about this survey**

Thank you. Your response would be greatly appreciated! Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/healthsurveys and click on "Current Active Surveys".
You can locate the survey by name or by its DoD RCS License Number - RCS# DD-HA(A) 1942.

OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS
7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

DEFENSE
HEALTH AGENCY

06 December 2016

1234567890 1504465701 5102 2001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

You are not just a number – we really want to know your opinions on your TRICARE health plan. Recently, we sent you an invitation to complete the Health Care Survey of DoD Beneficiaries. If you have already responded, we sincerely thank you! If you have not responded, you still have time to help! **Your survey response will benefit you and your family as well as other military families.**

Retired? No longer in the military? Don't use TRICARE? **We still want to hear from you!**

There are two easy ways to respond to this important 15 minute survey:

1. Complete the enclosed survey and return it in the postage-paid envelope.

   OR

2. Complete the survey online:

   > Web site: http://www.health.mil/healthsurveys
   >
   > **Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)**
   >
   > Your password: **5654321**

- **Please Reply by 3 January 2017**
- **Your answers will be kept confidential**
- **See the back page of this letter for more information about this survey**

Thank you. Your response would be greatly appreciated! Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/healthsurveys and click on "Current Active Surveys".
You can locate the survey by name or by its DoD RCS License Number - RCS# DD-HA(A) 1942.

Access the survey in 4 easy steps

1
Please open a web browser. Here are some common browser icons:

MICROSOFT INTERNET EXPLORER

GOOGLE CHROME

APPLE SAFARI

MOZILLA FIREFOX

2
Locate the browser's address box, which is at the top of the window, and **type the web address as follows.** **http://www.health.mil/healthsurveys**

ENTER ADDRESS HERE

DO NOT ENTER HERE!

3
Press the Enter key on your keyboard and you will go to the Health Survey Portal. Click the "**Select Survey #1**" in the left box, Survey #1: Health Care Surveys of DoD Beneficiaries (HCSDB).

4
This will take you to the survey home page, which looks like the image below. Once there, **enter your password** to begin the survey.
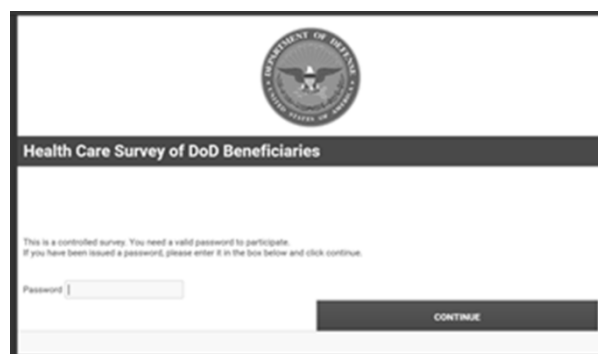
Frequently Asked Questions

What is this survey about?
This survey is not about a particular health care visit, but about your health care experiences overall. Even if you don't use TRICARE now, either on a military installation or in a civilian provider's office, we still want to understand your health care experiences.

Why should I respond to this Survey?
We need *your* responses, not just responses from other people. The results are used to evaluate the services you have received in meeting your health care needs either through TRICARE or any other health insurance plan. Your feedback will benefit not only you and your family, but also other fellow military families. DoD takes this survey very seriously and your input is truly critical to our efforts.

What happens to my answers?
Your answers will be kept confidential, and the survey vendor DoD has contracted with to field this survey will not share any information that could identify you. Your participation is voluntary and will not affect your health benefits.

Who do I contact if I want more information before responding?
If you have questions about the survey or don't want to participate, please send an email to **dod.health@ipsos-research.com**; or please call **1-800-864-7540**; or send a fax to **1-877-648-9563**. For prompt assistance, please include your survey ID number. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

It is vitally important that military members have access to comprehensive, affordable, and high-quality health care. Please join the effort to improve the military health care system by participating in the DoD's October 2016 Health Care Survey of Department of Defense Beneficiaries (HCSDB). The purpose of the Health Care Survey of DoD Beneficiaries is to examine the health care experiences of our 9.5 million military health system beneficiaries. This survey asks about your overall health care experiences. Your feedback will help the DoD understand the improvements that must be made to the health care system in order to benefit military members and their families nationwide.

Please complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

For your convenience, the attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

The survey takes about 15 minutes to complete. Be sure to enter the web address into the address box of your internet browser, not a search engine (please DO NOT USE Google, Bing or Yahoo). The site can be accessed from any computer with internet access, at home or elsewhere.

Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 800-864-7540; or sending a fax to 800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

You have been selected to participate in the October 2016 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. This is an important survey and YOUR RESPONSE TRULY COUNTS!

As a serving member of the U.S. Military, you deserve the highest quality of health care. It is my job to help make sure you get it, and we need to hear from you on how we're doing. Even if you do not regularly use TRICARE, your response to this survey will help us identify how to serve you better.

Please complete this 15 minute survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.
Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Your input is vital in helping the DoD improve the military health care system, and will benefit military members nationwide. The Health Care Survey of Department of Defense Beneficiaries will ask about your overall health care experiences, not about a particular health care visit. If you have already responded, thank you for your feedback! Otherwise, please take a few moments to complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

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Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 800-864-7540; or sending a fax to 800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

SAMPLE EMAIL 2, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

I sent a message to you on 21/10/16 inviting you to participate in the October 2016 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. We have not heard from you, and YOUR RESPONSE TRULY COUNTS!

Please complete this 15 minute survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.
Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

As a reminder, your participation is requested for the Department of Defense's October 2016 Health Care Survey of Department of Defense Beneficiaries. Please take this opportunity to play an active role in improving the health care system shared by military members and their families. The survey will ask questions about your overall health care experiences. If you have already responded, thank you!

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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For your convenience, the attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

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Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 800-864-7540; or sending a fax to 800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

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Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

I know your time is valuable. I hope you will help me with an equally valuable effort to make sure YOU get great health care. The October 2016 Health Care Survey of Department of Defense Beneficiaries, or HCSDB, is happening now, and YOUR RESPONSE TRULY COUNTS!

Please complete this 15 minute survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

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Thank you for your time!

Sincerely,

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Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

SAMPLE EMAIL 4, CONTROL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The Department of Defense has recently been in contact with you about completing the October 2016 Health Care Survey of Department of Defense Beneficiaries. The goal of the survey is to provide the DoD with information they can use to improve the healthcare experience of all military members and their families. If you have already completed the survey, thank you for your support! If not, please take a few moments to submit your responses by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 800-864-7540; or sending a fax to 800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

SAMPLE EMAIL 4, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

I have to admit that we really need your help. It's critical that we hear from you to evaluate and improve the quality of health care delivered to dedicated Service Members like yourself.

I know your time is valuable. Please take 15 minutes to complete the October 2016 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. I am not kidding when I say YOUR RESPONSE TRULY COUNTS!

Please complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Please take this opportunity to provide feedback about your healthcare experiences. Doing so will help the DoD improve the military healthcare system, benefitting service members and their families. Complete the survey at the URL below in order to avoid future reminders. Thanks for your support!

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

For your convenience, the attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

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Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 1-877-236-2390; or sending a fax to 1-800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

SAMPLE EMAIL 5, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

I know your time is valuable, and you may have several other requests to complete surveys. The question is: what do those surveys seek to accomplish? The October 2016 Health Care Survey of Department of Defense Beneficiaries, or HCSDB, will guide changes to improve health care for Service Members and their families. If there's something we could do better to serve you, we need to hear it from you.

Please complete this 15 minute survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been selected to provide feedback on your experiences with the military healthcare system. The survey will take about 15 minutes, and your responses are confidential. Your feedback will help us to improve the quality of care for military personnel.

Please complete the survey by visiting this web site: http://www.health.mil/healthsurveys and following the instructions below. Doing so will prevent future email reminders. Thank you!

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

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Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

SAMPLE EMAIL 6, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

Many of your fellow Service members have already responded to this survey, but we need more responses from members like you! Don't let your own experiences with TRICARE be overshadowed by the beneficiaries who do respond. The results of our survey inform DoD, Congress and other Government agencies – so let your voice be heard!

Please take 15 minutes to complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

Security protocols have altered this message to insert "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" and paste into your browser's address bar.

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys.

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

We need to hear from you in order to make improvements to the quality of healthcare for military members nationwide. Sharing your experiences will take only about 15 minutes, and will have a tangible benefit on your healthcare system.

Please complete the survey by visiting this web site: http://www.health.mil/healthsurveys and following the instructions below. Doing so will prevent future email reminders. Thank you!

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

For your convenience, the attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

The survey takes about 15 minutes to complete. Be sure to enter the web address into the address box of your internet browser, not a search engine (please DO NOT USE Google, Bing or Yahoo). The site can be accessed from any computer with internet access, at home or elsewhere.

Your answers will be kept confidential, and the survey vendor that DoD has contracted with to field this survey will not share any information that could identify you. Your answers will not affect your benefits.

If you have questions about the survey or don't want to participate, please contact the Survey Processing Center by sending an email to dod.health@ipsos-research.com; by calling 800-864-7540; or sending a fax to 800-409-7681. For prompt assistance, please include your ID number, [SYNOVATEID]. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the North Region call 877-874-2273, South Region call 800-444-5445, or West Region call 877-988-9378.

Thank you for your time!

Sincerely,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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SAMPLE EMAIL 7, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

Many of your fellow Service members have already responded to this survey, but we need more responses from members like you! Don't let your own experiences with TRICARE be overshadowed by the beneficiaries who do respond. The results of our survey inform DoD, Congress and other Government agencies – so let your voice be heard!

Please take 15 minutes to complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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SAMPLE EMAIL 8, CONTROL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

This is your last chance tell us about your healthcare experiences. We urgently need your feedback. Please complete the survey at the website below before June 15th. Thanks for your support!

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

For security purposes the link may be blocked. The email system may have inserted "Caution-" in front of the link. To access this survey please copy the text AFTER "Caution-" into your browser's address bar.

For your convenience, the attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

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Thank you for your time!

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SAMPLE EMAIL 8, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM],

The end of our survey field period is almost here. This is a great opportunity for individuals like you to submit important and influential feedback on TRICARE. Donâ€™t let others speak for you â€' as a member of the United States military, your opinions on TRICARE should be heard.

Please take just a few minutes to complete the survey by visiting the link below.

Web site: http://www.health.mil/healthsurveys

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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Branch Chief, Decision Support Division
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SAMPLE EMAIL 9, CONTROL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

This is your last chance tell us about your healthcare experiences. We urgently need your feedback. Please complete the survey by visiting this web site: http://www.health.mil/healthsurveys and following the instructions below. Thanks for your support!

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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Thank you for your time!

Sincerely,

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Branch Chief, Decision Support Division
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SAMPLE EMAIL 9, EXPERIMENTAL GROUP - Quarter I

[#DATE#]

[SYNOVATEID]

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Dear [RANKCD] [PN1STNM] [PNLSTNM],

The end of our survey field period is almost here. This is a great opportunity for individuals like you to submit important and influential feedback on TRICARE. Donâ€™t let others speak for you â€' as a member of the United States military, your opinions on TRICARE should be heard.

Please take just a few minutes to complete the survey by visiting the link below.

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Branch Chief, Decision Support Division
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APPENDIX C

CROSSWALK BETWEEN 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, AND 2017 QUESTIONS FOR ADULT HCSDB – QUARTER I

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CROSSWALK BETWEEN 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016 and 2017 ADULT SURVEY QUESTIONS

2017 Variable Name	2017 Quarter 3 Question Number	2017 Quarter 2 Question Number	2017 Quarter 1 Question Number	Identical to 2016	Variable Name in 2016 Survey	Variable Name in 2015 Survey	Variable Name in 2014 Survey	Variable Name in 2013 Survey	Variable Name in 2012 Survey	Variable Name in 2011 Survey	Variable Name in 2010 Survey	Variable Name in 2009 Survey	Comments
H17001			Q.01	T	H16001	H15001 [R]	H14001 [Q]	H13001 [P]	H12001 [o]	H11001 [N]	H10001 [M]	H09001 [L]	
H17002A, H17002C, H17002F-H17002V			Q.02	T	H16002A, H16002C, H16002F-H16002V	H15002A, H15002C, H15002F-H15002V [R]	H14002A-H14002V [Q]	H13002A-H13002U	H12002A-H12002U [o]	H11002A-H11002R	H10002A-H10002R [M]	H09002A-H09002R [L]	
H17003			Q.03	T	H16003	H15003 [R]	H14003 [Q]	H13003	H12003	H11003	H10003 [M]	H09003 [L]	
H17004			Q.04		H16004	H15004 [R]	H14004 [Q]	H13004	H12004	H11004 [N]	H10004 [M]	H09004 [L]	ADDED "AT LEAST" AND "BUT LESS THAN" TO THE ANSWER CHOICES
H17005			Q.05	T	H16005	H15005 [R]	H14005 [Q]	H13005	H12005	H11005 [N]	H10005 [M]	H09005 [L]	
H17006			Q.06	T	H16006	H15006 [R]	H14006 [Q]	H13006 [P]	H12006 [o]	H11006 [N]	H10006 [M]	H09006 [L]	
H17007			Q.07	T	H16007	H15007 [R]	H14007 [Q]	H13007	H12007 [o]	H11007 [N]	H10007 [M]	H09007 [L]	
H17008			Q.08	T	H16008	H15008 [R]	H14008 [Q]	H13008 [P]	H12008 [o]	H11008 [N]	H10008 [M]	H09008 [L]	
H17009			Q.09	T	H16009	H15009 [R]	H14009 [Q]	H13009 [P]	H12009 [o]	H11009 [N]	H10009 [M]	H09009 [L]	
H17010			Q.10	T	H16010	H15010 [R]	H14010 [Q]	H13010	H12010 [o]	H11010 [N]	H10010 [M]	H09010 [L]	
H17011			Q.11	T	H16011	H15011 [R]	H14011 [Q]	H13011 [P]	H12011 [o]	H11011 [N]	H10011 [M]	H09011 [L]	
H17012			Q.12	T	H16012	H15012 [R]	H14012 [Q]	H13012 [P]	H12012 [o]	H11012 [N]	H10012 [M]	H09012 [L]	
H17013			Q.13	T	H16013	H15013 [R]	H14013 [Q]	H13013 [P]	H12013 [o]	H11013 [N]	H10013 [M]	H09013 [L]	
H17014			Q.14	T	H16014	H15014 [R]	H14014 [Q]	H13014 [P]	H12014 [o]	H11014 [N]	H10014 [M]	H09014 [L]	
H17015			Q.15	T	H16015	H15015 [R]	H14015 [Q]	H13015 [P]	H12015 [o]	H11015 [N]	H10015 [M]	H09015 [L]	
H17016			Q.16	T	H16016	H15016 [R]	H14016 [Q]	H13016 [P]	H12016 [o]	H11016 [N]	H10016 [M]	H09016 [L]	
H17017			Q.17	T	H16017	H15017 [R]	H14017 [Q]	H13017 [P]	H12017 [o]	H11017 [N]	H10017 [M]	H09017 [L]	
H17018			Q.18	T	H16018	H15018 [R]	H14018 [Q]	H13018 [P]	H12018 [o]	H11018 [N]	H10018 [M]	H09018 [L]	
H17019			Q.28	T	H16019	H15019 [R]	H14019 [Q]	H13019 [P]	H12019 [o]	H11019 [N]	H10019 [M]	H09019 [L]	
H17020			Q.29	T	H16020	H15020 [R]	H14020 [Q]	H13020 [P]	H12020 [o]	H11020 [N]	H10020 [M]	H09020 [L]	
H17021			Q.30	T	H16021	H15021 [R]	H14021 [Q]	H13021 [P]	H12021 [o]	H11021 [N]	H10021 [M]	H09021 [L]	

[L] Identical to 2010   [M] Identical to 2011   [N] Identical to 2012   [o] Identical to 2013

