

Contract No.: HHSP23320095642WC (HHSP23337054T)  
Mathematica Reference No.: 40309.24H

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# 2016 Health Care Survey of DoD Beneficiaries:

## Adult Codebook and User's Guide

May 2016  
Quarter I  
Survey Fielded: October 2015

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Chapter

1

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## 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, 2016 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, 2016 dataset for fiscal year 2016. Throughout, 2016 Quarter I dataset refers to the fiscal year 2016.

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 2016.

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 an alphabetical 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 2016 Health Care Survey of DoD Beneficiaries: Adult Technical Manual," available in late 2016 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 2016 HCSDB. 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, and 2015. 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 2016 questions and the questions from the 2008, 2009, 2010, 2011, 2012, 2013, 2014, and 2015 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 2016, 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

- **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.

- **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.
- **Health Care Appointments.** Questions in this supplement ask about various aspects of making appointments at both military treatment facilities (MTFs) and with civilian health care providers. Respondents are asked about their reasons for making, and not making, appointments, as well as the availability of the appointments that were needed.
- **Electronic Cigarettes.** Questions in this supplement ask about use of electronic cigarettes, or e-cigarettes. Respondents are asked about frequency of e-cigarette use, whether they use flavored e-cigarettes, and whether they have switched entirely from using regular cigarettes to using e-cigarettes.

### 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, 2016 Adult HCSDB. Specific information on the sample design appears in "Health Care Survey of DoD Beneficiaries: FY 2016 Adult Sampling Report", Mathematica Policy Research, Washington, D.C.

From a sample of 100,000 beneficiaries, 8,853 adult MHS beneficiaries completed and returned a 2016 Adult HCSDB questionnaire for the first quarter, yielding a response rate of 8.9 percent. Information on developing response rates will be found in the "2016 Health Care Survey of DoD Beneficiaries: Adult Technical Manual".

### Other Documents on the 2016 HCSDB

This document is intended for programmers and analysts using the Quarter I, 2016 Adult HCSDB data. The following is a list of other documents that may be requested from the Defense Health Agency Office:

- 2016 Health Care Survey of DoD Beneficiaries: Adult Technical Manual (Available late 2016)
- 2016 Health Care Survey of DoD Beneficiaries: TRICARE Annual Report (Available late 2016)

Chapter

2

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## Survey of Adults

This chapter presents information on the survey administration cycle for the Quarter I, 2016 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. Operational support for the Quarter I, 2016 HCSDB involved two mailings to all beneficiaries on October 7, 2015 and December 11, 2015 and six emailings to Active Duty members from October 16, 2015 to December 10, 2015.

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 six 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, 2016 sample contained 99,850 records. This quarter the HCSDB invitation letter was mailed/emailed out to 99,437 respondents. The remaining 413 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 United States Postal Service 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, 2016

*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
<b>SURVEY INVITATION LETTER</b>	<b>20535</b>	<b>36521</b>	<b>2583</b>	<b>5090</b>	<b>791</b>	<b>1314</b>	<b>14613</b>	<b>16160</b>	<b>1504</b>	<b>326</b>	<b>99437</b>
NCOA Updated CHCS	509 0.51%	673 0.68%	34 0.03%	27 0.03%	3 0.00%	1 0.00%	100 0.10%	119 0.12%	6 0.01%	3 0.00%	1475 1.48%
Original CHCS	8762 8.81%	8905 8.96%	603 0.61%	390 0.39%	41 0.04%	18 0.02%	3605 3.63%	3773 3.79%	254 0.26%	41 0.04%	26392 26.54%
NCOA Updated Residence	784 0.79%	3063 3.08%	113 0.11%	380 0.38%	48 0.05%	111 0.11%	396 0.40%	672 0.68%	104 0.10%	29 0.03%	5700 5.73%
Original Residence	10286 10.34%	23817 23.95%	1732 1.74%	4282 4.31%	696 0.70%	1183 1.19%	10512 10.57%	11560 11.63%	1138 1.14%	251 0.25%	65457 65.83%
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%	62 0.06%	0 0.00%	11 0.01%	0 0.00%	1 0.00%	0 0.00%	36 0.04%	2 0.00%	2 0.00%	114 0.11%
Original Unit	194 0.20%	0 0.00%	101 0.10%	0 0.00%	3 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	298 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
<b>REMINDER LETTER</b>	<b>18615</b>	<b>35345</b>	<b>2326</b>	<b>4973</b>	<b>757</b>	<b>1289</b>	<b>13212</b>	<b>15333</b>	<b>1410</b>	<b>268</b>	<b>93524</b>
Respondent/USPS Update	68 0.07%	91 0.10%	17 0.02%	5 0.01%	0 0.00%	1 0.00%	10 0.01%	8 0.01%	0 0.00%	2 0.00%	202 0.22%
NCOA Updated CHCS	458 0.49%	644 0.69%	33 0.04%	25 0.03%	2 0.00%	1 0.00%	89 0.10%	111 0.12%	6 0.01%	3 0.00%	1372 1.47%
Altarum Updated CHCS	441 0.47%	547 0.58%	44 0.05%	26 0.03%	16 0.02%	11 0.01%	124 0.13%	190 0.20%	9 0.01%	9 0.01%	1417 1.52%
Original CHCS	7331 7.84%	8378 8.96%	488 0.52%	365 0.39%	32 0.03%	18 0.02%	3175 3.39%	3480 3.72%	234 0.25%	29 0.03%	23530 25.16%
NCOA Updated Residence	713 0.76%	2934 3.14%	106 0.11%	368 0.39%	47 0.05%	109 0.12%	379 0.41%	625 0.67%	96 0.10%	25 0.03%	5402 5.78%
Altarum Updated Residence	275 0.29%	279 0.30%	25 0.03%	31 0.03%	8 0.01%	15 0.02%	61 0.07%	121 0.13%	19 0.02%	7 0.01%	841 0.90%
Original Residence	8665 9.26%	21894 23.41%	1487 1.59%	4074 4.36%	644 0.69%	1108 1.18%	9374 10.02%	10544 11.27%	1017 1.09%	182 0.19%	58989 63.07%
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	3 0.00%	532 0.57%	1 0.00%	70 0.07%	0 0.00%	25 0.03%	0 0.00%	223 0.24%	27 0.03%	4 0.00%	885 0.95%
Original Sponsor	0 0.00%	45 0.05%	0 0.00%	9 0.01%	0 0.00%	1 0.00%	0 0.00%	31 0.03%	2 0.00%	1 0.00%	89 0.10%
Altarum Updated Unit	559 0.60%	0 0.00%	84 0.09%	0 0.00%	7 0.01%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	6 0.01%	656 0.70%
Original Unit	102 0.11%	0 0.00%	41 0.04%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	144 0.15%

E. SURVEY ADMINISTRATION TIMELINE

Quarter I

Event	Date
File Receipt	16 September
NCOA Update	21 September
Invitation letter	7 October
Email 1 reminder to AD	16 October
Altarm-DEERS Update	19 October
Email 2 reminder to AD	26 October
Email 3 reminder to AD	3 November
Email 4 reminder to AD	16 November
Reminder letter	11 December
Email 5 reminder to AD	1 December
Email 6 reminder to AD	10 December
Close of Field	19 January
File to MPR	15 February
Final Report to DoD	19 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, 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, 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, 2016

	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
<b>RETURNED</b>	<b>2284</b>	<b>1517</b>	<b>295</b>	<b>203</b>	<b>43</b>	<b>48</b>	<b>2805</b>	<b>1932</b>	<b>254</b>	<b>9</b>	<b>9390</b>
Completed (1)	2284 2.29%	1517 1.52%	295 0.30%	203 0.20%	43 0.04%	48 0.05%	2804 2.81%	1927 1.93%	253 0.25%	9 0.01%	9383 9.39%
Ineligible (2)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	5 0.01%	1 0.00%	0 0.00%	7 0.01%
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%
<b>NO RETURN</b>	<b>16441</b>	<b>32656</b>	<b>2063</b>	<b>4699</b>	<b>706</b>	<b>1213</b>	<b>11450</b>	<b>13664</b>	<b>1141</b>	<b>240</b>	<b>84273</b>
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)	13 0.01%	4 0.00%	1 0.00%	1 0.00%	0 0.00%	0 0.00%	2 0.00%	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%	0 0.00%	0 0.00%	2 0.00%	0 0.00%	2 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%	1 0.00%	0 0.00%	0 0.00%	2 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)	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	3 0.00%	1 0.00%	0 0.00%	6 0.01%
Other Eligible (16)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	6 0.01%	4 0.00%	2 0.00%	0 0.00%	12 0.01%
No Reason (17)	16427 16.45%	32652 32.69%	2062 2.06%	4698 4.70%	706 0.71%	1213 1.21%	11440 11.45%	13650 13.67%	1136 1.14%	240 0.24%	84224 84.33%
<b>PND</b>	<b>1858</b>	<b>2280</b>	<b>272</b>	<b>190</b>	<b>43</b>	<b>52</b>	<b>366</b>	<b>578</b>	<b>112</b>	<b>50</b>	<b>5801</b>
No Address Remaining (18)	720 0.72%	1176 1.18%	123 0.12%	81 0.08%	16 0.02%	25 0.03%	230 0.23%	180 0.18%	61 0.06%	20 0.02%	2632 2.64%
Address Remains at Close of Field (19)	1046 1.05%	1093 1.09%	93 0.09%	103 0.10%	25 0.03%	27 0.03%	130 0.13%	396 0.40%	49 0.05%	13 0.01%	2975 2.98%
No Address at Start of Mailing (20)	92 0.09%	11 0.01%	56 0.06%	6 0.01%	2 0.00%	0 0.00%	6 0.01%	2 0.00%	2 0.00%	17 0.02%	194 0.19%
<b>MISCELLANEOUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Written Refusal without Reason (21)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 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
<b>DEPLOYED</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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%	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%
<b>SAMPLE REFRESH</b>	<b>100</b>	<b>167</b>	<b>20</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>22</b>	<b>15</b>	<b>3</b>	<b>77</b>	<b>415</b>
Deceased Indicated by Altarm- DEERS Update(25)	0 0.00%	5 0.01%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	16 0.02%	10 0.01%	1 0.00%	1 0.00%	34 0.03%
Not Eligible Indicated by Altarm- DEERS Update (26)	100 0.10%	162 0.16%	20 0.02%	8 0.01%	1 0.00%	1 0.00%	6 0.01%	5 0.01%	2 0.00%	76 0.08%	381 0.38%
<b>TOTALS</b>	<b>20683</b>	<b>36620</b>	<b>2650</b>	<b>5101</b>	<b>793</b>	<b>1314</b>	<b>14644</b>	<b>16189</b>	<b>1510</b>	<b>376</b>	<b>99880</b>
<b>YIELD RATE</b>	<b>11.04%</b>	<b>4.14%</b>	<b>11.13%</b>	<b>3.98%</b>	<b>5.42%</b>	<b>3.65%</b>	<b>19.15%</b>	<b>11.90%</b>	<b>16.75%</b>	<b>2.39%</b>	<b>9.39%</b>



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## Chapter

## 3

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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 2016 Adult HCSDB data file are listed below and summarized in Table 3.1. The naming conventions remain constant across the three quarters of the 2016 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 ("16") 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 ("16"). 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 2015 HCSDB VARIABLES – QUARTER II

1 <sup>st</sup> Character: Survey Type	2 <sup>nd</sup> – 3 <sup>rd</sup> Characters: Survey Year	4 <sup>th</sup> – 6 <sup>th</sup> Characters: Question #	Additional Characters: Additional Information
H= Health Beneficiaries (18 and older, Adult Questionnaire) ----- S = Supplemental Question	16	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
1 <sup>st</sup> Character: Survey Type	2 <sup>nd</sup> – 3 <sup>rd</sup> Characters: Survey Year	4 <sup>th</sup> – 7 <sup>th</sup> Characters: Question #	Additional Characters: Additional Information
S = Supplemental Question	16	Quarter I BC01-BC10 – Supplemental questions about health care appointments.  BF1-BF6 – Supplemental questions about electronic cigarettes.	A to G are used to label responses associated with a multiple response question

1 <sup>st</sup> 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 <i>Healthy People 2020</i> 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, 2016 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: H16003, H16005, H16006, H16009, H16013, H16018, H16019, H16027, H16028, H16031, H16033, H16040, H16043, H16048, H16051, H16052, H16065, H16073, SREDA, and the race indicator variables (SRRACEA-SRRACEE).

## Weighting Procedures

The analysis of survey data from complex sample designs, such as the 2016 Adult HCSDDB, 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 2016 weighting, see “2016 Health Care Survey of DoD Beneficiaries: Technical Manual”.

## Chapter

## 4

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## 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 2016 Quarter I HCSDB dataset.

### HOW TO MAKE A TABLE USING SAS

The Quarter I, 2016 Adult HCSDB dataset is provided in a Statistical Analysis System (SAS) 8.0 format. SAS is a computer software system used for data management, summarization, and analysis. Later versions of SAS can also read version 8.0 datasets. 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 2016 Quarter I adult dataset is located on a CD-ROM in the subdirectory HCSDB16\FORMA\Q1, your LIBNAME statement must look like this:

```
LIBNAME INFORMA 'F:\HCSDB16\FORMA\Q1';
```

The adult dataset can then be referred to as INFORMA.HCSDB16, where INFORMA is the location of the file HCSDB16.

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:\HCSDB16\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 H16050 H16052;
```

- 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 INFORM 'F:\HCSDB16\FORMA\Q1';  
DATA SVC_1;  
/* Input file is HCSDB16 */  
SET INFORM.HCSDB16;  
IF SVCSMPL = 1;  
RUN;
```