[P] Identical to 2014   [Q] Identical to 2015   [R] Identical to 2016

2017 Variable Name	2017 Quarter 3 Question Number	2017 Quarter 2 Question Number	2017 Quarter 1 Question Number	Identical to 2016	Variable Name in 2016 Survey	Variable Name in 2015 Survey	Variable Name in 2014 Survey	Variable Name in 2013 Survey	Variable Name in 2012 Survey	Variable Name in 2011 Survey	Variable Name in 2010 Survey	Variable Name in 2009 Survey	Comments
H17022			Q.31	T	H16022	H15022 [R]	H14022 [Q]	H13022 [P]	H12022 [o]	H11022 [N]	H10022 [M]	H09022 [L]	
H17023			Q.32	T	H16023	H15023 [R]	H14023 [Q]	H13023 [P]	H12023 [o]	H11023 [N]	H10023 [M]	H09023 [L]	
H17024			Q.33	T	H16024	H15024 [R]	H14024 [Q]	H13024 [P]	H12024 [o]	H11024 [N]	H10024 [M]	H09024 [L]	
H17025			Q.34	T	H16025	H15025 [R]	H14025 [Q]	H13025 [P]	H12025 [o]	H11025 [N]	H10025 [M]	H09025 [L]	
H17026			Q.35	T	H16026	H15026 [R]	H14026 [Q]	H13026 [P]	H12026 [o]	H11026 [N]	H10026 [M]	H09026 [L]	
H17027			Q.36	T	H16027	H15027 [R]	H14027 [Q]	H13027 [P]	H12027 [o]	H11027 [N]	H10027 [M]	H09027 [L]	
H17028			Q.39	T	H16028	H15028 [R]	H14028 [Q]	H13028 [P]	H12028 [o]	H11028 [N]	H10028 [M]	H09028 [L]	
H17029			Q.40	T	H16029	H15029 [R]	H14029 [Q]	H13029	H12029 [o]	H11029 [N]	H10029 [M]	H09029 [L]	
H17030			Q.41	T	H16030	H15030 [R]	H14030 [Q]	H13030 [P]	H12030 [o]	H11030 [N]	H10030 [M]	H09030 [L]	
H17031			Q.42	T	H16031	H15031 [R]	H14031 [Q]	H13031 [P]	H12031 [o]	H11031 [N]	H10031 [M]	H09031 [L]	
H17032			Q.47	T	H16032	H15032 [R]	H14032 [Q]	H13032 [P]	H12032 [o]	H11032 [N]	H10032 [M]	H09032 [L]	
H17033			Q.48	T	H16033	H15033 [R]	H14033 [Q]	H13033 [P]	H12033 [o]	H11033 [N]	H10033 [M]	H09033 [L]	
H17034			Q.49	T	H16034	H15034 [R]	H14034 [Q]	H13034 [P]	H12034 [o]	H11034 [N]	H10034B [M]	H09034B [L]	
H17035			Q.50	T	H16035	H15035 [R]	H14035 [Q]	H13035 [P]	H12035 [o]	H11035 [N]	H10034 [M]	H09034 [L]	
H17036			Q.51	T	H16036	H15036 [R]	H14036 [Q]	H13036 [P]	H12036 [o]	H11036 [N]	H10035 [M]	H09035 [L]	
H17037			Q.52	T	H16037	H15037 [R]	H14037 [Q]	H13037 [P]	H12037 [o]	H11037 [N]	H10036 [M]	H09036 [L]	
H17038			Q.53	T	H16038	H15038 [R]	H14038 [Q]	H13038	H12038	H11038	H10037 [M]	H09037 [L]	
H17039			Q.54	T	H16039	H15039 [R]	H14039 [Q]	H13039 [P]	H12039 [o]	H11039 [N]	H10038 [M]	H09038 [L]	
H17040			Q.55	T	H16040	H15040 [R]	H14040 [Q]	H13040 [P]	H12040 [o]	H11040 [N]	H10039 [M]	H09039 [L]	
H17041			Q.56	T	H16041	H15041 [R]	H14041 [Q]	H13041 [P]	H12041 [o]	H11041 [N]	H10040 [M]	H09040 [L]	
H17042			Q.57	T	H16042	H15042 [R]	H14042 [Q]	H13042 [P]	H12042 [o]	H11042 [N]	H10041 [M]	H09041 [L]	
H17043			Q.58	T	H16043	H15043 [R]	H14043 [Q]	H13043 [P]	H12043 [o]	H11043 [N]	H10042 [M]	H09042 [L]	
H17044			Q.59	T	H16044	H15044 [R]	H14044 [Q]	H13044 [P]	H12044 [o]	H11044 [N]	H10043 [M]	H09043 [L]	
H17045			Q.60	T	H16045	H15045 [R]	H14045 [Q]	H13045 [P]	H12045 [o]	H11045 [N]	H10044 [M]	H09044 [L]	

[L] Identical to 2010   [M] Identical to 2011   [N] Identical to 2012   [o] Identical to 2013
[P] Identical to 2014   [Q] Identical to 2015   [R] Identical to 2016

2017 Variable Name	2017 Quarter 3 Question Number	2017 Quarter 2 Question Number	2017 Quarter 1 Question Number	Identical to 2016	Variable Name in 2016 Survey	Variable Name in 2015 Survey	Variable Name in 2014 Survey	Variable Name in 2013 Survey	Variable Name in 2012 Survey	Variable Name in 2011 Survey	Variable Name in 2010 Survey	Variable Name in 2009 Survey	Comments
H17046			Q.61	T	H16046	H15046 [R]	H14046 [Q]	H13046 [P]	H12046 [o]	H11046 [N]	H10045 [M]	H09045 [L]	
H17047			Q.62	T	H16047	H15047 [R]	H14047 [Q]	H13047 [P]	H12047 [o]	H11047 [N]	H10046 [M]	H09046 [L]	
H17048			Q.63	T	H16048	H15048 [R]	H14048 [Q]	H13048 [P]	H12048 [o]	H11048 [N]	H10047 [M]	H09047 [L]	
H17049			Q.64	T	H16049	H15049 [R]	H14049 [Q]	H13049 [P]	H12049 [o]	H11049 [N]	H10048 [M]	H09048 [L]	
H17050			Q.65	T	H16050	H15050 [R]	H14050 [Q]	H13050 [P]	H12050 [o]	H11050 [N]	H10049 [M]	H09049 [L]	
H17051			Q.66	T	H16051	H15051 [R]	H14051 [Q]	H13051 [P]	H12051 [o]	H11051 [N]	H10050 [M]	H09050 [L]	
H17052			Q.67	T	H16052	H15052 [R]	H14052 [Q]	H13052 [P]	H12052 [o]	H11052 [N]	H10051	H09051 [L]	
H17053			Q.68	T	H16053	H15053	H14053 [Q]	H13053 [P]	H12053 [o]	H11053 [N]	H10052	H09052 [L]	
H17054			Q.69	T	H16054	H15054 [R]	H14054 [Q]	H13054 [P]	H12054 [o]	H11054 [N]	H10053	H09053 [L]	
H17055			Q.70	T	H16055	H15055 [R]	H14055 [Q]	H13055	H12055 [o]	H11055	H10054	H09054 [L]	
H17056			Q.71	T	H16056	H15056 [R]	H14056 [Q]	H13056	H12056 [o]	H11056	H10055	H09055 [L]	
H17057A-H17057D			Q.72	T	H16057A-H16057D	H15057A-H15057D [R]	H14057A-H14057D [Q]	H13057A-H13057D [P]	H12057A - H12057D [o]	H11057A-H11057D [N]			
H17058			Q.73	T	H16058	H15058	H14058 [Q]	H13058	H12058	H11058 [N]	H10056 [M]	H09056 [L]	
H17059B			Q.74	T	H16059B	H15059B [R]	H14059B [Q]	H13059B [P]	H12059B [o]	H11059	H10057	H09057 [L]	
H17060			Q.75	T	H16060	H15060	H14060 [Q]	H13060 [P]	H12060 [o]	H11060 [N]	H10058 [M]	H09058 [L]	
H17061			Q.76	T	H16061	H15061 [R]	H14061 [Q]	H13061 [P]	H12061 [o]	H11061 [N]	H10059 [M]	H09059 [L]	
H17062			Q.77	T	H16062	H15062	H14062 [Q]	H13062 [P]	H12062 [o]	H11062 [N]	H10060 [M]	H09060 [L]	
H17063			Q.78	T	H16063	H15063	H14063 [Q]	H13063 [P]	H12063 [o]	H11063 [N]	H10061 [M]	H09061 [L]	
H17064			Q.79	T	H16064	H15064 [R]	H14064 [Q]	H13064 [P]	H12064 [o]	H11064 [N]	H10062 [M]	H09062 [L]	
H17065			Q.80	T	H16065	H15065 [R]	H14065 [Q]	H13065 [P]	H12065 [o]	H11065 [N]	H10063 [M]	H09063	
H17066			Q.81	T	H16066	H15066 [R]	H14066 [Q]	H13066 [P]	H12066 [o]	H11066 [N]	H10064 [M]	H09064 [L]	
H17067			Q.82	T	H16067	H15067	H14067 [Q]	H13067	H12067	H11067	H10065 [M]	H09065 [L]	
H17068			Q.83	T	H16068	H15068 [R]	H14068 [Q]	H13068 [P]	H12068 [o]	H11068 [N]	H10066 [M]	H09066 [L]	

[L] Identical to 2010   [M] Identical to 2011   [N] Identical to 2012   [o] Identical to 2013
[P] Identical to 2014   [Q] Identical to 2015   [R] Identical to 2016

2017 Variable Name	2017 Quarter 3 Question Number	2017 Quarter 2 Question Number	2017 Quarter 1 Question Number	Identical to 2016	Variable Name in 2016 Survey	Variable Name in 2015 Survey	Variable Name in 2014 Survey	Variable Name in 2013 Survey	Variable Name in 2012 Survey	Variable Name in 2011 Survey	Variable Name in 2010 Survey	Variable Name in 2009 Survey	Comments
H17069			Q.84	T	H16069	H15069	H14069 [Q]	H13069 [P]	H12069 [o]	H11069 [N]	H10067 [M]	H09067 [L]	
H17070			Q.85	T	H16070	H15070 [R]	H14070 [Q]	H13070 [P]	H12070 [o]	H11070 [N]	H10068 [M]	H09068 [L]	
H17071F			Q.86	T	H16071F	H15071F [R]	H14071F [Q]	H13071F [P]	H12071F	H11071F [N]	H10069F [M]	H09069F [L]	
H17071I			Q.86	T	H16071I	H15071I [R]	H14071I [Q]	H13071I [P]	H12071I	H11071I [N]	H10069I [M]	H09069I [L]	
H17072			Q.87	T	H16072	H15072 [R]	H14072 [Q]	H13072 [P]	H12072	H11072 [N]	H10070 [M]	H09070 [L]	
SREDA			Q.88	T	SREDA	SREDA [R]	SREDA [Q]	SREDA [P]	SREDA [o]	SREDA [N]	SREDA [M]	SREDA [L]	
H17073, H17073A-H17073E			Q.89	T	H16073, H16073A-H16073E [R]	H15073, H15073A-H15073E [R]	H14073, H14073A-H14073E [Q]	H13073, H13073A-H13073E [P]	H12073, H12073A-H12073E [o]	H11073, H11073A-H11073E [N]	H10071, H10071A-H10071E [M]	H09071, H09071A-H09071E [L]	
SRRACEA-SRRACEE			Q.90	T	SRRACEA-SRRACEE [R]	SRRACEA-SRRACEE [R]	SRRACEA-SRRACEE [Q]	SRRACEA-SRRACEE [P]	SRRACEA-SRRACEE [o]	SRRACEA-SRRACEE [N]	SRRACEA-SRRACEE [M]	SRRACEA-SRRACEE [L]	
SRAGE			Q.91	T	SRAGE [R]	SRAGE	SRAGE [Q]	SRAGE [P]	SRAGE [o]	SRAGE [N]	SRAGE [M]	SRAGE [L]	
H17074			Q.92		H16074	H15074	H14074 [Q]	H13074 [P]	H12074 [o]	H11074 [N]			
H17075			Q.93	T	H16075 [R]	H15075	H14075 [Q]	H13075 [P]	H12075 [o]	H11075 [N]	H10072 [M]	H09072 [L]	
H17076			Q.94	T	H16076 [R]	H15076	H14076 [Q]	H13076 [P]	H12076 [o]	H11076	H10073	H09073 [L]	
H17077			Q.95	T	H16077 [R]	H15077	H14077 [Q]	H13077 [P]	H12077 [o]	H11077 [N]			
H17078			Q.96	T	H16078 [R]	H15078	H14078 [Q]	H13078 [P]	H12078 [o]	H11078 [N]	H10074 [M]	H09074 [L]	
H17079			Q.97	T	H16079 [R]	H15079	H14079 [Q]	H13079 [P]	H12079 [o]	H11079 [N]			
S17009			Q.37	T	S16009 [R]	S15009	S14009 [Q]	S13009 [P]	S12009	S11009 [N]	S10009 [M]	S09009 [L]	
S17010			Q.38	T	S16010 [R]	S15010	S14010 [Q]	S13010 [P]	S12010	S11010 [N]	S10010 [M]	S09010 [L]	
S17011			Q.98	T	S16011 [R]	S15011	S14011 [Q]	S13011 [P]	S12011 [o]	S11011 [N]	S10011 [M]	S09011	
S17014			Q.99	T	S16014 [R]	S15014	S14014 [Q]	S13014 [P]	S12014 [o]	S11014 [N]	S10014 [M]	S09014	
S17B01			Q.43	T	S16B01 [R]	S15B01	S14B01 [Q]	S13B01 [P]	S12B01 [o]	S11B01 [N]	S10B01 [M]	S09B01	
S17B02			Q.44	T	S16B02 [R]	S15B02	S14B02 [Q]	S13B02 [P]	S12B02 [o]	S11B02 [N]	S10B02 [M]	S09B02 [L]	
S17B03			Q.45	T	S16B03 [R]	S15B03	S14B03 [Q]	S13B03 [P]	S12B03 [o]	S11B03 [N]	S10B03 [M]	S09B03 [L]	
S17B04			Q.46	T	S16B04 [R]	S15B04	S14B04 [Q]	S13B04 [P]	S12B04 [o]	S11B04 [N]	S10B04 [M]	S09B04 [L]	

[L] Identical to 2010 [M] Identical to 2011 [N] Identical to 2012 [o] Identical to 2013
[P] Identical to 2014 [Q] Identical to 2015 [R] Identical to 2016

2017 Variable Name	2017 Quarter 3 Question Number	2017 Quarter 2 Question Number	2017 Quarter 1 Question Number	Identical to 2016	Variable Name in 2016 Survey	Variable Name in 2015 Survey	Variable Name in 2014 Survey	Variable Name in 2013 Survey	Variable Name in 2012 Survey	Variable Name in 2011 Survey	Variable Name in 2010 Survey	Variable Name in 2009 Survey	Comments
S17BI01			Q.19										NEW QUESTION STARTING IN Q1 2017
S17BI02A-S17BI02E			Q.20										NEW QUESTION STARTING IN Q1 2017
S17BI03			Q.22a										NEW QUESTION STARTING IN Q1 2017
S17BI04			Q.22b										NEW QUESTION STARTING IN Q1 2017
S17BI05			Q.22c										NEW QUESTION STARTING IN Q1 2017
S17BI06			Q.22d										NEW QUESTION STARTING IN Q1 2017
S17BI07			Q.22e										NEW QUESTION STARTING IN Q1 2017
S17BI08			Q.22f										NEW QUESTION STARTING IN Q1 2017
S17BI09			Q.22g										NEW QUESTION STARTING IN Q1 2017
S17BI10			Q.22h										NEW QUESTION STARTING IN Q1 2017
S17BI11			Q.22i										NEW QUESTION STARTING IN Q1 2017
S17BI12			Q.22j										NEW QUESTION STARTING IN Q1 2017
S17BI13			Q.22k										NEW QUESTION STARTING IN Q1 2017
S17BI14			Q.22l										NEW QUESTION STARTING IN Q1 2017
S17BI15			Q.23										NEW QUESTION STARTING IN Q1 2017
S17BI16			Q.24										NEW QUESTION STARTING IN Q1 2017
S17BI17			Q.25										NEW QUESTION STARTING IN Q1 2017
S17BI18			Q.26										NEW QUESTION STARTING IN Q1 2017
S17BI19			Q.21										NEW QUESTION STARTING IN Q1 2017
S17BI20			Q.27										NEW QUESTION STARTING IN Q1 2017

[L] Identical to 2010   [M] Identical to 2011   [N] Identical to 2012   [o] Identical to 2013

[P] Identical to 2014   [Q] Identical to 2015   [R] Identical to 2016

APPENDIX D

CODING SCHEME AND CODING TABLES – QUARTER I

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2017 HEALTH CARE SURVEY OF DOD BENEFICIARIES (HCSDB)
CODING SCHEME AND CODING TABLES

BASIC SAS AND ASCII/EBCDIC MISSING DATA AND NOT APPLICABLE CODES

SAS Numeric	ASCII/EBCDIC Numeric	Description
.	-9	No response
.O	-7	Out of range error
.N	-6	Not applicable or valid skip
.D	-5	Scalable response of "don't know" or "not sure"
.I	-4	Incomplete grid error
.C	-1	Question should have been skipped

Missing values '.' and incomplete grids '.I' are encoded prior to implementation of the Coding Scheme Notes (see below).

Coding Table for Note 1:
H17003, H17004

N1	H17003 is:	H17004 is:	H17003 is coded as:	H17004 is coded as:	*
1	1-17: Health plan	Marked or missing response	Stands as original value	Stands as original value	
2	-6: No usage in past 12 months or -5: not sure	Marked response	Stands as original value	.C: Question should be skipped	F
3	-6: No usage in past 12 months or -5: not sure	Missing response	Stands as original value	.N: Valid skip	F
4	Missing response	Marked or missing response	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 2:
H17006, H17007, H17008

N2	H17006 is:	H17007-H17008 are:	H17006 is coded as:	H17007-H17008 are coded as:	*
1	1: Yes	"All are blank"	Stands as original value	Stand as original value	
2	1: Yes or .: missing	"Blank or NA"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	B F
3	1: Yes	"One marked and one NA"	Stands as original value	.: Missing if –6; stand as original value otherwise	F
4	1: Yes	At least one is "marked"	Stands as original value	Stand as original value	
5	2: No	"One marked and one NA"	Stands as original value	.C: Question should be skipped	F
6	2: No or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stand as original value otherwise	B F
7	2: No	"All are blank" or "blank or NA"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
8	.: Missing	"All are blank"	Stands as original value	Stand as original value	

*   Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 2:
Responses to H17007-H17008 are all missing.

Definition of "blank or NA" in Coding Table for Note 2:
All of the following are true: H17007-H17008 are a combination of not applicable (-6) or missing.

Definition of "one marked and one NA" in Coding Table for Note 2:
H17007-H17008 have one response marked not applicable (-6) and one marked response (other than not applicable).

Definition of "marked" in Coding Table for Note 2:
Any pattern of marks outside the definitions "all are blank", "one marked and one NA", and "blank or NA".

Coding Table for Note 3:
H17009, H17010, H17011

N3	H17009 is:	H17010-H17011 are:	H17009 is coded as:	H17010-H17011 are coded as:	*
1	1: Yes	"All are blank"	Stands as original value	Stand as original value	
2	1: Yes or .: missing	"Blank or NA"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	B F
3	1: Yes	"One marked and one NA"	Stands as original value	.: Missing if –6; stand as original value otherwise	F
4	1: Yes	At least one is "marked"	Stands as original value	Stand as original value	
5	2: No	"One marked and one NA"	Stands as original value	.C: Question should be skipped	F
6	2: No or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stand as original value otherwise	B F
7	2: No	"All are blank" or "blank or NA"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
8	.: Missing	"All are blank"	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 3:
Responses to H17010-H17011 are all missing.

Definition of "blank or NA" in Coding Table for Note 3:
All of the following are true: H17010-H17011 are a combination of not applicable (-6) or missing.

Definition of "one marked and one NA" in Coding Table for Note 3:
H17010-H17011 have one response marked not applicable (-6) and one marked response (other than not applicable).

Definition of "marked" in Coding Table for Note 3:
Any pattern of marks outside the definitions "all are blank", "one marked and one NA", and "blank or NA".

Coding Table for Note 4:
H17013, H17014-H17018

N4	H17013 is:	H17014-H17018 are:	H17013 is coded as:	H17014-H17018 are coded as:	*
1	1: None	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
2	2-7: Visits, or .: missing	"Blank or NA"	1: None	.N: Valid skip if missing; .C: question should be skipped if marked	B F
3	2-7: Visits	At least one is "marked" or "all are blank"	Stands as original value	.: Missing if –6; stand as original value otherwise	F
4	.: Missing	"All are blank"	Stands as original value	Stand as original value	
5	.: Missing	At least one is "marked"	Stands as original value	.: Missing if –6; stand as original value otherwise	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 4:
Responses to H17014-H17018 are all missing.

Definition of "blank or NA" in Coding Table for Note 4:
All of the following are true: H17014-H17018 are a combination of not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 4:
Any pattern of marks outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 5:
H17015, H17016-H17017

N5	H17015 is:	H17016 is:	H17017 is:	H17015 is coded as:	H17016 is coded as:	H17017 is coded as:	*
1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Stands as original value	Stands as original value	Stands as original value	
2	1: Yes	Any value	Any value	Stands as original value	Stands as original value	Stands as original value	
3	2: No or .: missing	1: Definitely yes 2: somewhat yes	Any value	1: Yes	Stands as original value	Stands as original value	B
4	2: No or .: missing	3: Somewhat no, 4: definitely no, or .: missing	1: Definitely yes 2: somewhat yes	1: Yes	Stands as original value	Stands as original value	B
5	2: No	3: Somewhat no, 4: definitely no, or .: missing	3: Somewhat no, 4: definitely no, or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	F
6	.: Missing	3: Somewhat no, 4: definitely no, or .: missing	3: Somewhat no, 4: definitely no, or .: missing	Stands as original value	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 5_BI1:
S17BI01-S17BI20

N5_BI1	S17BI01 is:	S17BI02-S17BI20 are:	S17BI01 is coded as:	S17BI02-S17BI20 are coded as:	*
1	1: Yes	S17BI02E is not marked, the rest are any value	Stands as original value	Stands as original value	F
2	1: Yes or .: missing	S17BI02E is marked	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	
3	2: No	"Blank or NA" or "all are blank"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	B F
4	2: No	At least one is "marked"	1: Yes	Stands as original value	F
5	.: Missing	At least one is "marked"	1: Yes	Stand as original value otherwise	
6	.: Missing	"All are blank"	Stands as original value	Stand as original value	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 5_BI1:
Responses to S17BI02-S17BI20 are all missing.

Definition of "blank or NA" in Coding Table for Note 5_BI1:
All of the following are true: S17BI02-S17BI20 are a combination of not applicable (-6), missing, or S17BI02E=1.

Definition of "marked" in Coding Table for Note 5_BI1:
Any pattern of marks outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 5_BI2:
S17BI02-S17BI20

N5_BI2	S17BI02A is:	S17BI02B-S17BI02D are:	S17BI02E is:	S17BI03-S17BI20 are:	S17BI02A is coded as:	S17BI02E is coded as:	S17BI03-S17BI20 are coded as:	*
1	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	
2	Marked	Any value	Any value	At least one is "marked"	Stands as original value	Unmarked	Stands as original value	F
3	Marked	At least one is "marked"	Any value	"All are blank" or "blank or don't know"	Unmarked	Unmarked	Stands as original value	F
4	Marked	"All are blank"	Any value	"All are blank" or "blank or don't know"	Unmarked	Stands as original value	Stands as original value	F
5	Unmarked or .: missing	Any value	Any value	At least one is "marked"	Marked	Unmarked	Stands as original value	F
6	Unmarked or .: missing	"All are blank"	Any value	"All are blank" or "blank or don't know"	Stands as original value	Stands as original value	Stands as original value	B F
7	Unmarked or .: missing	At least one is "marked"	Any value	"All are blank" or "blank or don't know"	Stands as original value	Unmarked	.N: Valid skip if missing; .C: question should be skipped if marked	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 5_BI2:
Responses to S17BI02B-S17BI02E or S17BI03-S17BI20 are all missing.

Definition of "blank or don't know" in Coding Table for Note 5_BI2:
All of the following are true: S17BI03-S17BI20 are a combination of don't know (-5) or missing.

Definition of "marked" in Coding Table for Note 5_BI2:
Any pattern of marks outside the definitions "all are blank" and "blank or don't know".

Coding Table for Note 5_BI3:
S17BI15-S17BI16

N5_BI3	S17BI15 is:	S17BI16 is:	S17BI15 is coded as:	S17BI16 is coded as:	*
1	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	
2	1: Yes I spoke with a nurse	Any value	Stands as original value	Stands as original value	F
3	2-4, -5: Did not speak with nurse	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	B F
4	.: Missing	1-2	1: Yes I spoke with a nurse	Stand as original value	B
5	.: Missing	-5 or missing	Stands as original value	Stand as original value	F

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 5_BI4:
S17BI17-S17BI18

N5_BI4	S17BI17 is:	S17BI18 is:	S17BI17 is coded as:	S17BI18 is coded as:	*
1	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	
2	1: Yes	Any value	Stands as original value	Stands as original value	F
3	2: No or -5: don't know	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	B F
4	.: Missing	1: Yes	1: Yes	Stand as original value	B
5	.: Missing	2: No, -5: don't know or .: missing	Stands as original value	Stand as original value	F

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 6:
H17019, H17020-H17027, S17009

N6	H17019 is:	H17020-H17024 are:	H17025-H17026, S17009 are:	H17027 is:	H17019 is coded as:	H17020-H17026, S17009 are coded as:	H17027 is coded as:	*
1	1: Yes	Any value	Any value	Any value	Stands as original value	Stand as original value	.: Missing if –6; stands as original value otherwise	F
2	2: No or .: missing	Any value	Any value	0-10	1: Yes	Stand as original value	Stands as original value	B
3	2: No or .: missing	At least one is "marked"	Any value	.: Missing	1: Yes	Stand as original value	Stands as original value	B
4	2: No	At least one is "marked"	Any value	-6: No personal doctor	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	.C: Question should be skipped	F
5	2: No	"Blank or NA"	Any value	-6: No personal doctor or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	F
6	.: Missing	Any value	Any value	-6: No personal doctor	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	.C: Question should be skipped	B F
7	.: Missing	"Blank or NA"	Any value	.: Missing	Stands as original value	Stand as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "blank or NA" in Coding Table for Note 6:
All of the following are true: H17020 is either 0: None or missing and H17021-H17024 are either not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 6:
Any pattern of marks for H17020-H17024 outside the definition "blank or NA".

Coding Table for Note 7:
H17020, H17021-H17026

N7	H17020 is:	H17021-H17026 are:	H17020 is coded as:	H17021-H17026 are coded as:	*
1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Stands as original value	Stand as original value	
2	0: None	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	1-6: Visits, or .: missing	"Blank or NA"	0: None	.N: Valid skip if missing; .C: question should be skipped if marked	B F
4	1-6: Visits, or .: missing	At least one is "marked" or "all are blank"	Stands as original value	.: Missing if –6; stand as original value otherwise	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 7:
Responses to H17021-H17026 are all missing.

Definition of "blank or NA" in Coding Table for Note 7:
Responses to H17021-H17026 are a combination of not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 7:
Any pattern of marks for H17021-H17024 outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 8:
H17025, H17026

N8	H17025 is:	H17026 is:	H17025 is coded as:	H17026 is coded as:	*
1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Stands as original value	Stands as original value	
2	1: Yes	Any value	Stands as original value	Stands as original value	
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	.: Missing	Stands as original value	.N: Valid skip	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 8_01:
S17009, S17010

N8_01	S17009 is:	S17010 is:	S17009 is coded as:	S17010 is coded as:	*
1	.N: Valid skip, or .C: question should be skipped	Any value	Stands as original value	Stands as original value	
2	1: Yes	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	2: No	Any value	Stands as original value	Stands as original value	
4	.: Missing	Any value	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 9:
H17028, H17029-H17031

N9	H17028 is:	H17029-H17031 are:	H17028 is coded as:	H17029 is coded as:	H17030-H17031 are coded as:	*
1	1: Yes	Any value	Stands as original value	.: Missing if –6; stands as original value otherwise	Stand as original value	F
2	2: No or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stands as original value otherwise	Stand as original value	B
3	2: No	"All are blank" or "blank or NA"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	F
4	.: Missing	"Blank or NA"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	B F
5	.: Missing	"All are blank"	Stands as original value	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 9:
Responses to H17029-H17031 are all missing.

Definition of "blank or NA" in Coding Table for Note 9:
All of the following are true: H17029 and H17031 are a combination of not applicable (-6) or missing. H17030 is either missing or 0: None.

Definition of "marked" in Coding Table for Note 9:
Any pattern of marks outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 10:
H17030, H17031

N10	H17030 is:	H17031 is:	H17030 is coded as:	H17031 is coded as:	*
1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Stands as original value	Stands as original value	
2	1-5: Specialists	0-10 or .: missing	Stands as original value	Stands as original value	
3	1-5: Specialists or .: missing	-6: Didn't see a specialist in the last 12 months	0: None	.C: Question should be skipped	B F
4	0: None	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	0-10 or .: missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 10_B1:
S17B02, S17B03-S17B04

N10_B1	S17B02 is:	S17B03-S17B04 are:	S17B02 is coded as:	S17B03-S17B04 are coded as:	*
1	1: Yes	Any value	Stands as original value	.: Missing if –6; stand as original value otherwise	F
2	2: No or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stand as original value otherwise	B F
3	2: No	"All are blank" or "blank or NA"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
4	.: Missing	"Blank or NA"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	B F
5	.: Missing	"All are blank"	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 10_B1:
Responses to S17B03-S17B04 are all missing.

Definition of "blank or NA" in Coding Table for Note 10_B1:
All of the following are true: S17B03-S17B04 are a combination of not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 10_B1:
Any pattern of marks outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 11:
H17032, H17033

N11	H17032 is:	H17033 is:	H17032 is coded as:	H17033 is coded as:	*
1	1: Yes	1-4: How often or .: missing	Stands as original value	Stands as original value	
2	1: Yes or .: missing	-6: Didn't need care, tests, or treatment	2: No	.C: Question should be skipped	B F
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	–6: Didn't need care, tests, or treatment or .: missing	Stands as original value	.N: Valid skip if missing; .C: Question should be skipped if marked	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 12:
H17034, H17035

N12	H17034 is:	H17035 is:	H17034 is coded as:	H17035 is coded as:	*
1	1: Yes	1-4: How often or .: missing	Stands as original value	Stands as original value	
2	1: Yes or .: missing	-6: Didn't look for information	2: No	.C: Question should be skipped	B F
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	-6: Didn't look for information or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 13:
H17036, H17037

N13	H17036 is:	H17037 is:	H17036 is coded as:	H17037 is coded as:	*
1	1: Yes	1-4: How often or .: missing	Stands as original value	Stands as original value	
2	1: Yes or .: missing	-6: Didn't need service or equipment	2: No	.C: Question should be skipped	B F
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	-6: Didn't need service or equipment or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 14:
H17038, H17039

N14	H17038 is:	H17039 is:	H17038 is coded as:	H17039 is coded as:	*
1	1: Yes	1-4: How often or .: missing	Stands as original value	Stands as original value	
2	1: Yes or .: missing	-6: Didn't need prescription meds	2: No	.C: Question should be skipped	B F
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	-6: Didn't need prescription meds or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 15:
H17040, H17041-H17042

N15	H17040 is:	H17041-H17042 are:	H17040 is coded as:	H17041-H17042 are coded as:	*
1	1: Yes	At least one is "marked" or "all are blank"	Stands as original value	.: Missing if –6; stand as original value otherwise	F
2	1: Yes or .: missing	"Blank or NA"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	B F
3	2: No or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stand as original value otherwise	B F
4	2: No	"All are blank" or "blank or NA"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	"All are blank"	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 15:
Responses to H17041-H17042 are all missing.

Definition of "blank or NA" in Coding Table for Note 15:
All of the following are true: H17041-H17042 are a combination of not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 15:
Any pattern of marks outside the definitions "all are blank" and "blank or NA".

Coding Table for Note 16:
H17043, H17044

N16	H17043 is:	H17044 is:	H17043 is coded as:	H17044 is coded as:	*
1	1: Yes	1-4: How often or .: missing	Stands as original value	Stands as original value	
2	1: Yes or .: missing	-6: Didn't receive forms to fill out	2: No	.C: Question should be skipped	B F
3	2: No or .: missing	1-4: How often	1: Yes	Stands as original value	B
4	2: No	-6: Didn't receive forms to fill out or .: missing	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 17:
H17045, H17046-H17047

N17	H17045 is:	H17046-H17047 are:	H17045 is coded as:	H17046-H17047 are coded as:	*
1	1: Yes	At least one is "marked", "all are blank" or "blank or don't know"	Stands as original value	.: Missing if –6; stands as original value otherwise	F
2	1: Yes, -5: don't know or .: missing	"Blank or NA" or "NA or don't know"	2: No	.N: Valid skip if missing; .C: question should be skipped if marked	B F
3	2: No, -5: don't know or .: missing	At least one is "marked"	1: Yes	.: Missing if –6; stands as original value otherwise	B F
4	2: No	None are "marked"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	-5: Don't know	"Blank or don't know" or "all are blank"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
6	.: Missing	"Blank or don't know" or "all are blank"	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 17:
Responses to H17046-H17047 are all missing.

Definition of "blank or NA" in Coding Table for Note 17:
Responses to H17046-H17047 are either all not applicable (-6) or a combination of missing and not applicable (-6).

Definition of "blank or don't know" in Coding Table for Note 17:
Responses to H17046-H17047 are either all don't know (-5) or a combination of missing and don't know (-5).

Definition of "NA or don't know" in Coding Table for Note 17:
Responses to H17046-H17047 are a combination of not applicable (-6) and don't know (-5).

Definition of "marked" in Coding Table for Note 17:
Any pattern of marks outside the definitions "all are blank," "blank or NA," "blank or don't know," or "NA or don't know".

Coding Table for Note 18:
H17053, H17054-H17056, H17057A-H17057D

N18	H17053 is:	H17054-H17056 are:	H17057A-H17057D are:	H17053 is coded as:	H17054- H17056, H17057A-H17057D are coded as:	*
1	3: Some days, 4: every day, or .: missing	Any value	Any value	Stands as original value	Stand as original value	
2	2: Not at all or -5: don't know	Any value	"All are unmarked"	Stands as original value	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
3	2: Not at all	Any value	At least one is "marked"	.: Missing	Stand as original value	B
4	-5: Don't know	Any value	At least one is "marked"	Stands as original value	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are unmarked" in Coding Table for Note 18:
Responses to H17057A-H17057D are all missing or unmarked.