- Create a new permanent dataset. For example, OUT.SVC\_2 is a permanent dataset only of Navy respondents:

```
LIBNAME INFORM 'F:\HCSDB16\FORMA\Q1';  
LIBNAME OUT 'C:\HCSDB16\FORMA\Q1';  
DATA OUT.SVC_2;  
SET INFORM.HCSDB16;  
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, 2016, 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

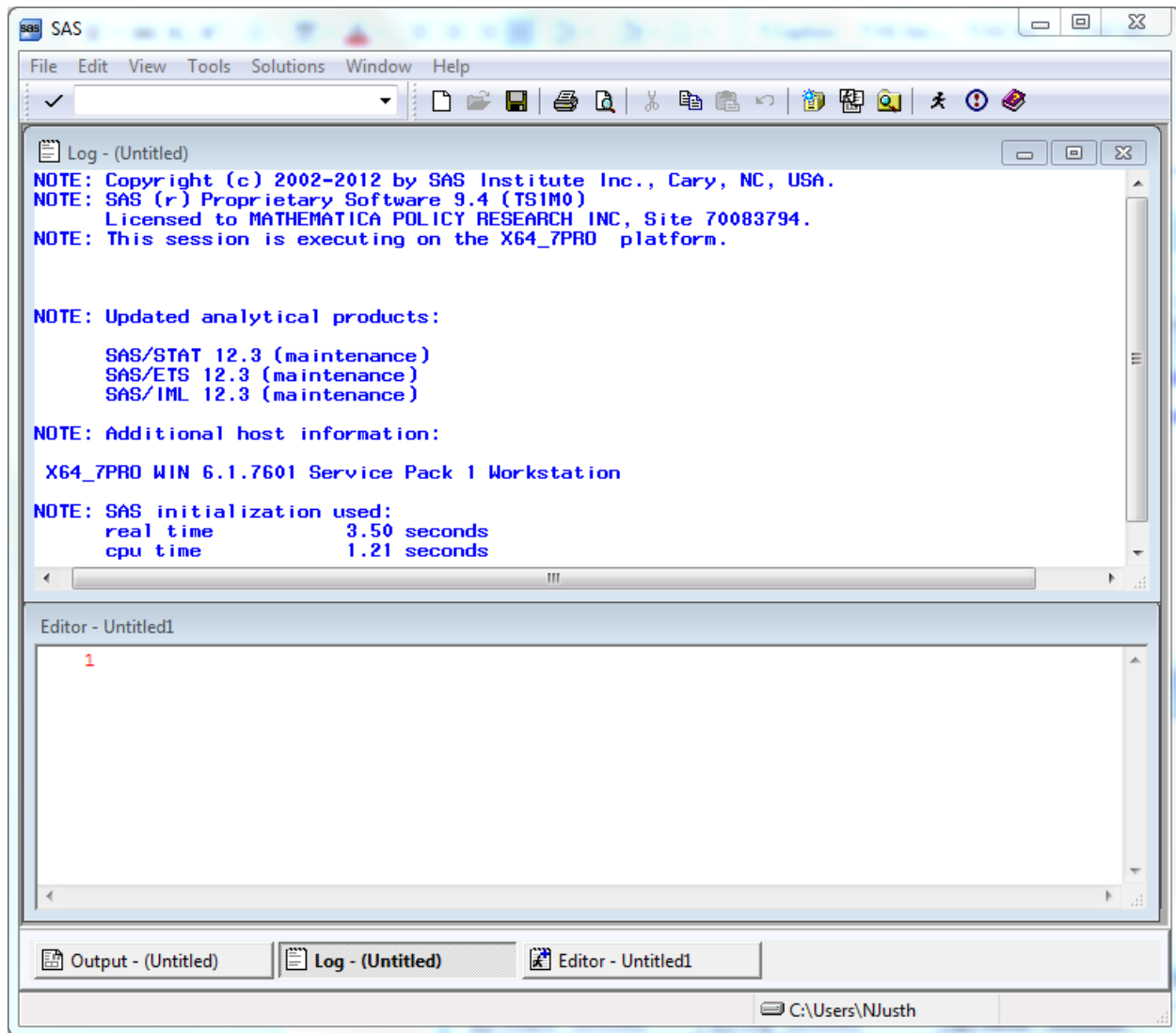


- Class variables
- The universal class variable ALL, which summarizes the class variables in the same group or dimension
- Keyword for the statistic to be performed, such as MEAN, SUM, or PCTSUM
- A format modifier, which defines how to format values in cells. For example, F=8.2 will present values 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 H16018\*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 H16018 H16048.
- 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.

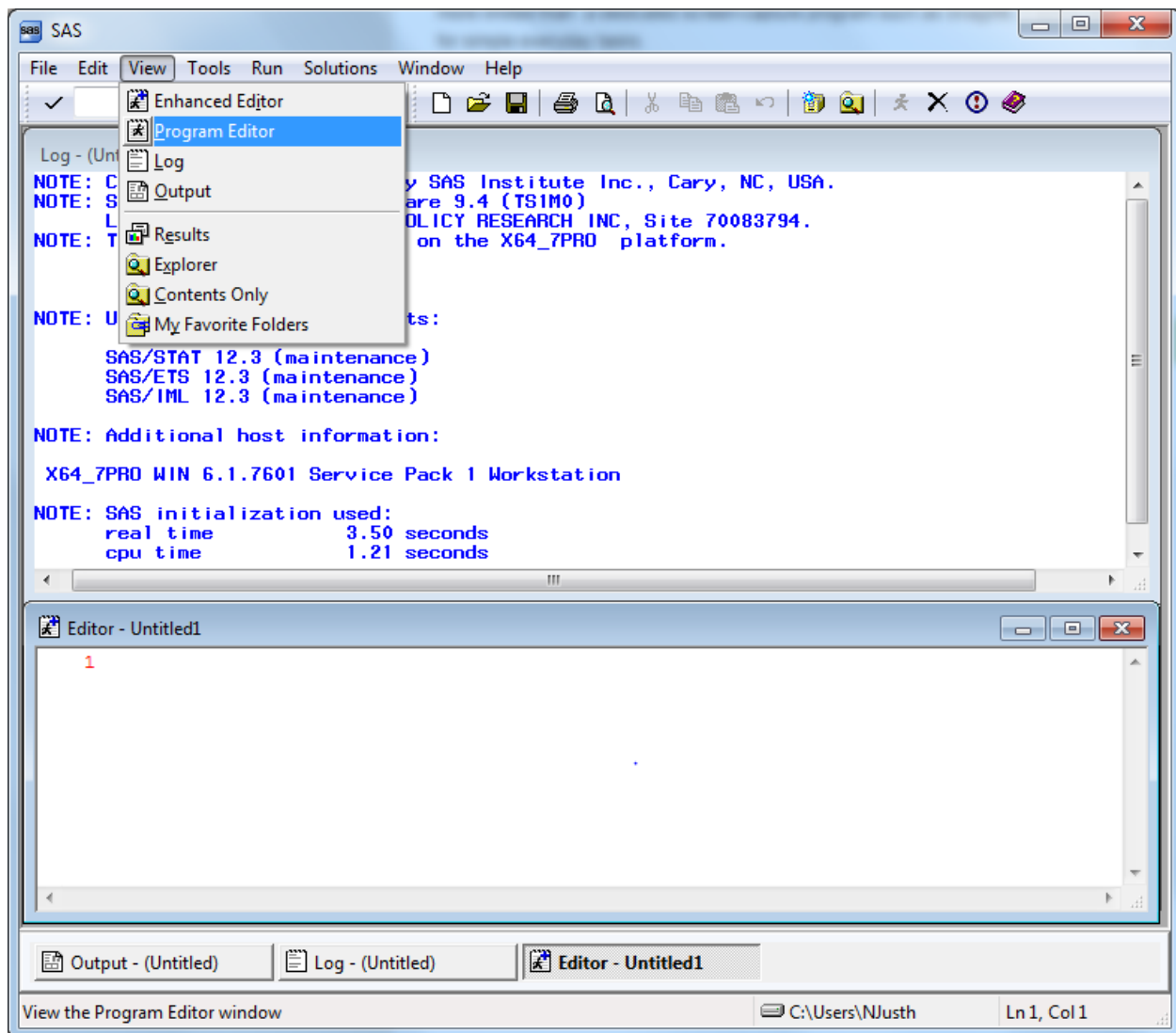


The screen is divided into two windows, a Log window above and an Editor window below.

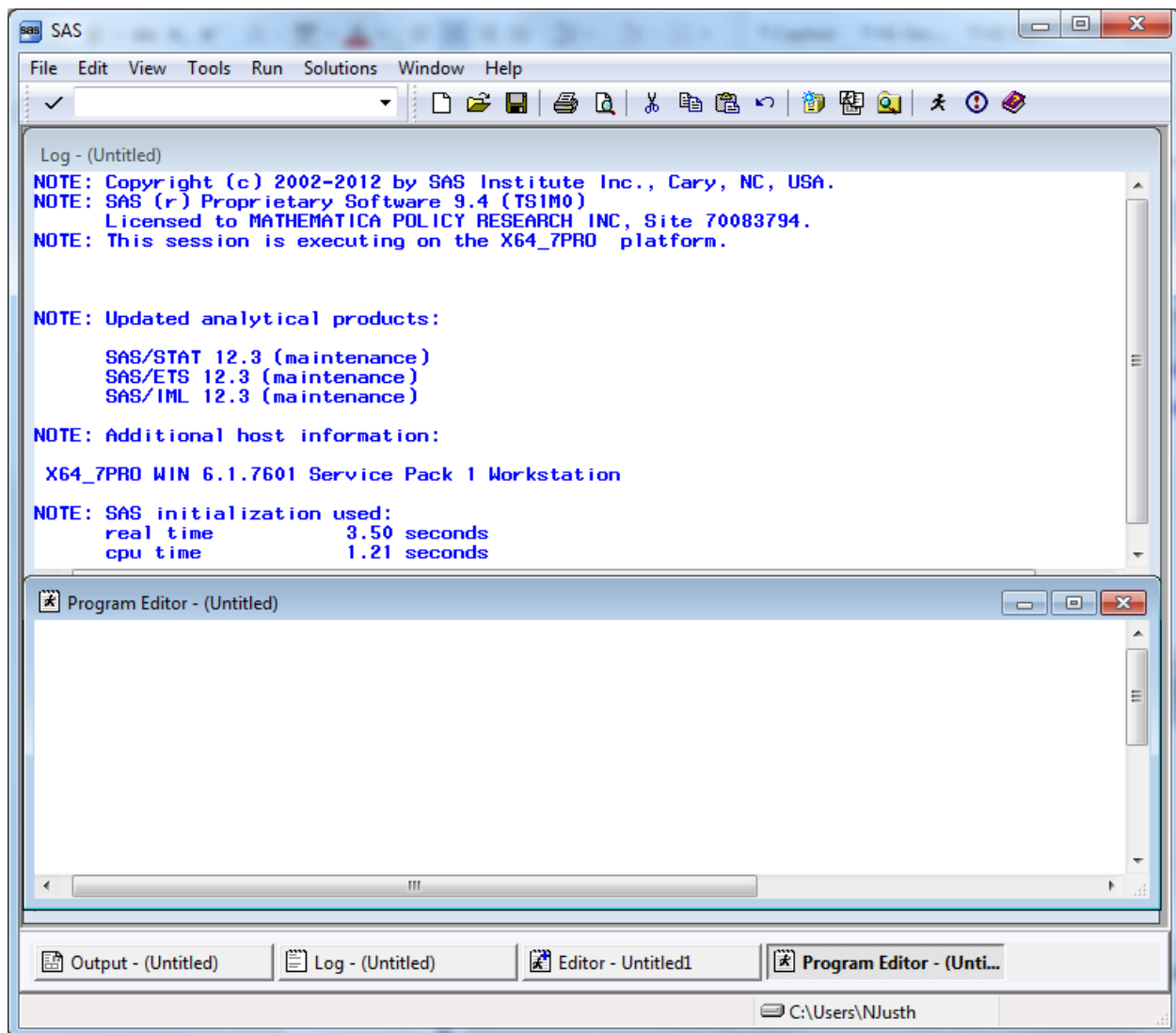
The Window Bar at the bottom of the screen includes tabs for the Log and Editor windows with an additional tab for the Output Window. Clicking on the Output tab will open the Output window. The instructions in this document will outline options for setting up the Editor and for displaying the windows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

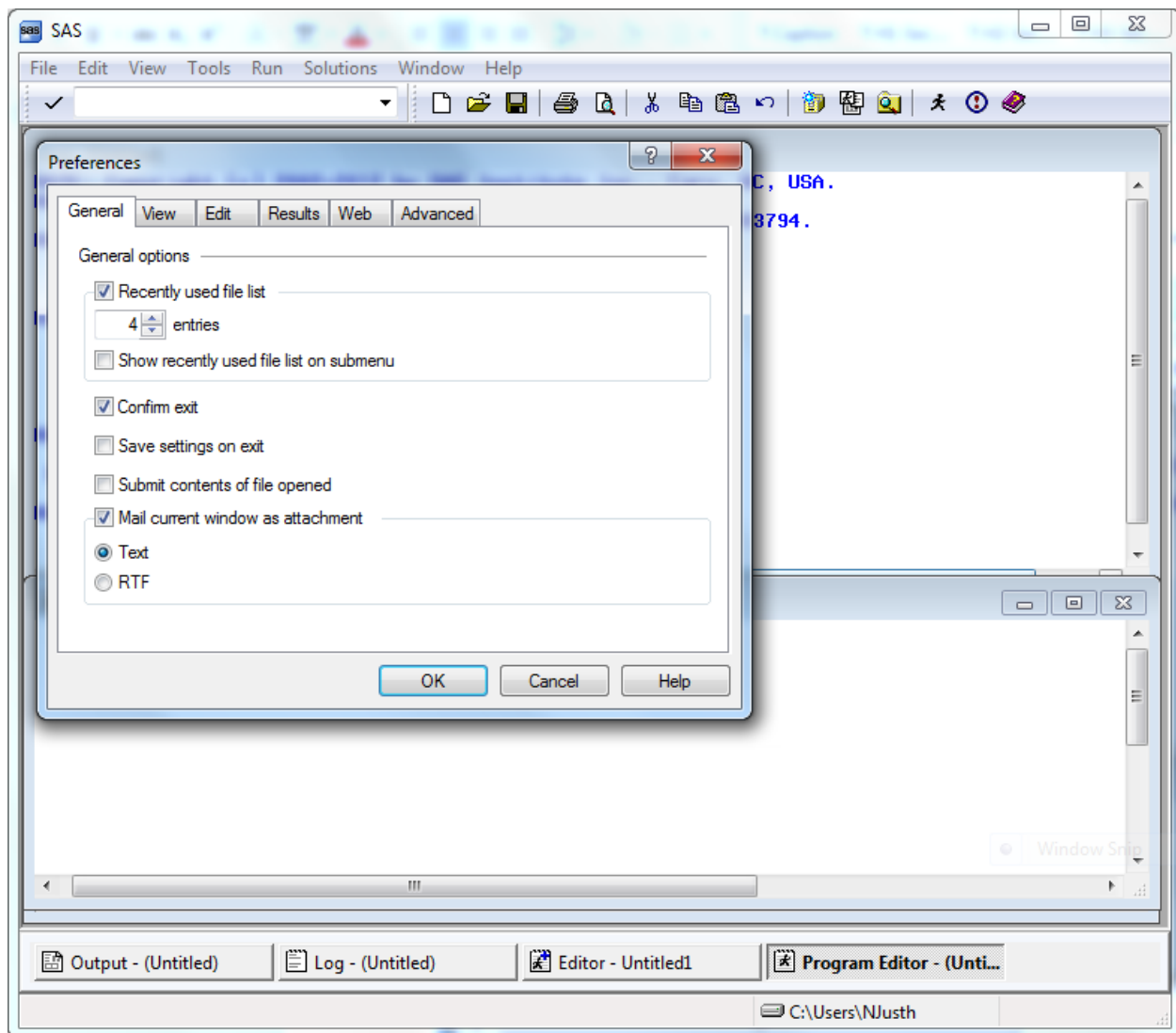
Click on View and select Program Editor as in the following:



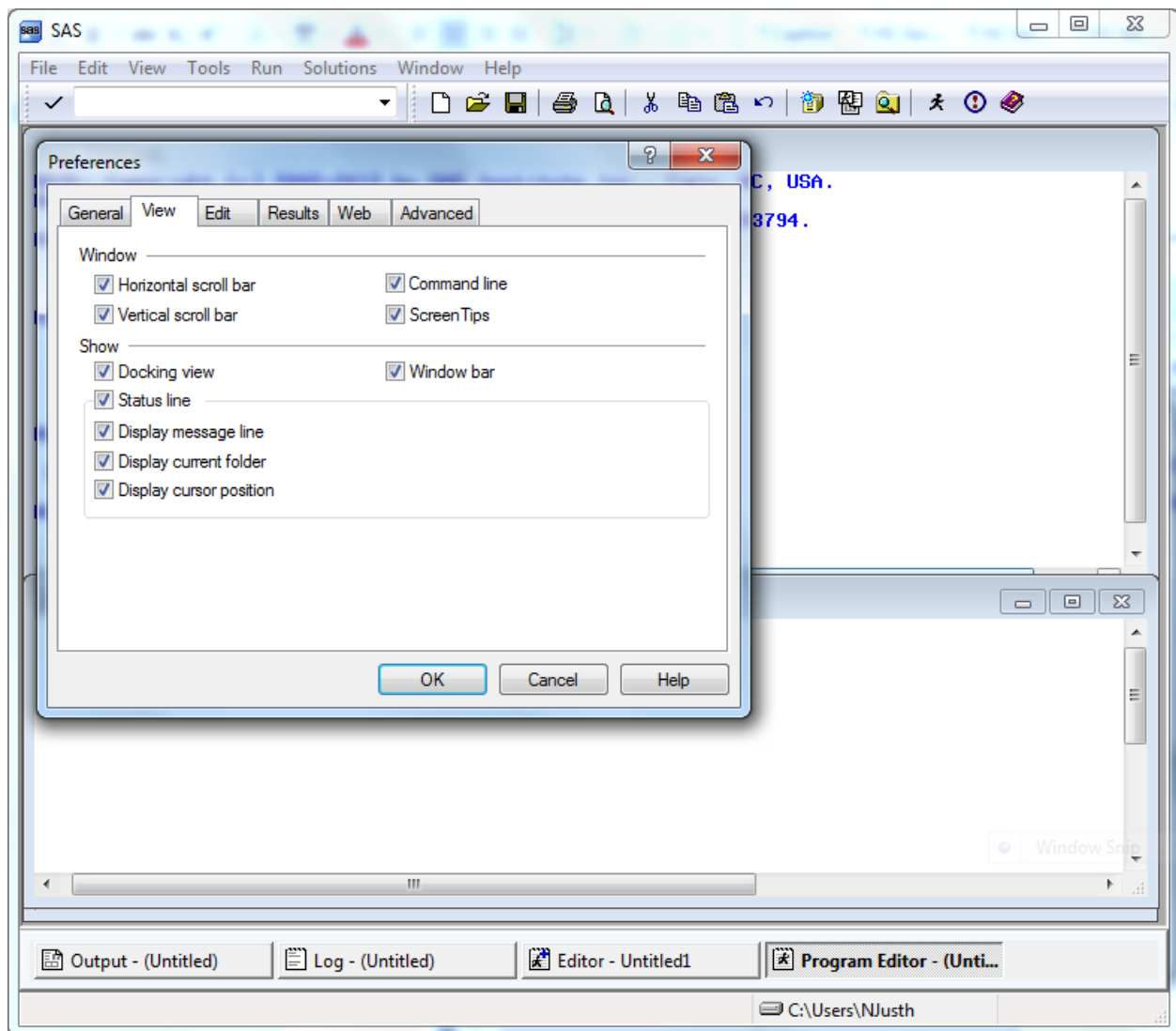
The lower Editor Window has now changed to Program Editor as in the following screen:



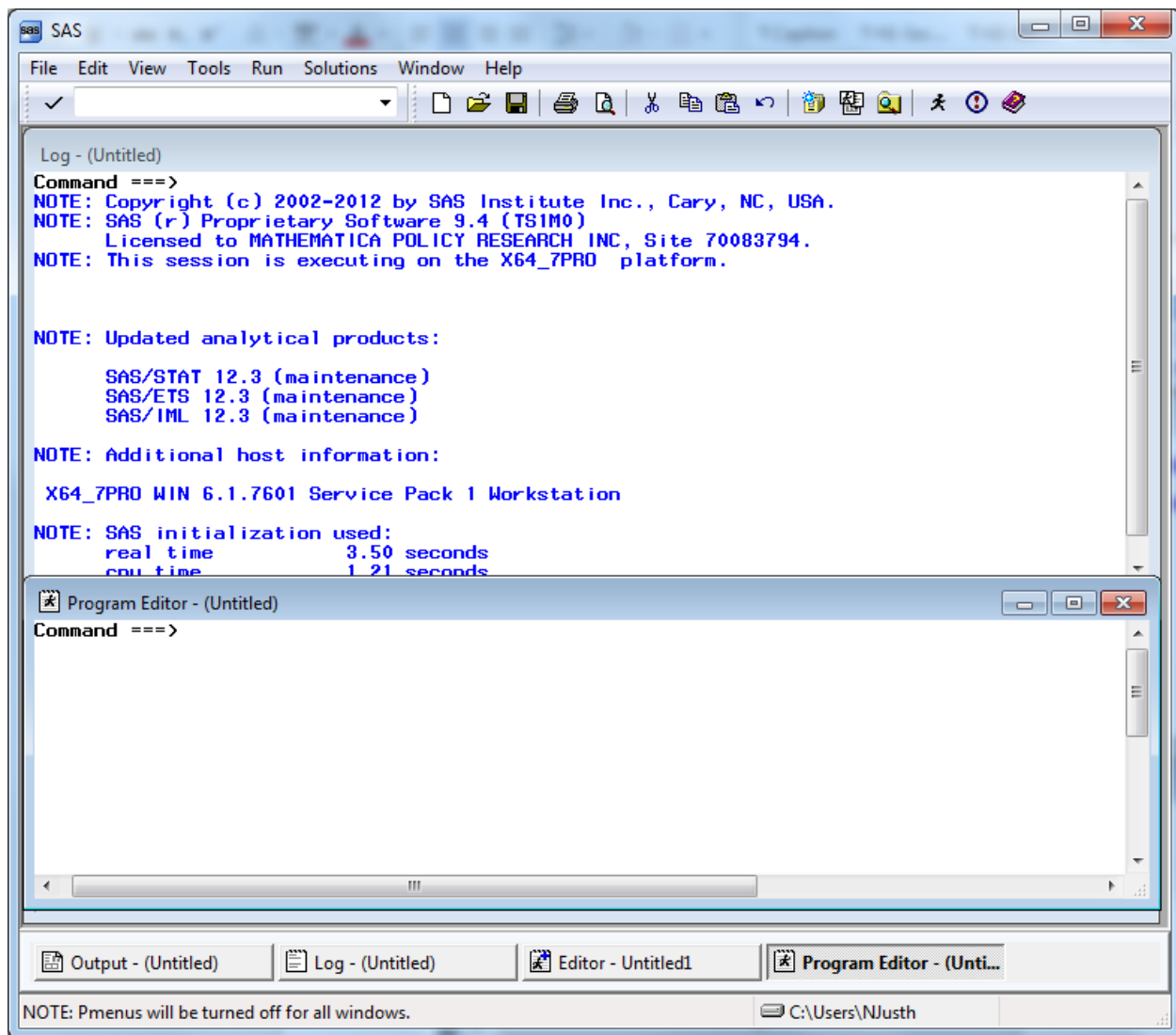
Open the Tools menu and choose Options and Preferences.



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:



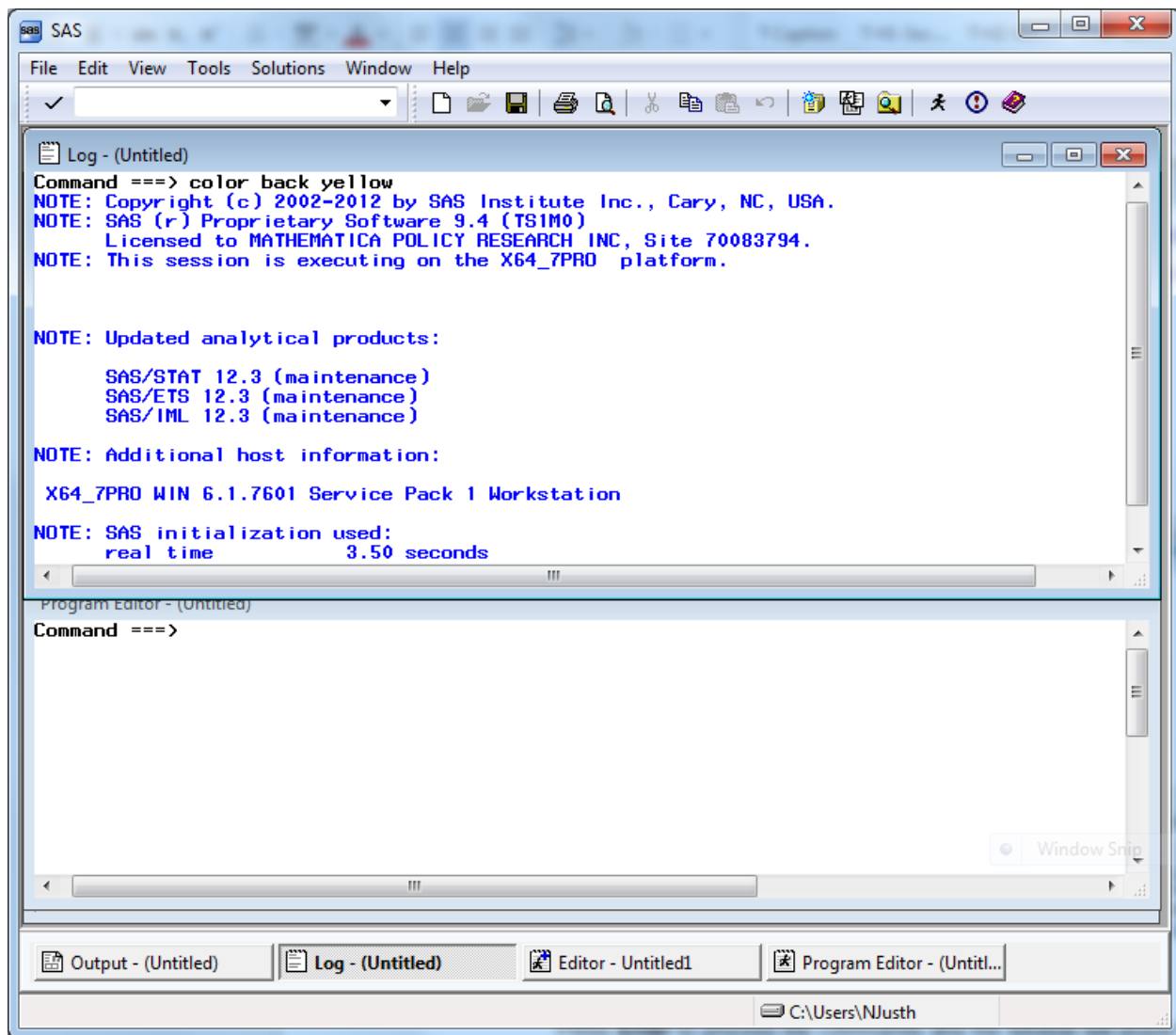
Click on OK and a command line will be added as in the screen below.



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.

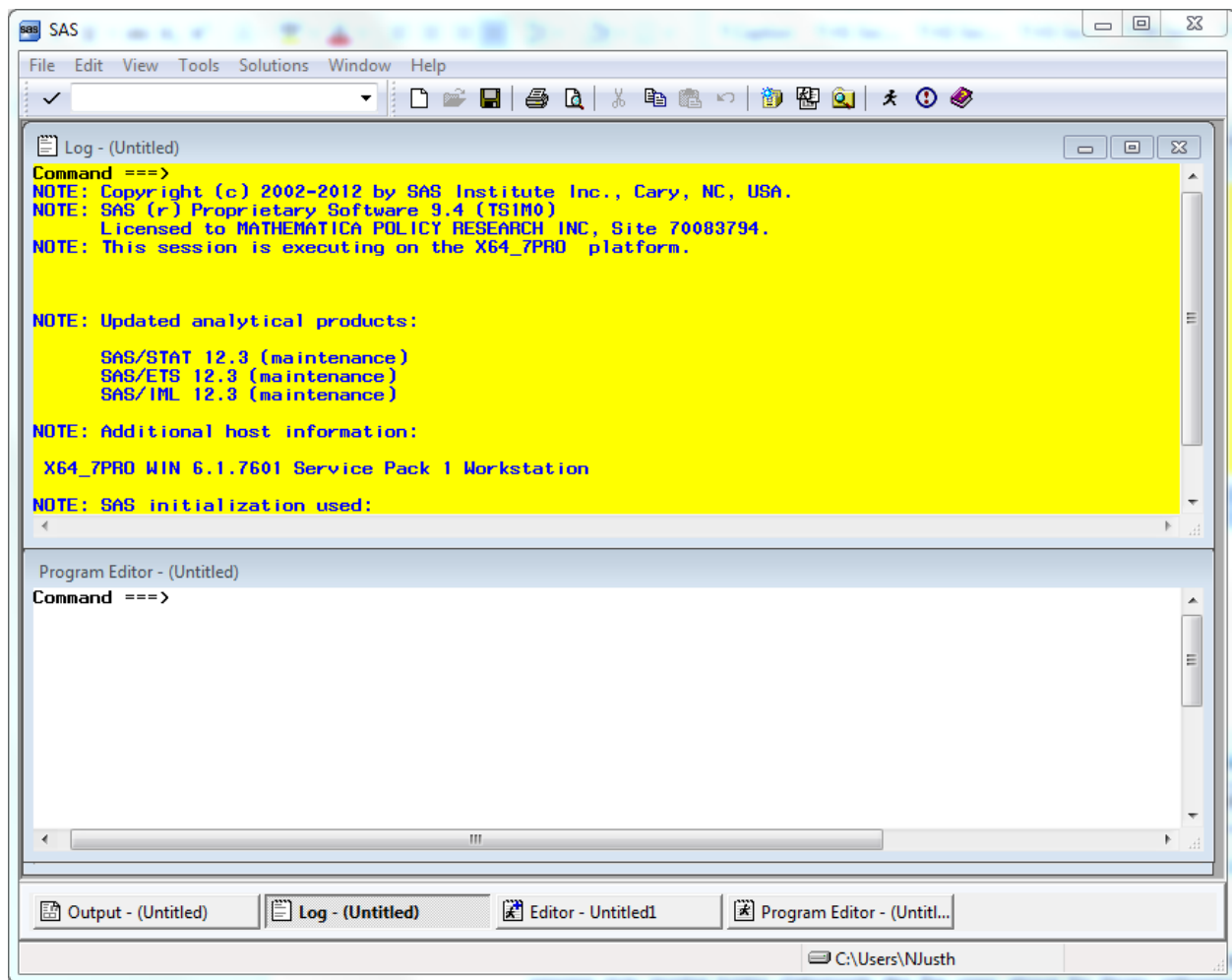
Toggling among the windows may be accomplished by typing the desired window name at the command line and pressing **Enter**. SAS recognizes **Pgm** as the abbreviated reference to the Program Editor and **Out** as a shortened name for the Output window. A few keystrokes allow you to navigate among the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



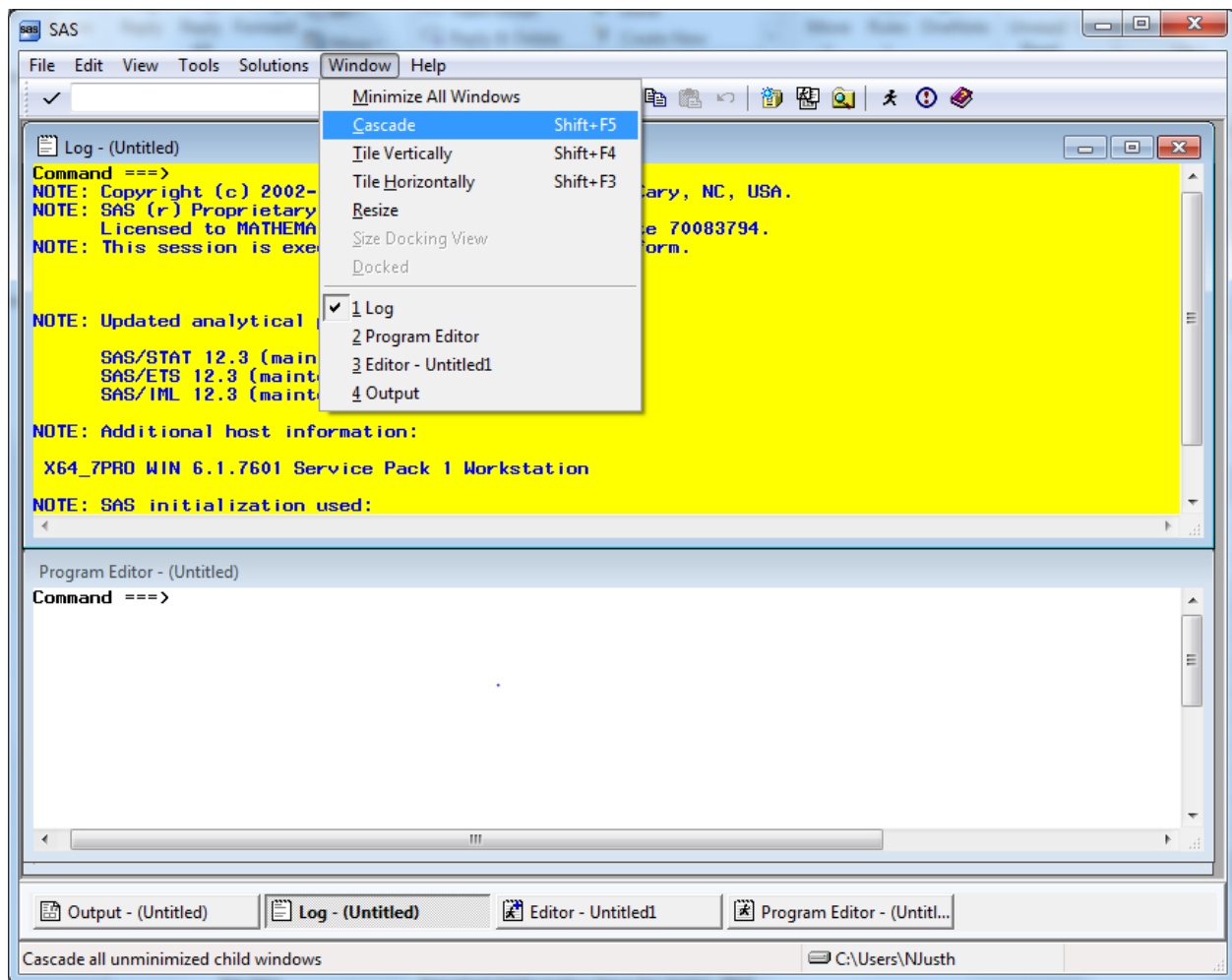
Press **Enter** to process the commands and the window will shade to yellow. Toggle to the Output window by typing **Out** and keying **Enter**. Type **color back gray** and key **Enter**. Return to the Program Editor and the screen will look like the following.



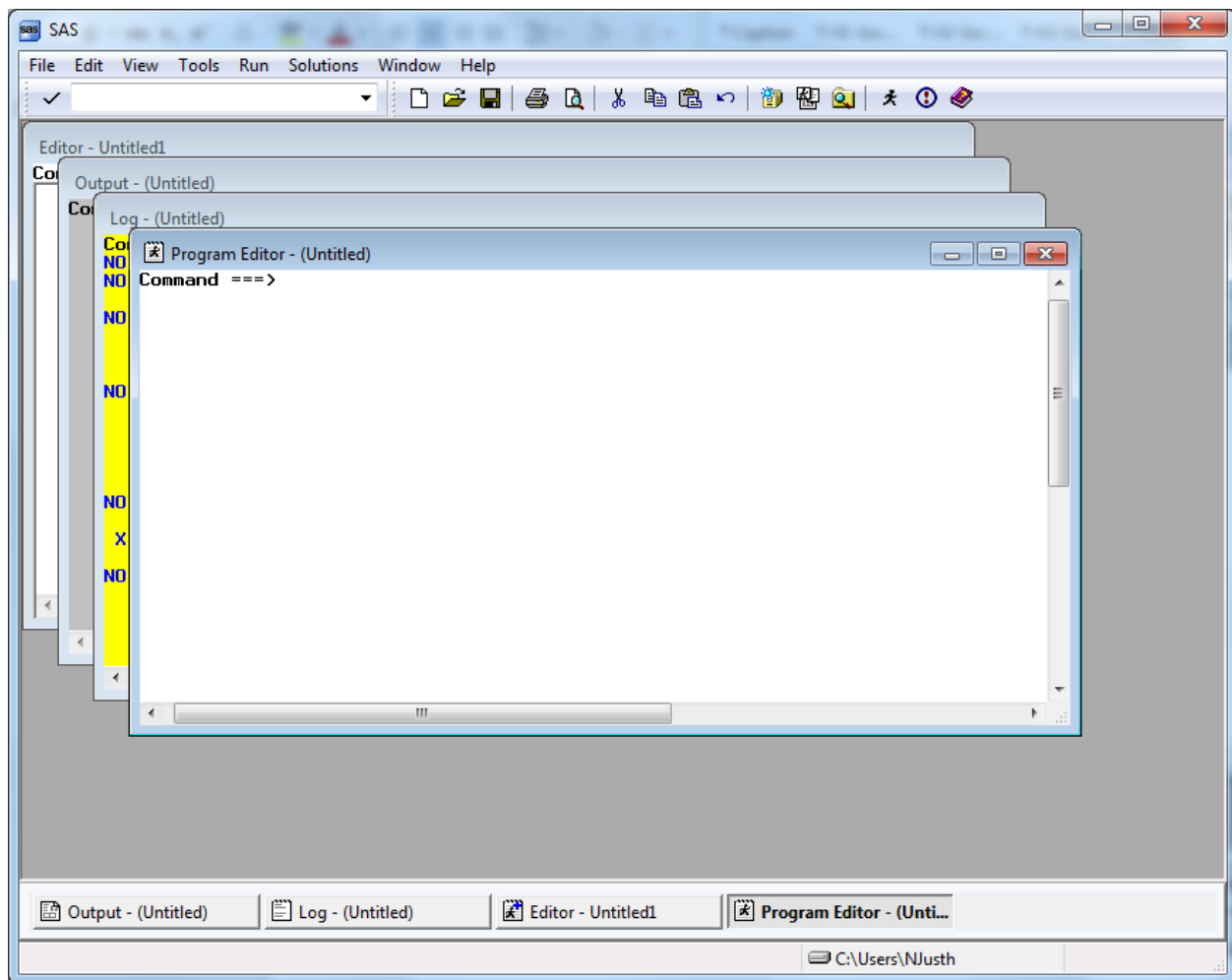


All SAS statements for building and processing SAS datasets are typed into the Program editor. A SAS session may involve typing statements like the ones above for library reference, computing new variables, data steps, etc. Entering a long series of statements in such a small space may be awkward, so another arrangement for the windows may be preferable.

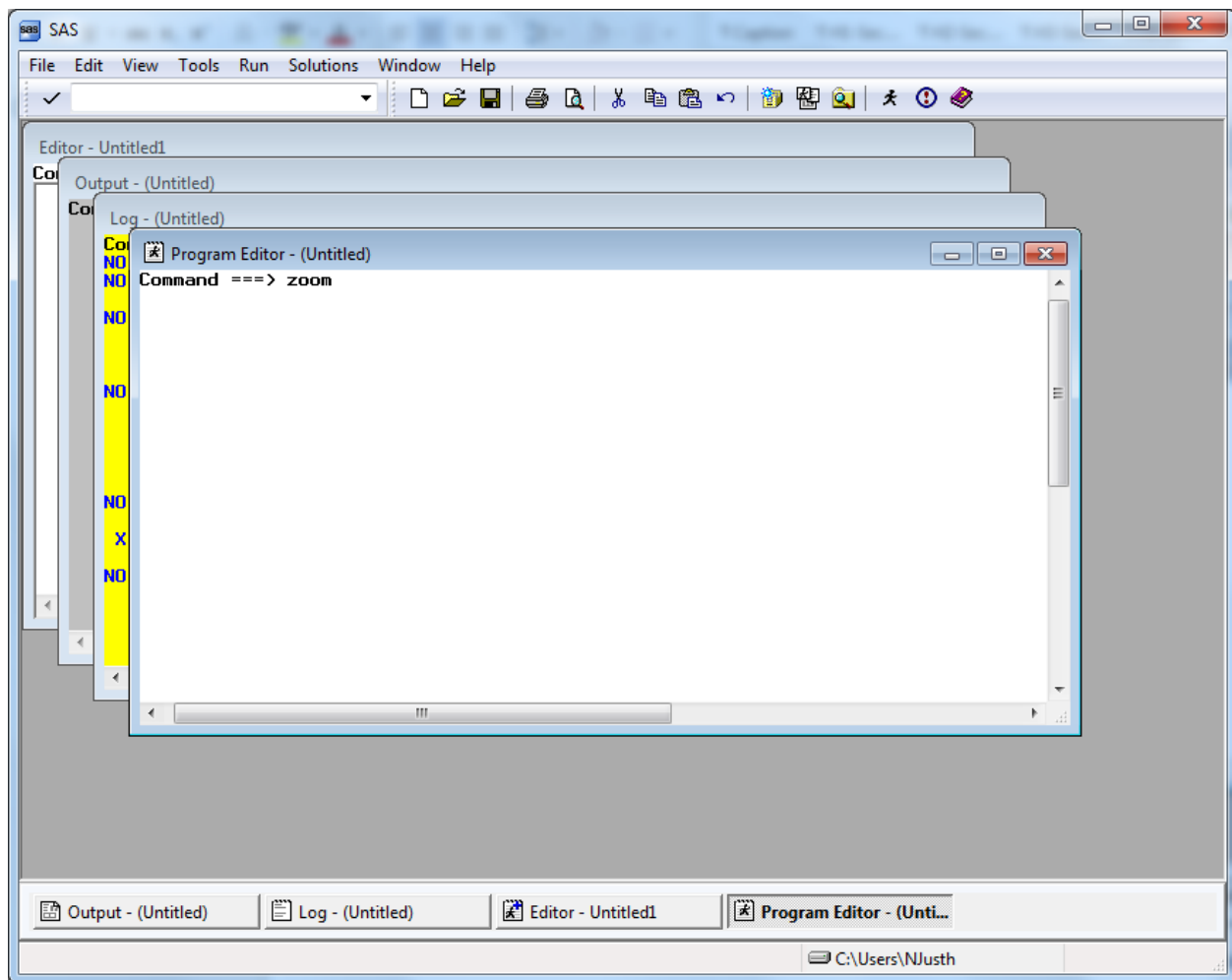
*Cascading* the windows is one option. To cascade the windows, open the **Window** menu, and choose **Cascade** as indicated in the following.



Clicking the option Cascade produces the following result.

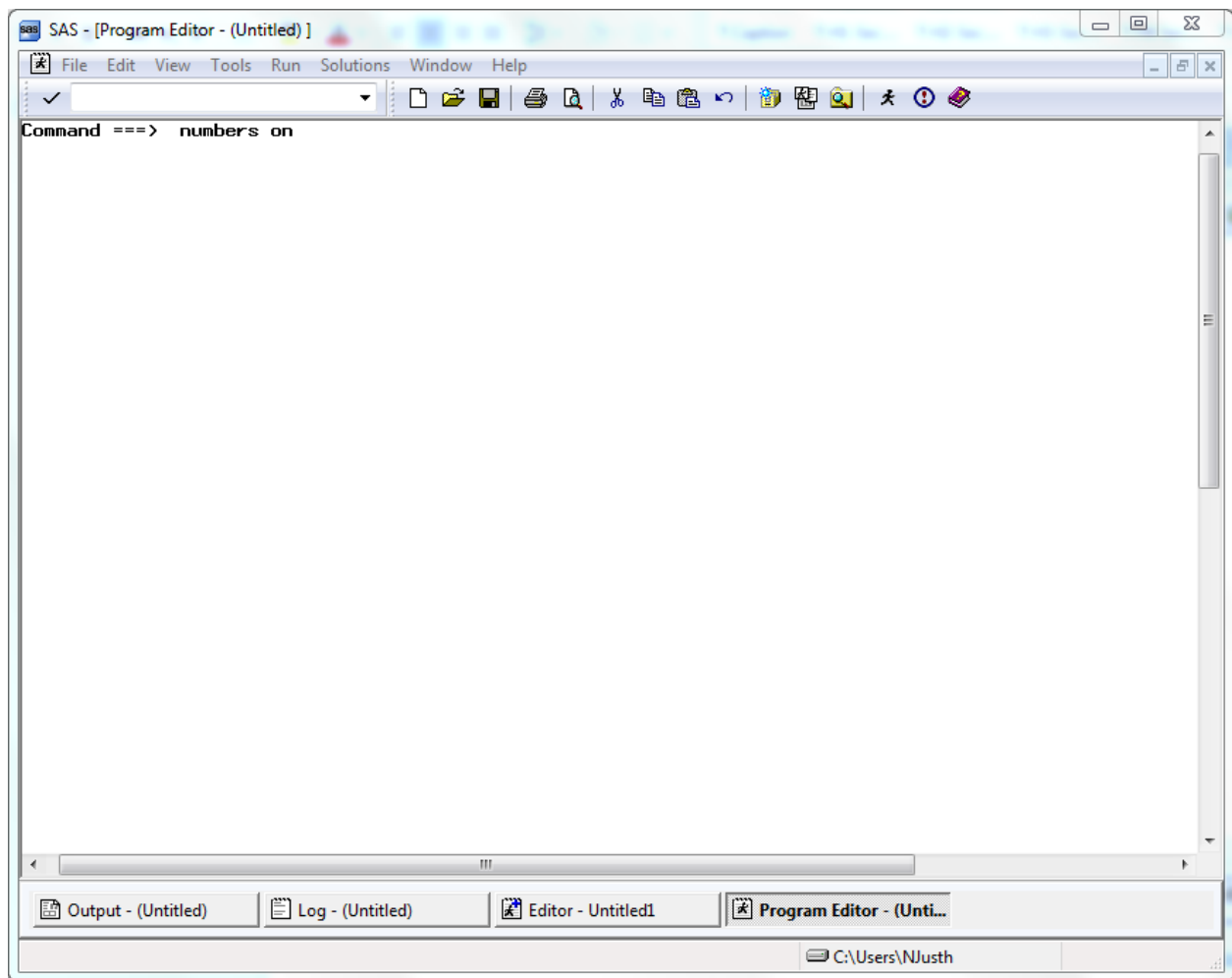


Each window is partly superimposed on the other. The colors distinguish between windows at a glance. With the Program Editor in front, SAS statements may be typed there with relative ease. As a final option, you can enlarge the Program Editor to fill the entire screen. At the command line, type **zoom** as in the following:

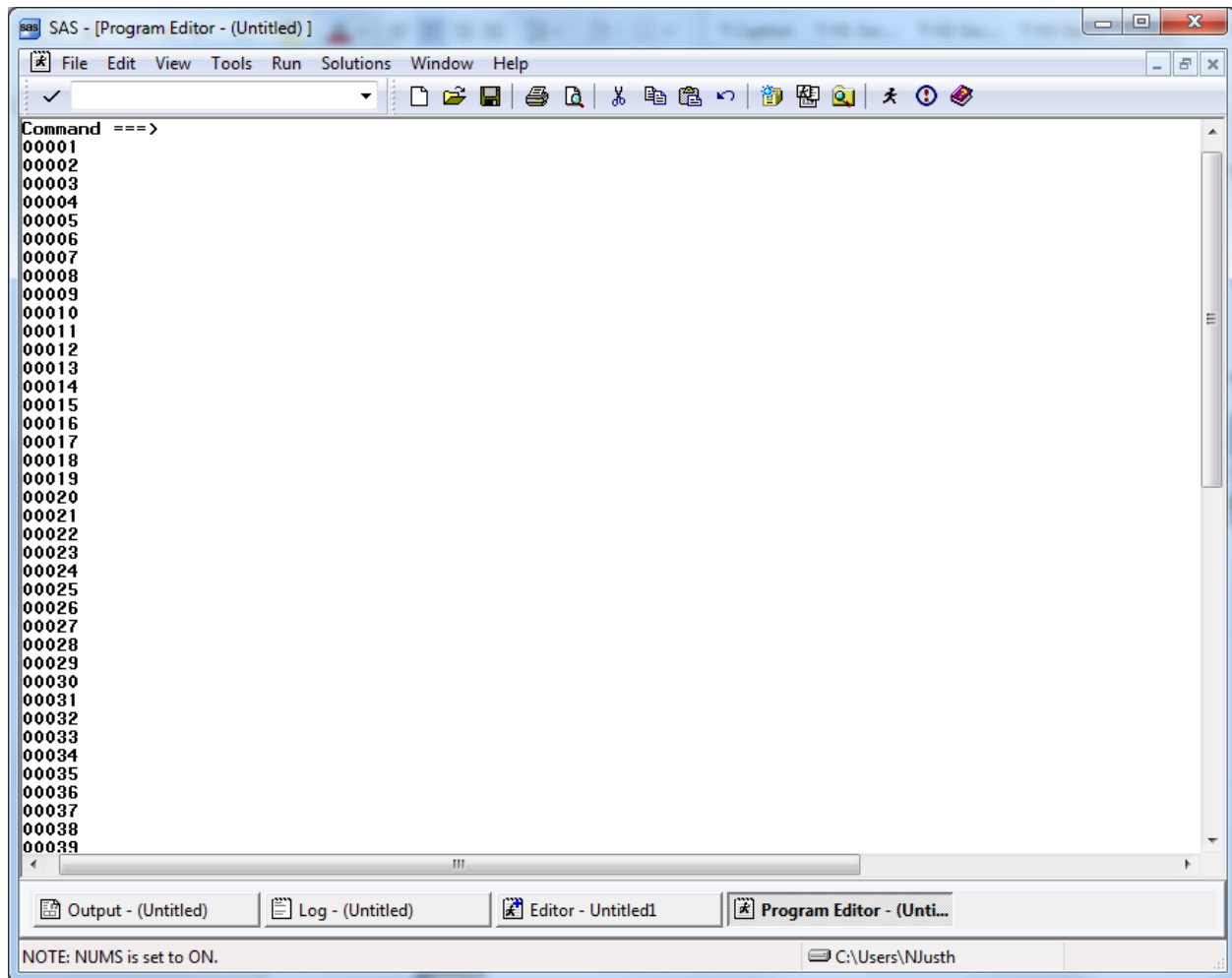


The window changes to fill the screen.

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 (H16072 and H16065) 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**.

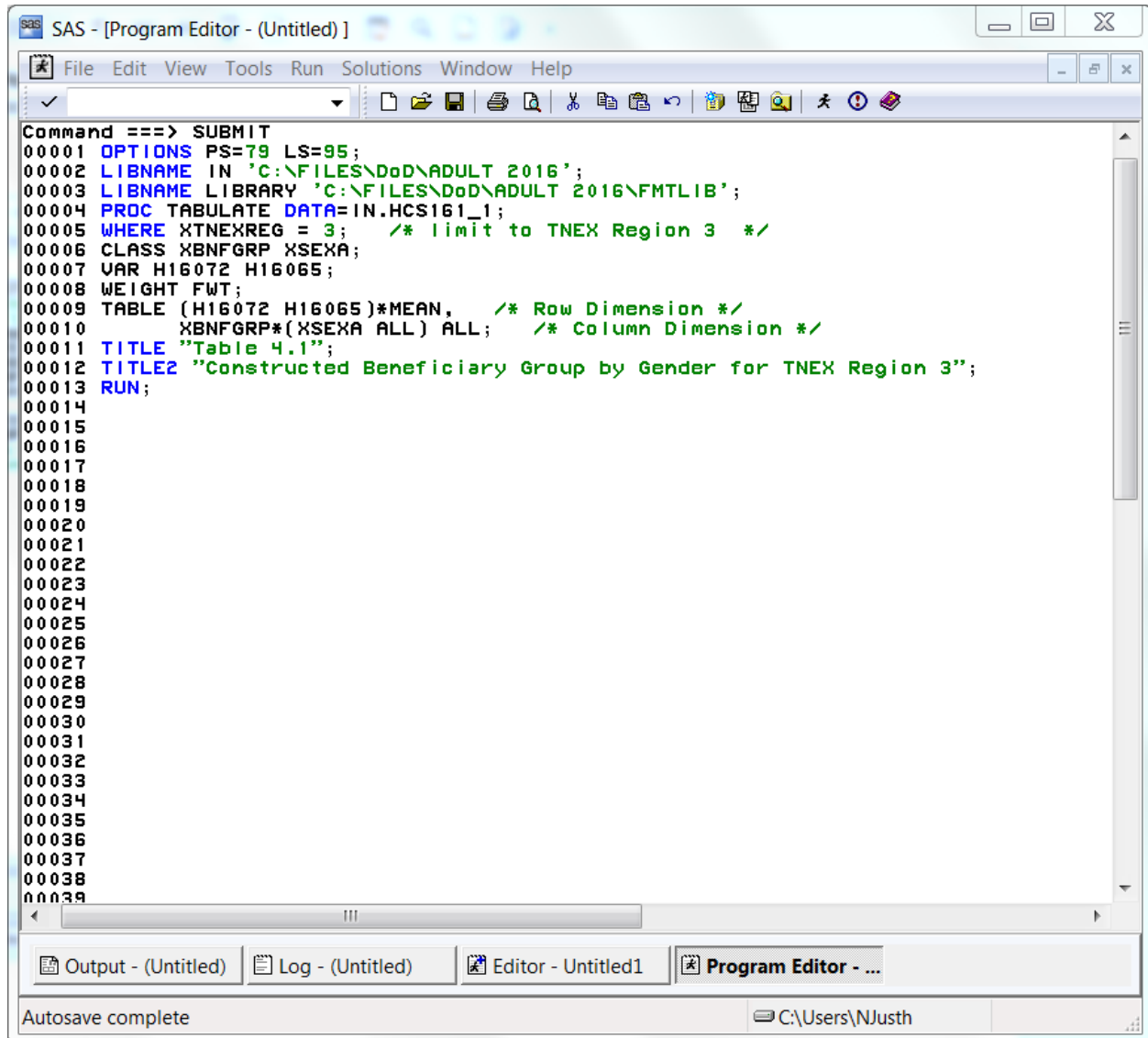
```

OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2016';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
PROC TABULATE DATA=IN.HCS161_1;
WHERE XTNEXREG = 3; /* limit to TNEX Region 3 */
CLASS XBNFGRP XSEXA;
VAR H16072 H16065;
WEIGHT FWT;
TABLE (H16072 H16065)*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.