Definition of "marked" in Coding Table for Note 18:
Any pattern of marks outside the definition "all are unmarked"

Coding Table for Note 19:

Note 19 (Part A)
H17058, H17059B, H17060-H17064, SEX, XSEXA

N19A	H17058 is:	SEX is:	H17059B--H17064 are:	XSEXA is coded as:
1	.: Missing	F	Any marked	2: Female
2	.: Missing	F	All missing	2: Female
3	.: Missing	M	Any marked	1: Male
4	.: Missing	M	All missing	1: Male
5	.: Missing	Z or .: missing	Any marked	2: Female
6	.: Missing	Z	All missing	.: Missing
7	.: Missing	.: Missing	All missing	.: Missing
8	1: Male	Any value	All missing	1: Male
9	1: Male	F	Any marked	2: Female
10	1: Male	M, Z, or .: missing	Any marked	1: Male
11	2: Female	Any value	Any marked	2: Female
12	2: Female	M	All missing	1: Male
13	2: Female	F, Z, or .: missing	All missing	2: Female

SEX (PNSEXCD) is the gender from the DEERS file. This variable is not used to override questionnaire responses, but to clear up any omissions or discrepancies in the responses.

XSEXA is the recoded gender variable after taking into account the self-reported response (H17058), any responses to gender-specific questions, and the gender of the sample beneficiary from DEERS.

Note 19 (Part B):
XSEXA, H17059B, H17060-H17064

N19B	XSEXA is:	H17059B--H17064 are:	H17059B--H17064 are coded as:	*
1	1: Male	"All are blank"	.N: Valid skip	F
2	1: Male	At least one is "marked"	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	2: Female	"All are blank" or at least one is "marked"	Stand as original value	
4	.: Missing	"All are blank" or at least one is "marked"	Missing value	F

* Indication of backward coding (B) or forward coding (F).

Definition of "all are blank" in Coding Table for Note 19b:
All variables H17059B--H17064 are missing.

Definition of "marked" in Coding Table for Note 19b:
Any pattern of marks outside the definition "all are blank".

Coding Table for Note 20
XSEXA, AGE, H17060, H17061

N20	XSEXA is:	AGE is:	H17060 is:	H17061 is:	H17060 is coded as:	H17061 is coded as:	*
1	1: Male	Any value	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Stands as original value	Stands as original value	
2	2: Female	Any value	2: 40 or over	Any value	Stands as original value	Stands as original value	
3	2: Female	Any value	1: Under 40	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
4	2: Female	Any value	.: Missing	Marked	2: >= 40	Stands as original value	B
5	2: Female	< 40	.: Missing	.: Missing	1: < 40	.N: Valid skip	F B
6	2: Female	>=40	.: Missing	.: Missing	2: >= 40	Stands as original value	B
7	2: Female	.: Missing	.: Missing	.: Missing	Stands as original value	Stands as original value	
8	.: Missing	Any value	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

AGE (DAGEQY) is from the DEERS file. This variable is not used to override questionnaire responses, but to clear up any omissions or discrepancies in the responses.

Coding Table for Note 21:
XSEXA, H17062-H17064

N21	XSEXA is:	H17062 is:	H17063 is:	H17064 is:	H17062 is coded as:	H17063 is coded as:	H17064 is coded as:	*
1	1: Male	Any value	Any value	Any value	Stands as original value	Stands as original value	Stands as original value	
2	2: Female	1: Pregnant now	1: First trimester	Any value	Stands as original value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	2: Female	1: Pregnant now	2: Second trimester	2: Third trimester	Stands as original value	Stands as original value	.: Missing	F
4	2: Female	1: Pregnant now	2: Second trimester	4: First trimester, 3: second trimester, 1: did not receive prenatal care, or .: missing	Stands as original value	Stands as original value	Stands as original value	
5	2: Female	1: Pregnant now	3: Third trimester or .: missing	Any value	Stands as original value	Stands as original value	Stands as original value	
6	2: Female	2: Pregnant in last 12 months	Any value	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	Stands as original value	F
7	2: Female	3: Not pregnant in past 12 months	Any value	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	.N: Valid skip if missing; .C: question should be skipped if marked	F
8	2: Female	.: Missing	1: First trimester	Any value	1: Pregnant now	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	B F
9	2: Female	.: Missing	2: Second trimester	2: Third trimester	1: Pregnant now	Stands as original value	.: Missing	B F
10	2: Female	.: Missing	2: Second trimester	4: First trimester, 3: second trimester, 1: did not receive prenatal care, or .: missing	1: Pregnant now	Stands as original value	Stands as original value	B
11	2: Female	.: Missing	3: Third trimester	Any value	1: Pregnant now	Stands as original value	Stands as original value	B
12	2: Female	.: Missing	.: Missing	Any value	Stands as original value	Stands as original value	Stands as original value	F
13	.: Missing	.: Missing	Marked or .: missing	Any value	Stands as original value	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F)

Coding Table for Note 22:
H17067, H17068

N22	H17067 is:	H17068 is:	H17067 is coded as:	H17068 is coded as:	*
1	1: Yes	Any value	Stands as original value	Stands as original value	
2	2: No or .: missing	1: Yes or 2: no	1: Yes	Stands as original value	B
3	2: No	.: Missing	Stands as original value	.N: Valid skip	F
4	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 23:
H17069, H17070

N23	H17069 is:	H17070 is:	H17069 is coded as:	H17070 is coded as:	*
1	1: Yes	Any value	Stands as original value	Stands as original value	
2	2: No or .: missing	1: Yes or 2: no	1: Yes	Stands as original value	B
3	2: No	.: Missing	Stands as original value	.N: Valid skip	F
4	.: Missing	.: Missing	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 23_HT:
XSEXA, H17071F, H17071I

N23_HT	XSEXA is:	H17071F and H17071I are:	H17071F and H17071I are coded as:	*
1	1: Male or 2: female	"Height within range for gender" or .: missing	Stands as original value	
2	1: Male or 2: female	"Height out of range for gender"	.O: Out of range	F
3	.: Missing	"Height within range for either gender" or .: missing	Stands as original value	
4	.: Missing	"Height out of range for either gender"	.O: Out of range	F

* Indication of backward coding (B) or forward coding (F).

Definition of "Height within range for gender" in Coding Table for Note 23_HT:
From 2006 NHIS, height for men is 63"-76" (5'3"-6'4"), height for woman is 59"-70" (4'11"-5'10").

Definition of "Height out of range for gender" in Coding Table for Note 23_HT:
Any height outside the definition of "Height within range for gender".

Definition of "Height within range for either gender" in Coding Table for Note 23_HT:
Use lowest and highest height from either gender to set range: 59"-76" (4'11"- 6'4").

Definition of "Height out of range for either gender" in Coding Table for Note 23_HT:
Any height outside the definition of "Height within range for either gender".

Coding Table for Note 23_WT:
XSEXA, H17072

N23_WT	XSEXA is:	H17072 is:	H17072 is coded as:	*
1	1: Male or 2: female	"Weight within range for gender" or .: missing	Stands as original value	
2	1: Male or 2: female	"Weight out of range for gender"	.O: Out of range	F
3	.: Missing	"Weight within range for either gender" or .: missing	Stands as original value	
4	.: Missing	"Weight out of range for either gender"	.O: Out of range	F

* Indication of backward coding (B) or forward coding (F).

Definition of "Weight within range for gender" in Coding Table for Note 23_WT:
From 2006 NHIS, weight for men is 126-299 pounds, weight for woman is 100-274 pounds.

Definition of "Weight out of range for gender" in Coding Table for Note 23_WT:
Any height outside the definition of "Weight within range for gender".

Definition of "Weight within range for either gender" in Coding Table for Note 23_WT:
Use lowest and highest weight from either gender to set range: 100-299 pounds.

Definition of "Weight out of range for either gender" in Coding Table for Note 23_WT:
Any height outside the definition of "Weight within range for either gender".

Coding Table for Note 24:
H17073, H17073A-H17073E

N24	H17073A is:	H17073B is:	H17073C is:	H17073D is:	H17073E is:	H17073 is coded as:	H17073A-E are coded as:	*
1	Any value	1: Marked	Any value	Any value	Any value	2: Yes, Mexican, Mexican American, Chicano	Stand as original value	F
2	Any value	2: Unmarked	Any value	Any value	1: Marked	5: Yes, other Spanish, Hispanic, or Latino	Stand as original value	F
3	Any value	2: Unmarked	1: Marked	Any value	2: Unmarked	3: Yes, Puerto Rican	Stand as original value	F
4	Any value	2: Unmarked	2: Unmarked	1: Marked	2: Unmarked	4: Yes, Cuban	Stand as original value	F
5	1: Marked	2: Unmarked	2: Unmarked	2: Unmarked	2: Unmarked	1: No, not Spanish, Hispanic, or Latino	Stand as original value	F
6	2: Unmarked	2: Unmarked	2: Unmarked	2: Unmarked	2: Unmarked	.: Missing	Stand as original value	F

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 25:
H17074, H17075-H17079

N25	H17074 is:	H17075-H17079 are:	H17074 is coded as:	H17075-H17079 are coded as:	*
1	1: Yes	Any value	Stands as original value	Stand as original value	
2	2: No or -5: don't know	"All are uncovered/unknown"	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	2: No, -5: don't know, or .: missing	At least one is "covered"	1: Yes	Stand as original value	B
4	.: Missing	"All are uncovered/unknown"	Stands as original value	Stand as original value	

* Indication of backward coding (B) or forward coding (F).

Definition of "all are uncovered/unknown" in Coding Table for Note 25:
Responses to H17075-H17079 are all 2: no, -5: don't know, or missing.

Definition of "covered" in Coding Table for Note 25:
Any pattern of marks outside the definition "all are uncovered/unknown".

APPENDIX E

SAS PROC CONTENTS—ALPHABETICAL 2017 ADULT HCSDB – QUARTER I

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The CONTENTS Procedure

Data Set Name	IN.HCS171_1		Observations	9120
Member Type	DATA		Variables	314
Engine	V9		Indexes	0
Created	04/24/2017 22:18:46		Observation Length	1808
Last Modified	04/24/2017 22:18:46		Deleted Observations	0
Protection			Compressed	NO
Data Set Type			Sorted	NO
Label				
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64			
Encoding	latin1 Western (ISO)			

Engine/Host Dependent Information

Data Set Page Size	131072
Number of Data Set Pages	128
First Data Page	1
Max Obs per Page	72
Obs in First Data Page	42
Number of Data Set Repairs	0
Filename	/sasdata/Projects/40309_HCS/DATA/HCSDB/Q1FY2017/Data/AFinal/hcs171_1.sas7bdat
Release Created	9.0401M3
Host Created	Linux
Inode Number	828501352
Access Permission	rw-rw----
Owner Name	mturbyfill@mathematica.net
File Size	16MB
File Size (bytes)	16908288

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
19	ACV	Char	1	$ACV2_.		Alternate Care Value
13	BWT	Num	8			BWT - Basic Sampling Weight
10	D_HEALTH	Char	2	$DHEALTH.		Health Service Region
20	DBENCAT	Char	3	$BENCAT.		Beneficiary Category
248	DOM_INTL	Char	1	$DOM_INT.	$1.	Domestic or international address
21	DSPONSVC	Char	1	$SPONSVC.		Derived Sponsor Branch of Service
171	DUPFLAG	Char	3			Multiple Response Indicator
175	EMAILRES	Char	25	$EMAILR.	$100.	Email response
6	ENBGSMPL	Char	2	$ENBGS.		Enrollment by beneficiary category
170	FLAG_FIN	Char	5	$FINAL.		Final Disposition
177	FLTYPE	Num	8	FL_TYPE.	8.	Experimental cover letter group
172	FNSTATUS	Num	8	FNSTATS.		Final Status
314	FWRWT	Num	8			Final NEW Weight
254	FWRWT1	Num	8			Replicated/JackKnife NEW Weight 1
255	FWRWT2	Num	8			Replicated/JackKnife NEW Weight 2
256	FWRWT3	Num	8			Replicated/JackKnife NEW Weight 3
257	FWRWT4	Num	8			Replicated/JackKnife NEW Weight 4
258	FWRWT5	Num	8			Replicated/JackKnife NEW Weight 5
259	FWRWT6	Num	8			Replicated/JackKnife NEW Weight 6
260	FWRWT7	Num	8			Replicated/JackKnife NEW Weight 7
261	FWRWT8	Num	8			Replicated/JackKnife NEW Weight 8
262	FWRWT9	Num	8			Replicated/JackKnife NEW Weight 9
263	FWRWT10	Num	8			Replicated/JackKnife NEW Weight 10
264	FWRWT11	Num	8			Replicated/JackKnife NEW Weight 11
265	FWRWT12	Num	8			Replicated/JackKnife NEW Weight 12
266	FWRWT13	Num	8			Replicated/JackKnife NEW Weight 13
267	FWRWT14	Num	8			Replicated/JackKnife NEW Weight 14
268	FWRWT15	Num	8			Replicated/JackKnife NEW Weight 15
269	FWRWT16	Num	8			Replicated/JackKnife NEW Weight 16
270	FWRWT17	Num	8			Replicated/JackKnife NEW Weight 17
271	FWRWT18	Num	8			Replicated/JackKnife NEW Weight 18
272	FWRWT19	Num	8			Replicated/JackKnife NEW Weight 19
273	FWRWT20	Num	8			Replicated/JackKnife NEW Weight 20
274	FWRWT21	Num	8			Replicated/JackKnife NEW Weight 21
275	FWRWT22	Num	8			Replicated/JackKnife NEW Weight 22
276	FWRWT23	Num	8			Replicated/JackKnife NEW Weight 23