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 ==>
  SAS/STAT 12.3 (maintenance)
  SAS/ETS 12.3 (maintenance)
  SAS/IML 12.3 (maintenance)
NOTE: Additional host information:
  X64_7PRO WIN 6.1.7601 Service Pack 1 Workstation
NOTE: SAS initialization used:
  real time      4.67 seconds
  cpu time       1.34 seconds
1  OPTIONS PS=79 LS=95;
2  LIBNAME IN 'C:\FILES\DoD\ADULT 2016';
NOTE: Libref IN was successfully assigned as follows:
  Engine:      V9
  Physical Name: C:\FILES\DoD\ADULT 2016
3  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
NOTE: Libref LIBRARY was successfully assigned as follows:
  Engine:      V9
  Physical Name: C:\FILES\DoD\ADULT 2016\FMTLIB
4  PROC TABULATE DATA=IN.HCS161_1;
NOTE: Writing HTML Body file: sashtml.htm
5  WHERE XTNEXREG = 3; /* limit to TNEX Region 3 */
6  CLASS XBNFGRP XSEX;
7  VAR H16072 H16065;
8  WEIGHT FWT;
ERROR: Variable FWT not found.
9  TABLE (H16072 H16065)*MEAN, /* Row Dimension */
10     XBNFGRP*(XSEX ALL) ALL; /* Column Dimension */
11  TITLE "Table 4.1";
12  TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 3";
13  RUN;
NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE TABULATE used (Total process time):
  real time      1.03 seconds
  cpu time       0.70 seconds
Output - (Untitled) | Log - (Untitled) | Editor - Untitled1 | Program Editor - (...)
NOTE: At bottom.
C:\Users\NJusth

```

The variable **FWT** 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.



SAS - [Results Viewer - SAS Output]

File Edit View Go Tools Solutions Window Help

Command ===>

**Table 4.1**

**Constructed Beneficiary Group by Gender for TNEX Region 3**

		Beneficiary Group											All	
		Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/Fam 65+			
		Male or Female - R		All	Male or Female - R		All	Male or Female - R		All	Male or Female - R		All	
		Male	Female		Male	Female		Male	Female		Male	Female		
Weight without shoes	Mean	184.56	151.49	178.61	175.39	153.42	155.51	200.91	159.60	178.18	199.97	159.90	181.01	175.89
In gnrl, how would you rate ovrrall hlth	Mean	3.84	3.45	3.77	3.97	3.80	3.82	3.49	3.64	3.57	3.45	3.40	3.43	3.60

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

Done

C:\Users\NJusth

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		All	Male or Female - R		
		Male	Female		Male	Female	
Weight without shoes	Mean	184.56	151.49	178.61	175.39	153.42	

In gnrl, how would you rate ovrall hlth	Mean					
		3.84	3.45	3.77	3.97	3.80

(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	155.51	200.91	159.60	178.18	199.97
In gnrl, how would you rate ovrall hlth	Mean	3.82	3.49	3.64	3.57	3.45

(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	159.90	181.01	175.89
In gnrl, how would you rate ovrall hlth	Mean	3.40	3.43	3.60

## 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 2016\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 2016’;

**LIBNAME LIBRARY** ‘C:\FILES\DoD\ADULT 2016\FMTLIB’;

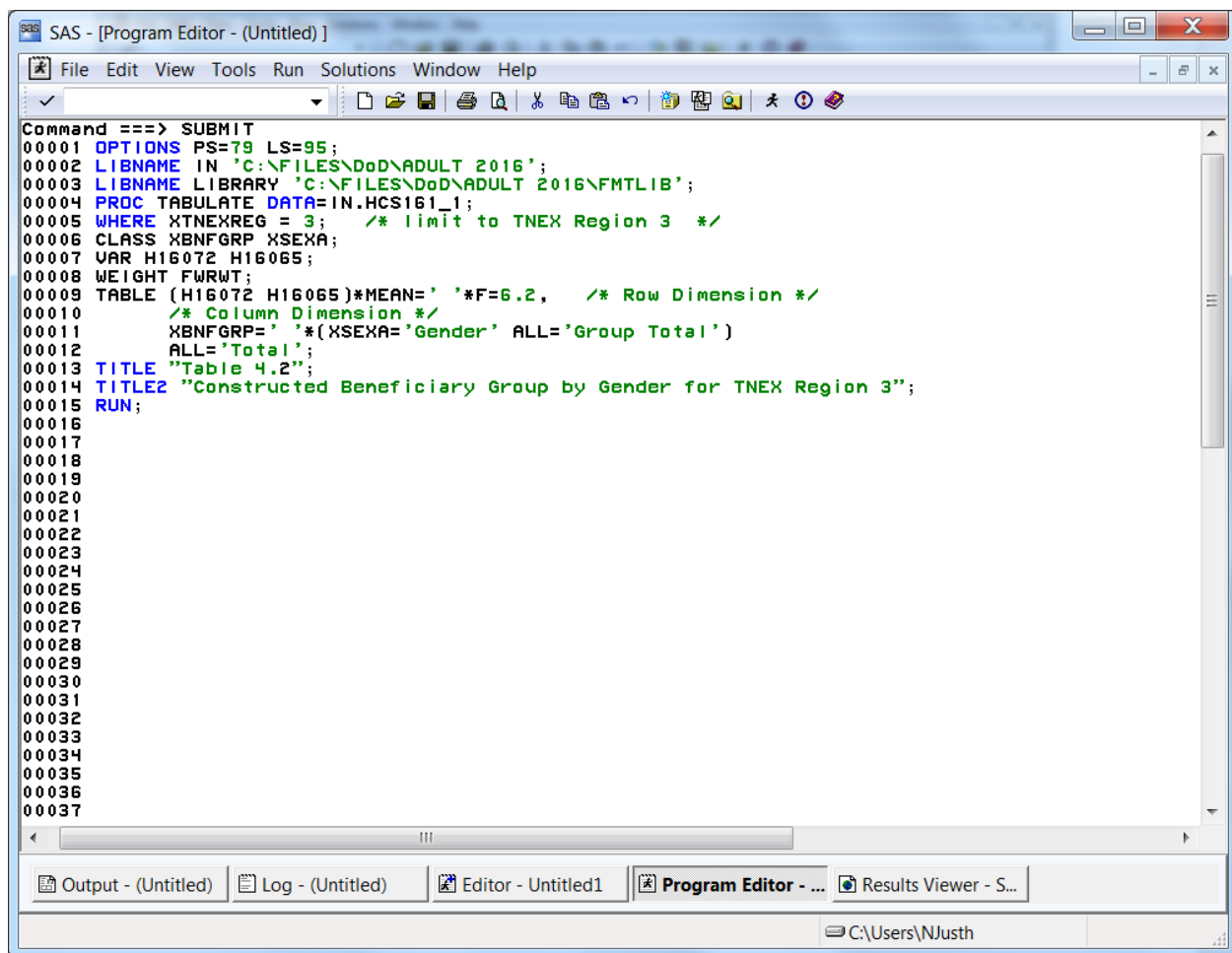
```

PROC TABULATE DATA=IN.HCS161_1;
WHERE XTNEXREG = 3; /* limit to TNEX Region 3 */
CLASS XBNFGRP XSEX;
VAR H16072 H16065;
WEIGHT FWRWT;
TABLE (H16072 H16065)*MEAN=' *F=6.2, /* Row Dimension */
/* Column Dimension */
XBNFGRP=' *(XSEX='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.

SAS - [Results Viewer - SAS Output]

File Edit View Go Tools Solutions Window Help

Command ==>

**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+			Total
	Gender		Group Total	Gender		Group Total	Gender		Group Total	Gender		Group Total	
	Male	Female		Male	Female		Male	Female		Male	Female		
Weight without shoes	184.56	151.49	178.61	175.39	153.42	155.51	200.91	159.60	178.18	199.97	159.90	181.01	175.89
In gnrl, how would you rate ovrral hlth	3.84	3.45	3.77	3.97	3.80	3.82	3.49	3.64	3.57	3.45	3.40	3.43	3.60

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

Done

C:\Users\NJusth

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/S- urv/F- am 65+
	Gender			Gender			Gender			Gender
	Group			Group			Group			Group
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male
Weight without shoes	184.56	151.49	178.61	175.39	153.42	155.51	200.91	159.60	178.18	199.97
In gnrl, how would you rate ovrall hlth	3.84	3.45	3.77	3.97	3.80	3.82	3.49	3.64	3.57	3.45

(Continued)

Table 4.2  
Constructed Beneficiary Group by Gender for TNEX Region 3

	Ret/Surv/Fam 65+		
	Gender		
	Group		
	Female	Total	Total
Weight without shoes	159.90	181.01	175.89
In gnrl, how would you rate ovrall hlth	3.40	3.43	3.60

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 2016';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
PROC TABULATE DATA=IN.HCS161_1;

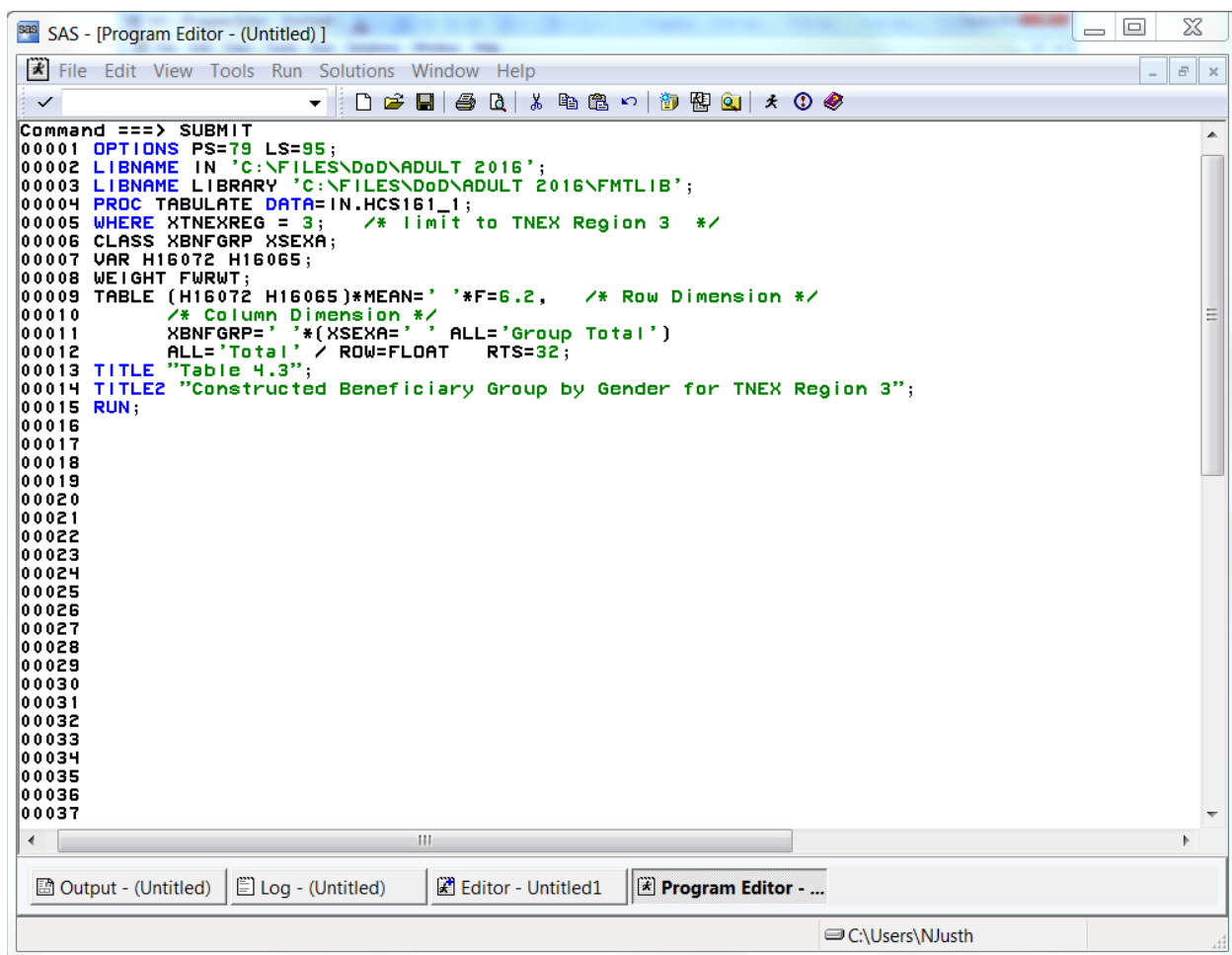
```

```

WHERE XTNEXREG = 3; /* limit to TNEX Region 3 */
CLASS XBNFGRP XSEX;
VAR H16072 H16065;
WEIGHT FWRWT;
TABLE (H16072 H16065)*MEAN='*F=6.2, /* Row Dimension */
/* Column Dimension */
XBNFGRP='*(XSEX=' , 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.



The screenshot shows the SAS Program Editor window with the following code:

```

Command ==> SUBMIT
00001  OPTIONS PS=79 LS=95;
00002  LIBNAME IN 'C:\FILES\DoD\ADULT 2016';
00003  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
00004  PROC TABULATE DATA=IN.HCS161_1;
00005  WHERE XTNEXREG = 3; /* limit to TNEX Region 3 */
00006  CLASS XBNFGRP XSEX;
00007  VAR H16072 H16065;
00008  WEIGHT FWRWT;
00009  TABLE (H16072 H16065)*MEAN='*F=6.2, /* Row Dimension */
00010  /* Column Dimension */
00011  XBNFGRP='*(XSEX=' , 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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```

The window title is "SAS - [Program Editor - (Untitled)]". The status bar at the bottom shows the user path "C:\Users\NJusth".

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+			Total
	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total	
Weight without shoes	184.56	151.49	178.61	175.39	153.42	155.51	200.91	159.60	178.18	199.97	159.90	181.01	175.89
In gnrl, how would you rate overall hlth	3.84	3.45	3.77	3.97	3.80	3.82	3.49	3.64	3.57	3.45	3.40	3.43	3.60

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			Ret/Surv/Fam 65+			Total
	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total	Male	Female	Group Total	
Weight without shoes	184.56	151.49	178.61	175.39	153.42	155.51	200.91	159.60	178.18	199.97	159.90	181.01	175.89
In gnrl, how would you rate overall hlth	3.84	3.45	3.77	3.97	3.80	3.82	3.49	3.64	3.57	3.45	3.40	3.43	3.60

(Continued)



Table 4.3  
Constructed Beneficiary Group by Gender for TNEX Region 3

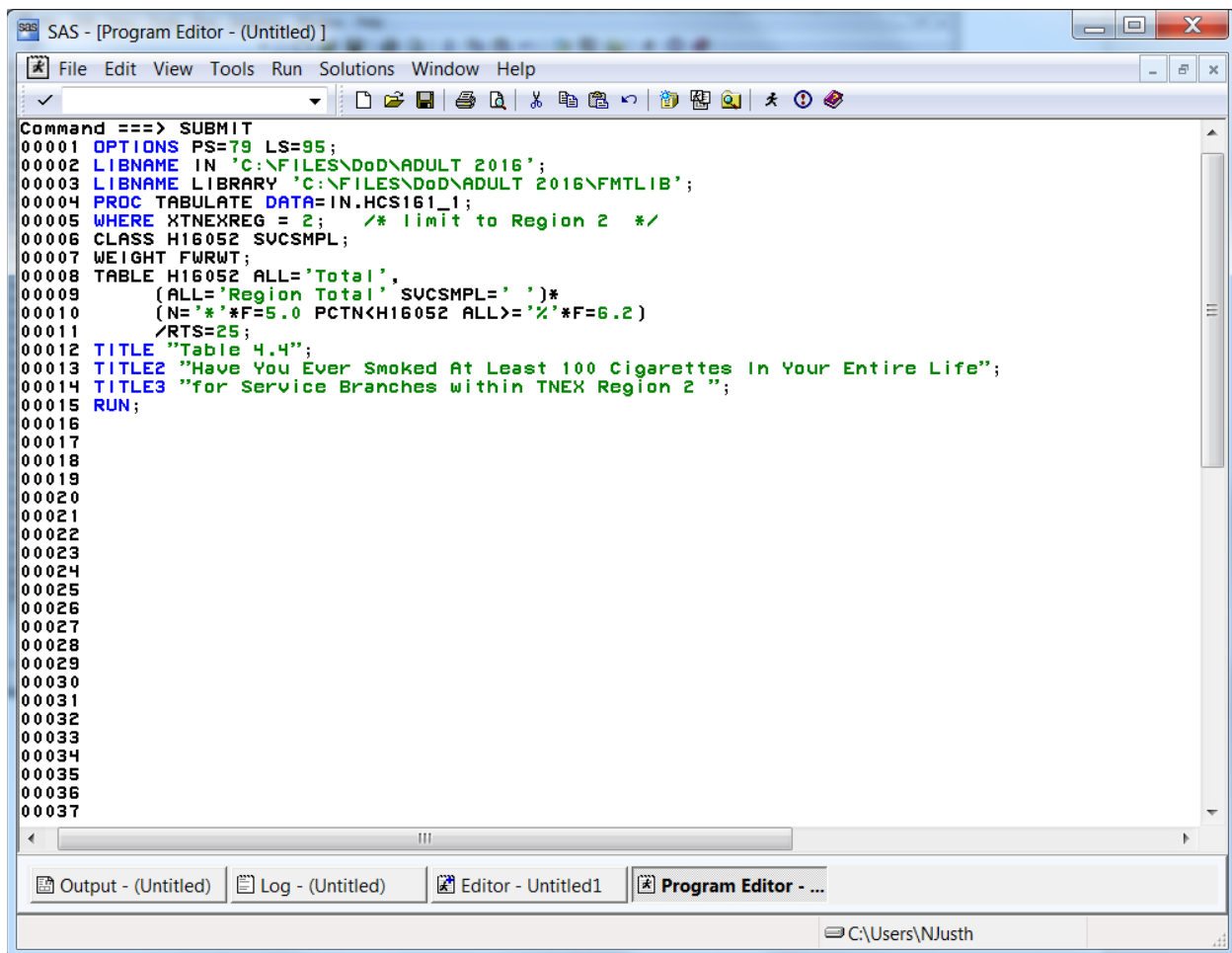
	Ret/Surv/Fam 65+			
	Group			
	Male	Female	Total	Total
Weight without shoes	199.97	159.90	181.01	175.89
In gnr1, how would you rate				
ovrall hlth	3.45	3.40	3.43	3.60

### 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 H16052, '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 H16052 ALL='Total',
(All='Region Total' SVCSMPL=' ')*(N='#'*F=5.0 PCTN<H16052 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.



The screenshot shows the SAS Program Editor window with the following code:

```
Command ==> SUBMIT
00001  OPTIONS PS=79 LS=95;
00002  LIBNAME IN 'C:\FILES\DoD\ADULT 2016';
00003  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
00004  PROC TABULATE DATA=IN.HCS161_1;
00005  WHERE XTNEXREG = 2; /* limit to Region 2 */
00006  CLASS H16052 SUCSMPL;
00007  WEIGHT FWRWT;
00008  TABLE H16052 ALL='Total',
00009          (ALL='Region Total' SUCSMPL=' ')*
00010          (N=' '*F=5.0 PCTN<H16052 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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```

The window includes a menu bar (File, Edit, View, Tools, Run, Solutions, Window, Help), a toolbar, and a taskbar at the bottom showing the file path C:\Users\NJusth.

The submitted statements produce the following output.

SAS - [Results Viewer - SAS Output]

File Edit View Go Tools Solutions Window Help

Command ===>

**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	
	*	%	*	%	*	%	*	%	*	%	*	%	*	%
<b>Smoked at least 100 cigarettes in life</b>														
<b>Yes</b>	884	35.73	286	35.57	143	38.86	37	35.58	396	34.98	20	40.00	2	12.50
<b>No</b>	1590	64.27	518	64.43	225	61.14	67	64.42	736	65.02	30	60.00	14	87.50
<b>Total</b>	2474	100.00	804	100.00	368	100.00	104	100.00	1132	100.00	50	100.00	16	100.00

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

Done C:\Users\NJusth

**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	884	35.73	286	35.57	143	38.86	37	35.58	396	34.98
No	1590	64.27	518	64.43	225	61.14	67	64.42	736	65.02
Total	2474	100.00	804	100.00	368	100.00	104	100.00	1132	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

	Coast Guard		Other/Unkn-	
	#	%	#	%
Smoked at least 100 cigarettes in life				
Yes	20	40.00	2	12.50
No	30	60.00	14	87.50
Total	50	100.00	16	100.00

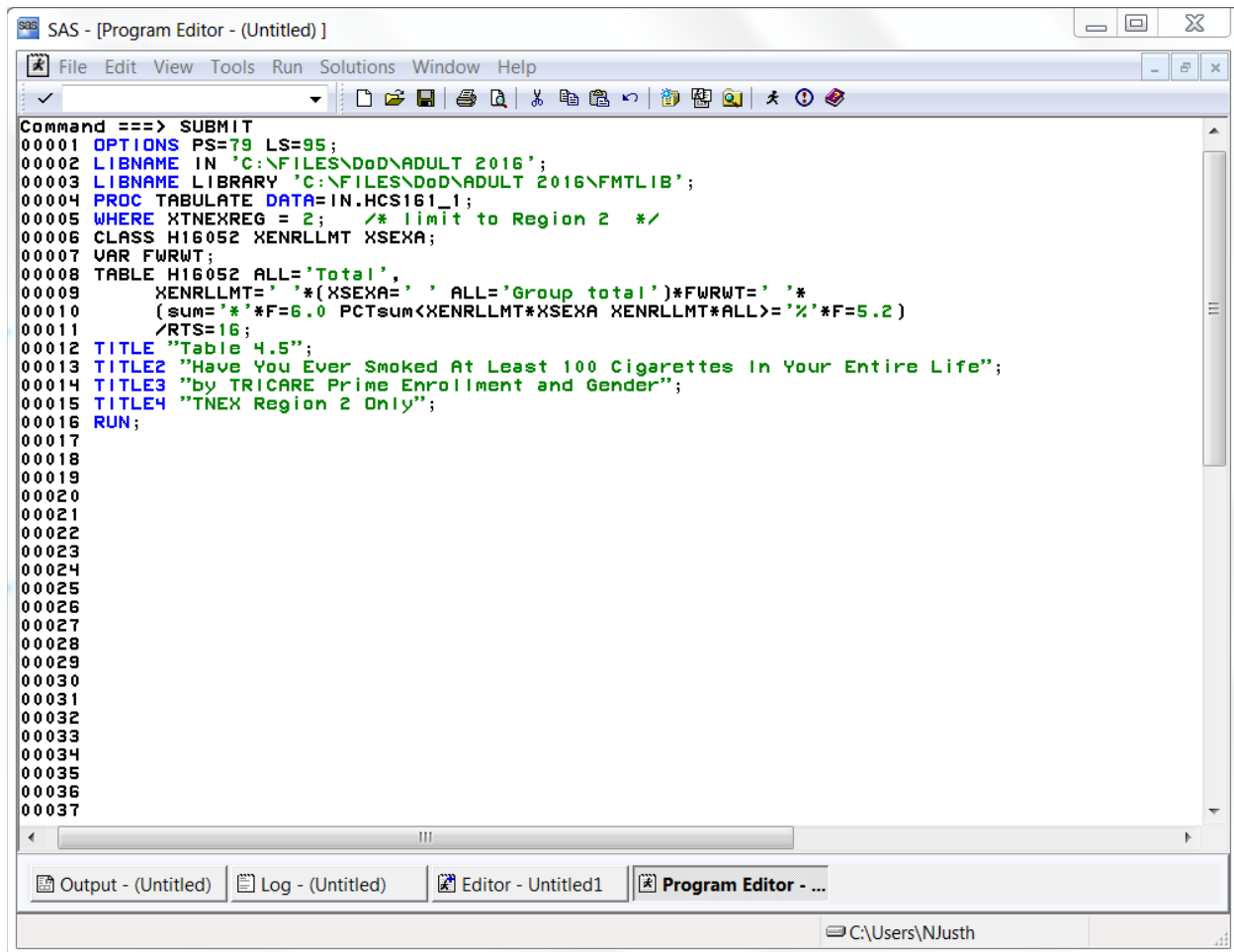
The statistic N(#) is included with PCTN to make it easier to verify that the denominator definitions have been set up properly. After you check to see that the percentages are accurate, the N statistic can be removed. Note that the output for Table 4.4 is unweighted. The N statistic (and PCTN statistic) 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 *column*. Your TABLE statement would look like this:

```
TABLE H16052 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 2016 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.



The screenshot shows the SAS Program Editor window with the following code:

```
Command ==> SUBMIT
00001  OPTIONS PS=79 LS=95;
00002  LIBNAME IN 'C:\FILES\DoD\ADULT 2016';
00003  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2016\FMTLIB';
00004  PROC TABULATE DATA=IN.HCS161_1;
00005  WHERE XTNEXREG = 2; /* limit to Region 2 */
00006  CLASS H16052 XENRLLMT XSEX;
00007  VAR FWRWT;
00008  TABLE H16052 ALL='Total',
00009          XENRLLMT='*(XSEX=' , ALL='Group total')*FWRWT=' '*
00010          (sum='*'*F=6.0 PCTsum<XENRLLMT*XSEX 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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```

The window includes a menu bar (File, Edit, View, Tools, Run, Solutions, Window, Help), a toolbar, and a status bar at the bottom showing the user path 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						Not enrolled	
	Male		Female		Group total		Male		Female		Group total		Male	Female
	*	%	*	%	*	%	*	%	*	%	*	%	*	%
<b>Smoked at least 100 cigarettes in life</b>														
<b>Yes</b>	81527	8.62	17055	1.80	98582	10.42	98579	10.42	146539	15.49	245118	25.92	94261	9.97
<b>No</b>	171198	12.48	50363	3.67	221562	16.15	165886	12.09	318994	23.25	484880	35.34	133134	9.70
<b>Total</b>	252725	10.90	67419	2.91	320144	13.81	264465	11.41	465533	20.09	729998	31.50	227395	9.81

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	81527	8.62	17055	1.80	98582	10.42		98579	10.42	146539	15.49	245118	25.92	
No	171198	12.48	50363	3.67	221562	16.15		165886	12.09	318994	23.25	484880	35.34	
Total	252725	10.90	67419	2.91	320144	13.81		264465	11.41	465533	20.09	729998	31.50	

(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	94261	9.97	86075	9.10	180336	19.07		256099	27.08	140841	14.89	396940	41.97	
No	133134	9.70	179039	13.05	312173	22.76		124283	9.06	207874	15.15	332157	24.21	
Total	227395	9.81	265114	11.44	492509	21.25		380383	16.41	348714	15.05	729097	31.46	

(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	11298	1.19	13549	1.43	24847	2.63
No	7532	0.55	13549	0.99	21081	1.54
Total	18831	0.81	27098	1.17	45929	1.98

## HOW TO MAKE A TABLE USING SPSS

The Quarter I, 2016 Adult HCSDDB 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:

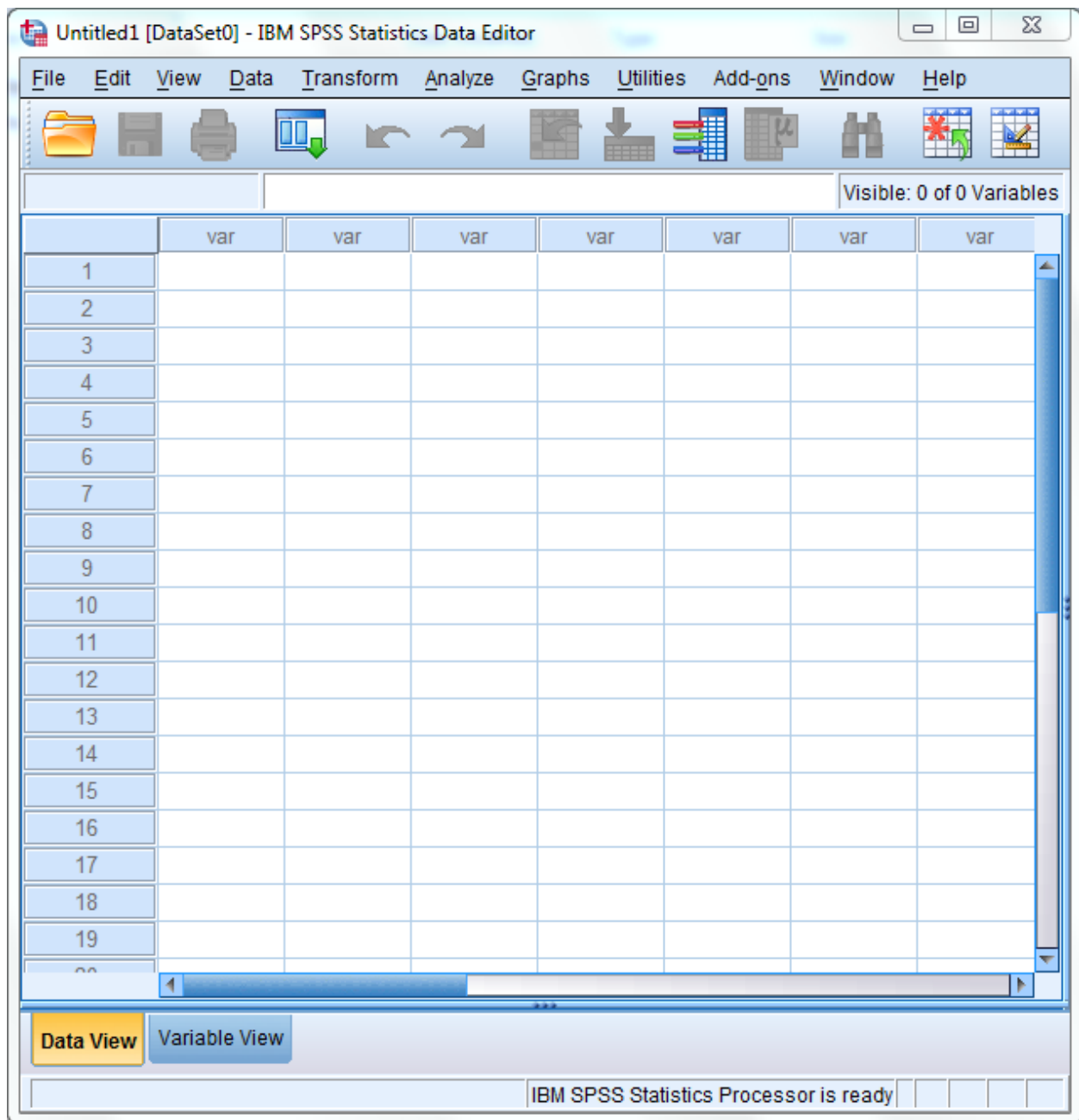
- Construct new variables
- Recode existing variables
- Select cases for analysis
- Weight cases for analysis
- Create customized tables

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.

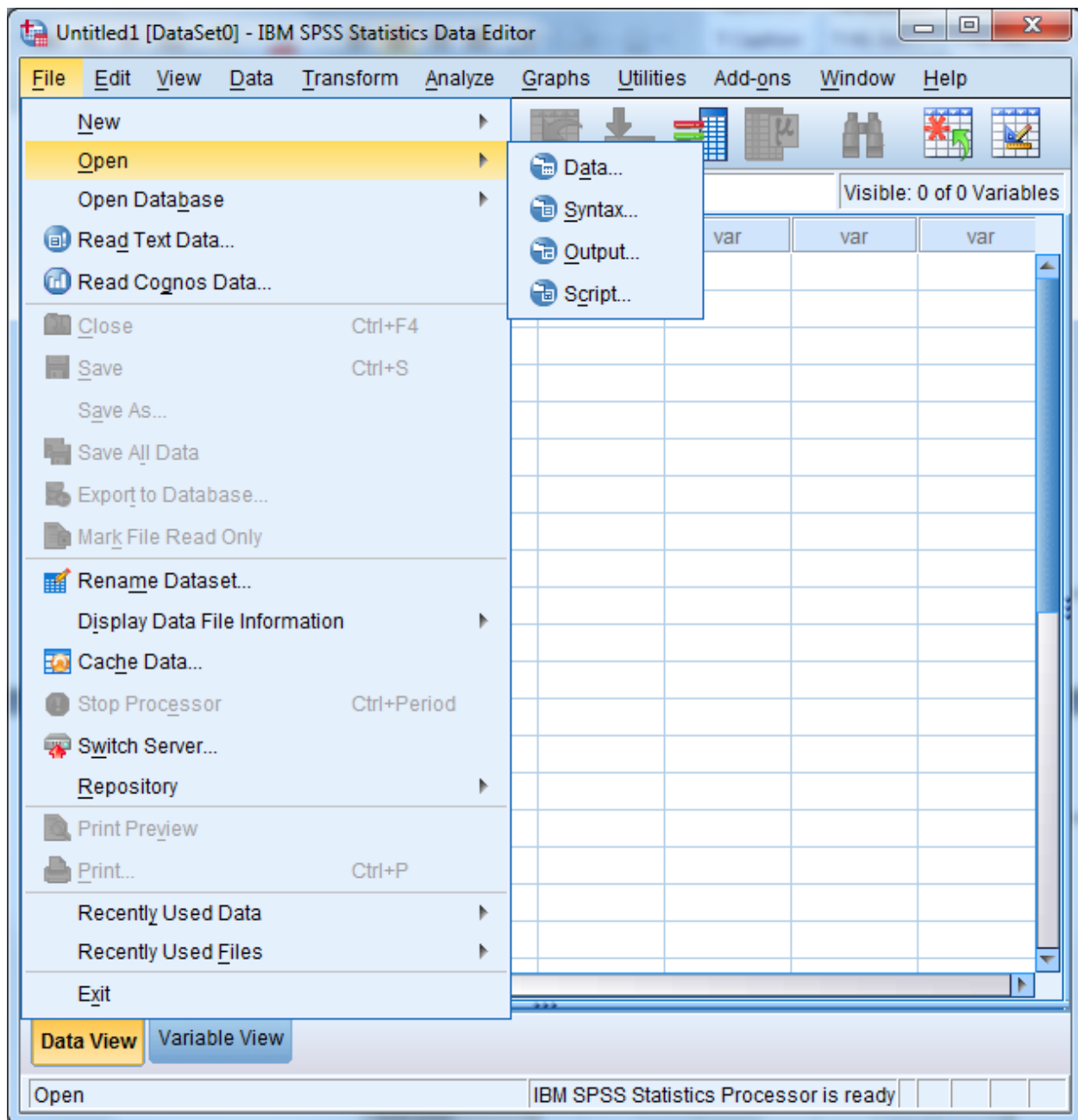
### Locating and opening the data file

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:

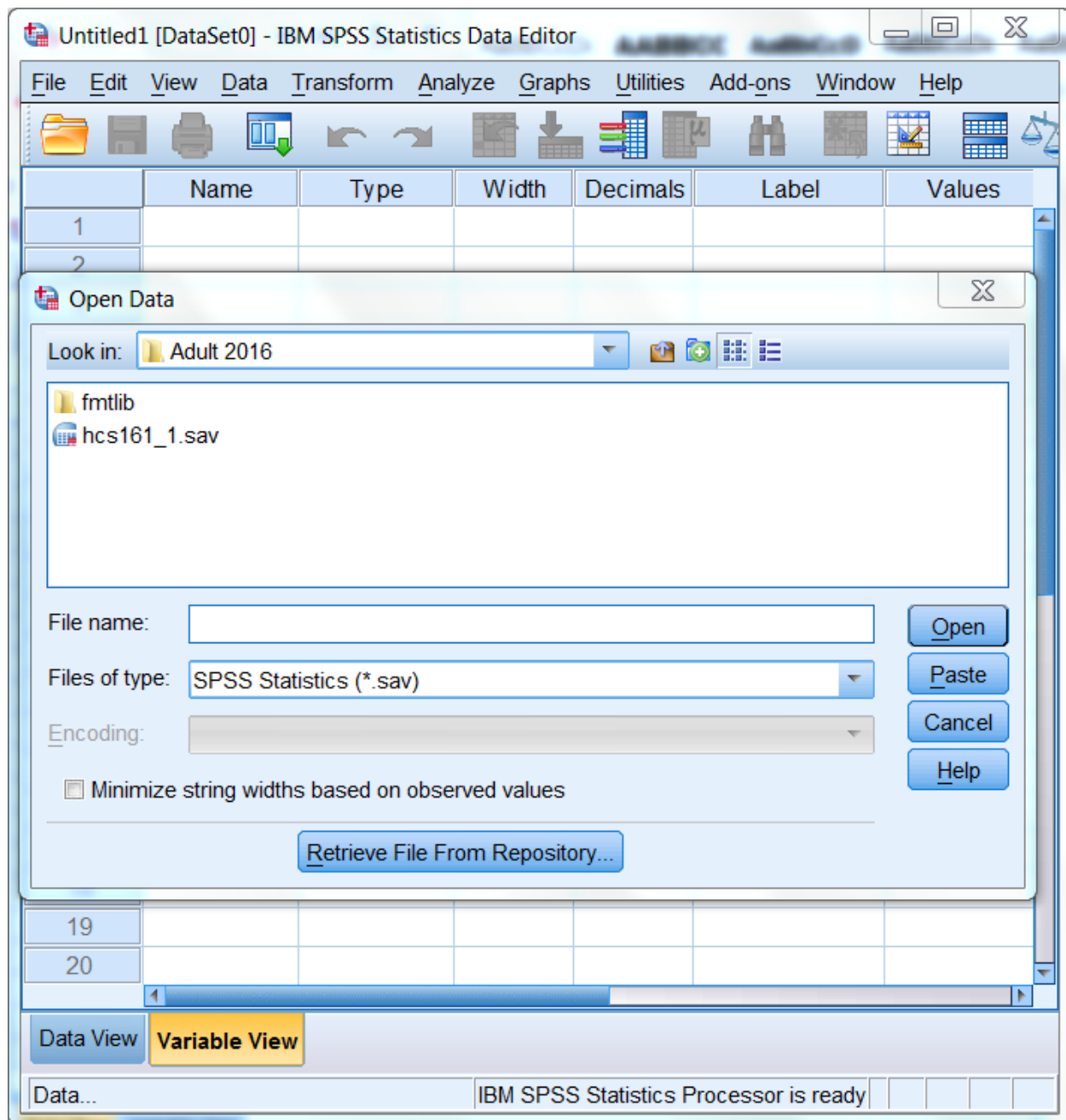




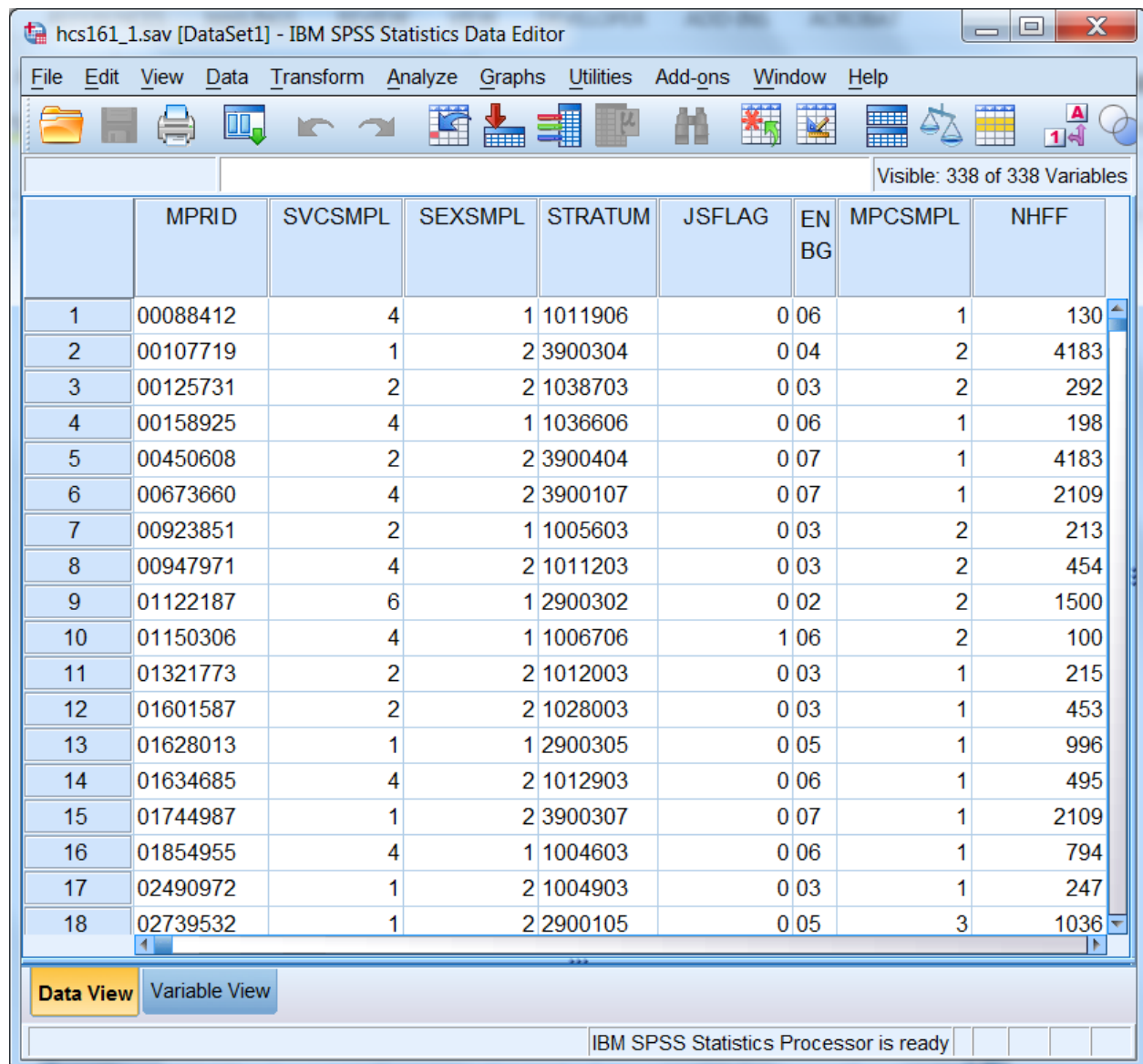
Click on File in the upper left corner to open the following menu:



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, 2016 Adult HCSDb dataset has been opened and is displayed below.



hcs161\_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

Visible: 338 of 338 Variables

	MPRID	SVCSMPL	SEXSMPL	STRATUM	JSFLAG	EN BG	MPCSMPL	NHFF
1	00088412	4	1	1011906	0	06	1	130
2	00107719	1	2	3900304	0	04	2	4183
3	00125731	2	2	1038703	0	03	2	292
4	00158925	4	1	1036606	0	06	1	198
5	00450608	2	2	3900404	0	07	1	4183
6	00673660	4	2	3900107	0	07	1	2109
7	00923851	2	1	1005603	0	03	2	213
8	00947971	4	2	1011203	0	03	2	454
9	01122187	6	1	2900302	0	02	2	1500
10	01150306	4	1	1006706	1	06	2	100
11	01321773	2	2	1012003	0	03	1	215
12	01601587	2	2	1028003	0	03	1	453
13	01628013	1	1	2900305	0	05	1	996
14	01634685	4	2	1012903	0	06	1	495
15	01744987	1	2	3900307	0	07	1	2109
16	01854955	4	1	1004603	0	06	1	794
17	02490972	1	2	1004903	0	03	1	247
18	02739532	1	2	2900105	0	05	3	1036

Data View Variable View

IBM SPSS Statistics Processor is ready

### 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:

hcs161\_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

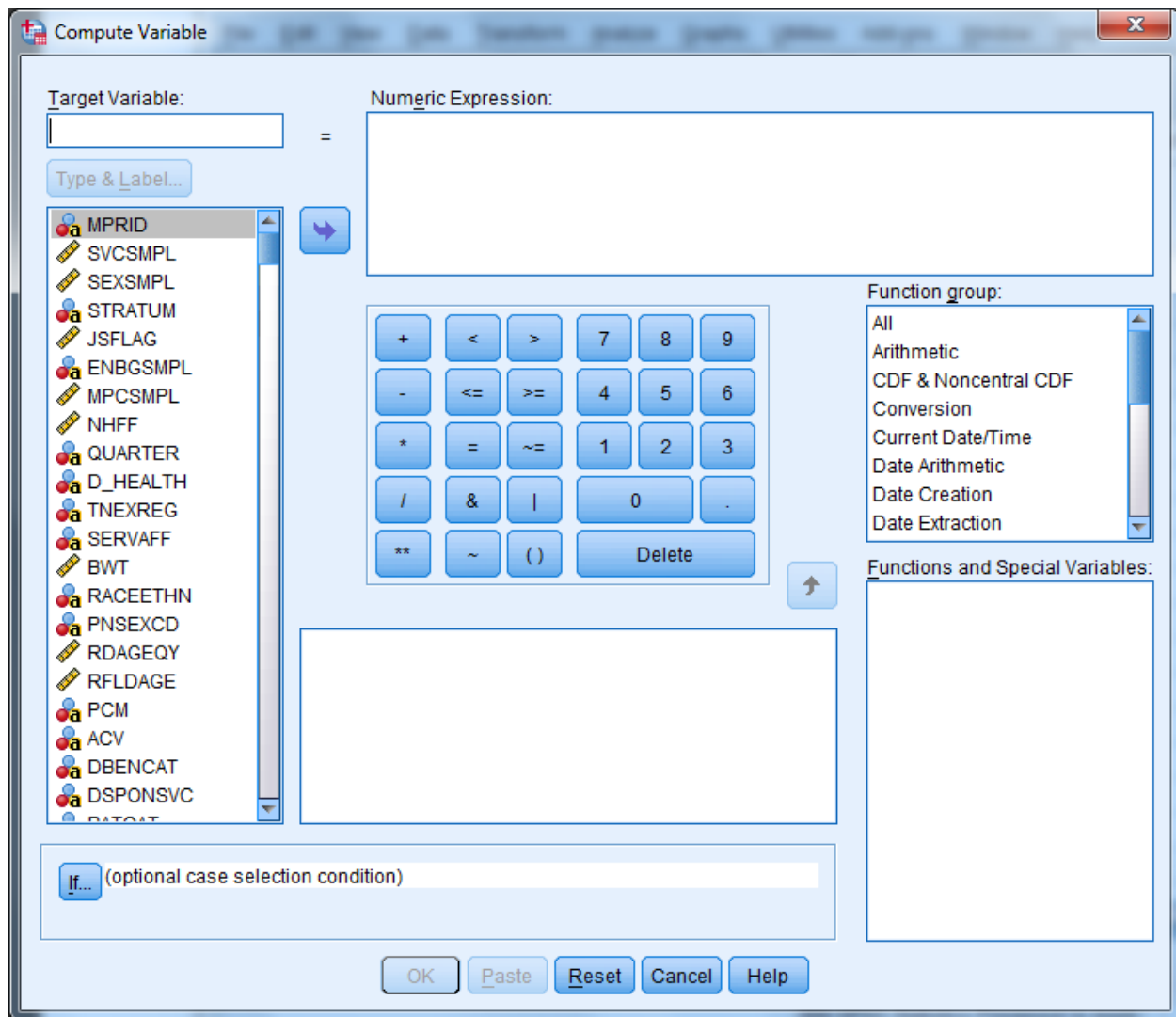
Visible: 338 of 338 Variables

	MPRID	FLAG	EN BG	MPCSMPL	NHFF
1	00088412				
2	00107719				
3	00125731				
4	00158925				
5	00450608				
6	00673660				
7	00923851				
8	00947971				
9	01122187				
10	01150306	4	1	1006706	100
11	01321773	2	2	1012003	215
12	01601587	2	2	1028003	453
13	01628013	1	1	2900305	996
14	01634685	4	2	1012903	495
15	01744987	1	2	3900307	2109
16	01854955	4	1	1004603	794
17	02490972	1	2	1004903	247
18	02739532	1	2	2900105	1036

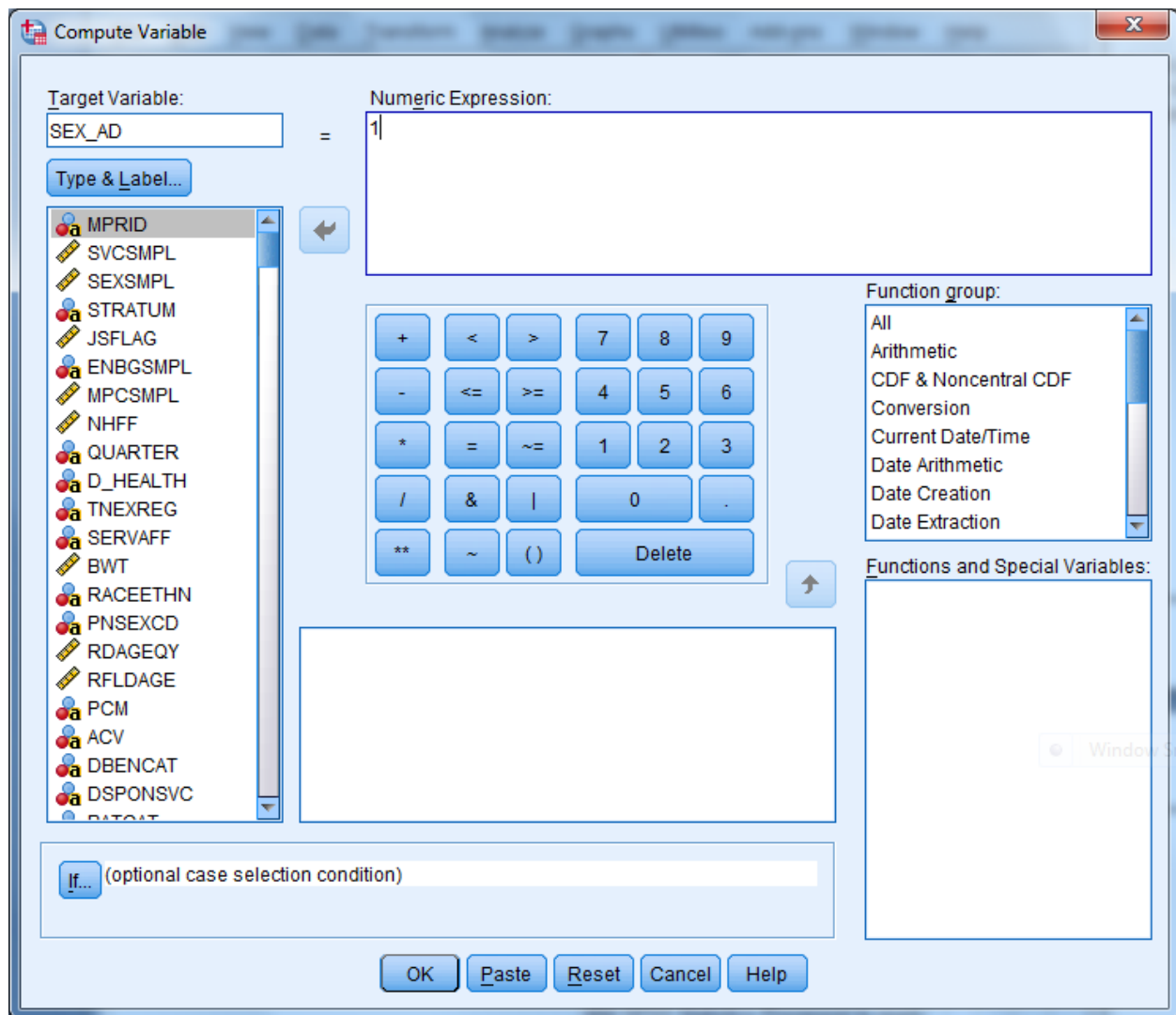
Data View Variable View

Compute Variable... IBM SPSS Statistics Processor is ready

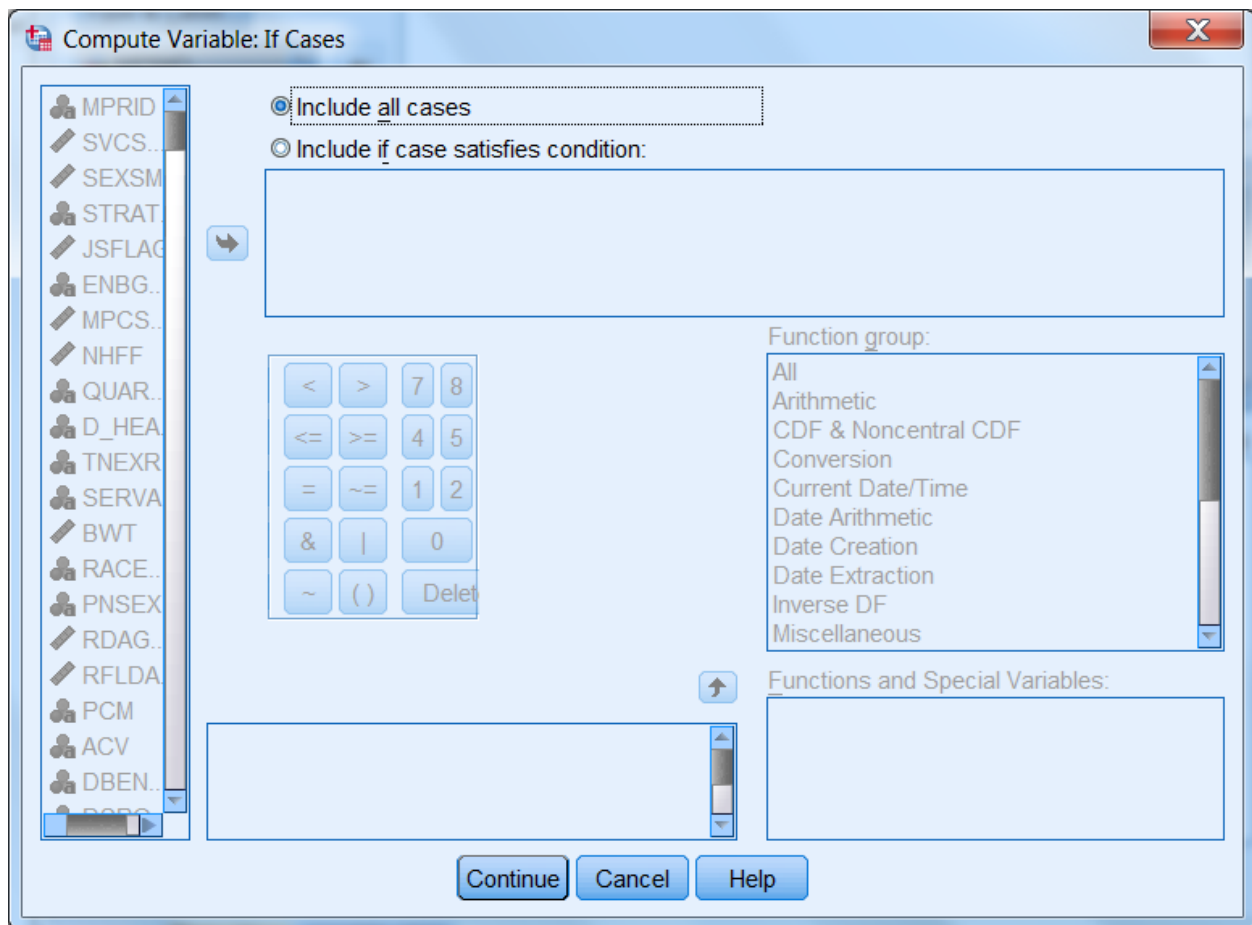
The following dialog box will open:



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:



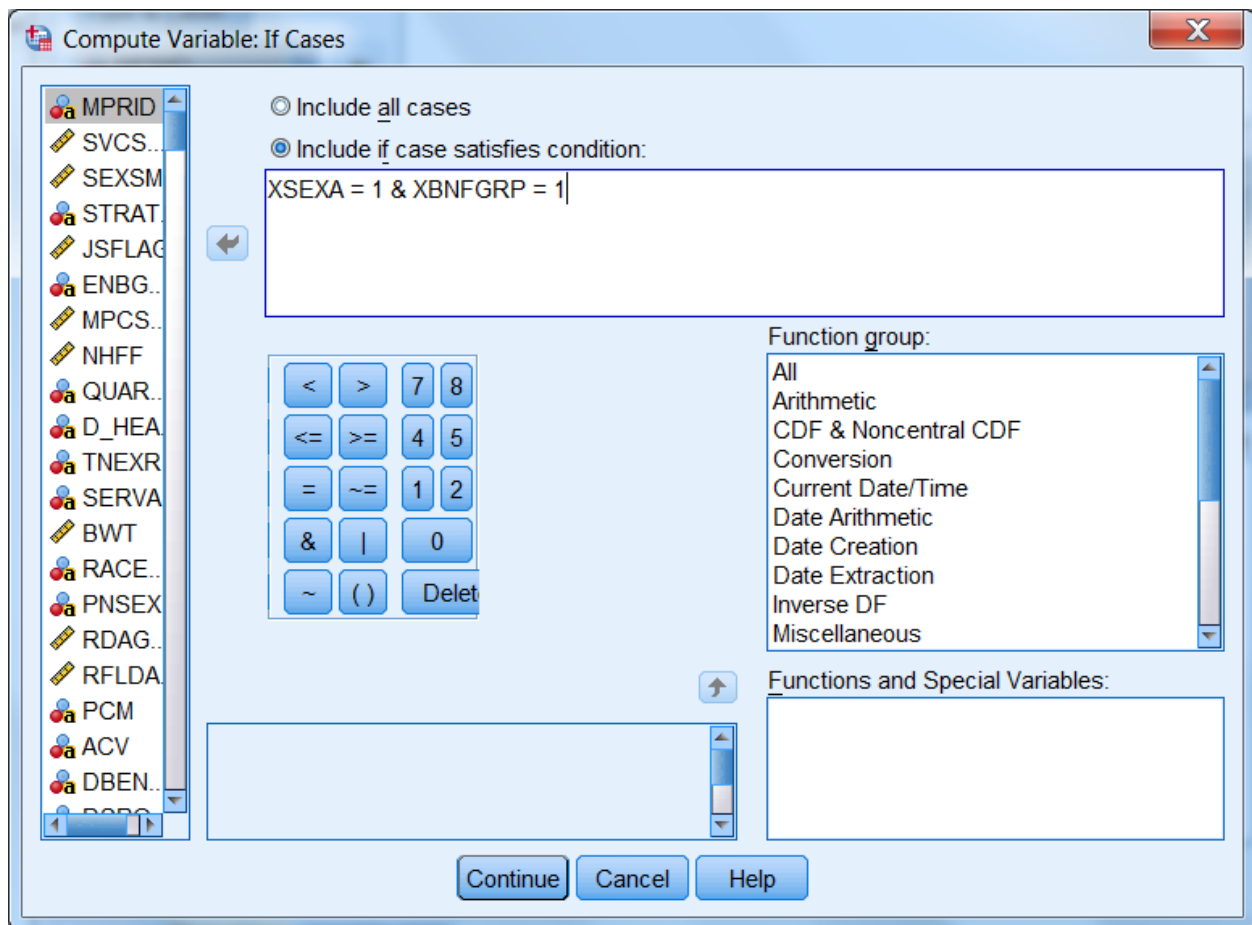
Once you we have assigned the value 1 to sex\_ad, you can build the condition that qualifies the assignment. Click on If and open the following dialog box:



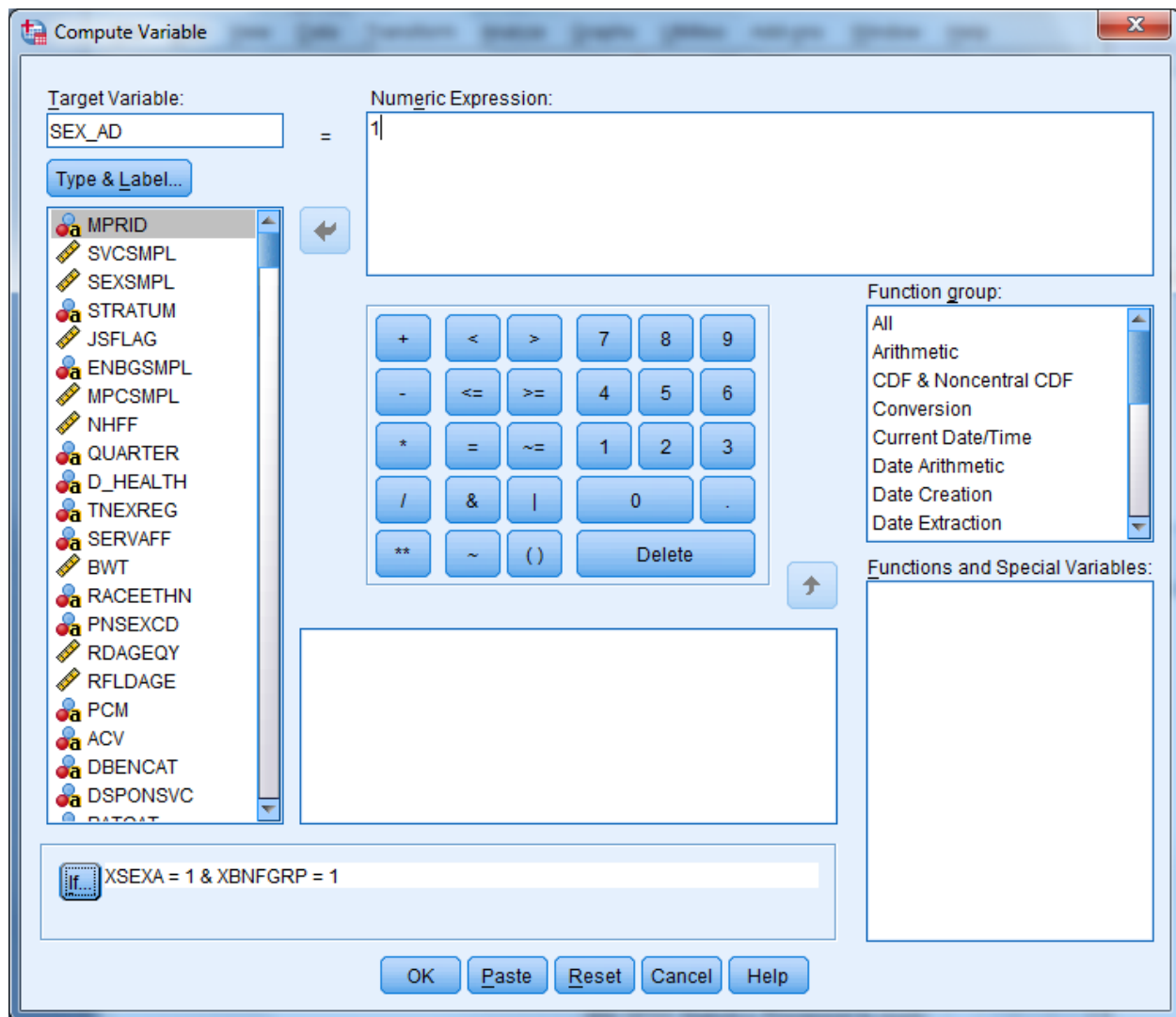
Click on the circle indicating Include if case satisfies condition, and the black dot will move to that circle. The slot underneath will open, ready for your input. Build the “if” condition. Write it directly into the slot or move the elements into the slot from the given options. Add the elements xsexa = 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 xsex = 2 and xbnfgrp = 1, will be added to the new variable sex\_ad.

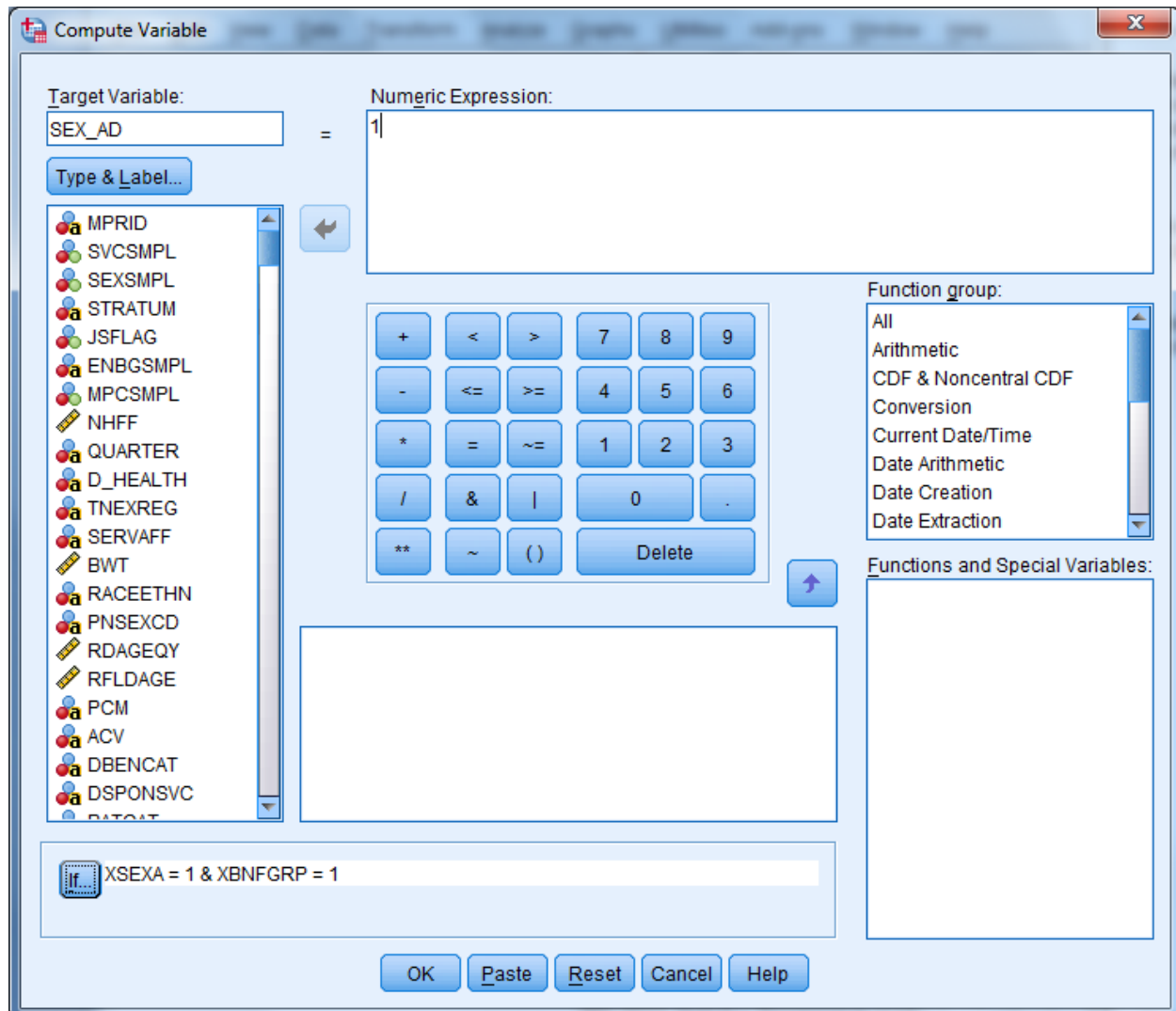
Once you have created a new variable, you may want to add it permanently to the dataset. The new variable is computed for each case in the file and added to the view in the Data Window after the last variable in the dataset. The variable name is the column heading.