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277   FWRWT24     Num    8                          Replicated/JackKnife NEW Weight 24
278   FWRWT25     Num    8                          Replicated/JackKnife NEW Weight 25
279   FWRWT26     Num    8                          Replicated/JackKnife NEW Weight 26
280   FWRWT27     Num    8                          Replicated/JackKnife NEW Weight 27
281   FWRWT28     Num    8                          Replicated/JackKnife NEW Weight 28
282   FWRWT29     Num    8                          Replicated/JackKnife NEW Weight 29
283   FWRWT30     Num    8                          Replicated/JackKnife NEW Weight 30
284   FWRWT31     Num    8                          Replicated/JackKnife NEW Weight 31
285   FWRWT32     Num    8                          Replicated/JackKnife NEW Weight 32
286   FWRWT33     Num    8                          Replicated/JackKnife NEW Weight 33
287   FWRWT34     Num    8                          Replicated/JackKnife NEW Weight 34
288   FWRWT35     Num    8                          Replicated/JackKnife NEW Weight 35
289   FWRWT36     Num    8                          Replicated/JackKnife NEW Weight 36
290   FWRWT37     Num    8                          Replicated/JackKnife NEW Weight 37
291   FWRWT38     Num    8                          Replicated/JackKnife NEW Weight 38
292   FWRWT39     Num    8                          Replicated/JackKnife NEW Weight 39
293   FWRWT40     Num    8                          Replicated/JackKnife NEW Weight 40
294   FWRWT41     Num    8                          Replicated/JackKnife NEW Weight 41
295   FWRWT42     Num    8                          Replicated/JackKnife NEW Weight 42
296   FWRWT43     Num    8                          Replicated/JackKnife NEW Weight 43
297   FWRWT44     Num    8                          Replicated/JackKnife NEW Weight 44
298   FWRWT45     Num    8                          Replicated/JackKnife NEW Weight 45
299   FWRWT46     Num    8                          Replicated/JackKnife NEW Weight 46
300   FWRWT47     Num    8                          Replicated/JackKnife NEW Weight 47
301   FWRWT48     Num    8                          Replicated/JackKnife NEW Weight 48
302   FWRWT49     Num    8                          Replicated/JackKnife NEW Weight 49
303   FWRWT50     Num    8                          Replicated/JackKnife NEW Weight 50
304   FWRWT51     Num    8                          Replicated/JackKnife NEW Weight 51
305   FWRWT52     Num    8                          Replicated/JackKnife NEW Weight 52
306   FWRWT53     Num    8                          Replicated/JackKnife NEW Weight 53
307   FWRWT54     Num    8                          Replicated/JackKnife NEW Weight 54
308   FWRWT55     Num    8                          Replicated/JackKnife NEW Weight 55
309   FWRWT56     Num    8                          Replicated/JackKnife NEW Weight 56
310   FWRWT57     Num    8                          Replicated/JackKnife NEW Weight 57
311   FWRWT58     Num    8                          Replicated/JackKnife NEW Weight 58
312   FWRWT59     Num    8                          Replicated/JackKnife NEW Weight 59
313   FWRWT60     Num    8                          Replicated/JackKnife NEW Weight 60
 24   H17001      Num    4    YN.                   Are you the person listed on envelope
 44   H17003      Num    4    HPLAN1_.              Which health plan did you use most
 45   H17004      Num    4    HPTIME.               Yrs in a row with health plan
 46   H17005      Num    4    PLACE.                In lst yr:fclty use most for health care
 47   H17006      Num    4    YN.                   In lst yr:ill/injry/cond care right away
 48   H17007      Num    4    OFTEN2_.              In lst yr:get urgnt care as soon as wntd
 49   H17008      Num    4    TIME1_.               In lst yr:wait btwn try get care,see prv
 50   H17009      Num    4    YN.                   In lst yr:make appts non-urgnt hlth care
 51   H17010      Num    4    OFTEN3_.              In lst yr:non-urg hlth cre appt whn wntd
 52   H17011      Num    4    TIME2_.               In lst yr:days btwn appt & see prvder
 53   H17012      Num    4    OFTEN4_.              In lst yr:go to emrgncy rm for own care
 54   H17013      Num    4    OFTEN4_.              In lst yr:go to Dr office/clinic for care
 55   H17014      Num    4    OFTEN8_.              Lst yr: how often talk to doctor about
                                                    illness prvntn
 56   H17015      Num    4    YN.                   Lst yr: did doctor tell you more than 1
                                                    choice for trtmnt
 57   H17016      Num    4    YNDEF.                Lst yr: did talk to doctor about pros/cons
                                                    of trtmnt
 58   H17017      Num    4    YNDEF.                Lst yr: did doctor ask which trtmnt option
                                                    best for you
 59   H17018      Num    4    RATE3_.               Rating of all health care in lst yr
 60   H17019      Num    4    YN.                   Have one person think of as personal Dr
 61   H17020      Num    4    OFTEN10_.             Lst yr: how often visit prsnl doctor for
                                                    care for yourself
 62   H17021      Num    4    OFTEN5_.              Lst yr: how oftn Drs listen to you
 63   H17022      Num    4    OFTEN5_.              Lst yr: how oftn Drs explain things
 64   H17023      Num    4    OFTEN5_.              Lst yr: how oftn Drs show respect
 65   H17024      Num    4    OFTEN5_.              Lst yr: how oftn Drs spend enough time
 66   H17025      Num    4    YN.                   Lst yr: did get care from doctor other than
                                                    prsnl doctor
 67   H17026      Num    4    OFTEN8_.              Lst yr: how often prsnl doctor seemed infrmd
                                                    of care from other doctors
 68   H17027      Num    4    RATE6_.               Rating of your personal Dr
 69   H17028      Num    4    YN.                   Lst yr: did make any appointments to see
                                                    spclst
 70   H17029      Num    4    OFTEN9_.              Lst yr: how often easy to get appointments
                                                    with spclsts
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71    H17030    Num    4    SPCLST.        Lst yr: how many spclsts seen
72    H17031    Num    4    RATE2_.        Rating of specialist seen in lst yr
73    H17032    Num    4    YN.            Lst yr: did try to get care, test, or trtmnt
                                           through health plan
74    H17033    Num    4    OFTEN11_.      Lst yr: how often easy to get care, test, or
                                           trtmnt
75    H17034    Num    4    YN.            Lst yr: did look for info from written
                                           material/Internet
76    H17035    Num    4    OFTEN12_.      Lst yr: how often written material/Internet
                                           provide needed info
77    H17036    Num    4    YN.            Lst yr: did look for info from health plan
                                           on cost of service/equipment
78    H17037    Num    4    OFTEN13_.      Lst yr: how often able to find out cost of
                                           service/equipment
79    H17038    Num    4    YN.            Lst yr: did look for info from health plan
                                           on cost of prescription meds
80    H17039    Num    4    OFTEN14_.      Lst yr: how often able to find out cost of
                                           prescription meds
81    H17040    Num    4    YN.            Lst yr: did try to get info/help from health
                                           plan's cstmr service
82    H17041    Num    4    OFTEN15_.      Lst yr: how often did cstmr service give
                                           needed info/help
83    H17042    Num    4    OFTEN15_.      Lst yr: how often did cstmr service treat
                                           with courtesy/respect
84    H17043    Num    4    YN.            Lst yr: did health plan give any forms to
                                           fill out
85    H17044    Num    4    OFTEN16_.      Lst yr: how often were forms easy to fill
                                           out
86    H17045    Num    4    YNDNK.         Lst yr: send in any claims
87    H17046    Num    4    OFTEN6_.       Lst yr: how often did health plan handle
                                           claims quickly
88    H17047    Num    4    OFTEN6_.       Lst yr: how oftn handle claims correctly
89    H17048    Num    4    RATE4_.        Rating of all experience with hlth plan
90    H17049    Num    4    TIME5_.        Blood pressure: when lst reading
91    H17050    Num    4    YNBP_.         Blood pressure: know if too high or not
92    H17051    Num    4    TIME7_.        When did you lst have a flu shot
93    H17052    Num    4    YNDNK.         Smoked at least 100 cigarettes in life
94    H17053    Num    4    TIME8_.        Smoke or use tobacco everyday, some days or
                                           not at all
95    H17054    Num    4    OFTEN8_.       Lst yr: how often advised to quit smoking or
                                           use tobacco
96    H17055    Num    4    OFTEN8_.       Lst yr: how often recom medic assist quit
                                           smoking or using tobacco
97    H17056    Num    4    OFTEN8_.       Lst yr: how often discu meth/strag asst quit
                                           smoking or using tobacco
102   H17058    Num    4    SEX.           Are you male or female
104   H17060    Num    4    YN.            Are you under age 40
105   H17061    Num    4    TIME12_.       Lst time: breasts checked mammography
106   H17062    Num    4    YNPREG.        Been pregnant in lst yr or pregnant now
107   H17063    Num    4    PREG1_.        In what trimester is your pregnancy
108   H17064    Num    4    PREG2_.        Trimester first received prenatal care
109   H17065    Num    4    HEALTH.        In gnrl, how would you rate ovrall hlth
110   H17066    Num    4    YN.            Impairment/Hlth prblm limit activities
111   H17067    Num    4    YN.            Lst yr: have seen doctor 3 or more times for
                                           same condition
112   H17068    Num    4    YN.            Has condition lasted for at least 3 months
113   H17069    Num    4    YN.            Need to take medicine prescribed by a doctor
114   H17070    Num    4    YN.            Medicine to treat condition that has lasted
                                           for at least 3 months
117   H17072    Num    4    TIME14_.       Weight without shoes
119   H17073    Num    4    HISP.          Are you Spanish/Hispanic/Latino
131   H17074    Num    4    YNDNK.         Currently Covered Medicare
132   H17075    Num    4    MEDA.          Currently Covered Medicare Part A
133   H17076    Num    4    MEDB.          Currently Covered Medicare Part B
134   H17077    Num    4    YNDNK.         Enrolled Medicare Advantage
135   H17078    Num    4    MEDSUPP.       Currently Covered Medicare Supplemental
136   H17079    Num    4    YNDNK.         Enrolled Medicare Part D
25    H17002A   Num    4    MARKED.        Health plan(s) covered: TRICARE Prime
26    H17002C   Num    4    MARKED.        Health plan(s) covered: TRICARE Ext/Stnd
36    H17002F   Num    4    MARKED.        Health plan(s) covered: Medicare
37    H17002G   Num    4    MARKED.        Health plan(s) covered: FEHBP
38    H17002H   Num    4    MARKED.        Health plan(s) covered: Medicaid
39    H17002I   Num    4    MARKED.        Health plan(s) covered: civilian HMO
40    H17002J   Num    4    MARKED.        Health plan(s) covered: other civilian
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 34    H17002K     Num    4    MARKED.             Health plan(s) covered: USFHP
 43    H17002L     Num    4    MARKED.             Health plan(s) covered: not sure
 41    H17002M     Num    4    MARKED.             Health plan(s) covered: veterans
 27    H17002N     Num    4    MARKED.             Health plan(s) covered: TRICARE Plus
 28    H17002O     Num    4    MARKED.             Health plan(s) covered: TRICARE For Life
 29    H17002P     Num    4    MARKED.             Health plan(s) covered: TRICARE Supplmntl
                                                   Ins
 30    H17002Q     Num    4    MARKED.             Health plan(s) covered: TRICARE Reserve
                                                   Select
 42    H17002R     Num    4    MARKED.             Health plan(s) covered: gov hlth ins-other
                                                   cntry
 31    H17002S     Num    4    MARKED.             Health plan(s) covered: TRICARE Retired
                                                   Reserve
 32    H17002T     Num    4    MARKED.             Health plan(s) covered: TRICARE Young Adult
                                                   Prime
 35    H17002U     Num    4    MARKED.             Health plan(s) covered: CHCBP
 33    H17002V     Num    4    MARKED.             Health plan(s) covered: TRICARE Young Adult
                                                   Ex or Standard
 98    H17057A     Num    4    MARKED.             Do you smoke or use: cigarettes
 99    H17057B     Num    4    MARKED.             Do you smoke or use: dip, chewing tobacco,
                                                   snuff, or snus
100    H17057C     Num    4    MARKED.             Do you smoke or use: cigars
101    H17057D     Num    4    MARKED.             Do you smoke or use: pipes, bidis, or
                                                   kreteks
103    H17059B     Num    4    TIME16_.            Lst have a Pap smear test
115    H17071F     Num    4    TIME14_.            Height without shoes (feet)
116    H17071I     Num    4    TIME14_.            Height without shoes (inches)
120    H17073A     Num    4    MARKED.             Not Spanish/Hispanic/Latino
121    H17073B     Num    4    MARKED.             Mexican, Mexican American, Chicano
122    H17073C     Num    4    MARKED.             Puerto Rican
123    H17073D     Num    4    MARKED.             Cuban
124    H17073E     Num    4    MARKED.             Other Spanish, Hispanic, or Latino
242    HP_BP       Num    8    HAYNN2_.            Bld prsre chck in last 2 yrs,know rslts
247    HP_CESH3    Num    8    SMOKE.              Had smoking cessation counseling - HEDIS
                                                   (modified)
243    HP_FLU      Num    8    HAYNN.              65 and older, flu shot in last 12 mnths
240    HP_MAM50    Num    8    HAYNN.              Women 50>=, mammography in pst 2 yrs
239    HP_MAMOG    Num    8    HAYNN.              Women 40>=, mammography in pst 2 yrs
244    HP_OBESE    Num    8    HAYNN.              Obese/Morbidly obese
241    HP_PAP      Num    8    HAYNN.              All women, Pap smear in last 3 yrs
238    HP_PRNTL    Num    8    PRNTL.              Prgnt in lst yr, receivd cre 1st trimstr
246    HP_SMKH3    Num    8    SMOKE.              Smoker under HEDIS definition (modified)
245    HP_SMOKE    Num    8    HAYNN.              Advised to quit smoking in last 12 mnths
  5    JSFLAG      Num    3    JSFLAG.             Joint Service Flag
237    KCIVINS     Num    8    HAYNN2_.            Beneficiary coverd by civilian insurance
236    KCIVOPQY    Num    8    HAGRID.             Outpat. visits-use Civilian fclty most
173    KEYCOUNT    Num    8                        # Key Questions Answered
235    KMILOPQY    Num    8    HAGRID.             Outpat. visits-use Military fclty most
249    LTR_TYPE    Num    8    LET_TYPE.   8.      Letter group for this participant
212    MISS_1      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): violates skip pattern
213    MISS_4      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): incomplete grid error
214    MISS_5      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): scalable reponse of don't know
215    MISS_6      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): not applicable - valid skip
216    MISS_7      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): out-of-range error
217    MISS_9      Num    8    HAMISS.             Count of original survey responses (pre-
                                                   cleaning): no response - invalid skip
218    MISS_TOT    Num    8    HAMISS.             Total number of missing responses (pre-
                                                   cleaning)
  7    MPCSMPL     Num    8    MPCSMPL.            MPCSMPL - Military Personnel Category
  1    MPRID       Char   8    $8.         $8.     Unique MPR Identifier
178    N1          Num    8                        Coding Scheme Note 1
179    N2          Num    8                        Coding Scheme Note 2
180    N3          Num    8                        Coding Scheme Note 3
181    N4          Num    8                        Coding Scheme Note 4
182    N5          Num    8                        Coding Scheme Note 5
187    N6          Num    8                        Coding Scheme Note 6
188    N7          Num    8                        Coding Scheme Note 7
189    N8          Num    8                        Coding Scheme Note 8
191    N9          Num    8                        Coding Scheme Note 9
```

192	N10	Num	8		Coding Scheme Note 10
194	N11	Num	8		Coding Scheme Note 11
195	N12	Num	8		Coding Scheme Note 12
196	N13	Num	8		Coding Scheme Note 13
197	N14	Num	8		Coding Scheme Note 14
198	N15	Num	8		Coding Scheme Note 15
199	N16	Num	8		Coding Scheme Note 16
200	N17	Num	8		Coding Scheme Note 17
201	N18	Num	8		Coding Scheme Note 18
204	N20	Num	8		Coding Scheme Note 20
205	N21	Num	8		Coding Scheme Note 21
206	N22	Num	8		Coding Scheme Note 22
207	N23	Num	8		Coding Scheme Note 23
210	N24	Num	8		Coding Scheme Note 24
211	N25	Num	8		Coding Scheme Note 25
193	N10_B1	Num	8		Coding Scheme Note 10_B1
202	N19A	Num	8		Coding Scheme Note 19A
203	N19B	Num	8		Coding Scheme Note 19B
208	N23_HT	Num	8		Coding Scheme Note 23_HT
209	N23_WT	Num	8		Coding Scheme Note 23_WT
183	N5_BI1	Num	8		Coding Scheme Note 5_BI1
184	N5_BI2	Num	8		Coding Scheme Note 5_BI2
185	N5_BI3	Num	8		Coding Scheme Note 5_BI3
186	N5_BI4	Num	8		Coding Scheme Note 5_BI4
190	N8_01	Num	8		Coding Scheme Note 8_01
8	NHFF	Num	8		NHFF - Stratum Sample Size
169	ONTIME	Char	3		Responded Within 8 weeks of Mail-Out
229	OUTCATCH	Num	8	OCATCH.	Out of catchment area indicator
22	PATCAT	Char	7	$AGGBCAT.	Aggregated Beneficiary Category
18	PCM	Char	3	$PCM.	Primary Manager Code (CIV or MIL)
15	PNSEXCD	Char	1	$SEXCD.	Person Gender
23	PNTYPCD	Char	1	$PNTYPCD.	Person Type Code
253	POSTCELL	Char	5		ps cell for new wts - for all 3 quarters
251	QAIRE	Num	8	QAIRE. 8.	Paper survey or letter only
9	QUARTER	Char	8		Survey Quarter
14	RACEETHN	Char	1	$RACECD.	Race/Ethnic Code
16	RDAGEQY	Num	3	AGE_R.	Age at sampling-Capped(18 and below, 86 and above)
17	RFLDAGE	Num	3	AGE_R.	Age at fielding-Capped(18 and below, 86 and above)
250	RMDR_FLG	Num	8	REMINDER. 8.	Reminder letter for this participant
137	S17009	Num	4	YN.	Same prsnl doctor/nurse before this hlth plan
138	S17010	Num	4	PROB1_.	Prblm getting prsnl doctor/nurse you are happy with
139	S17011	Num	4	AGREE2_.	Agree/disagree: able to see provider when needed
140	S17014	Num	4	SATISFY.	How satisfied with health care during last visit
141	S17B01	Num	4	MNTLHLTH.	Self rate of overall mental/emotional health
142	S17B02	Num	4	YN.	Lst yr: needed treatmnt/cnslng-prsnl prob
143	S17B03	Num	4	PROB1_.	Lst yr: prblm gttng needed treatmnt/cnslng
144	S17B04	Num	4	RATE5_.	Lst yr: rate of treatmnt/cnslng received
145	S17BI01	Num	4	YN.	In last 6 mos, did you need care right away in an urgent care center, ER, or doctor's office?
151	S17BI03	Num	4	DSAGR4_.	Urgent care center: Location is more convenient than my normal place of care
152	S17BI04	Num	4	DSAGR4_.	Urgent care center: Urgent care was low cost or no cost to me
153	S17BI05	Num	4	DSAGR4_.	Urgent care center: Urgent care was faster than making an appt with my primary care provider
154	S17BI06	Num	4	DSAGR4_.	Urgent care center: I could just walk in for care without an appt
155	S17BI07	Num	4	DSAGR4_.	Urgent care center: I trust the urgent care center provider(s)
156	S17BI08	Num	4	DSAGR4_.	Urgent care center: The urgent care center would process my TRICARE claim without problems
157	S17BI09	Num	4	DSAGR4_.	Urgent care center: Would have used appt with regular provider if had been available
158	S17BI10	Num	4	DSAGR4_.	Urgent care center: I wanted to avoid the wait at a hospital ER

159	S17BI11	Num	4	DSAGR4_.	Urgent care center: The location is more convenient than the hospital ER
160	S17BI12	Num	4	DSAGR4_.	Urgent care center: My condition was not a medical emergency requiring a hospital ER
161	S17BI13	Num	4	DSAGR4_.	Urgent care center: Normal place of care was not open
162	S17BI14	Num	4	DSAGR4_.	Urgent care center: I thought it would take less time than at my usual place of care
163	S17BI15	Num	4	S17BI15_.	Urgent care center, did you or someone else call a nurse advice line before going to urgent care
164	S17BI16	Num	4	YNDNK.	Did the nurse advise you to seek urgent care?
165	S17BI17	Num	4	YNDNK.	Urgent care center, did the health care providers advise you to seek care in a hospital ER?
166	S17BI18	Num	4	YNDNK.	Did you seek care at a hospital ER?
167	S17BI19	Num	4	S17BI19_.	On most recent visit to urgent care center, what was the main reason you went?
168	S17BI20	Num	4	RATE_URG.	What number would you use to rate your care during this urgent care center visit?
146	S17BI02A	Num	4	MARKED.	In last 6 mos, when you needed care right away, did you go to an urgent care center?
147	S17BI02B	Num	4	MARKED.	In last 6 mos, when you needed care right away, did you go to a hospital ER?
148	S17BI02C	Num	4	MARKED.	In last 6 mos, when you needed care right away, did you go to a doctor's office?
149	S17BI02D	Num	4	MARKED.	In last 6 mos, when you needed care right away, did you go someplace else?
150	S17BI02E	Num	4	MARKED.	In last 6 mos, I didn't need care right away for an illness, injury, or condition
12	SERVAFF	Char	1	$SERVAFF. $1.	Service Affiliation
3	SEXSMPL	Num	8	SEX.	SEXSMPL – Sex
130	SRAGE	Num	4	AGEGRP.	What is your age now
118	SREDA	Num	4	EDUC.	Highest grade completed
125	SRRACEA	Num	4	MARKED.	Race: White
126	SRRACEB	Num	4	MARKED.	Race: Black or African American
127	SRRACEC	Num	4	MARKED.	Race: American Indian or Alaska Native
128	SRRACED	Num	4	MARKED.	Race: Asian
129	SRRACEE	Num	4	MARKED.	Race: Native Hawaiian/other Pacific Isl.
4	STRATUM	Char	7		Sampling STRATUM
176	SURVTYPE	Num	8	SURVTYPE.	Web or Mail Survey
2	SVCSMPL	Num	8	SVCSMPL.	SVCSMPL – Branch of Service
11	TNEXREG	Char	1	$TNEXREG.	TNEX Region – Based on Address
227	USA	Num	3	USAMHS.	USA – USA/OCONUS Indicator
174	WEB	Num	8	WEB.	Web survey indicator
222	XBENCAT	Num	8	XBENCAT.	Beneficiary Category
231	XBMI	Num	8		Body Mass Index
232	XBMICAT	Num	3	XBMICAT.	Body Mass Index Category
233	XBNFGRP	Num	8	XBGC_S.	Beneficiary Group
252	XCATCH	Num	8	CACR.	XCATCH – Catchment Area (Reporting)
220	XENR_PCM	Num	8	PCM.	Enrollment by PCM type
223	XENR_RSV	Num	8	XENRRSV.	Enrollment by PCM type – Reservist
219	XENRLLMT	Num	8	ENROLL.	Enrollment in TRICARE Prime
221	XINS_COV	Num	8	INSURE.	Insurance Coverage
224	XINS_RSV	Num	8	XINSRSV.	Insurance Coverage – Reservist
228	XOCONUS	Num	3	XOCONUS.	Overseas Europe/Pacific/Latin Indicator
225	XREGION	Num	3	CREG.	XREGION – Region
234	XSERVAFF	Num	3	XSERVAFF.	Service Affiliation
230	XSEXA	Num	8	HASEX.	Male or Female – R
226	XTNEXREG	Num	3	TNEX.	TNEX Region – Based on Location of Health Services

APPENDIX F

SAS PROC CONTENTS—CREATION ORDER 2017 ADULT HCSDB –QUARTER I

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The CONTENTS Procedure

Data Set Name          IN.HCS171_1                          Observations            9120
Member Type            DATA                                 Variables               314
Engine                 V9                                   Indexes                 0
Created                04/24/2017 22:18:46                  Observation Length      1808
Last Modified          04/24/2017 22:18:46                  Deleted Observations    0
Protection                                                  Compressed              NO
Data Set Type                                               Sorted                  NO
Label
Data Representation  SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64
Encoding               latin1  Western (ISO)


                           Engine/Host Dependent Information

Data Set Page Size         131072
Number of Data Set Pages   128
First Data Page            1
Max Obs per Page           72
Obs in First Data Page     42
Number of Data Set Repairs 0
Filename               /sasdata/Projects/40309_HCS/DATA/HCSDB/Q1FY2017/Data/AFinal/hcs171_1.sas7bdat
Release Created            9.0401M3
Host Created               Linux
Inode Number               828501352
Access Permission          rw-rw----
Owner Name                 mturbyfill@mathematica.net
File Size                  16MB
File Size (bytes)          16908288
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The CONTENTS Procedure

Variables in Creation Order

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  #   Variable   Type    Len    Format       Informat    Label

  1   MPRID      Char     8     $8.          $8.         Unique MPR Identifier
  2   SVCSMPL    Num      8     SVCSMPL.                 SVCSMPL - Branch of Service
  3   SEXSMPL    Num      8     SEX.                     SEXSMPL - Sex
  4   STRATUM    Char     7                              Sampling STRATUM
  5   JSFLAG     Num      3     JSFLAG.                  Joint Service Flag
  6   ENBGSMPL   Char     2     $ENBGS.                  Enrollment by beneficiary category
  7   MPCSMPL    Num      8     MPCSMPL.                 MPCSMPL - Military Personnel Category
  8   NHFF       Num      8                              NHFF - Stratum Sample Size
  9   QUARTER    Char     8                              Survey Quarter
 10   D_HEALTH   Char     2     $DHEALTH.                Health Service Region
 11   TNEXREG    Char     1     $TNEXREG.                TNEX Region - Based on Address
 12   SERVAFF    Char     1     $SERVAFF.    $1.         Service Affiliation
 13   BWT        Num      8                              BWT - Basic Sampling Weight
 14   RACEETHN   Char     1     $RACECD.                 Race/Ethnic Code
 15   PNSEXCD    Char     1     $SEXCD.                  Person Gender
 16   RDAGEQY    Num      3     AGE_R.                   Age at sampling-Capped(18 and below, 86 and
                                                         above)
 17   RFLDAGE    Num      3     AGE_R.                   Age at fielding-Capped(18 and below, 86 and
                                                         above)