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.

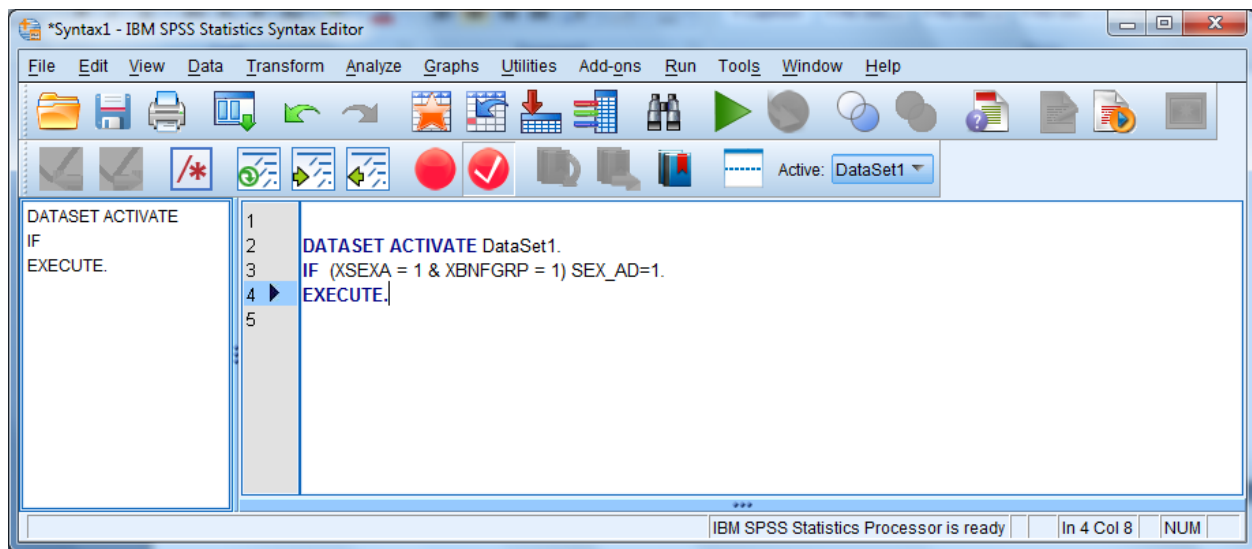
Suppose you do not want to use up your disk space for expanded copies of the dataset. Another option is to save the syntax you have generated in a file that can be run as it is needed. Syntax is a written instruction generated by the commands you give in a dialog box. These “sentences” can be saved in 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.

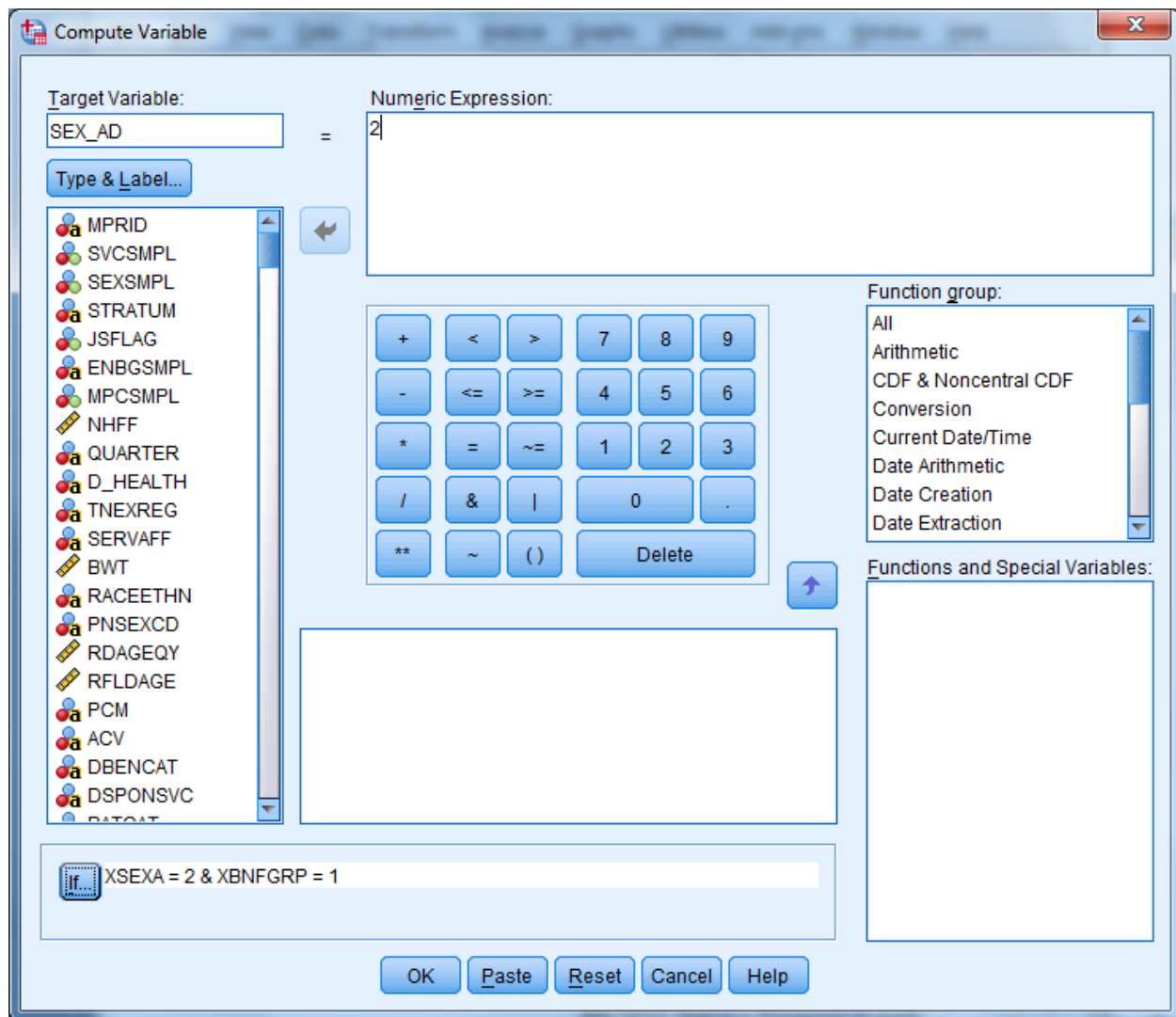
Recall the compute example for the new variable sex\_ad. The screen below is the result of assigning 1 to sex\_ad according to an If condition. You clicked on OK to set the value. Returning to the screen and clicking on Paste writes the command to a syntax file.



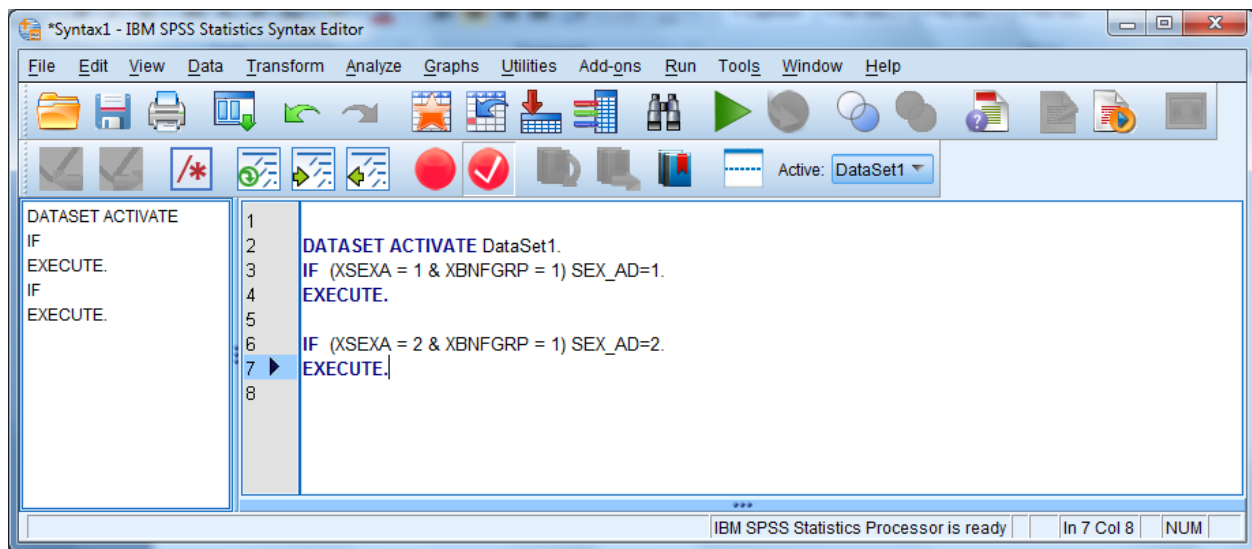
Click on the Paste button. A dialog box that says “Change existing variable?” will pop up. Click on OK, and the syntax window below will open with the syntax written in it.



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"

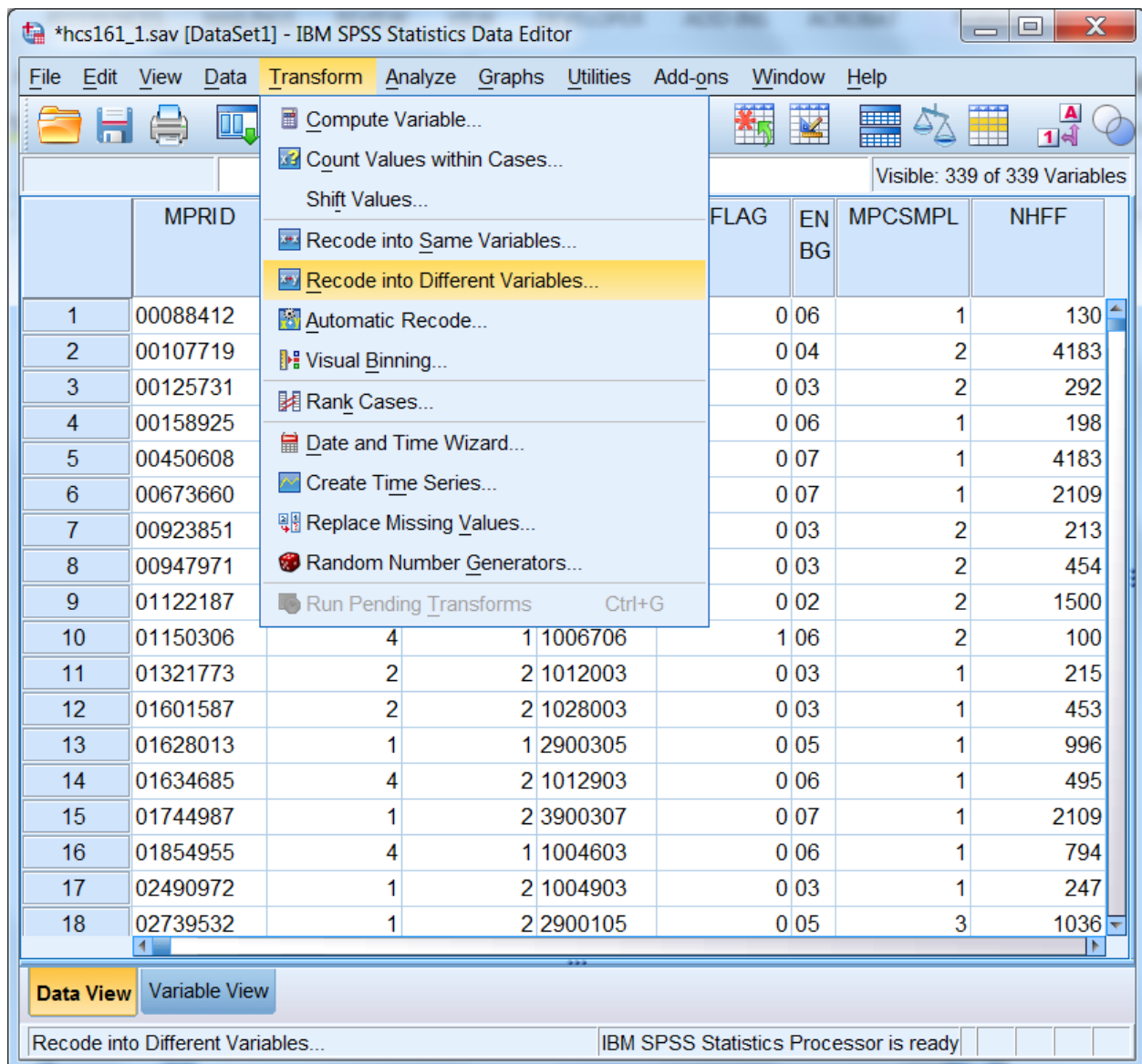
35 to 49 = 2 - label: "mature adult"

50 to 65 = 3 – label: "middle-age"

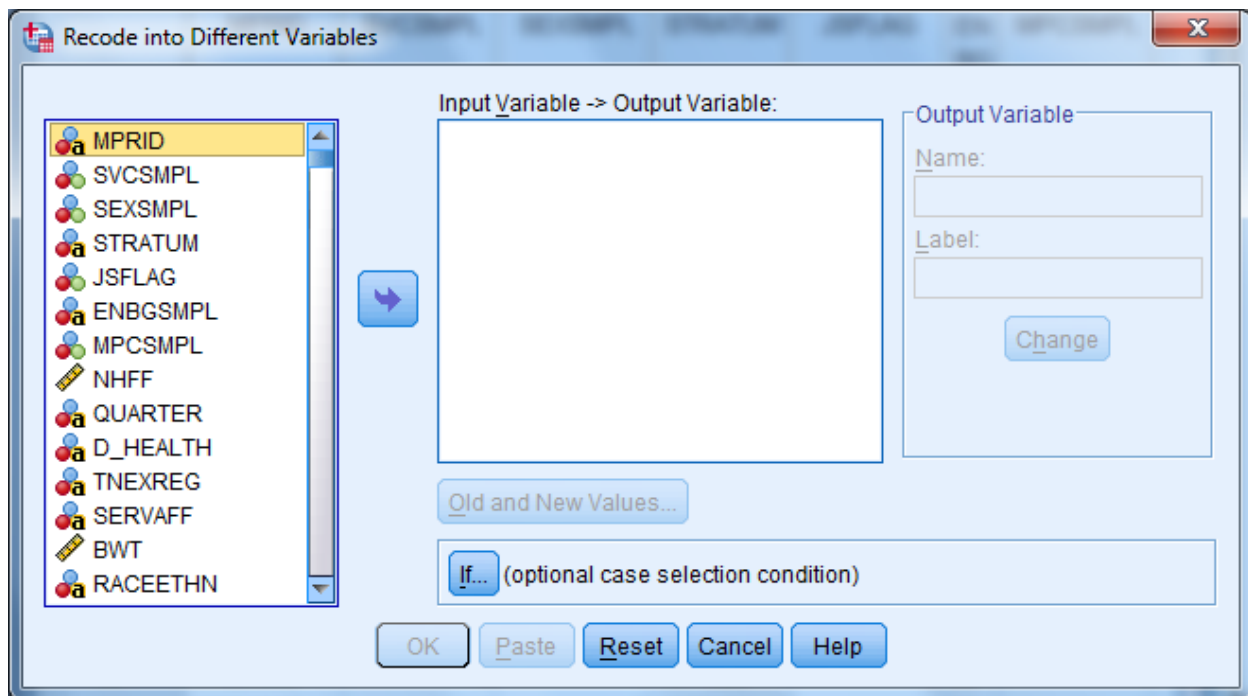
66 to 86 = 4 – label: "senior citizen"

The new variable is called **age\_grp**.

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

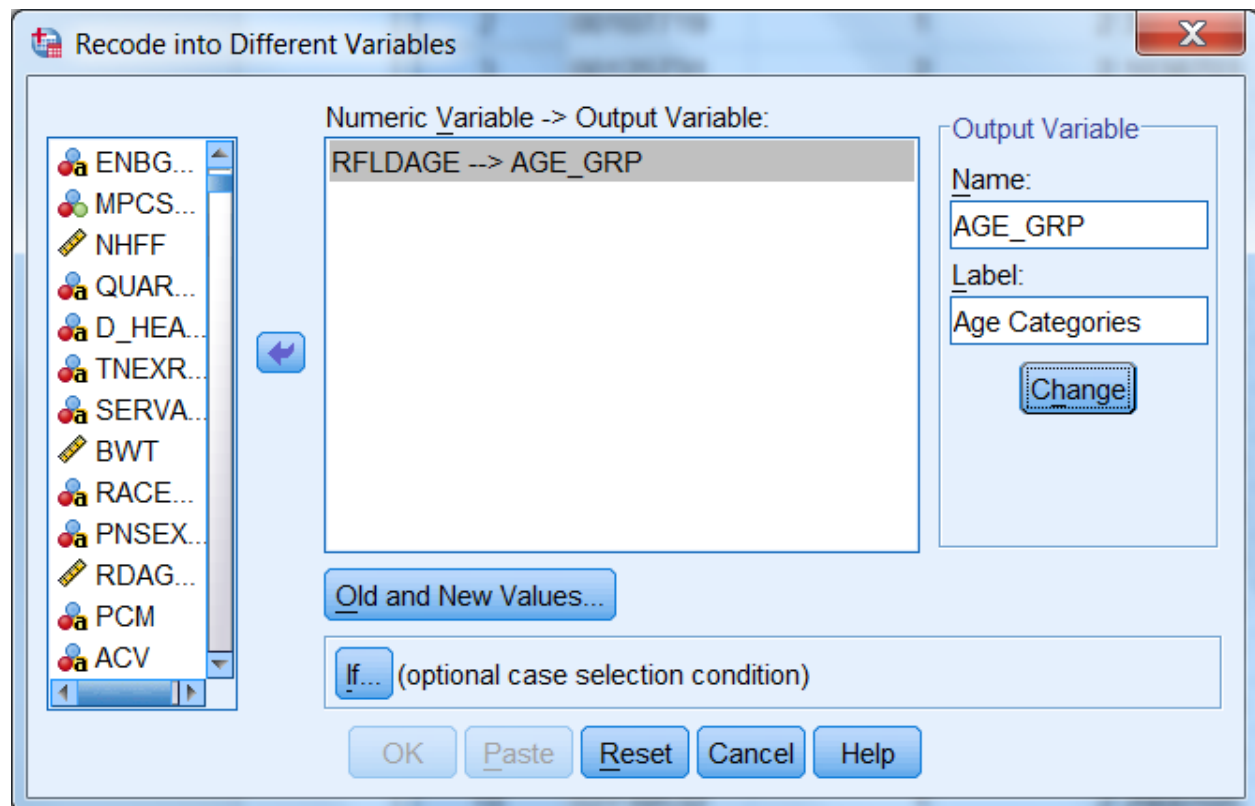


The following dialog box will open:

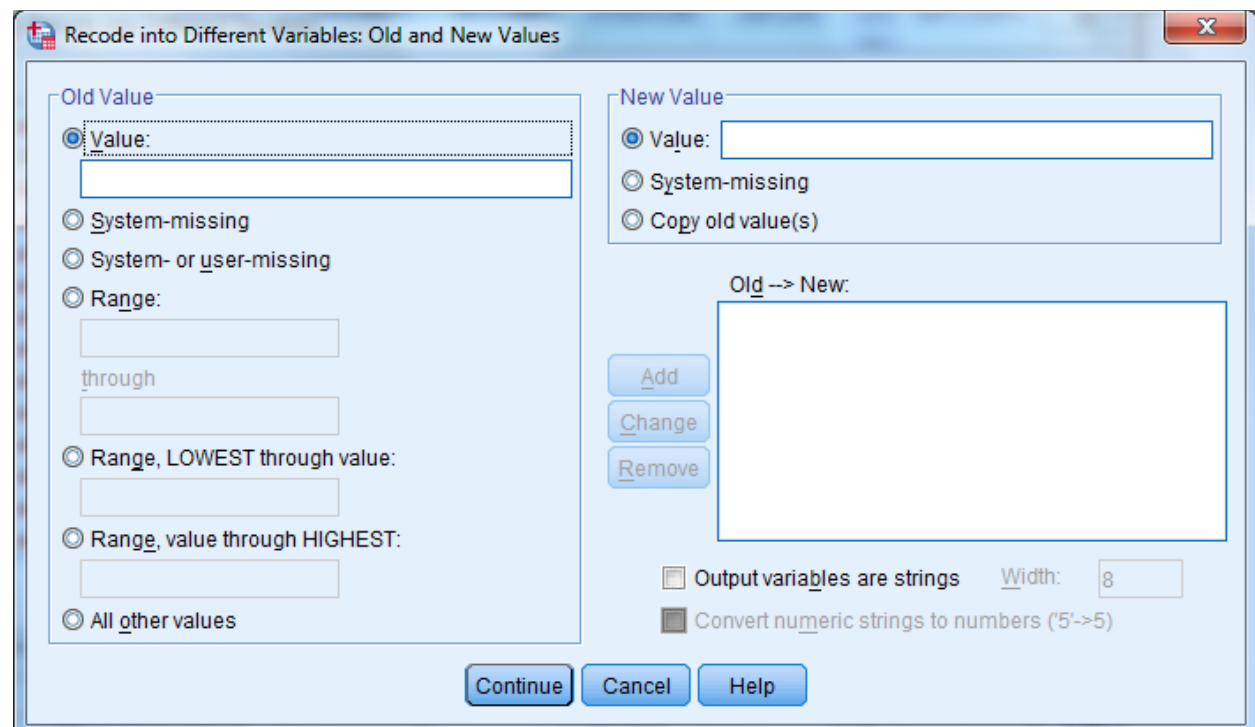


Move **RFLDAGE** from the variable list on the left to the box labeled **Input Variable -> Output Variable**. In the **Name** slot, enter the new variable name **age\_grp**. Enter **Age Categories**, the variable label, in the **Label** slot. Click on **Change**. The dialog box should look like the one below.

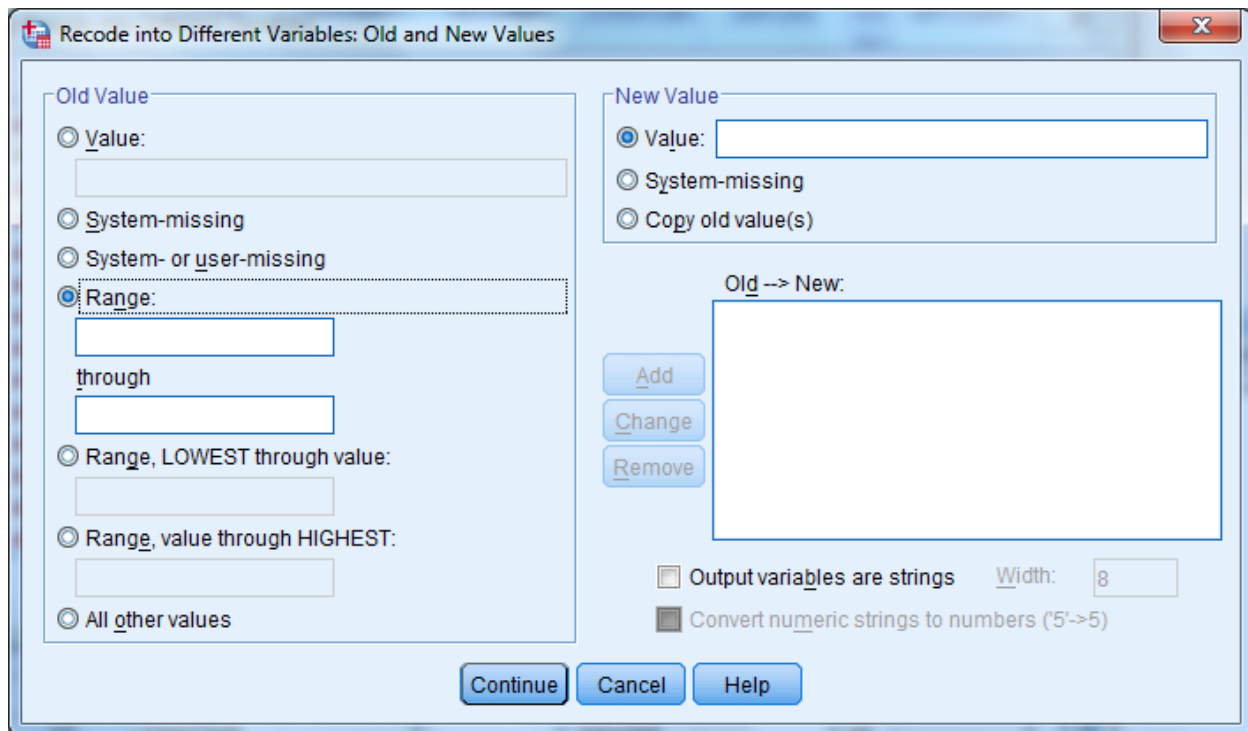




Click on Old and New Values, and the following dialog box will open:



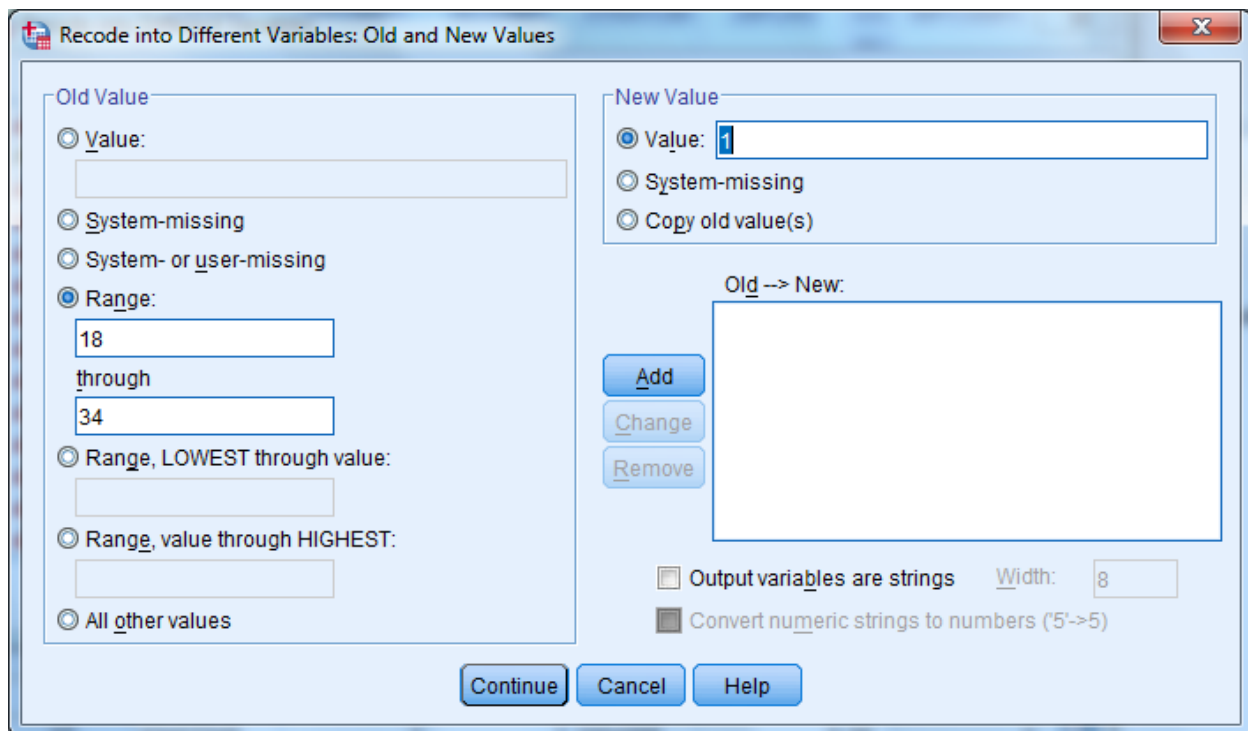
The next step in grouping the age variable is to specify the existing values of **Age** to be recoded. To do this, click on the **Range** circle under **Old Value**.



The image shows the 'Recode into Different Variables: Old and New Values' dialog box in SPSS. The 'Old Value' section on the left has the 'Range' radio button selected. Below it, there are two empty text boxes for entering a range, with the word 'through' positioned between them. The 'New Value' section on the right has the 'Value' radio button selected, with an empty text box next to it. Below this are 'System-missing' and 'Copy old value(s)' options. A large empty box labeled 'Old --> New:' is in the center-right. At the bottom right, there are checkboxes for 'Output variables are strings' (unchecked) and 'Convert numeric strings to numbers ('5'-->5)' (checked). The 'Width' is set to 8. At the bottom are 'Continue', 'Cancel', and 'Help' buttons.

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.



The image shows the 'Recode into Different Variables: Old and New Values' dialog box in SPSS. The 'Old Value' section on the left has the 'Range' radio button selected, with '18' in the first input box and '34' in the second. The 'New Value' section on the right has the 'Value' radio button selected, with '1' in the input box. Below these sections are buttons for 'Add', 'Change', and 'Remove'. At the bottom are 'Continue', 'Cancel', and 'Help' buttons. Checkboxes for 'Output variables are strings' and 'Convert numeric strings to numbers' are at the bottom right.

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

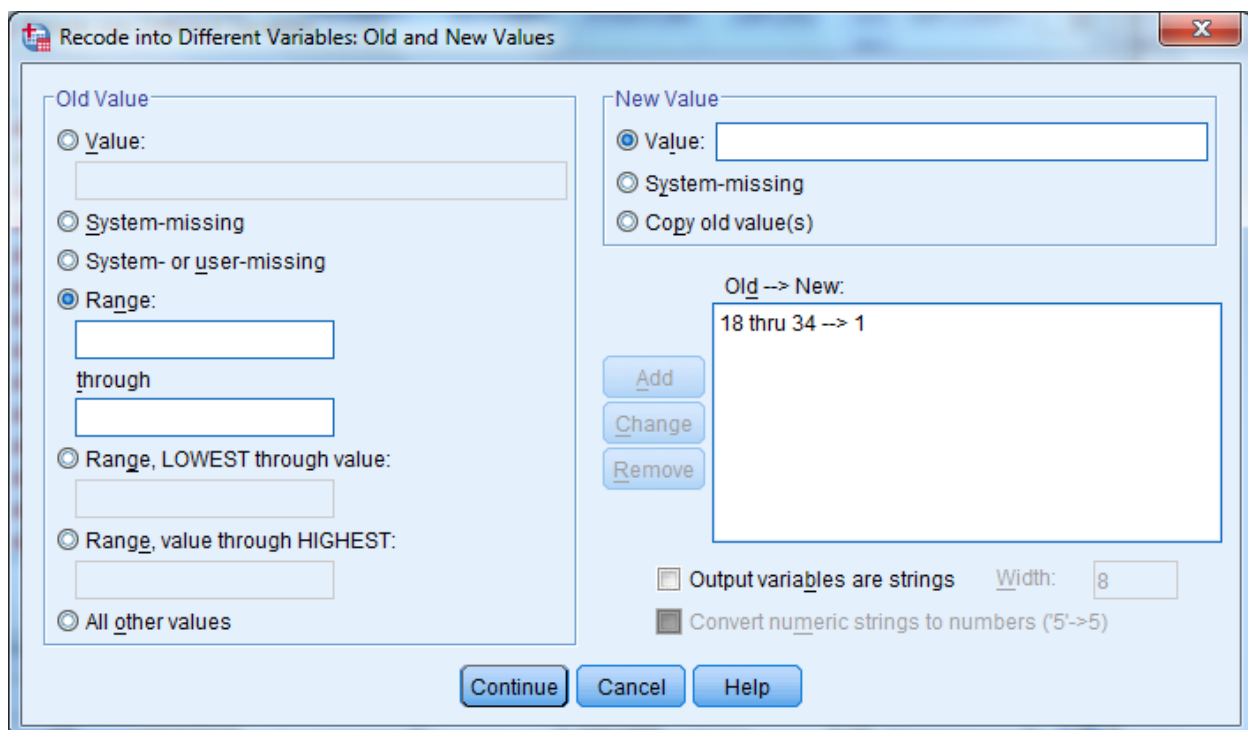
Remove

☐ Output variables are strings Width: 8

☐ Convert numeric strings to numbers ('5'-->5)

Continue Cancel Help

Clicking on Add produces the following result:



This image shows the same dialog box as above, but after clicking the 'Add' button. The 'Old --> New:' list now contains the mapping '18 thru 34 --> 1'. The 'Add' button is highlighted.

Recode into Different Variables: Old and New Values

**Old Value**

☒ Value:

☐ System-missing

☐ System- or user-missing

☒ Range:

☐ 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

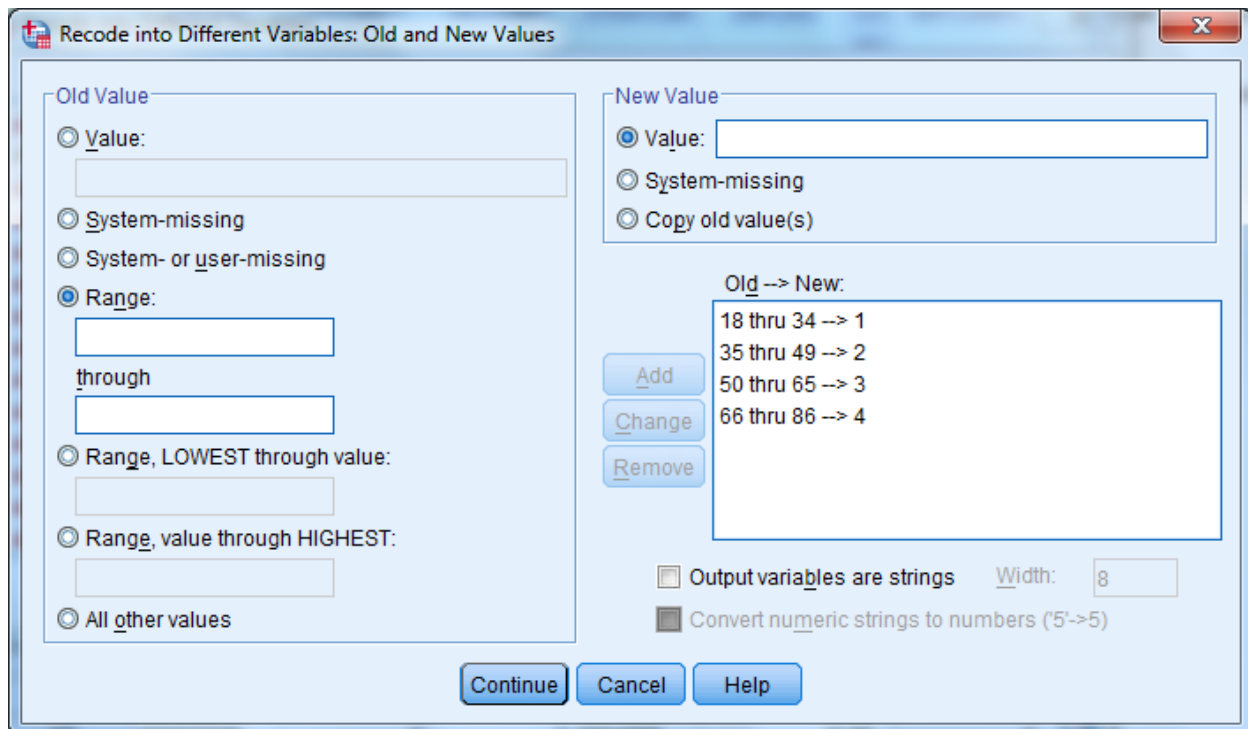
☐ Output variables are strings Width: 8

☐ 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.

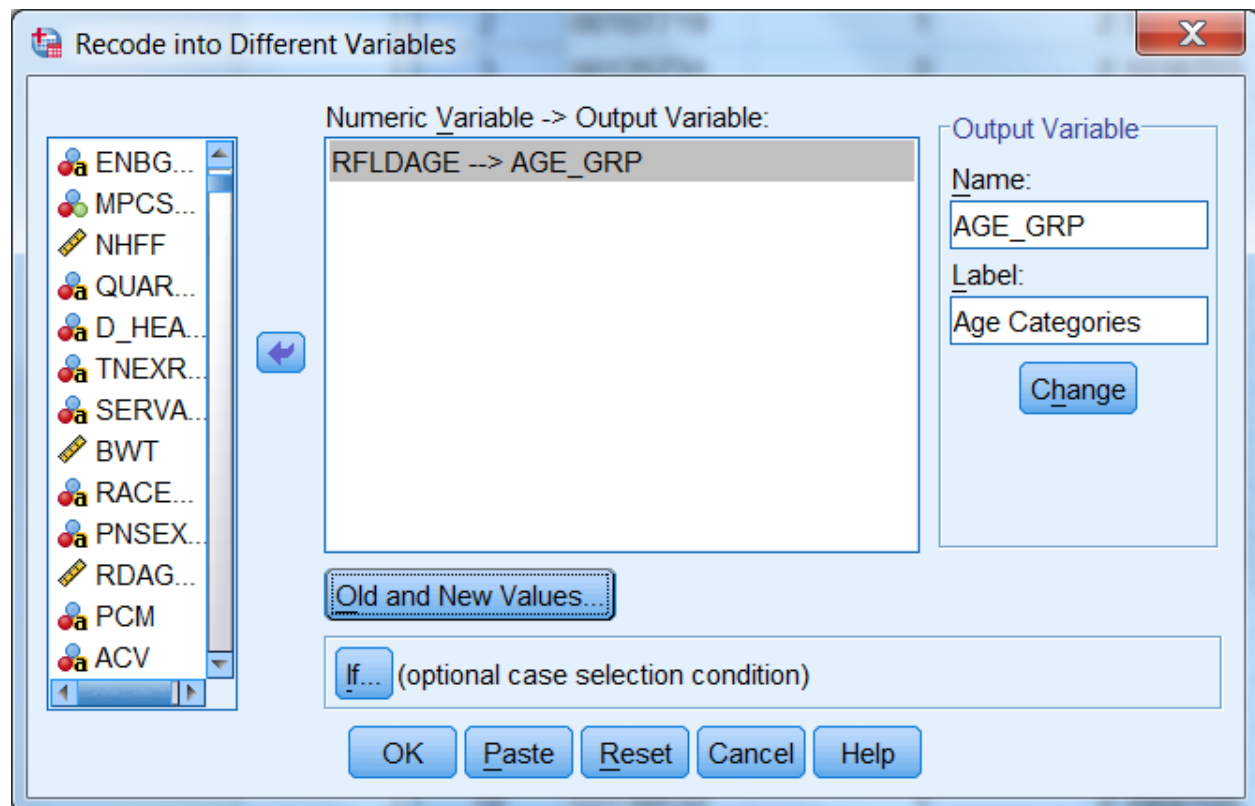
The three remaining ranges are built in the same manner, adding each specification, until the dialog box looks like the one below.



The image shows the 'Recode into Different Variables: Old and New Values' dialog box in SPSS. The 'Old Value' section on the left has the 'Range' radio button selected. The 'New Value' section on the right has the 'Value' radio button selected. A list box in the center shows four mappings: '18 thru 34 --> 1', '35 thru 49 --> 2', '50 thru 65 --> 3', and '66 thru 86 --> 4'. Below this list are 'Add', 'Change', and 'Remove' buttons. At the bottom, there are checkboxes for 'Output variables are strings' (unchecked) and 'Convert numeric strings to numbers ('5'-->5)' (checked). The 'Width' field is set to 8. 'Continue', 'Cancel', and 'Help' buttons are at the bottom.

Old Value	New Value
18 thru 34	1
35 thru 49	2
50 thru 65	3
66 thru 86	4

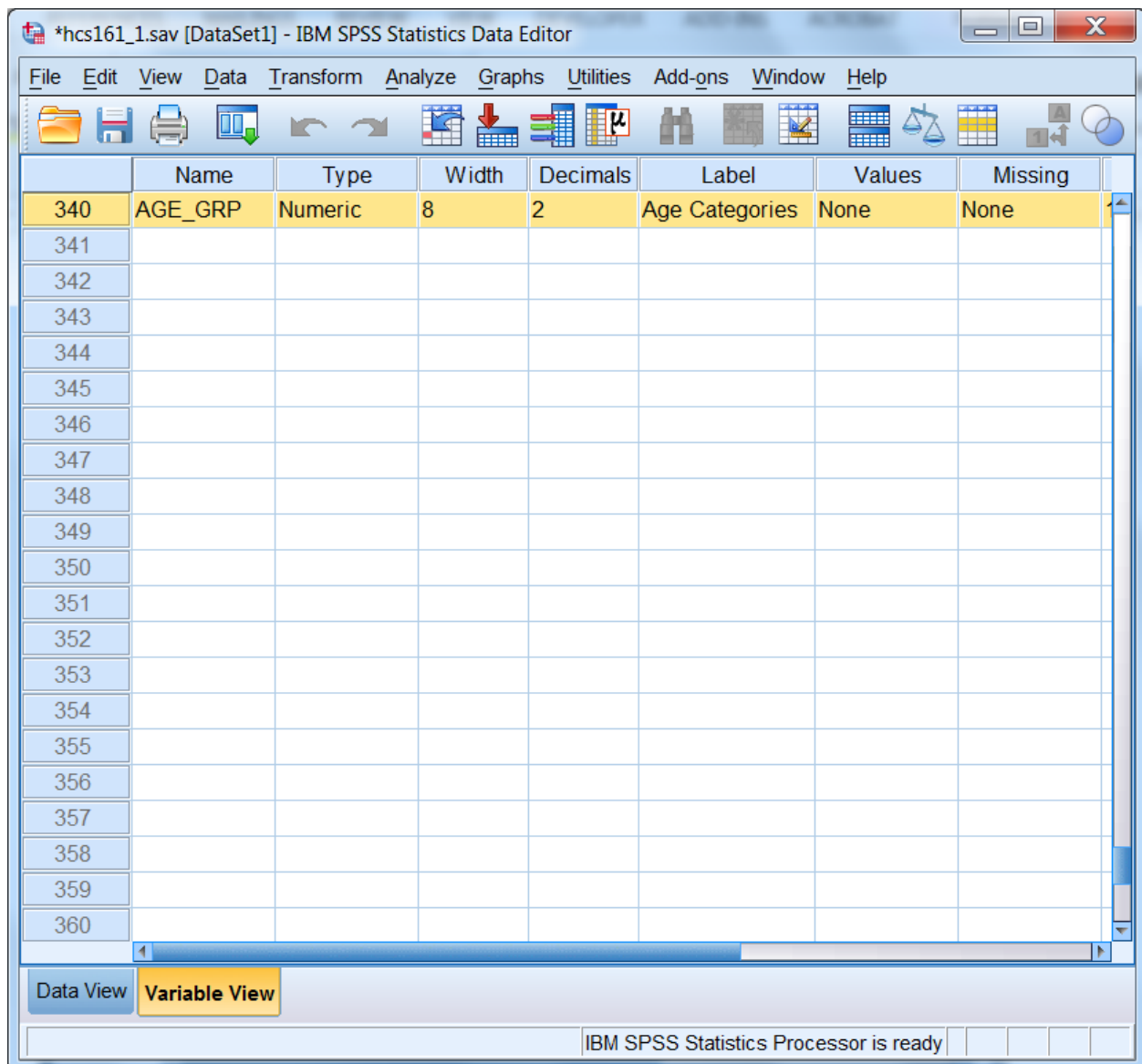
Click on Continue and return to the previous screen.



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.

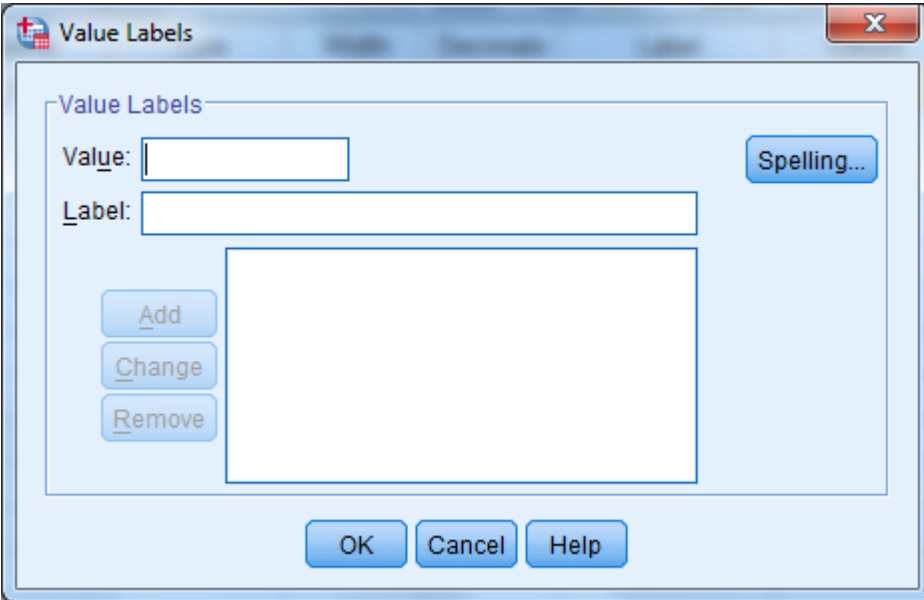
The final task is to create the value labels for the new variable **age\_grp**. Labeling variables makes output from statistical reporting procedures much clearer and more elegant.

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:

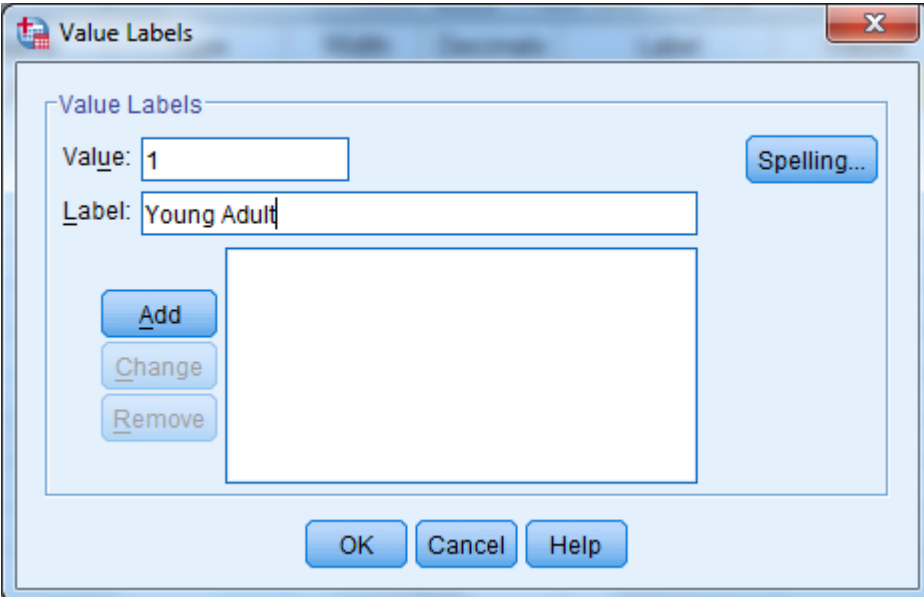


The variable **age\_grp** is shown with its attributes.

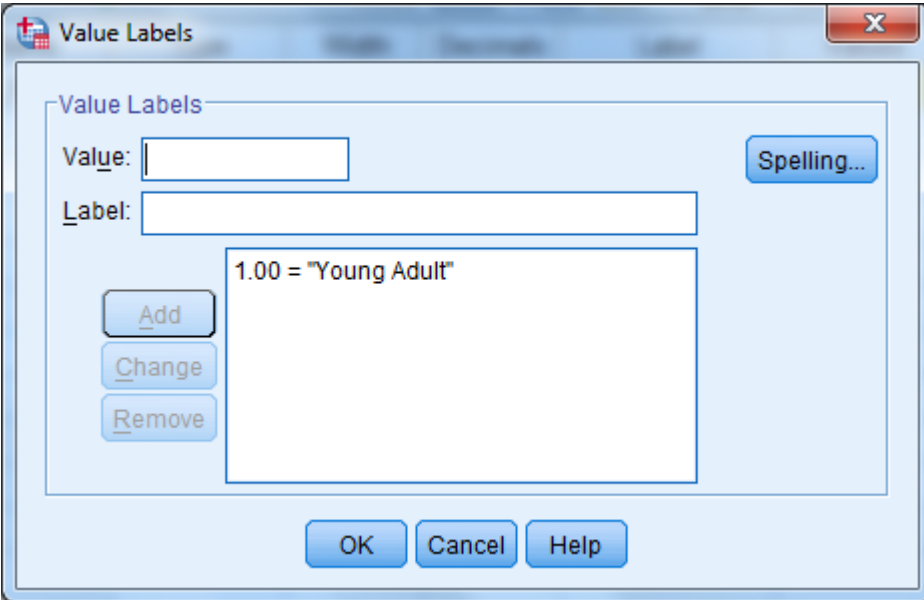
Click in the cell under **Values** and the following dialog box will open:

A screenshot of the 'Value Labels' dialog box. It has a title bar with a red 'X' button. The main area is titled 'Value Labels' and contains two input fields: 'Value:' and 'Label:'. To the right of the 'Value:' field is a 'Spelling...' button. Below the 'Label:' field is a large empty rectangular box. To the left of this box are three buttons: 'Add', 'Change', and 'Remove'. At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Help'.

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:

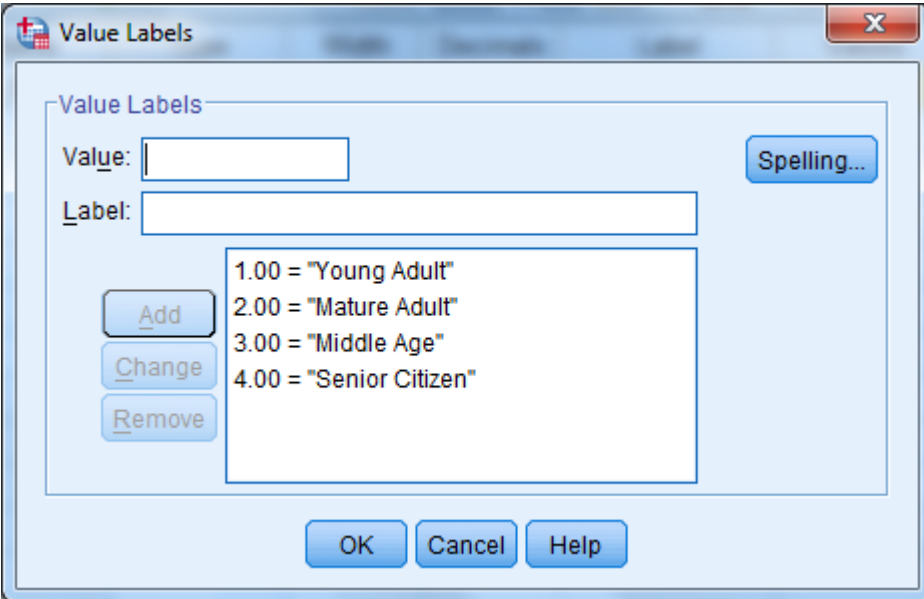
A screenshot of the 'Value Labels' dialog box, identical to the previous one but with data entered. The 'Value:' field now contains the number '1'. The 'Label:' field now contains the text 'Young Adult'. The 'Add' button is now highlighted with a darker blue background, while the other buttons remain light blue.

**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.



The "Value Labels" dialog box is shown. It has a title bar with a red close button. The main area is titled "Value Labels" and contains a "Value:" text box, a "Label:" text box, and a list box. The list box contains one entry: "1.00 = 'Young Adult'". To the left of the list box are three buttons: "Add", "Change", and "Remove". To the right of the list box is a "Spelling..." button. At the bottom are three buttons: "OK", "Cancel", and "Help".

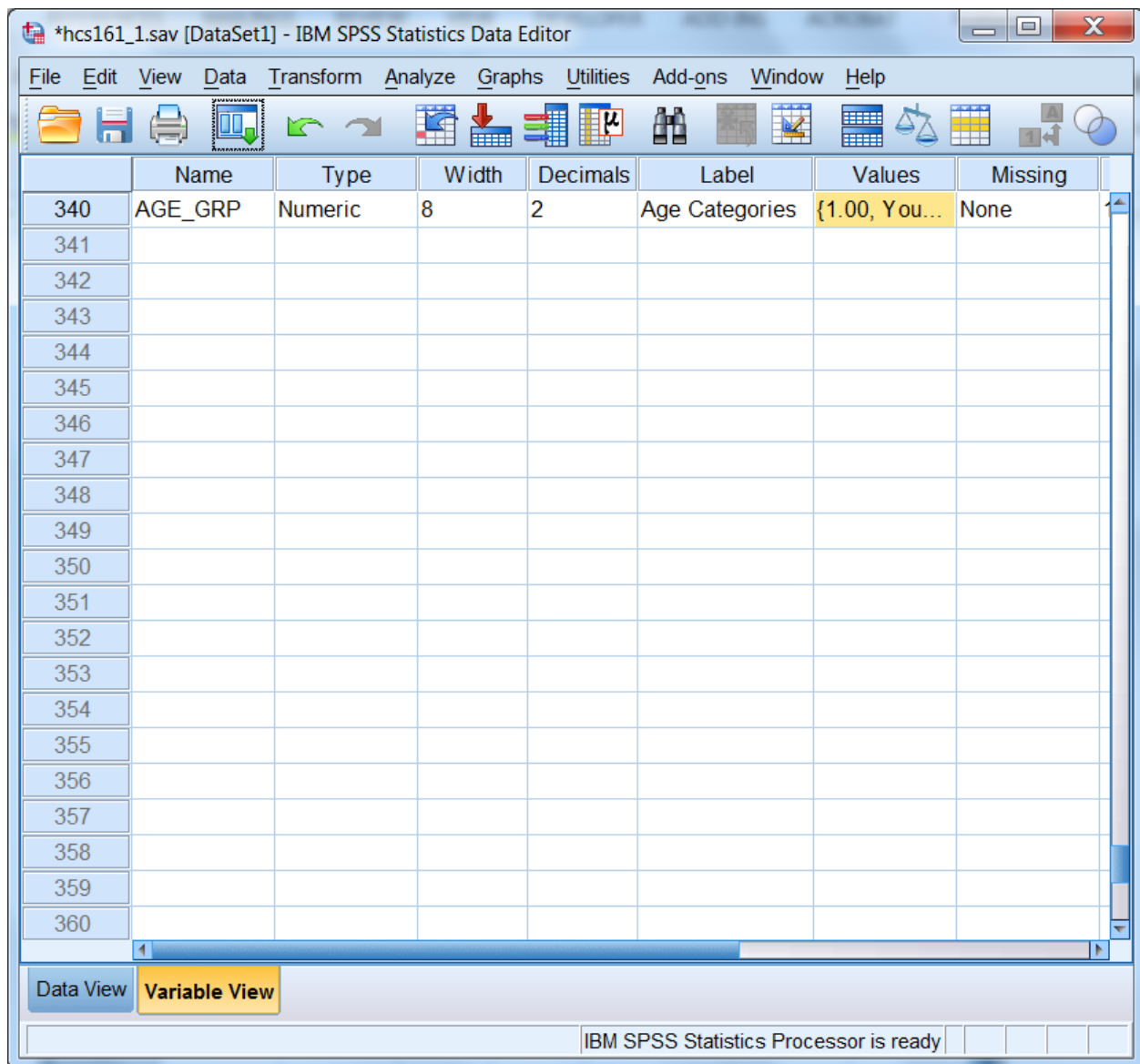
Build the other three labels until the screen looks like the following:



The "Value Labels" dialog box is shown with four entries in the list box: "1.00 = 'Young Adult'", "2.00 = 'Mature Adult'", "3.00 = 'Middle Age'", and "4.00 = 'Senior Citizen'". The other elements (Value and Label text boxes, Add/Change/Remove buttons, Spelling... button, and OK/Cancel/Help buttons) are the same as in the previous image.

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

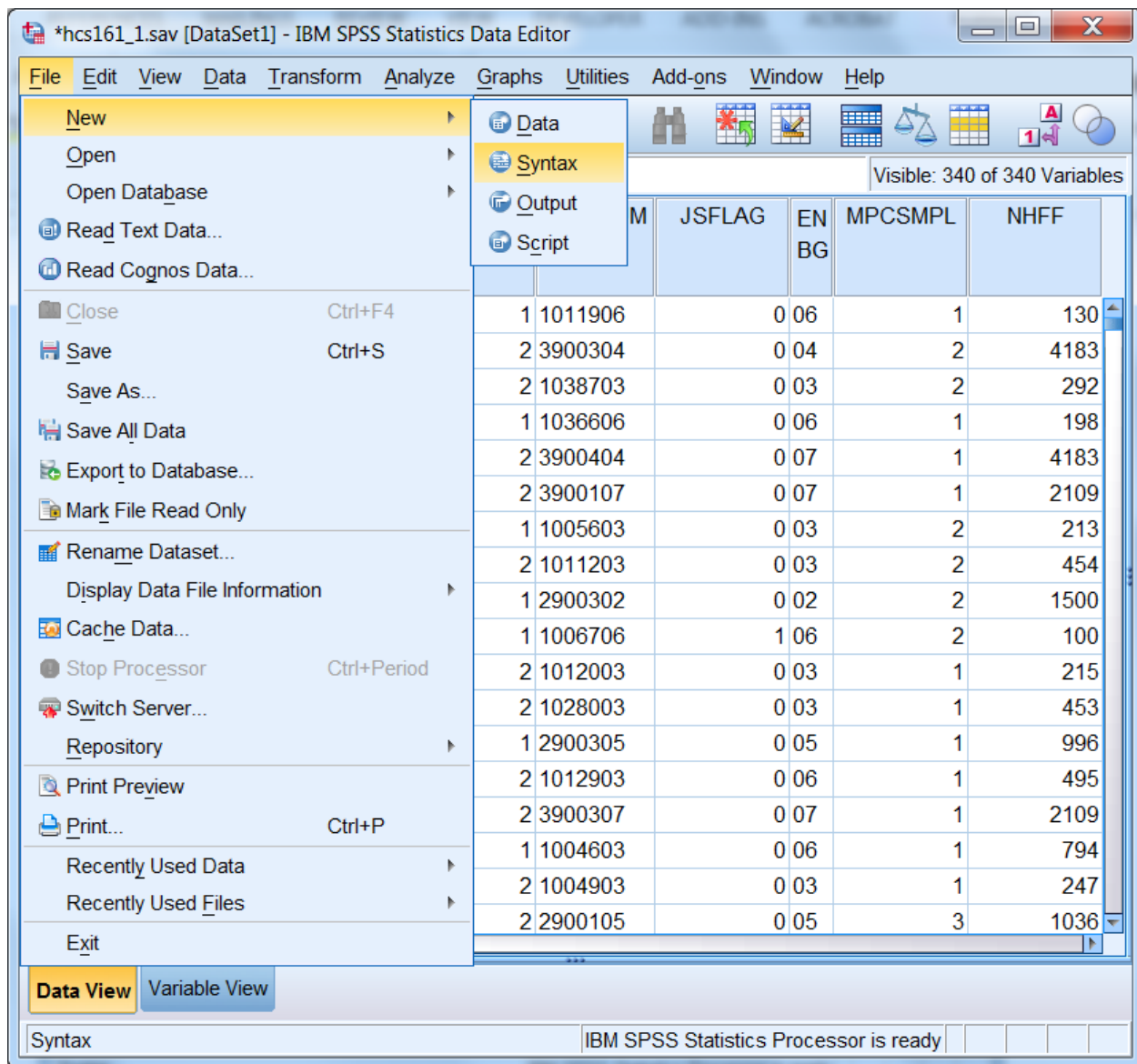
The HCSDb dataset contains many variables. To speed up software performance time, it may be desirable to limit the number of variables for analysis. There are ways to do this.

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:

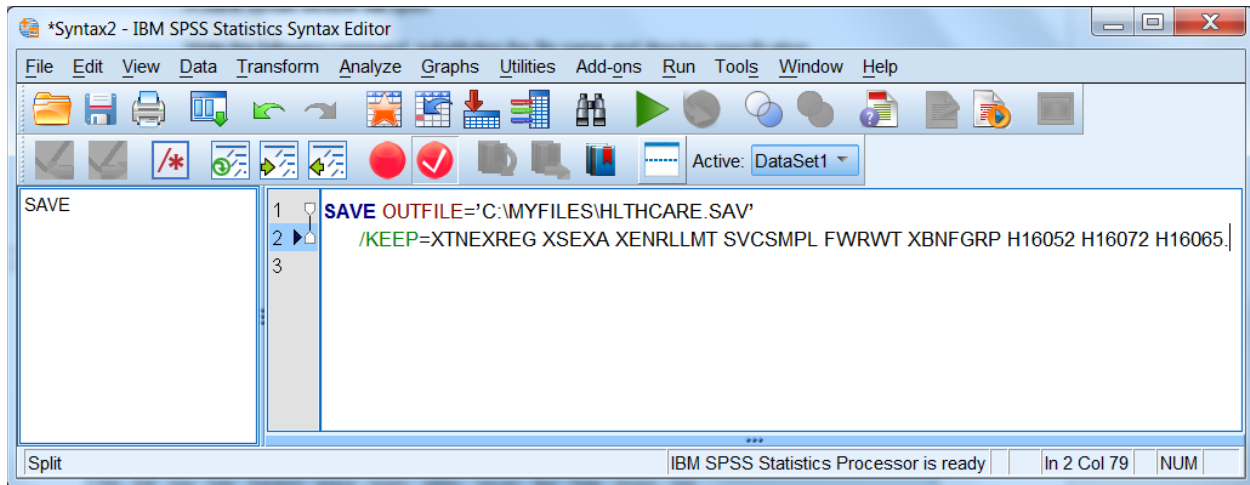


A blank syntax window will open.

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

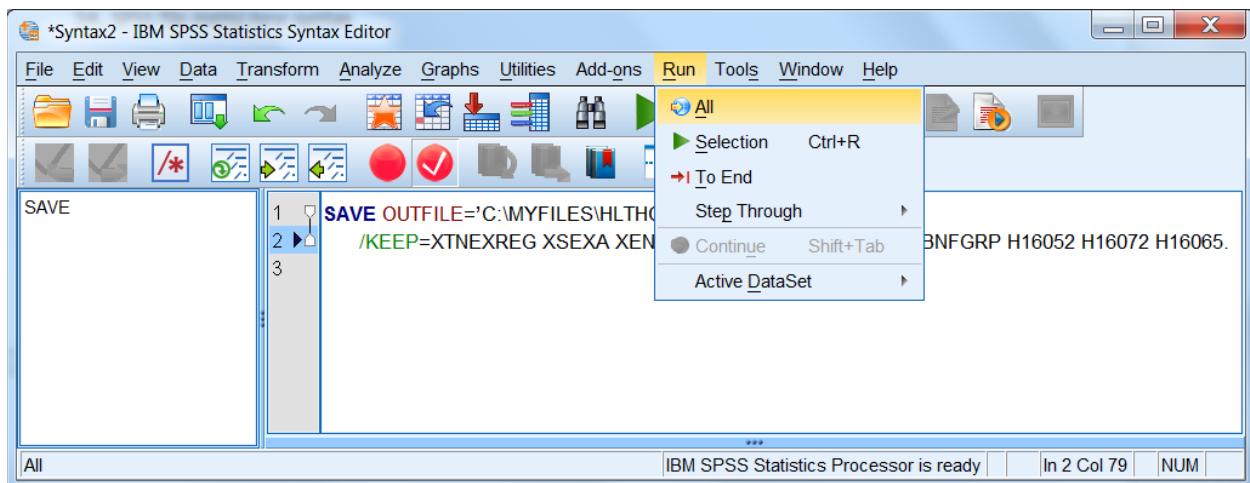
**SAVE OUTFILE='C:\MYFILES\HLTHCARE.SAV'/KEEP=XTNEXREG XSEXA XENRLLMT  
SVCSMPL FWRWT XBNFGRP H16052 H16072 H16065.**

as in the following:



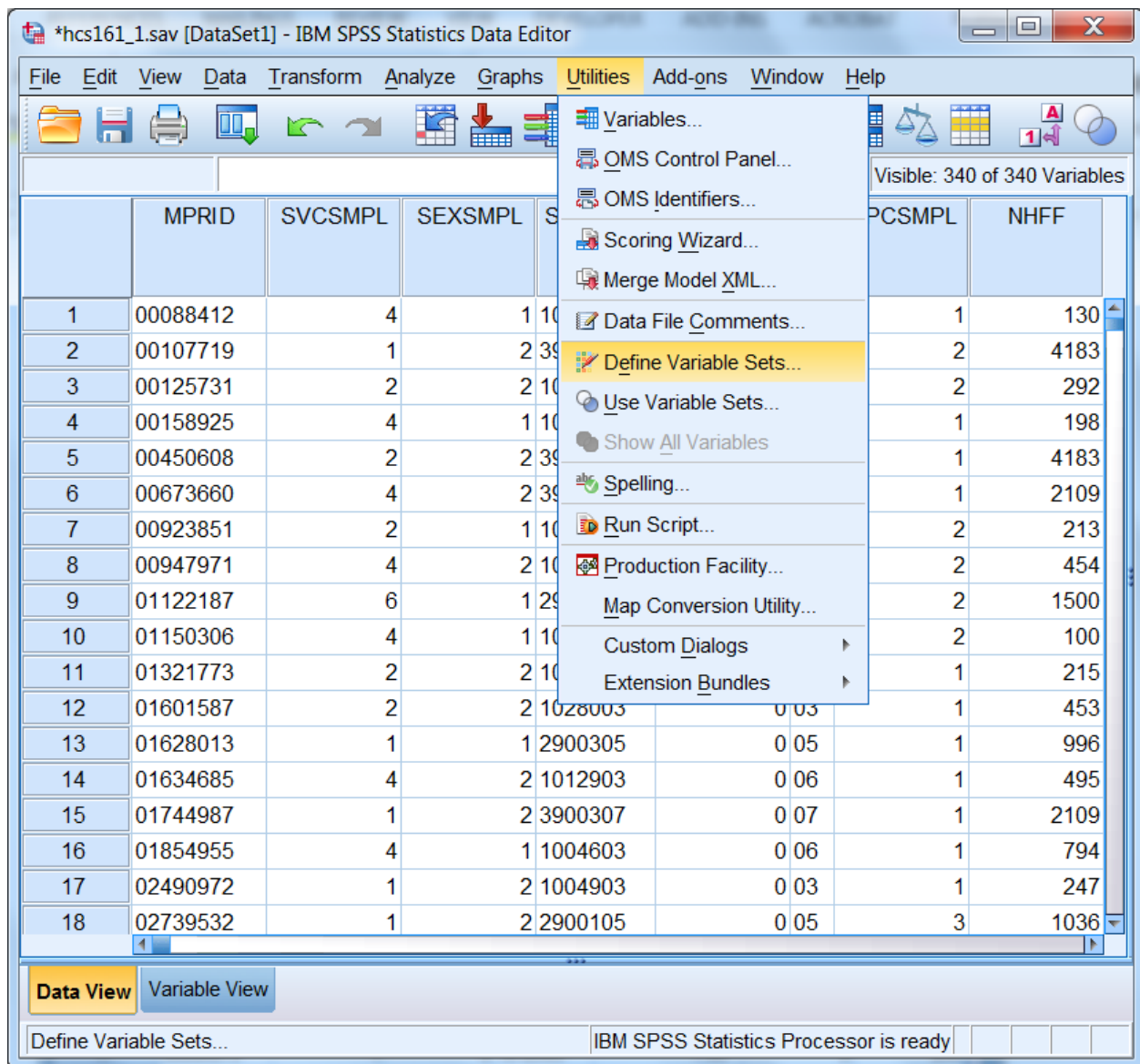
Upper case is optional. Be sure to enclose the entire file name in single quotes and to type a period at the end of the command.