 18   PCM        Char     3     $PCM.                    Primary Manager Code (CIV or MIL)
 19   ACV        Char     1     $ACV2_.                  Alternate Care Value
 20   DBENCAT    Char     3     $BENCAT.                 Beneficiary Category
 21   DSPONSVC   Char     1     $SPONSVC.                Derived Sponsor Branch of Service
 22   PATCAT     Char     7     $AGGBCAT.                Aggregated Beneficiary Category
 23   PNTYPCD    Char     1     $PNTYPCD.                Person Type Code
 24   H17001     Num      4     YN.                      Are you the person listed on envelope
 25   H17002A    Num      4     MARKED.                  Health plan(s) covered: TRICARE Prime
 26   H17002C    Num      4     MARKED.                  Health plan(s) covered: TRICARE Ext/Stnd
 27   H17002N    Num      4     MARKED.                  Health plan(s) covered: TRICARE Plus
 28   H17002O    Num      4     MARKED.                  Health plan(s) covered: TRICARE For Life
 29   H17002P    Num      4     MARKED.                  Health plan(s) covered: TRICARE Supplmntl
                                                         Ins
 30   H17002Q    Num      4     MARKED.                  Health plan(s) covered: TRICARE Reserve
                                                         Select
 31   H17002S    Num      4     MARKED.                  Health plan(s) covered: TRICARE Retired
                                                         Reserve
 32   H17002T    Num      4     MARKED.                  Health plan(s) covered: TRICARE Young Adult
                                                         Prime
 33   H17002V    Num      4     MARKED.                  Health plan(s) covered: TRICARE Young Adult
                                                         Ex or Standard
 34   H17002K    Num      4     MARKED.                  Health plan(s) covered: USFHP
 35   H17002U    Num      4     MARKED.                  Health plan(s) covered: CHCBP
 36   H17002F    Num      4     MARKED.                  Health plan(s) covered: Medicare
 37   H17002G    Num      4     MARKED.                  Health plan(s) covered: FEHBP
 38   H17002H    Num      4     MARKED.                  Health plan(s) covered: Medicaid
 39   H17002I    Num      4     MARKED.                  Health plan(s) covered: civilian HMO
 40   H17002J    Num      4     MARKED.                  Health plan(s) covered: other civilian
 41   H17002M    Num      4     MARKED.                  Health plan(s) covered: veterans
 42   H17002R    Num      4     MARKED.                  Health plan(s) covered: gov hlth ins-other
                                                         cntry
 43   H17002L    Num      4     MARKED.                  Health plan(s) covered: not sure
 44   H17003     Num      4     HPLAN1_.                 Which health plan did you use most
 45   H17004     Num      4     HPTIME.                  Yrs in a row with health plan
 46   H17005     Num      4     PLACE.                   In lst yr:fclty use most for health care
 47   H17006     Num      4     YN.                      In lst yr:ill/injry/cond care right away
 48   H17007     Num      4     OFTEN2_.                 In lst yr:get urgnt care as soon as wntd
 49   H17008     Num      4     TIME1_.                  In lst yr:wait btwn try get care,see prv
 50   H17009     Num      4     YN.                      In lst yr:make appts non-urgnt hlth care
 51   H17010     Num      4     OFTEN3_.                 In lst yr:non-urg hlth cre appt whn wntd
 52   H17011     Num      4     TIME2_.                  In lst yr:days btwn appt & see prvder
 53   H17012     Num      4     OFTEN4_.                 In lst yr:go to emrgncy rm for own care
 54   H17013     Num      4     OFTEN4_.                 In lst yr:go to Dr office/clinic for care
 55   H17014     Num      4     OFTEN8_.                 Lst yr: how often talk to doctor about
                                                         illness prvntn
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56   H17015    Num    4   YN.          Lst yr: did doctor tell you more than 1
                                        choice for trtmnt
57   H17016    Num    4   YNDEF.       Lst yr: did talk to doctor about pros/cons
                                        of trtmnt
58   H17017    Num    4   YNDEF.       Lst yr: did doctor ask which trtmnt option
                                        best for you
59   H17018    Num    4   RATE3_.      Rating of all health care in lst yr
60   H17019    Num    4   YN.          Have one person think of as personal Dr
61   H17020    Num    4   OFTEN10_.    Lst yr: how often visit prsnl doctor for
                                        care for yourself
62   H17021    Num    4   OFTEN5_.     Lst yr: how oftn Drs listen to you
63   H17022    Num    4   OFTEN5_.     Lst yr: how oftn Drs explain things
64   H17023    Num    4   OFTEN5_.     Lst yr: how oftn Drs show respect
65   H17024    Num    4   OFTEN5_.     Lst yr: how oftn Drs spend enough time
66   H17025    Num    4   YN.          Lst yr: did get care from doctor other than
                                        prsnl doctor
67   H17026    Num    4   OFTEN8_.     Lst yr: how often prsnl doctor seemed infrmd
                                        of care from other doctors
68   H17027    Num    4   RATE6_.      Rating of your personal Dr
69   H17028    Num    4   YN.          Lst yr: did make any appointments to see
                                        spclst
70   H17029    Num    4   OFTEN9_.     Lst yr: how often easy to get appointments
                                        with spclsts
71   H17030    Num    4   SPCLST.      Lst yr: how many spclsts seen
72   H17031    Num    4   RATE2_.      Rating of specialist seen in lst yr
73   H17032    Num    4   YN.          Lst yr: did try to get care, test, or trtmnt
                                        through health plan
74   H17033    Num    4   OFTEN11_.    Lst yr: how often easy to get care, test, or
                                        trtmnt
75   H17034    Num    4   YN.          Lst yr: did look for info from written
                                        material/Internet
76   H17035    Num    4   OFTEN12_.    Lst yr: how often written material/Internet
                                        provide needed info
77   H17036    Num    4   YN.          Lst yr: did look for info from health plan
                                        on cost of service/equipment
78   H17037    Num    4   OFTEN13_.    Lst yr: how often able to find out cost of
                                        service/equipment
79   H17038    Num    4   YN.          Lst yr: did look for info from health plan
                                        on cost of prescription meds
80   H17039    Num    4   OFTEN14_.    Lst yr: how often able to find out cost of
                                        prescription meds
81   H17040    Num    4   YN.          Lst yr: did try to get info/help from health
                                        plan's cstmr service
82   H17041    Num    4   OFTEN15_.    Lst yr: how often did cstmr service give
                                        needed info/help
83   H17042    Num    4   OFTEN15_.    Lst yr: how often did cstmr service treat
                                        with courtesy/respect
84   H17043    Num    4   YN.          Lst yr: did health plan give any forms to
                                        fill out
85   H17044    Num    4   OFTEN16_.    Lst yr: how often were forms easy to fill
                                        out
86   H17045    Num    4   YNDNK.       Lst yr: send in any claims
87   H17046    Num    4   OFTEN6_.     Lst yr: how often did health plan handle
                                        claims quickly
88   H17047    Num    4   OFTEN6_.     Lst yr: how oftn handle claims correctly
89   H17048    Num    4   RATE4_.      Rating of all experience with hlth plan
90   H17049    Num    4   TIME5_.      Blood pressure: when lst reading
91   H17050    Num    4   YNBP_.       Blood pressure: know if too high or not
92   H17051    Num    4   TIME7_.      When did you lst have a flu shot
93   H17052    Num    4   YNDNK.       Smoked at least 100 cigarettes in life
94   H17053    Num    4   TIME8_.      Smoke or use tobacco everyday, some days or
                                        not at all
95   H17054    Num    4   OFTEN8_.     Lst yr: how often advised to quit smoking or
                                        use tobacco
96   H17055    Num    4   OFTEN8_.     Lst yr: how often recom medic assist quit
                                        smoking or using tobacco
97   H17056    Num    4   OFTEN8_.     Lst yr: how often discu meth/strag asst quit
                                        smoking or using tobacco
98   H17057A   Num    4   MARKED.      Do you smoke or use: cigarettes
99   H17057B   Num    4   MARKED.      Do you smoke or use: dip, chewing tobacco,
                                        snuff, or snus
100  H17057C   Num    4   MARKED.      Do you smoke or use: cigars
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101   H17057D    Num    4    MARKED.       Do you smoke or use: pipes, bidis, or
                                           kreteks
102   H17058     Num    4    SEX.          Are you male or female
103   H17059B    Num    4    TIME16_.      Lst have a Pap smear test
104   H17060     Num    4    YN.           Are you under age 40
105   H17061     Num    4    TIME12_.      Lst time: breasts checked mammography
106   H17062     Num    4    YNPREG.       Been pregnant in lst yr or pregnant now
107   H17063     Num    4    PREG1_.       In what trimester is your pregnancy
108   H17064     Num    4    PREG2_.       Trimester first received prenatal care
109   H17065     Num    4    HEALTH.       In gnrl, how would you rate ovrall hlth
110   H17066     Num    4    YN.           Impairment/Hlth prblm limit activities
111   H17067     Num    4    YN.           Lst yr: have seen doctor 3 or more times for
                                           same condition
112   H17068     Num    4    YN.           Has condition lasted for at least 3 months
113   H17069     Num    4    YN.           Need to take medicine prescribed by a doctor
114   H17070     Num    4    YN.           Medicine to treat condition that has lasted
                                           for at least 3 months
115   H17071F    Num    4    TIME14_.      Height without shoes (feet)
116   H17071I    Num    4    TIME14_.      Height without shoes (inches)
117   H17072     Num    4    TIME14_.      Weight without shoes
118   SREDA      Num    4    EDUC.         Highest grade completed
119   H17073     Num    4    HISP.         Are you Spanish/Hispanic/Latino
120   H17073A    Num    4    MARKED.       Not Spanish/Hispanic/Latino
121   H17073B    Num    4    MARKED.       Mexican, Mexican American, Chicano
122   H17073C    Num    4    MARKED.       Puerto Rican
123   H17073D    Num    4    MARKED.       Cuban
124   H17073E    Num    4    MARKED.       Other Spanish, Hispanic, or Latino
125   SRRACEA    Num    4    MARKED.       Race: White
126   SRRACEB    Num    4    MARKED.       Race: Black or African American
127   SRRACEC    Num    4    MARKED.       Race: American Indian or Alaska Native
128   SRRACED    Num    4    MARKED.       Race: Asian
129   SRRACEE    Num    4    MARKED.       Race: Native Hawaiian/other Pacific Isl.
130   SRAGE      Num    4    AGEGRP.       What is your age now
131   H17074     Num    4    YNDNK.        Currently Covered Medicare
132   H17075     Num    4    MEDA.         Currently Covered Medicare Part A
133   H17076     Num    4    MEDB.         Currently Covered Medicare Part B
134   H17077     Num    4    YNDNK.        Enrolled Medicare Advantage
135   H17078     Num    4    MEDSUPP.      Currently Covered Medicare Supplemental
136   H17079     Num    4    YNDNK.        Enrolled Medicare Part D
137   S17009     Num    4    YN.           Same prsnl doctor/nurse before this hlth
                                           plan
138   S17010     Num    4    PROB1_.       Prblm getting prsnl doctor/nurse you are
                                           happy with
139   S17011     Num    4    AGREE2_.      Agree/disagree: able to see provider when
                                           needed
140   S17014     Num    4    SATISFY.      How satisfied with health care during last
                                           visit
141   S17B01     Num    4    MNTLHLTH.     Self rate of overall mental/emotional health
142   S17B02     Num    4    YN.           Lst yr: needed treatmnt/cnslng-prsnl prob
143   S17B03     Num    4    PROB1_.       Lst yr: prblm gttng needed treatmnt/cnslng
144   S17B04     Num    4    RATE5_.       Lst yr: rate of treatmnt/cnslng received
145   S17BI01    Num    4    YN.           In last 6 mos, did you need care right away
                                           in an urgent care center, ER, or doctor's
                                           office?
146   S17BI02A   Num    4    MARKED.       In last 6 mos, when you needed care right
                                           away, did you go to an urgent care center?
147   S17BI02B   Num    4    MARKED.       In last 6 mos, when you needed care right
                                           away, did you go to a hospital ER?
148   S17BI02C   Num    4    MARKED.       In last 6 mos, when you needed care right
                                           away, did you go to a doctor's office?
149   S17BI02D   Num    4    MARKED.       In last 6 mos, when you needed care right
                                           away, did you go someplace else?
150   S17BI02E   Num    4    MARKED.       In last 6 mos, I didn't need care right away
                                           for an illness, injury, or condition
151   S17BI03    Num    4    DSAGR4_.      Urgent care center: Location is more
                                           convenient than my normal place of care
152   S17BI04    Num    4    DSAGR4_.      Urgent care center: Urgent care was low cost
                                           or no cost to me
153   S17BI05    Num    4    DSAGR4_.      Urgent care center: Urgent care was faster
                                           than making an appt with my primary care
                                           provider
154   S17BI06    Num    4    DSAGR4_.      Urgent care center: I could just walk in for
                                           care without an appt
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155   S17BI07     Num     4   DSAGR4_.                Urgent care center: I trust the urgent care
                                                      center provider(s)
156   S17BI08     Num     4   DSAGR4_.                Urgent care center: The urgent care center
                                                      would process my TRICARE claim without
                                                      problems
157   S17BI09     Num     4   DSAGR4_.                Urgent care center: Would have used appt
                                                      with regular provider if had been available
158   S17BI10     Num     4   DSAGR4_.                Urgent care center: I wanted to avoid the
                                                      wait at a hospital ER
159   S17BI11     Num     4   DSAGR4_.                Urgent care center: The location is more
                                                      convenient than the hospital ER
160   S17BI12     Num     4   DSAGR4_.                Urgent care center: My condition was not a
                                                      medical emergency requiring a hospital ER
161   S17BI13     Num     4   DSAGR4_.                Urgent care center: Normal place of care was
                                                      not open
162   S17BI14     Num     4   DSAGR4_.                Urgent care center: I thought it would take
                                                      less time than at my usual place of care
163   S17BI15     Num     4   S17BI15_.               Urgent care center, did you or someone else
                                                      call a nurse advice line before going to
                                                      urgent care
164   S17BI16     Num     4   YNDNK.                  Did the nurse advise you to seek urgent
                                                      care?
165   S17BI17     Num     4   YNDNK.                  Urgent care center, did the health care
                                                      providers advise you to seek care in a
                                                      hospital ER?
166   S17BI18     Num     4   YNDNK.                  Did you seek care at a hospital ER?
167   S17BI19     Num     4   S17BI19_.               On most recent visit to urgent care center,
                                                      what was the main reason you went?
168   S17BI20     Num     4   RATE_URG.               What number would you use to rate your care
                                                      during this urgent care center visit?
169   ONTIME      Char    3                           Responded Within 8 weeks of Mail-Out
170   FLAG_FIN    Char    5   $FINAL.                 Final Disposition
171   DUPFLAG     Char    3                           Multiple Response Indicator
172   FNSTATUS    Num     8   FNSTATS.                Final Status
173   KEYCOUNT    Num     8                           # Key Questions Answered
174   WEB         Num     8   WEB.                    Web survey indicator
175   EMAILRES    Char    25  $EMAILR.   $100.        Email response
176   SURVTYPE    Num     8   SURVTYPE.               Web or Mail Survey
177   FLTYPE      Num     8   FL_TYPE.   8.           Experimental cover letter group
178   N1          Num     8                           Coding Scheme Note 1
179   N2          Num     8                           Coding Scheme Note 2
180   N3          Num     8                           Coding Scheme Note 3
181   N4          Num     8                           Coding Scheme Note 4
182   N5          Num     8                           Coding Scheme Note 5
183   N5_BI1      Num     8                           Coding Scheme Note 5_BI1
184   N5_BI2      Num     8                           Coding Scheme Note 5_BI2
185   N5_BI3      Num     8                           Coding Scheme Note 5_BI3
186   N5_BI4      Num     8                           Coding Scheme Note 5_BI4
187   N6          Num     8                           Coding Scheme Note 6
188   N7          Num     8                           Coding Scheme Note 7
189   N8          Num     8                           Coding Scheme Note 8
190   N8_01       Num     8                           Coding Scheme Note 8_01
191   N9          Num     8                           Coding Scheme Note 9
192   N10         Num     8                           Coding Scheme Note 10
193   N10_B1      Num     8                           Coding Scheme Note 10_B1
194   N11         Num     8                           Coding Scheme Note 11
195   N12         Num     8                           Coding Scheme Note 12
196   N13         Num     8                           Coding Scheme Note 13
197   N14         Num     8                           Coding Scheme Note 14
198   N15         Num     8                           Coding Scheme Note 15
199   N16         Num     8                           Coding Scheme Note 16
200   N17         Num     8                           Coding Scheme Note 17
201   N18         Num     8                           Coding Scheme Note 18
202   N19A        Num     8                           Coding Scheme Note 19A
203   N19B        Num     8                           Coding Scheme Note 19B
204   N20         Num     8                           Coding Scheme Note 20
205   N21         Num     8                           Coding Scheme Note 21
206   N22         Num     8                           Coding Scheme Note 22
207   N23         Num     8                           Coding Scheme Note 23
208   N23_HT      Num     8                           Coding Scheme Note 23_HT
209   N23_WT      Num     8                           Coding Scheme Note 23_WT
210   N24         Num     8                           Coding Scheme Note 24
211   N25         Num     8                           Coding Scheme Note 25
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212	MISS_1	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): violates skip pattern
213	MISS_4	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): incomplete grid error
214	MISS_5	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): scalable reponse of don't know
215	MISS_6	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): not applicable - valid skip
216	MISS_7	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): out-of-range error
217	MISS_9	Num	8	HAMISS.		Count of original survey responses (pre-cleaning): no response - invalid skip
218	MISS_TOT	Num	8	HAMISS.		Total number of missing responses (pre-cleaning)
219	XENRLLMT	Num	8	ENROLL.		Enrollment in TRICARE Prime
220	XENR_PCM	Num	8	PCM.		Enrollment by PCM type
221	XINS_COV	Num	8	INSURE.		Insurance Coverage
222	XBENCAT	Num	8	XBENCAT.		Beneficiary Category
223	XENR_RSV	Num	8	XENRRSV.		Enrollment by PCM type - Reservist
224	XINS_RSV	Num	8	XINSRSV.		Insurance Coverage - Reservist
225	XREGION	Num	3	CREG.		XREGION - Region
226	XTNEXREG	Num	3	TNEX.		TNEX Region - Based on Location of Health Services
227	USA	Num	3	USAMHS.		USA - USA/OCONUS Indicator
228	XOCONUS	Num	3	XOCONUS.		Overseas Europe/Pacific/Latin Indicator
229	OUTCATCH	Num	8	OCATCH.		Out of catchment area indicator
230	XSEXA	Num	8	HASEX.		Male or Female - R
231	XBMI	Num	8			Body Mass Index
232	XBMICAT	Num	3	XBMICAT.		Body Mass Index Category
233	XBNFGRP	Num	8	XBGC_S.		Beneficiary Group
234	XSERVAFF	Num	3	XSERVAFF.		Service Affiliation
235	KMILOPQY	Num	8	HAGRID.		Outpat. visits-use Military fclty most
236	KCIVOPQY	Num	8	HAGRID.		Outpat. visits-use Civilian fclty most
237	KCIVINS	Num	8	HAYNN2_.		Beneficiary coverd by civilian insurance
238	HP_PRNTL	Num	8	PRNTL.		Prgnt in lst yr, receivd cre 1st trimstr
239	HP_MAMOG	Num	8	HAYNN.		Women 40>=, mammography in pst 2 yrs
240	HP_MAM50	Num	8	HAYNN.		Women 50>=, mammography in pst 2 yrs
241	HP_PAP	Num	8	HAYNN.		All women, Pap smear in last 3 yrs
242	HP_BP	Num	8	HAYNN2_.		Bld prsre chck in last 2 yrs,know rslts
243	HP_FLU	Num	8	HAYNN.		65 and older, flu shot in last 12 mnths
244	HP_OBESE	Num	8	HAYNN.		Obese/Morbidly obese
245	HP_SMOKE	Num	8	HAYNN.		Advised to quit smoking in last 12 mnths
246	HP_SMKH3	Num	8	SMOKE.		Smoker under HEDIS definition (modified)
247	HP_CESH3	Num	8	SMOKE.		Had smoking cessation counseling - HEDIS (modified)
248	DOM_INTL	Char	1	$DOM_INT.	$1.	Domestic or international address
249	LTR_TYPE	Num	8	LET_TYPE.	8.	Letter group for this participant
250	RMDR_FLG	Num	8	REMINDER.	8.	Reminder letter for this participant
251	QAIRE	Num	8	QAIRE.	8.	Paper survey or letter only
252	XCATCH	Num	8	CACR.		XCATCH - Catchment Area (Reporting)
253	POSTCELL	Char	5			ps cell for new wts - for all 3 quarters
254	FWRWT1	Num	8			Replicated/JackKnife NEW Weight 1
255	FWRWT2	Num	8			Replicated/JackKnife NEW Weight 2
256	FWRWT3	Num	8			Replicated/JackKnife NEW Weight 3
257	FWRWT4	Num	8			Replicated/JackKnife NEW Weight 4
258	FWRWT5	Num	8			Replicated/JackKnife NEW Weight 5
259	FWRWT6	Num	8			Replicated/JackKnife NEW Weight 6
260	FWRWT7	Num	8			Replicated/JackKnife NEW Weight 7
261	FWRWT8	Num	8			Replicated/JackKnife NEW Weight 8
262	FWRWT9	Num	8			Replicated/JackKnife NEW Weight 9
263	FWRWT10	Num	8			Replicated/JackKnife NEW Weight 10
264	FWRWT11	Num	8			Replicated/JackKnife NEW Weight 11
265	FWRWT12	Num	8			Replicated/JackKnife NEW Weight 12
266	FWRWT13	Num	8			Replicated/JackKnife NEW Weight 13
267	FWRWT14	Num	8			Replicated/JackKnife NEW Weight 14
268	FWRWT15	Num	8			Replicated/JackKnife NEW Weight 15
269	FWRWT16	Num	8			Replicated/JackKnife NEW Weight 16
270	FWRWT17	Num	8			Replicated/JackKnife NEW Weight 17
271	FWRWT18	Num	8			Replicated/JackKnife NEW Weight 18
272	FWRWT19	Num	8			Replicated/JackKnife NEW Weight 19
273	FWRWT20	Num	8			Replicated/JackKnife NEW Weight 20
274	FWRWT21	Num	8			Replicated/JackKnife NEW Weight 21
275	FWRWT22	Num	8			Replicated/JackKnife NEW Weight 22

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276   FWRWT23   Num   8        Replicated/JackKnife NEW Weight 23
277   FWRWT24   Num   8        Replicated/JackKnife NEW Weight 24
278   FWRWT25   Num   8        Replicated/JackKnife NEW Weight 25
279   FWRWT26   Num   8        Replicated/JackKnife NEW Weight 26
280   FWRWT27   Num   8        Replicated/JackKnife NEW Weight 27
281   FWRWT28   Num   8        Replicated/JackKnife NEW Weight 28
282   FWRWT29   Num   8        Replicated/JackKnife NEW Weight 29
283   FWRWT30   Num   8        Replicated/JackKnife NEW Weight 30
284   FWRWT31   Num   8        Replicated/JackKnife NEW Weight 31
285   FWRWT32   Num   8        Replicated/JackKnife NEW Weight 32
286   FWRWT33   Num   8        Replicated/JackKnife NEW Weight 33
287   FWRWT34   Num   8        Replicated/JackKnife NEW Weight 34
288   FWRWT35   Num   8        Replicated/JackKnife NEW Weight 35
289   FWRWT36   Num   8        Replicated/JackKnife NEW Weight 36
290   FWRWT37   Num   8        Replicated/JackKnife NEW Weight 37
291   FWRWT38   Num   8        Replicated/JackKnife NEW Weight 38
292   FWRWT39   Num   8        Replicated/JackKnife NEW Weight 39
293   FWRWT40   Num   8        Replicated/JackKnife NEW Weight 40
294   FWRWT41   Num   8        Replicated/JackKnife NEW Weight 41
295   FWRWT42   Num   8        Replicated/JackKnife NEW Weight 42
296   FWRWT43   Num   8        Replicated/JackKnife NEW Weight 43
297   FWRWT44   Num   8        Replicated/JackKnife NEW Weight 44
298   FWRWT45   Num   8        Replicated/JackKnife NEW Weight 45
299   FWRWT46   Num   8        Replicated/JackKnife NEW Weight 46
300   FWRWT47   Num   8        Replicated/JackKnife NEW Weight 47
301   FWRWT48   Num   8        Replicated/JackKnife NEW Weight 48
302   FWRWT49   Num   8        Replicated/JackKnife NEW Weight 49
303   FWRWT50   Num   8        Replicated/JackKnife NEW Weight 50
304   FWRWT51   Num   8        Replicated/JackKnife NEW Weight 51
305   FWRWT52   Num   8        Replicated/JackKnife NEW Weight 52
306   FWRWT53   Num   8        Replicated/JackKnife NEW Weight 53
307   FWRWT54   Num   8        Replicated/JackKnife NEW Weight 54
308   FWRWT55   Num   8        Replicated/JackKnife NEW Weight 55
309   FWRWT56   Num   8        Replicated/JackKnife NEW Weight 56
310   FWRWT57   Num   8        Replicated/JackKnife NEW Weight 57
311   FWRWT58   Num   8        Replicated/JackKnife NEW Weight 58
312   FWRWT59   Num   8        Replicated/JackKnife NEW Weight 59
313   FWRWT60   Num   8        Replicated/JackKnife NEW Weight 60
314   FWRWT     Num   8        Final NEW Weight
```