Run the command by choosing the **Run** menu and selecting **All** from the choices.

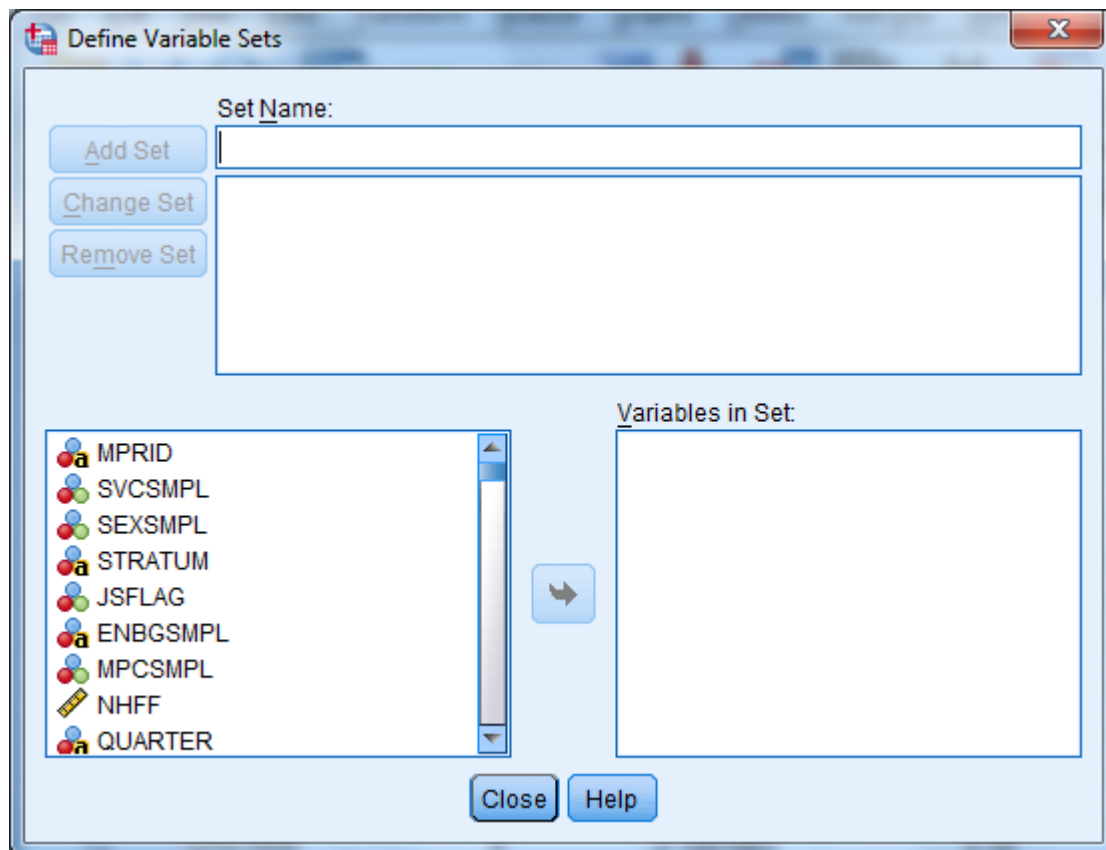


Open the new file according to the specifications at the beginning of this chapter.

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:

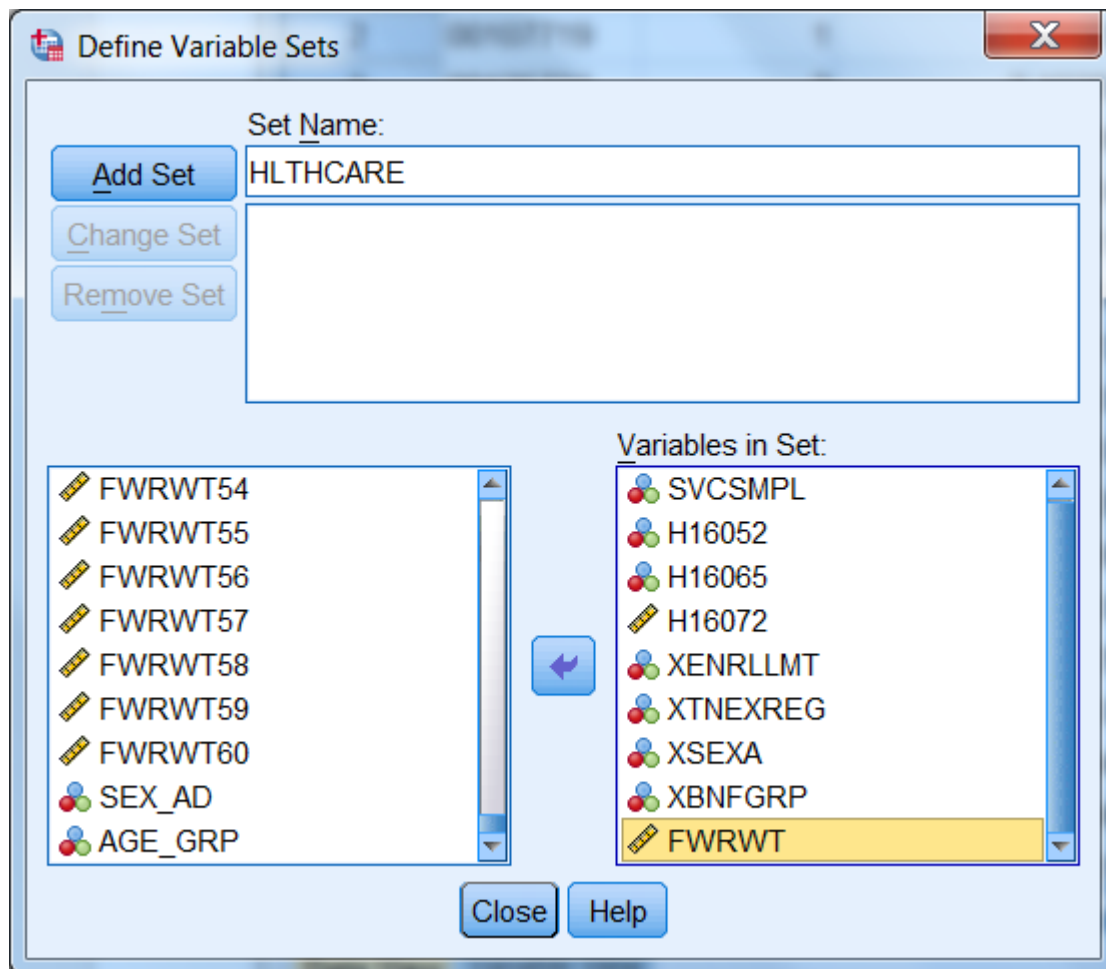


Select Define Variable Sets.



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:



The image shows a software dialog box titled "Define Variable Sets". It has a standard Windows-style title bar with a close button (X) in the top right corner. The dialog is divided into several sections. At the top, there is a "Set Name:" label followed by a text input field containing the text "HLTHCARE". To the left of this input field are three buttons: "Add Set", "Change Set", and "Remove Set". Below the "Set Name" section, there are two list boxes. The left list box contains the following variables: FWRWT54, FWRWT55, FWRWT56, FWRWT57, FWRWT58, FWRWT59, FWRWT60, SEX\_AD, and AGE\_GRP. The right list box is titled "Variables in Set:" and contains: SVCSMPL, H16052, H16065, H16072, XENRLLMT, XTNEXREG, XSEX, XBNFGRP, and FWRWT. The variable "FWRWT" in the right list is highlighted with a yellow background. Between the two list boxes is a blue button with a double-headed arrow. At the bottom of the dialog are two buttons: "Close" and "Help".

Define Variable Sets

Set Name: HLTHCARE

Add Set Change Set Remove Set

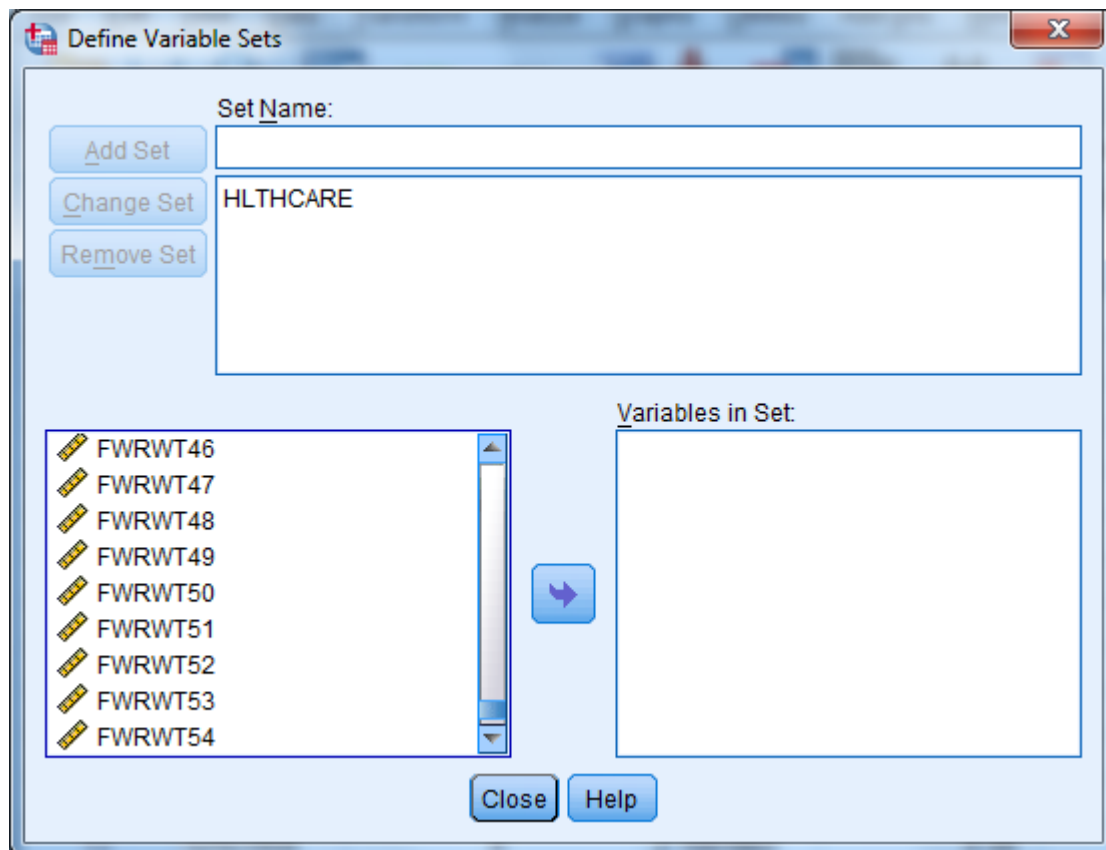
Variables in Set:

- FWRWT54
- FWRWT55
- FWRWT56
- FWRWT57
- FWRWT58
- FWRWT59
- FWRWT60
- SEX\_AD
- AGE\_GRP

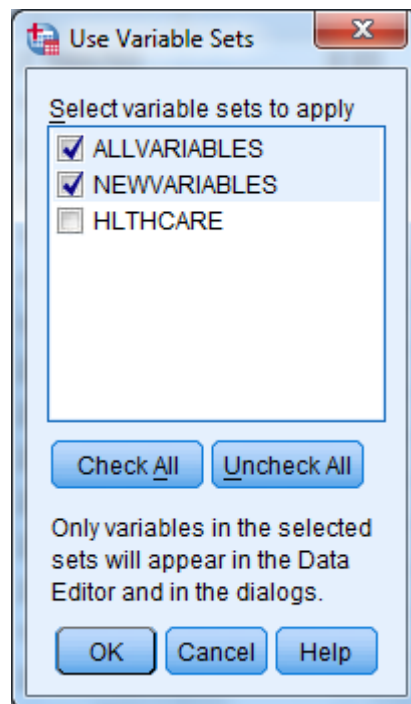
- SVCSMPL
- H16052
- H16065
- H16072
- XENRLLMT
- XTNEXREG
- XSEX
- XBNFGRP
- FWRWT

Close Help

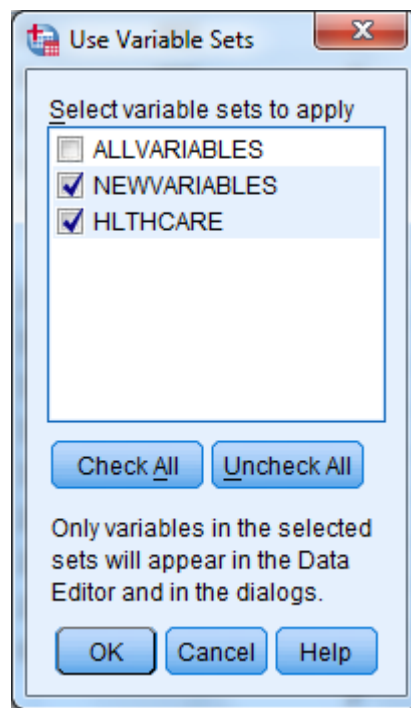
Click on **Add Set** to save the set specifications. The screen will change to the following:



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.

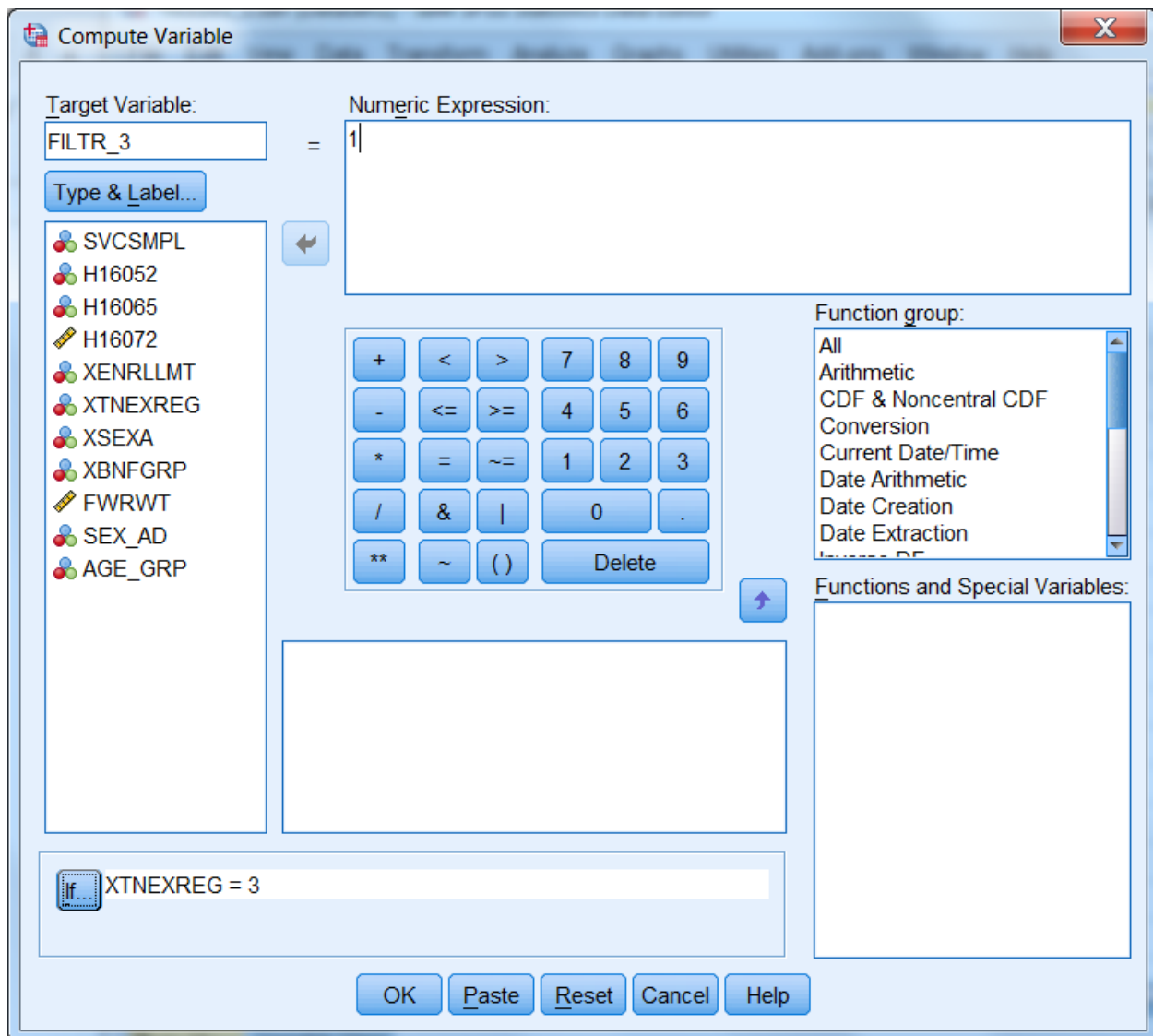
### Limiting the Number of Observations

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**.

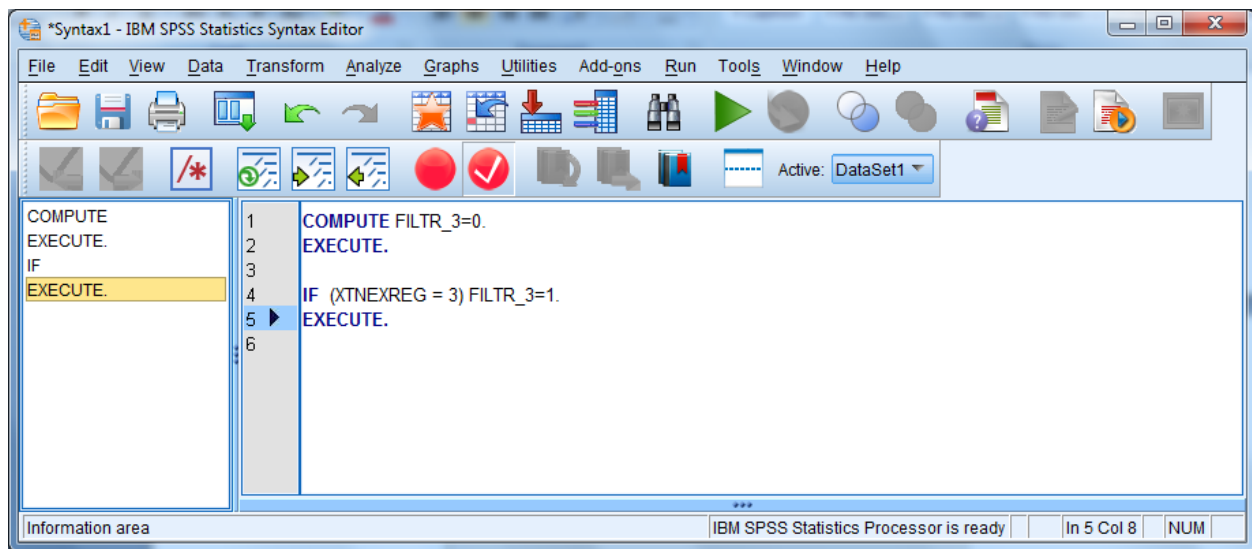
The first task is to **compute** a filter variable for all the cases in the file. A filter variable has two values: **0** and **1**. The **1** indicates that the case will be included for procedures. The **0** flags the case for removal.

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.

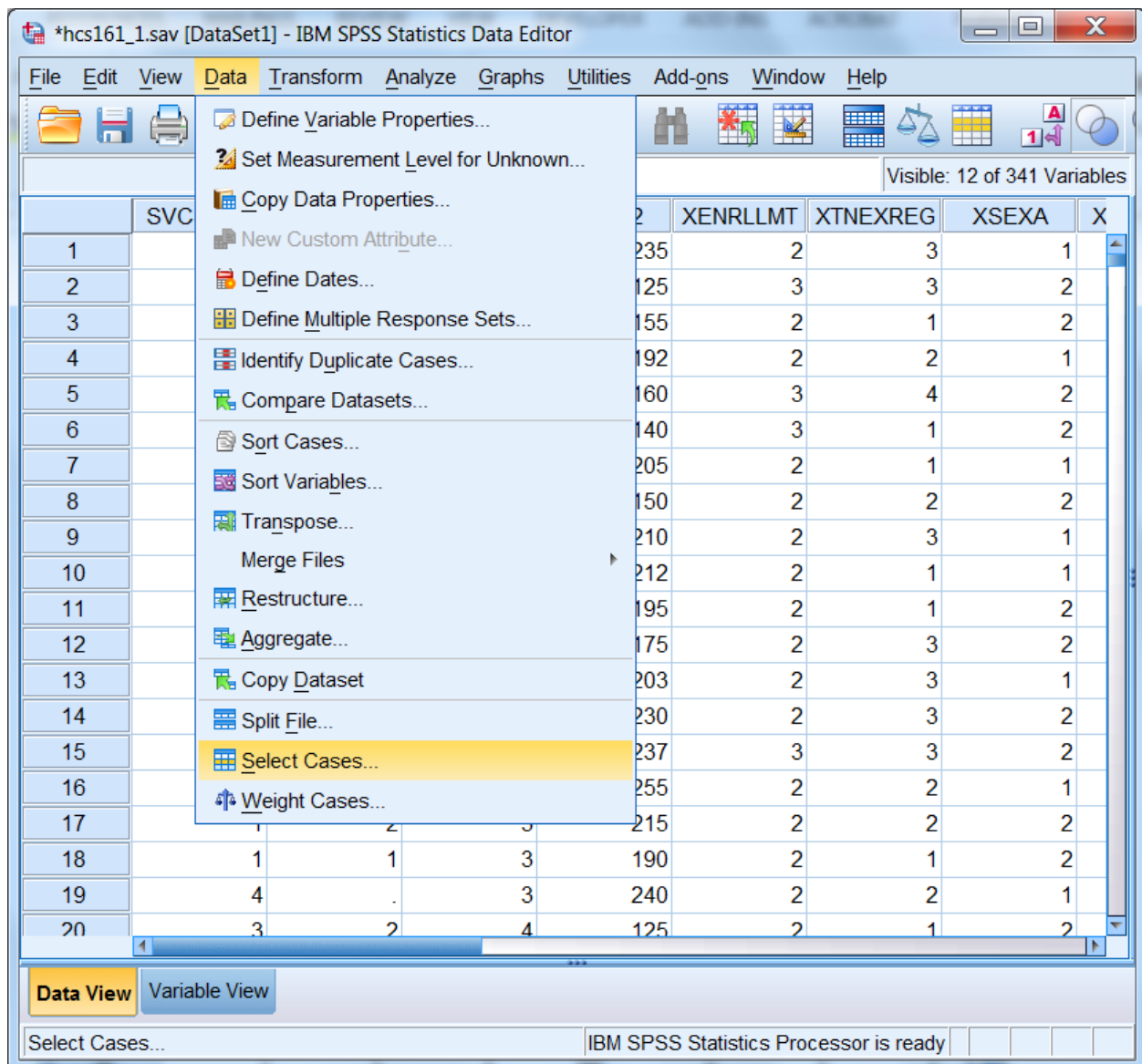


The screen that follows shows the syntax that was generated as you built the variable filtr\_3.



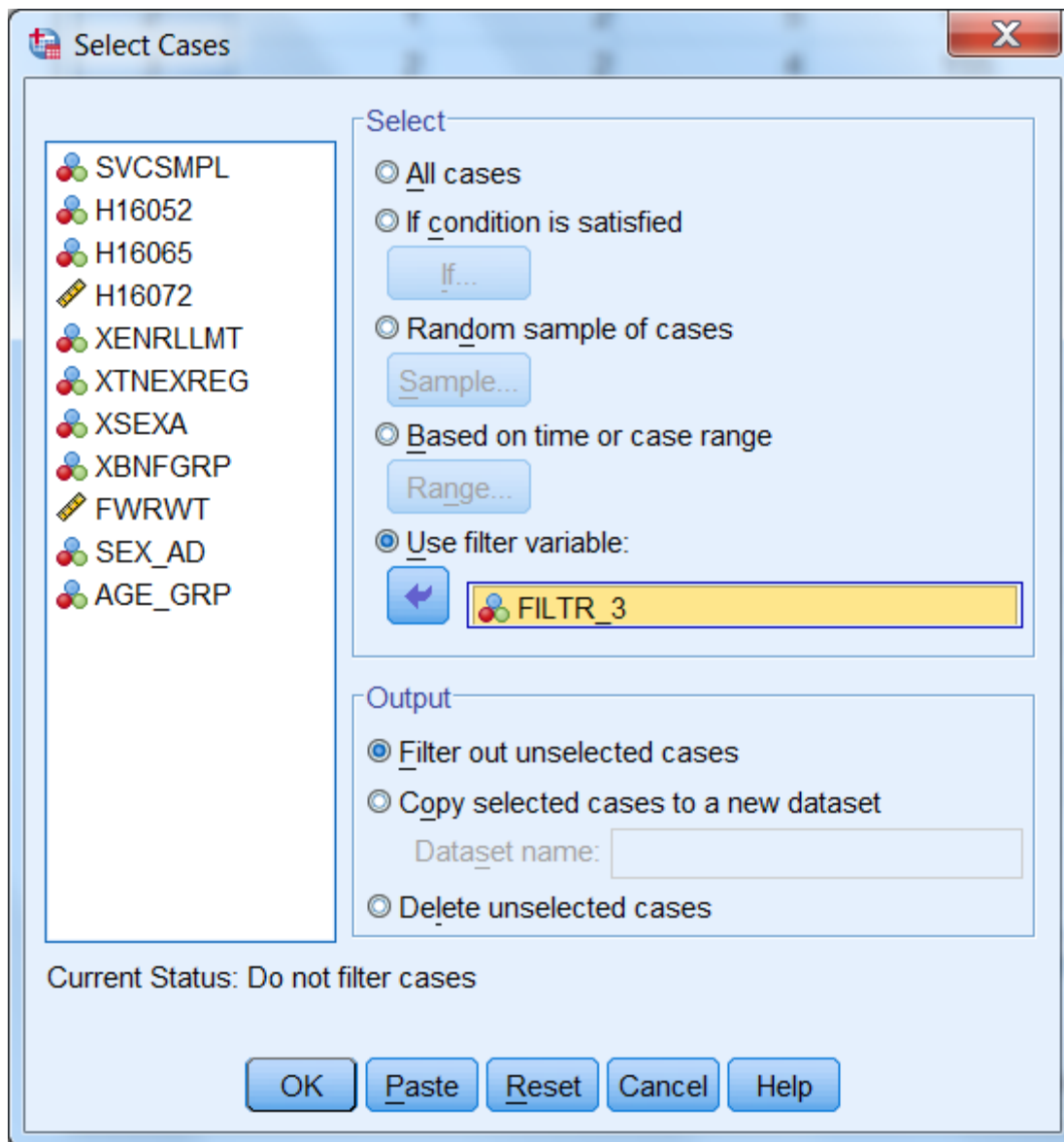
Once you build the filter variable, you can apply it for analyzing only those people from the West.

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.

\*hcs161\_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

File Edit View Data Transform Analyze Graphs Utilities Add-ons Window Help

Visible: 12 of 341 Variables

	SVCSMPL	H16052	H16065	H16072	XENRLLMT	XTNEXREG	XSEX	X
1	4	2	4	235	2	3	1	
2	1	2	5	125	3	3	2	
3	2	2	4	155	2	1	2	
4	4	1	4	192	2	2	1	
5	2	2	3	160	3	4	2	
6	4	1	5	140	3	1	2	
7	2	2	4	205	2	1	1	
8	4	2	5	150	2	2	2	
9	6	2	5	210	2	3	1	
10	4	2	4	212	2	1	1	
11	2	1	4	195	2	1	2	
12	2	2	4	175	2	3	2	
13	1	1	2	203	2	3	1	
14	4	1	3	230	2	3	2	
15	1	1	2	237	3	3	2	
16	4	1	3	255	2	2	1	
17	1	2	3	215	2	2	2	
18	1	1	3	190	2	1	2	
19	4	.	3	240	2	2	1	
20	3	2	4	125	2	1	2	

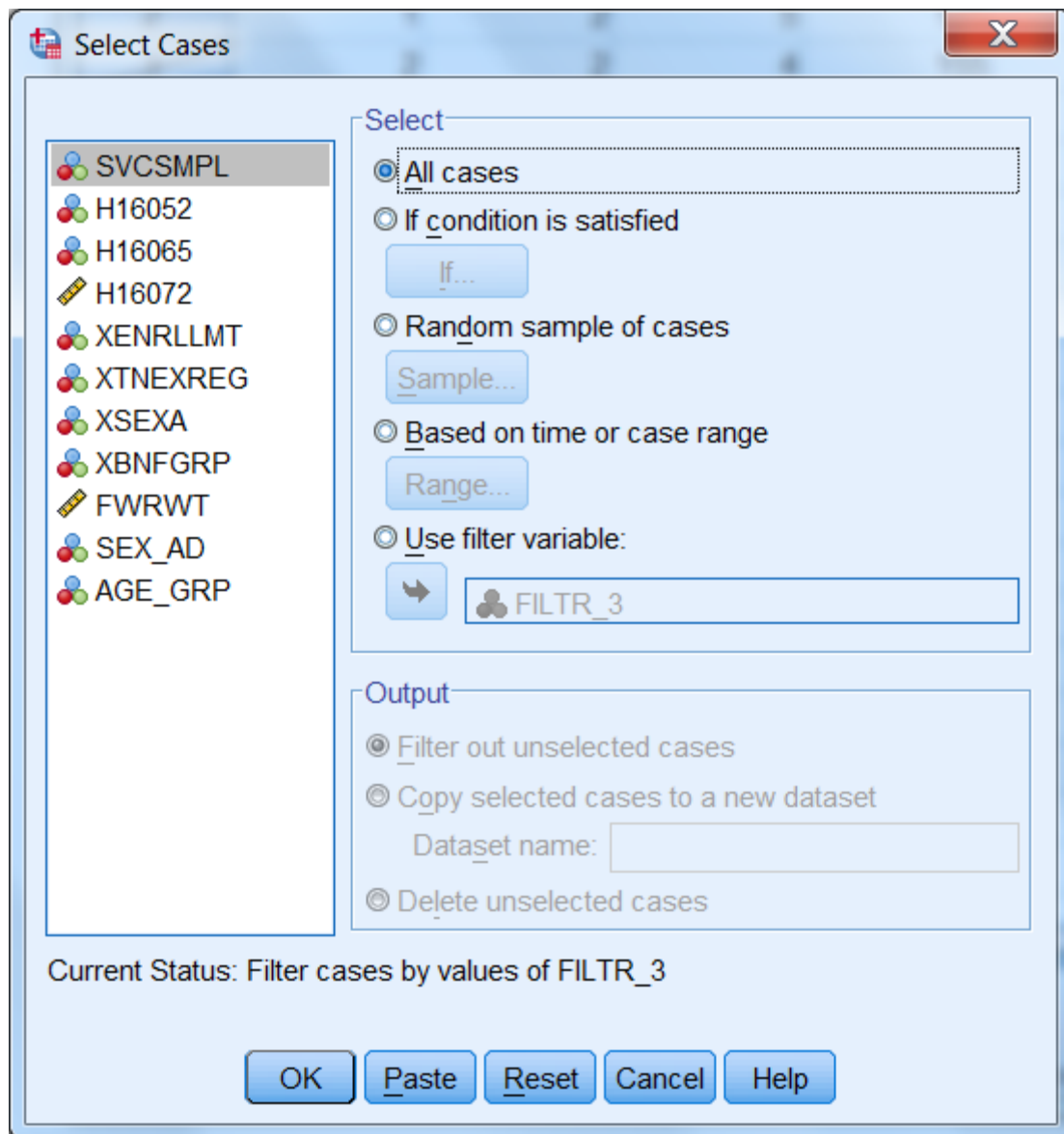
Data View Variable View

IBM SPSS Statistics Processor is ready Filter On

You can now produce tables for the subset of cases.