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APPENDIX G

RESPONSE RATE TABLES – QUARTER I

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TABLE G.1

RESPONSE RATES BY ENROLLMENT AND BENEFICIARY CATEGORY– QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Active Duty	11.9	9.8
Active Duty fam,Prime,civ PCM	4.9	4.8
Active Duty fam,Prime,mil PCM	5.3	5.4
Active Duty fam,non-enrollee	2.6	2.6
Retired,<65,civ PCM	17.3	17.1
Retired,<65,mil PCM	16.1	16.6
Retired,<65,non-enrollee	8.3	9.2
Retired,65+,enrolled	21.9	22.1
Retired,65+,non-enrollee	20.3	20.2
TRICARE Reserve Select	5.8	5.8

TABLE G.2

RESPONSE RATES BY XOCONUS – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
In US/Missing Region	9.2	13.5
Europe	9.5	10.8
Western Pacific	8.1	8.7
Latin America	7.7	12.8

TABLE G.3

RESPONSE RATES BY SEX – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Male	11.6	15.2
Female	7.3	11.6

TABLE G.4

RESPONSE RATES BY CONUS/OCONUS INDICATOR – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Invalid/Missing	4.8	6.4
Not in USA	8.7	10.1
In USA	9.3	13.7

TABLE G.5

RESPONSE RATES BY BENEFICIARY CATEGORY – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	11.8	9.5
Dependent of Active Duty & Guard/Reserve	4.3	4.6
Retiree/Depend of Retiree/Survivor/Other 65+	20.4	20.4
Retiree/Depend of Retiree/Survivor/Other <65	13.4	13.2

TABLE G.6

RESPONSE RATES BY SAMPLING CATCHMENT AREA - QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Fox AHC-Redstone Arsenal	12.8	15.4
Lyster AHC-Ft. Rucker	11.9	21.8
42nd Medical Group-Maxwell	15.6	15.7
Bassett ACH-Ft. Wainwright	7.2	9.3
3rd Med Grp-Elmendorf	12.3	19.4
R W Bliss AHC-Ft. Huachuca	15.3	11.3
56th Med Grp-Luke	11.9	17.7
355th Med Grp-Davis Monthan	8.6	8.9
60th Med Grp-Travis	11.3	13.9
95th Med Grp-Edwards	12.7	14.2
NH Camp Pendleton	5.3	9.0
NBHC Port Hueneme	8.5	8.8
NH LeMoore	8.4	7.7
NMC San Diego	6.4	10.6
NH Twentynine Palms	7.4	15.3
Evans ACH-Ft. Carson	4.7	10.2
10th Med Group-USAF Academy CO	14.8	14.4
Walter Reed AMC-Washington DC	37.1	36.9
NH Pensacola	9.1	16.3
NH Jacksonville	7.2	9.7
96th Med Grp-Eglin	8.0	17.2
325th Med Grp-Tyndall	13.8	14.7
6th Med Grp-MacDill	10.7	15.1
45th Med Grp-Patrick	16.6	16.8
Eisenhower AMC-Ft. Gordon	10.8	21.9
Martin ACH-Ft. Benning	4.7	5.5
Winn ACH-Ft. Stewart	5.0	9.6
78th Med Grp-Robins	12.7	16.6
Tripler AMC-Ft. Shafter	8.3	16.4
366th Med Grp-Mountain Home	13.2	12.5
375th Med Grp-Scott	10.5	10.9
FHCC-Formerly NHC Great Lakes	4.1	6.8
Irwin ACH-Ft. Riley	6.2	6.4
Munson AHC-Ft. Leavenworth	10.8	12.7
Blanchfield ACH-Ft. Campbell	6.2	8.5
Ireland ACH-Ft. Knox	10.7	13.1
2nd Med Grp-Barksdale	10.0	12.9
Bayne-Jones ACH-Ft. Polk	8.0	14.5
779th Med Grp-Andrews	10.9	13.5
Walter Reed Natl Mil Med Cntr	9.8	15.5
NHC Patuxent River	9.6	11.6
Kimbrough Amb Car Cen-Ft Meade	12.7	15.5
81st Med Grp-Keesler	7.1	6.3
L. Wood ACH-Ft. Leonard Wood	6.8	7.4
55th Med Grp-Offutt	11.6	13.4
99th Med Grp-O'Callaghan Hosp	8.3	7.3
377th Med Grp-Kirtland	14.0	13.2
Keller ACH-West Point	10.4	11.4

TABLE G.6 *(continued)*

	Unweighted Response Rate	Weighted Response Rate
Womack AMC-Ft. Bragg	7.7	12.3
NH Camp Lejeune	5.7	12.0
NHC Cherry Point	6.9	8.5
88th Med Grp-Wright-Patterson	14.6	21.1
72nd Med Grp-Tinker	10.5	14.0
Reynolds ACH-Ft. Sill	7.8	8.6
20th Med Grp-Shaw	10.9	12.3
Naval Health Clinic Charleston	6.6	7.7
NH Beaufort	5.5	4.5
Moncrief ACH-Ft. Jackson	6.8	9.5
William Beaumont AMC-Ft. Bliss	6.7	10.8
Brooke AMC-Ft. Sam Houston	8.1	16.6
Darnall ACH-Ft. Hood	6.6	12.1
7th Med Grp-Dyess	11.7	12.0
82nd Med Grp-Sheppard	10.0	8.6
59th Med Wing-Lackland	11.7	12.0
NHC Corpus Christi	13.1	13.1
75th Med Grp-Hill	11.6	13.3
633rd Med Grp Langley-Eustis	10.8	14.6
McDonald AHC-Ft. Eustis	10.5	27.9
Kenner AHC-Ft. Lee	9.2	9.9
Ft Belvoir Community Hosp-FBCH	9.8	19.7
NMC Portsmouth	6.0	8.8
Madigan AMC-Ft. Lewis	7.1	9.9
NH Bremerton	6.0	9.5
NH Oak Harbor	10.2	15.4
92nd Med Grp-Fairchild	13.3	12.1
90th Med Grp-F.E. Warren	13.0	13.9
Weed ACH-Ft. Irwin	8.2	7.9
NBHC NAS North Island	10.8	10.4
21st Med Grp-Peterson	10.1	13.1
NHC Hawaii	8.9	9.3
NBHC Portsmouth	12.7	14.8
Guthrie AHC-Ft. Drum	6.8	6.2
NBHC Little Creek	9.8	12.1
NHC Quantico	13.0	13.7
NBHC Oceana	11.1	14.3
NBHC Mayport	8.4	10.6
NBHC NTC San Diego	7.0	7.9
NBHC Navsta Sewells	10.2	11.0
Landstuhl Regional Medcen	7.1	8.3
Bavaria Meddac	8.5	12.3
Brian Allgood ACH-Seoul	5.9	8.0
NH Guantanamo Bay	8.8	8.3
NH Naples	6.7	7.9
NH Guam-Agana	7.7	9.1
NH Okinawa	4.7	6.1
NH Yokosuka	6.4	7.2
48th Med Grp-Lakenheath	10.4	13.3
374th Med Grp-Yokota AB	11.6	12.7

	Unweighted Response Rate	Weighted Response Rate
422 ABS Med Flt-Croughton	10.3	12.4
470 Med Flt-Geilenkirchen	2.5	1.7
18th Med Grp-Kadena AB	10.1	12.5
52nd Med Group-Spangdahlem	12.4	13.6
RAF Upwood	14.0	18.3
USCG Clinic Key West	15.4	16.4
TRICARE Outpatient-Chula Vista	14.1	11.7
Naval Health Care New England	10.4	12.5
Out of Catchment North Region	8.7	15.7
Out of Catchment South Region	7.4	14.4
Out of Catchment West Region	9.0	15.3
Out of Catchment OCONUS Region	6.5	7.2

Note: The Sampling Catchment Area variable is only provided in the restricted use file to maintain respondent confidentiality.

TABLE G.7

RESPONSE RATES BY SERVICE AFFILIATION – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Missing/unknown	10.6	12.9
Army	7.7	11.6
Coast Guard	22.2	24.2
Air Force	11.4	13.5
Administrative	9.9	14.3
Support Contractor	7.6	9.9
Navy	10.1	19.3
National Capital Region Medical Director	6.5	15.0
Noncatchment	14.4	19.7
Uniformed Services Family Health Plan	10.6	12.9

TABLE G.8

RESPONSE RATES BY JOINT SERVICE FLAG – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Not Joint Service	9.1	13.2
Joint Service	10.2	18.1

TABLE G.9

RESPONSE RATES BY SERVICE – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
Army	7.5	12.1
Navy	8.3	12.9
Marine Corps	6.8	11.9
Air Force	11.6	15.8
Coast Guard	13.6	13.4
Other/Unknown	15.7	25.8

TABLE G.10

RESPONSE RATES BY TNEX REGION – QUARTER I, 2017

	Unweighted Response Rate	Weighted Response Rate
North	9.2	14.3
South	9.1	13.6
West	9.6	12.9
Overseas	8.1	9.2

TABLE G.11

RESPONSE RATES BY COMBINED GEOGRAPHIC AREA – QUARTER I, 2017

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
North	Walter Reed AMC-Washington DC	37.1	36.9
North	375th Med Grp-Scott	10.5	10.9
North	FHCC-Formerly NHC Great Lakes	4.1	6.8
North	Blanchfield ACH-Ft. Campbell	6.2	8.5
North	Ireland ACH-Ft. Knox	10.7	13.1
North	779th Med Grp-Andrews	10.9	13.5
North	Walter Reed Natl Mil Med Cntr	9.8	15.5
North	NHC Patuxent River	9.6	11.6
North	Kimbrough Amb Car Cen-Ft Meade	12.7	15.5
North	Keller ACH-West Point	10.4	11.4
North	Womack AMC-Ft. Bragg	7.7	12.3
North	NH Camp Lejeune	5.7	12.0
North	NHC Cherry Point	6.9	8.5
North	88th Med Grp-Wright-Patterson	14.6	21.1
North	633rd Med Grp Langley-Eustis	10.8	14.6
North	McDonald AHC-Ft. Eustis	10.5	27.9
North	Kenner AHC-Ft. Lee	9.2	9.9
North	Ft Belvoir Community Hosp-FBCH	9.8	19.7
North	NMC Portsmouth	6.0	8.8
North	NBHC Portsmouth	12.7	14.8
North	Guthrie AHC-Ft. Drum	6.8	6.2
North	NBHC Little Creek	9.8	12.1
North	NHC Quantico	13.0	13.7
North	NBHC Oceana	11.1	14.3
North	NBHC Navsta Sewells	10.2	11.0
North	USCG Clinic Key West	50.0	50.0
North	Naval Health Care New England	10.4	12.5
North	Out of Catchment North Region	8.7	15.7
North	Out of Catchment OCONUS Region	2.7	7.2
South	Fox AHC-Redstone Arsenal	12.8	15.4
South	Lyster AHC-Ft. Rucker	11.9	21.8
South	42nd Medical Group-Maxwell	15.6	15.7
South	NH Pensacola	9.1	16.3
South	NH Jacksonville	7.2	9.7
South	96th Med Grp-Eglin	8.0	17.2
South	325th Med Grp-Tyndall	13.8	14.7
South	6th Med Grp-MacDill	10.7	15.1
South	45th Med Grp-Patrick	16.6	16.8
South	Eisenhower AMC-Ft. Gordon	10.8	21.9
South	Martin ACH-Ft. Benning	4.7	5.5
South	Winn ACH-Ft. Stewart	5.0	9.6
South	78th Med Grp-Robins	12.7	16.6
South	2nd Med Grp-Barksdale	10.0	12.9
South	Bayne-Jones ACH-Ft. Polk	8.0	14.5
South	81st Med Grp-Keesler	7.1	6.3
South	72nd Med Grp-Tinker	10.5	14.0
South	Reynolds ACH-Ft. Sill	7.8	8.6
South	20th Med Grp-Shaw	10.9	12.3

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
South	Naval Health Clinic Charleston	6.6	7.7
South	NH Beaufort	5.5	4.5
South	Moncrief ACH-Ft. Jackson	6.8	9.5
South	Brooke AMC-Ft. Sam Houston	8.1	16.6
South	Darnall ACH-Ft. Hood	6.6	12.1
South	7th Med Grp-Dyess	11.7	12.0
South	82nd Med Grp-Sheppard	10.0	8.6
South	59th Med Wing-Lackland	11.7	12.0
South	NHC Corpus Christi	13.1	13.1
South	NBHC Mayport	8.4	10.6
South	USCG Clinic Key West	13.0	13.0
South	Out of Catchment South Region	7.4	14.4
South	Out of Catchment OCONUS Region	3.3	8.7
West	Bassett ACH-Ft. Wainwright	7.2	9.3
West	3rd Med Grp-Elmendorf	12.3	19.4
West	R W Bliss AHC-Ft. Huachuca	15.3	11.3
West	56th Med Grp-Luke	11.9	17.7
West	355th Med Grp-Davis Monthan	8.6	8.9
West	60th Med Grp-Travis	11.3	13.9
West	95th Med Grp-Edwards	12.7	14.2
West	NH Camp Pendleton	5.3	9.0
West	NBHC Port Hueneme	8.5	8.8
West	NH LeMoore	8.4	7.7
West	NMC San Diego	6.4	10.6
West	NH Twentynine Palms	7.4	15.3
West	Evans ACH-Ft. Carson	4.7	10.2
West	10th Med Group-USAF Academy CO	14.8	14.4
West	Tripler AMC-Ft. Shafter	8.3	16.4
West	366th Med Grp-Mountain Home	13.2	12.5
West	Irwin ACH-Ft. Riley	6.2	6.4
West	Munson AHC-Ft. Leavenworth	10.8	12.7
West	L. Wood ACH-Ft. Leonard Wood	6.8	7.4
West	55th Med Grp-Offutt	11.6	13.4
West	99th Med Grp-O'Callaghan Hosp	8.3	7.3
West	377th Med Grp-Kirtland	14.0	13.2
West	William Beaumont AMC-Ft. Bliss	6.7	10.8
West	75th Med Grp-Hill	11.6	13.3
West	Madigan AMC-Ft. Lewis	7.1	9.9
West	NH Bremerton	6.0	9.5
West	NH Oak Harbor	10.2	15.4
West	92nd Med Grp-Fairchild	13.3	12.1
West	90th Med Grp-F.E. Warren	13.0	13.9
West	Weed ACH-Ft. Irwin	8.2	7.9
West	NBHC NAS North Island	10.8	10.4
West	21st Med Grp-Peterson	10.1	13.1
West	NHC Hawaii	8.9	9.3
West	NBHC NTC San Diego	7.0	7.9
West	TRICARE Outpatient-Chula Vista	14.1	11.7
West	Out of Catchment West Region	9.0	15.3
West	Out of Catchment OCONUS Region	2.4	1.6

TABLE G.11 *(continued)*

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
Overseas	Landstuhl Regional Medcen	7.1	8.3
Overseas	Bavaria Meddac	8.5	12.3
Overseas	Brian Allgood ACH-Seoul	5.9	8.0
Overseas	NH Guantanamo Bay	8.8	8.3
Overseas	NH Naples	6.7	7.9
Overseas	NH Guam-Agana	7.7	9.1
Overseas	NH Okinawa	4.7	6.1
Overseas	NH Yokosuka	6.4	7.2
Overseas	48th Med Grp-Lakenheath	10.4	13.3
Overseas	374th Med Grp-Yokota AB	11.6	12.7
Overseas	422 ABS Med Flt-Croughton	10.3	12.4
Overseas	470 Med Flt-Geilenkirchen	2.6	1.8
Overseas	18th Med Grp-Kadena AB	10.1	12.5
Overseas	52nd Med Group-Spangdahlem	12.4	13.6
Overseas	RAF Upwood	14.0	18.3
Overseas	Out of Catchment OCONUS Region	6.8	7.7

Note: The Sampling Catchment Area variable is only provided on the restricted use file to maintain respondent confidentiality.

TABLE G.12

RESPONSE RATES BY BENEFICIARY CATEGORY AND SEX – QUARTER I, 2017

Beneficiary Category	Sex	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Male	11.3	9.1
Active Duty and Guard/Reserve	Female	13.8	11.7
Dependent of Active Duty & Guard/Reserve	Male	2.7	2.7
Dependent of Active Duty & Guard/Reserve	Female	4.6	4.9
Retiree/Depend of Retiree/Survivor/Other 65+	Male	26.2	26.2
Retiree/Depend of Retiree/Survivor/Other 65+	Female	15.7	15.6
Retiree/Depend of Retiree/Survivor/Other <65	Male	14.9	14.3
Retiree/Depend of Retiree/Survivor/Other <65	Female	12.0	12.2

TABLE G.13

RESPONSE RATES BY BENEFICIARY CATEGORY AND SERVICE – QUARTER I, 2017

Beneficiary	Service	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Army	7.8	6.9
Active Duty and Guard/Reserve	Navy	8.4	6.9
Active Duty and Guard/Reserve	Marine Corps	7.1	7.0
Active Duty and Guard/Reserve	Air Force	16.7	16.1
Active Duty and Guard/Reserve	Coast Guard	22.3	21.7
Active Duty and Guard/Reserve	Other/Unknown	32.9	33.0
Dependent of Active Duty & Guard/Reserve	Army	4.2	4.7
Dependent of Active Duty & Guard/Reserve	Navy	4.2	4.5
Dependent of Active Duty & Guard/Reserve	Marine Corps	3.4	3.6
Dependent of Active Duty & Guard/Reserve	Air Force	4.7	4.7
Dependent of Active Duty & Guard/Reserve	Coast Guard	6.1	5.6
Dependent of Active Duty & Guard/Reserve	Other/Unknown	7.4	8.4
Retiree/Depend of Retiree/Survivor/Other 65+	Army	20.5	20.4
Retiree/Depend of Retiree/Survivor/Other 65+	Navy	19.4	19.5
Retiree/Depend of Retiree/Survivor/Other 65+	Marine Corps	25.8	25.8
Retiree/Depend of Retiree/Survivor/Other 65+	Air Force	20.6	20.6
Retiree/Depend of Retiree/Survivor/Other 65+	Coast Guard	5.7	6.0
Retiree/Depend of Retiree/Survivor/Other 65+	Other/Unknown	66.7	66.5
Retiree/Depend of Retiree/Survivor/Other <65	Army	12.0	12.0
Retiree/Depend of Retiree/Survivor/Other <65	Navy	13.9	14.0
Retiree/Depend of Retiree/Survivor/Other <65	Marine Corps	13.1	12.3
Retiree/Depend of Retiree/Survivor/Other <65	Air Force	14.6	14.2
Retiree/Depend of Retiree/Survivor/Other <65	Coast Guard	15.3	16.5
Retiree/Depend of Retiree/Survivor/Other <65	Other/Unknown	11.3	12.1