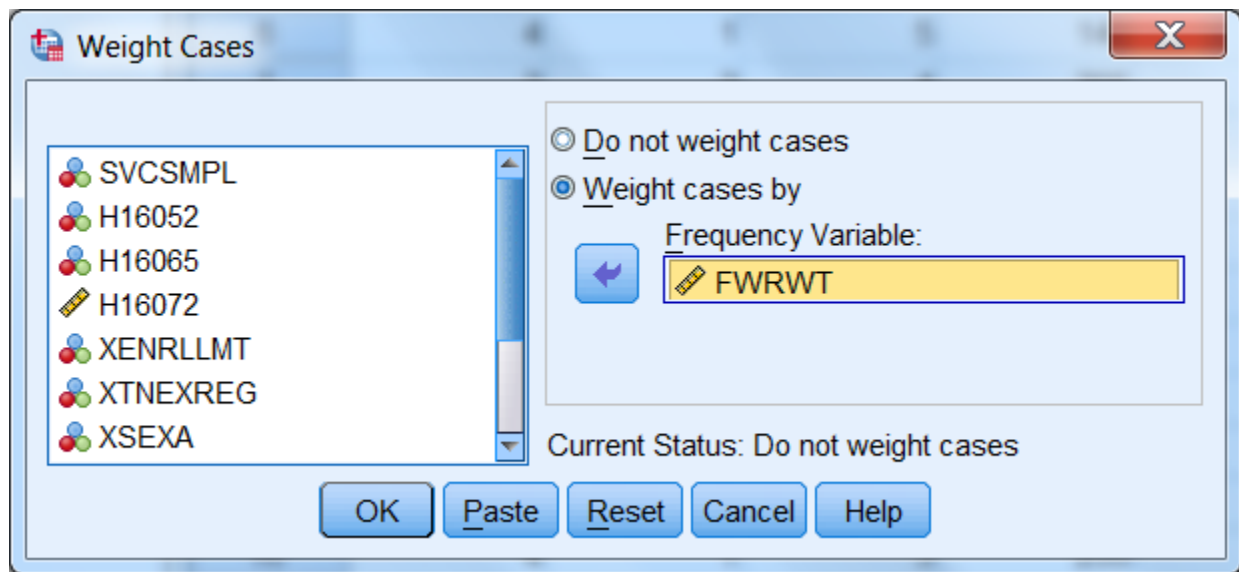
When using filter variables, it is important to check the filter status and to adjust it to fit the present need. Filtered cases are not available for procedures. Moreover, a filter is in effect until it is turned off or until another filter is activated. Check the status line at the bottom of the **Data 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.



Visible: 12 of 341 Variables

	SVCSMPL	H16052	H16065	H16072	XENRLLMT	XTNEXREG	XSEX	X
1	4	2	4	235	2	3	1	
2	1	2	5	125	3	3	2	
3	2	2	4	155	2	1	2	
4	4	1	4	192	2	2	1	
5	2	2	3	160	3	4	2	
6	4	1	5	140	3	1	2	
7	2	2	4	205	2	1	1	
8	4	2	5	150	2	2	2	
9	6	2	5	210	2	3	1	
10	4	2	4	212	2	1	1	
11	2	1	4	195	2	1	2	
12	2	2	4	175	2	3	2	
13	1	1	2	203	2	3	1	
14	4	1	3	230	2	3	2	
15	1	1	2	237	3	3	2	
16	4	1	3	255	2	2	1	
17	1	2	3	215	2	2	2	
18	1	1	3	190	2	1	2	
19	4	.	3	240	2	2	1	
20	3	2	4	125	2	1	2	

Data View Variable View

IBM SPSS Statistics Processor is ready Weight On

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 H16052, H16072, H16065, svcsmpl, xbnfgrp, xsexa, xtneqreg, 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 (**xtneqreg = 3**). Suppose you are also interested in how the respondent's weight relates to his

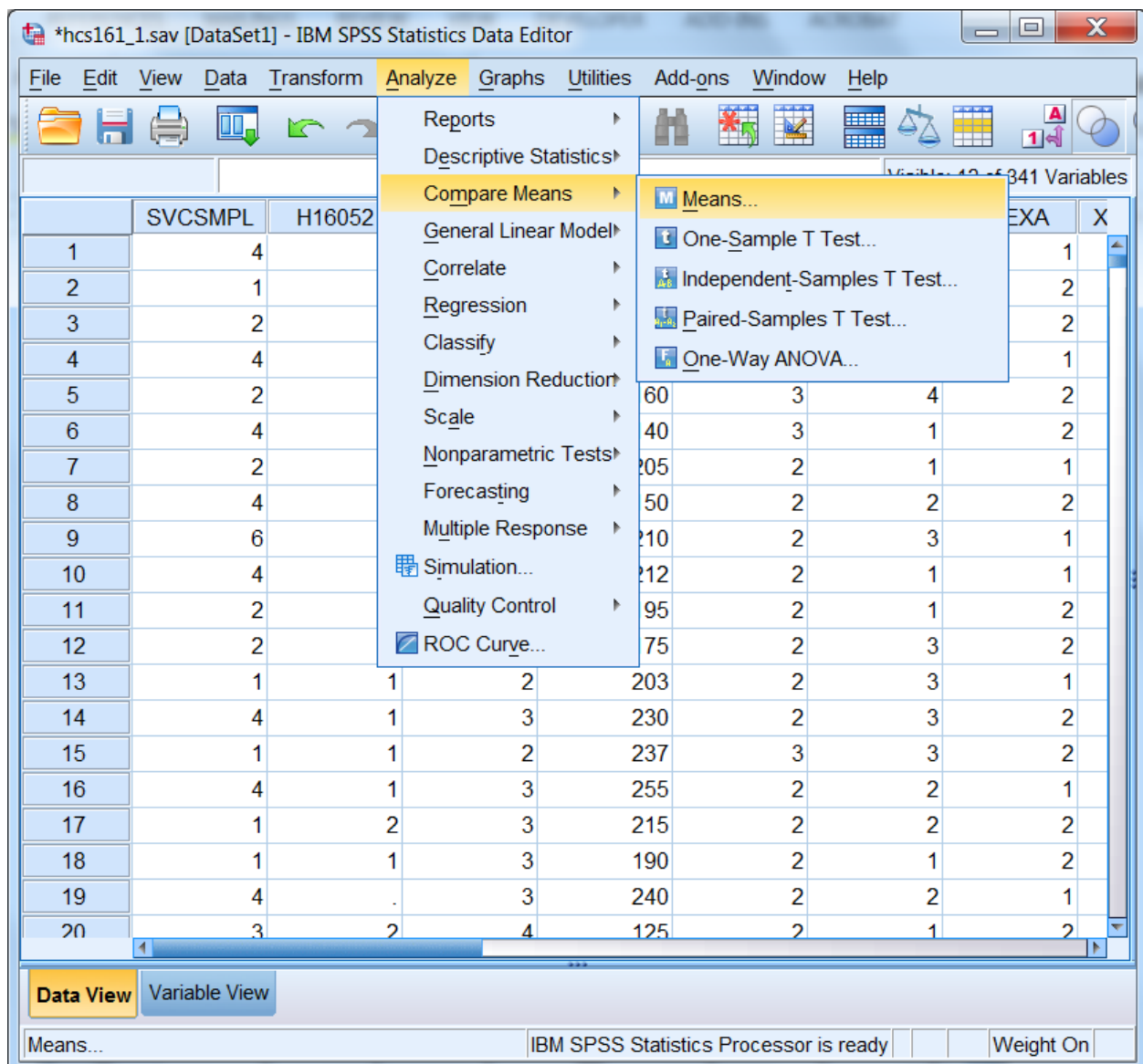
self-evaluation of his health for the West region. Within this grouping, you want to examine the effects of the beneficiary group, **xbnfrgp**, and sex, **xsexa**.

The health care variables are **H16072** (respondent's weight), and **H16065** (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.

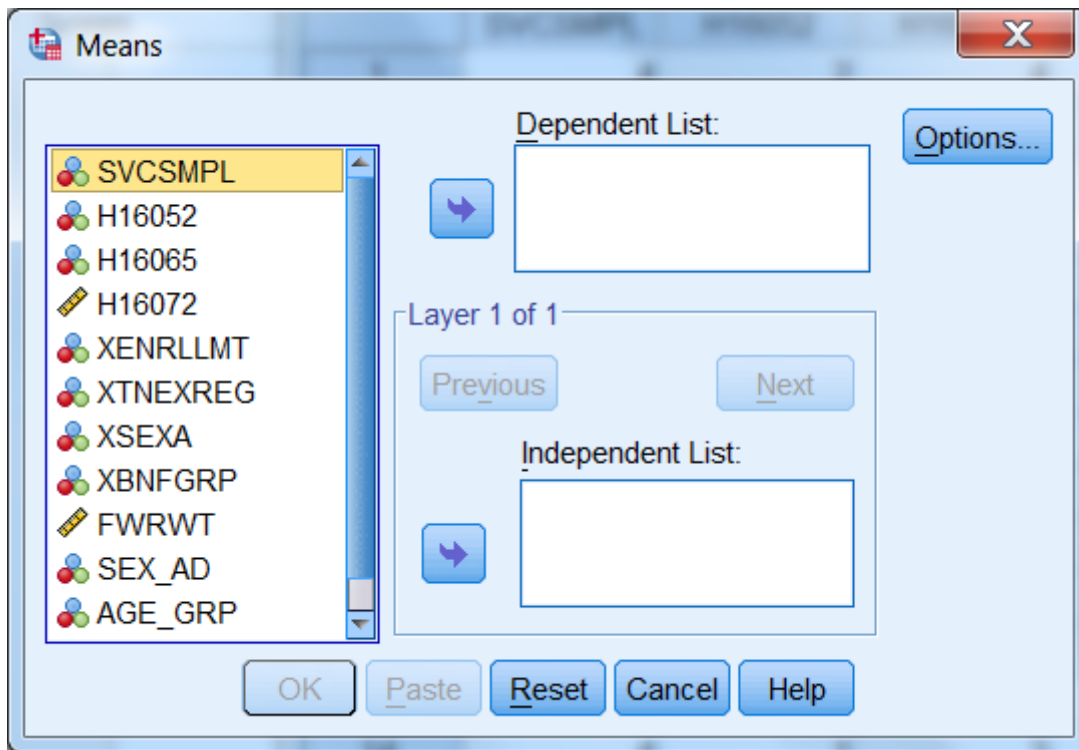
For this analysis, you can use the subset of variables defined above. The subset includes the weight variable, **FWRWT**, which you would activate for procedure runs. The subset also includes the new variable, **filtr\_3**, which allows us to select only those cases in the West.

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.

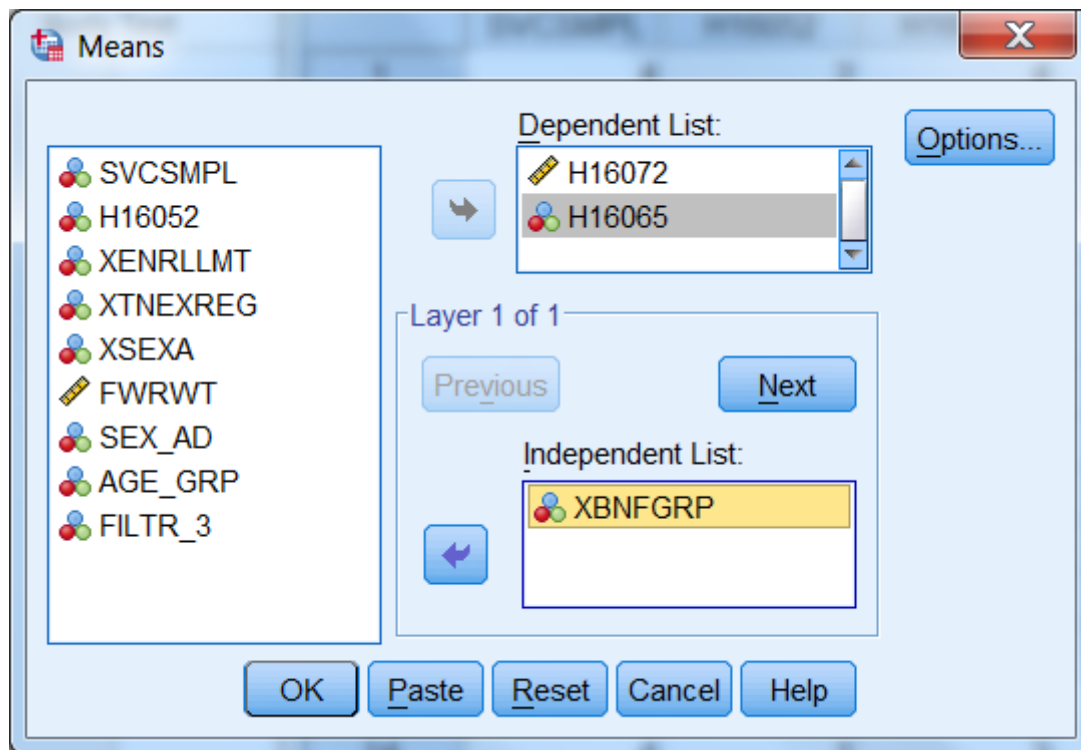
Open the **Analyze** menu in the **Data Window**. Choose **Compare Means** and **Means** from the options as illustrated below.



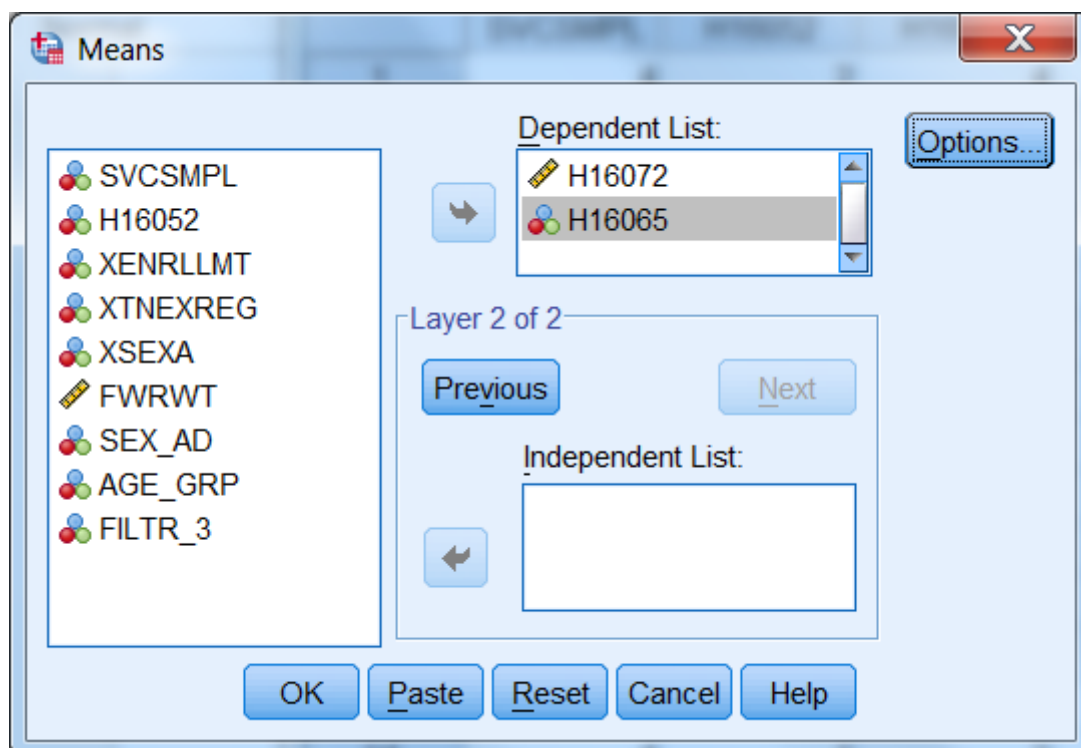
The dialog box for the Means procedure will open as in the following screen:



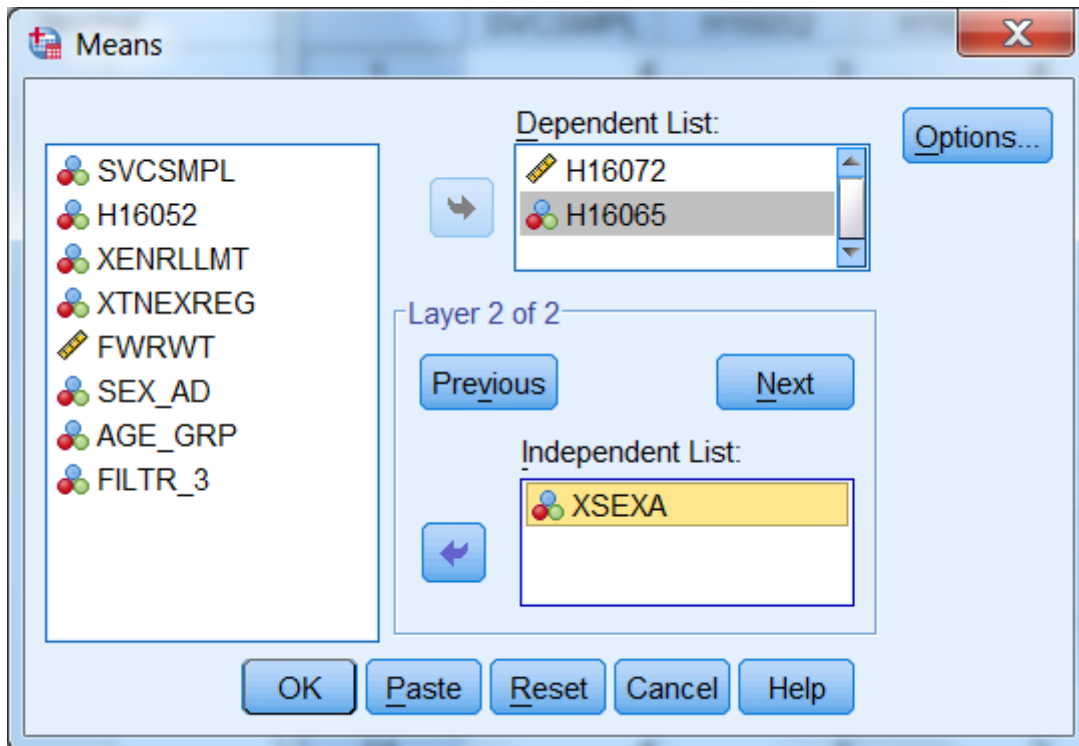
Move the variables **H16072** and **H16065** from the variable list on the left to the box underneath **Dependent List**. These are the two analysis variables. Notice that **Layer 1 of 1** is specified in the middle of the dialog box. Move **XBNFGRP** from the variable list on the left into the box under **Independent List**. **XBNFGRP** is the first grouping variable. The screen should look like the following:



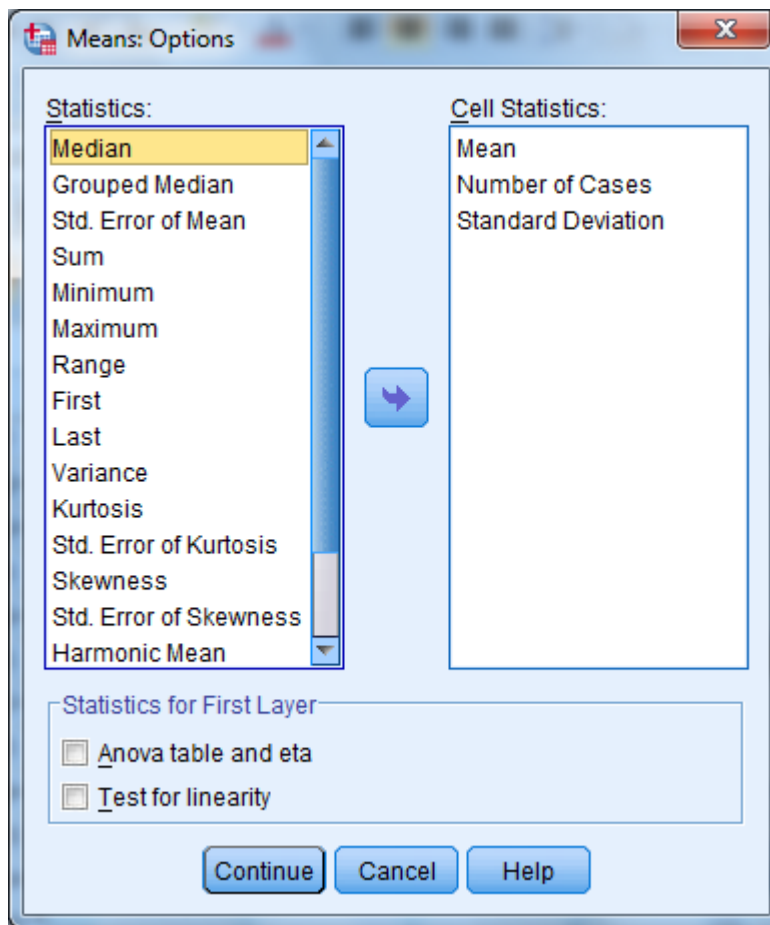
Click on **Next** in the center of the box to create a second layer. The following screen will open:



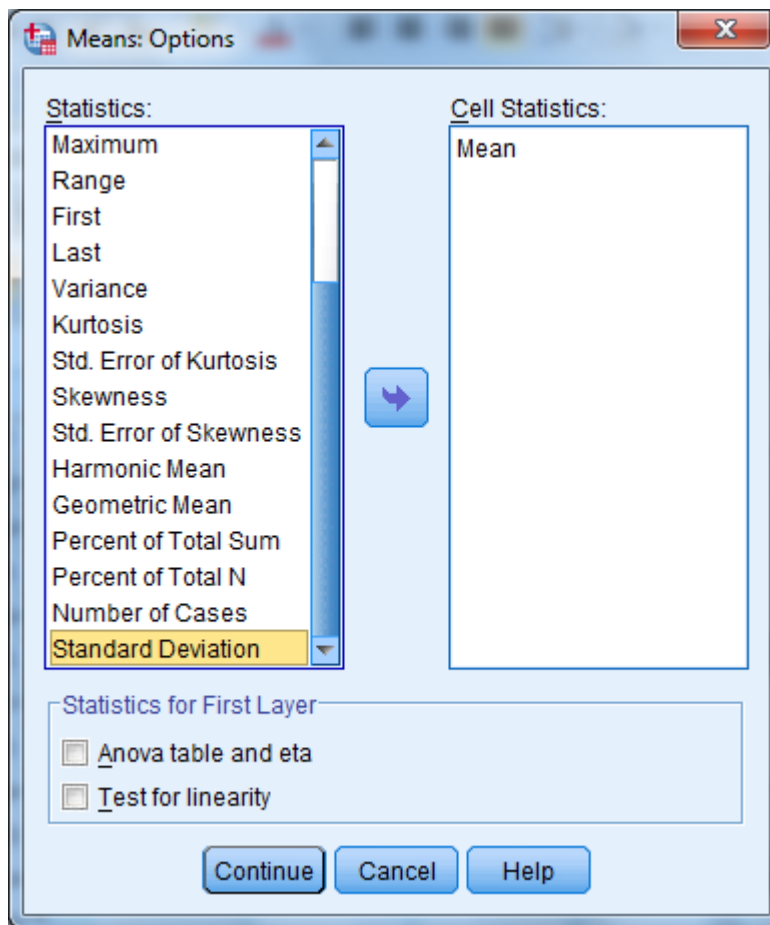
Notice that **Layer 2 of 2** is specified in the middle of the dialog box. Move **xsexa** from the variable list on the left into the box under **Independent List**. **Xsexa** is the second grouping variable. The screen should look like the following:



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.

**Means**

**Case Processing Summary**

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Weight without shoes * Beneficiary Group * Male or Female - R	6817144	92.1%	588403	7.9%	7405547	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	7077126	95.6%	328421	4.4%	7405547	100.0%

**Report**

Mean

Beneficiary Group Male or Female - R		Weight without shoes	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82

IBM SPSS Statistics Processor is ready

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.

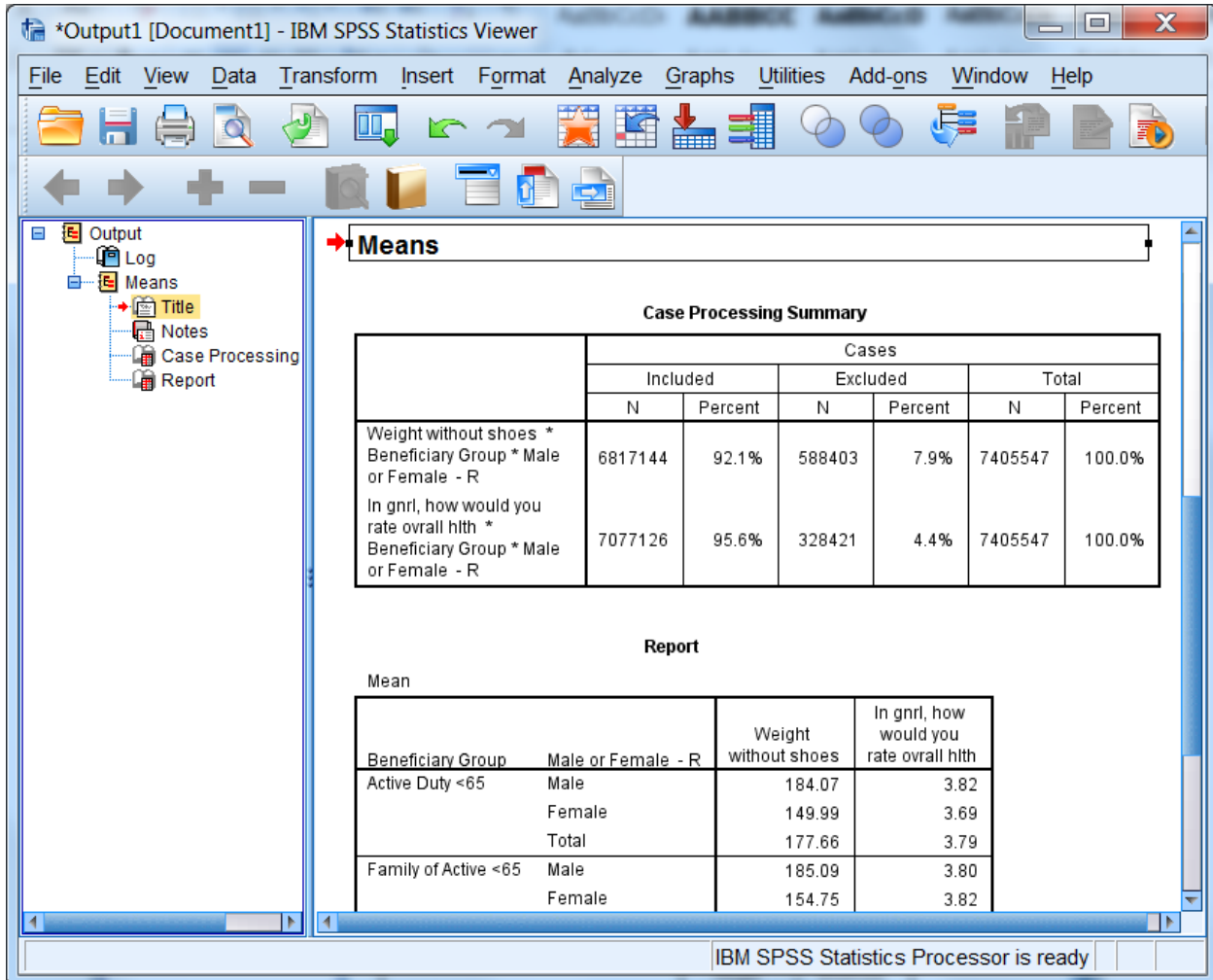
It is possible to select elements in the right pane of the output. Simply click anywhere inside of the actual output element, and that element will be selected.

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.



The screenshot shows the IBM SPSS Statistics Viewer window. The left pane displays the 'Output' tree with 'Means' selected. The right pane shows the 'Means' output, which includes a 'Case Processing Summary' table and a 'Report' table. The 'Means' title is highlighted in a box, and the 'Means' text is also highlighted in a box.

**Case Processing Summary**

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Weight without shoes * Beneficiary Group * Male or Female - R	6817144	92.1%	588403	7.9%	7405547	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	7077126	95.6%	328421	4.4%	7405547	100.0%

**Report**

Mean

Beneficiary Group	Male or Female - R	Weight without shoes	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82

IBM SPSS Statistics Processor is ready

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.

**\*Output1 [Document1] - IBM SPSS Statistics Viewer**

File Edit View Insert Format Analyze Graphs Utilities Window Help

SansSerif 10.8 B I U

Output  
Log  
Means  
Title  
Notes  
Case Processing  
Report

➔ **Mean of Respondent's Weight w/Health Assessment**

**Case Processing Summary**

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Weight without shoes * Beneficiary Group * Male or Female - R	6817144	92.1%	588403	7.9%	7405547	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	7077126	95.6%	328421	4.4%	7405547	100.0%

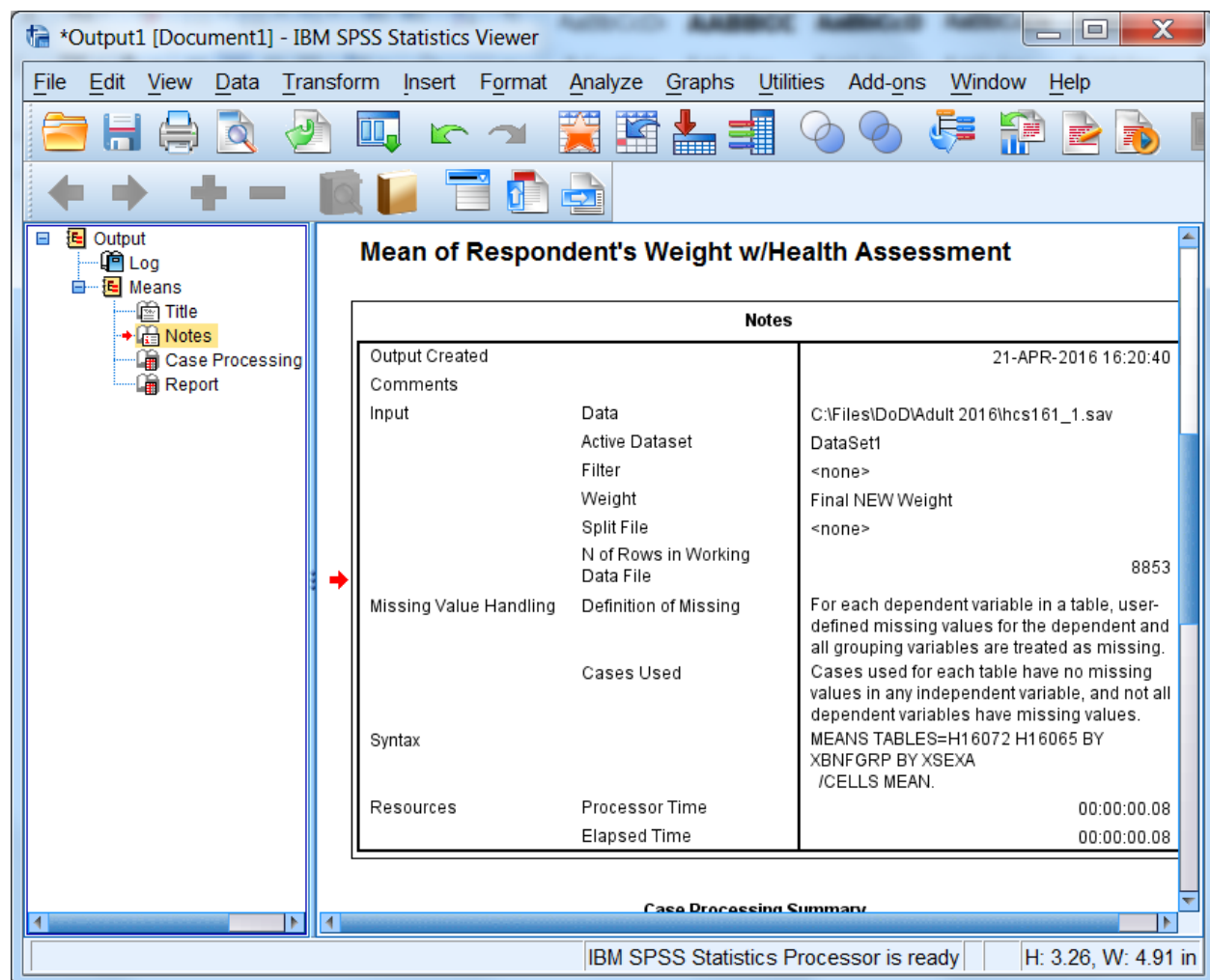
**Report**

Mean

Beneficiary Group	Male or Female - R	Weight without shoes	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82
	Total	156.97	3.82
Ret/Surv/Fam <65	Male	203.15	3.53
	Female	163.62	3.56

Double click to edit Title IBM SPSS Statistics Processor is ready H: 0.23, W: 4.63 in

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:

**Mean of Respondent's Weight w/Health Assessment**

Report			
Mean		Weight without shoes	In gnr1, how would you rate overall hith
Beneficiary Group	Male or Female - R		
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82
	Total	156.97	3.82
Ret/Surv/Fam <65	Male	203.15	3.53
	Female	163.62	
	Total	181.97	
Ret/Surv/Fam 65+	Male	196.00	
	Female	158.18	
	Total	178.26	
Total	Male	194.25	
	Female	158.81	
	Total	176.68	

Context menu options: Cut, Copy, Copy Special..., Paste After, Create/Edit Autoscript..., Export..., Edit Content

Double click to edit Pivot Table | IBM SPSS Statistics Processor is ready | H: 3.38, W: 3.78 in

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

**Mean of Respondent's Weight w/Health Assessment**

Report

Mean

Beneficiary Group	Male or Female - R	Weight without shoes	In gnrl, how would you rate ovrl hith
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82
	Total		3.82
Ret/Surv/Fam <65	Male		3.53
	Female		3.56
	Total		3.55
Ret/Surv/Fam 65+	Male		3.54
	Female		3.35
	Total		3.45
Total	Male		3.63
	Female		3.57
	Total		

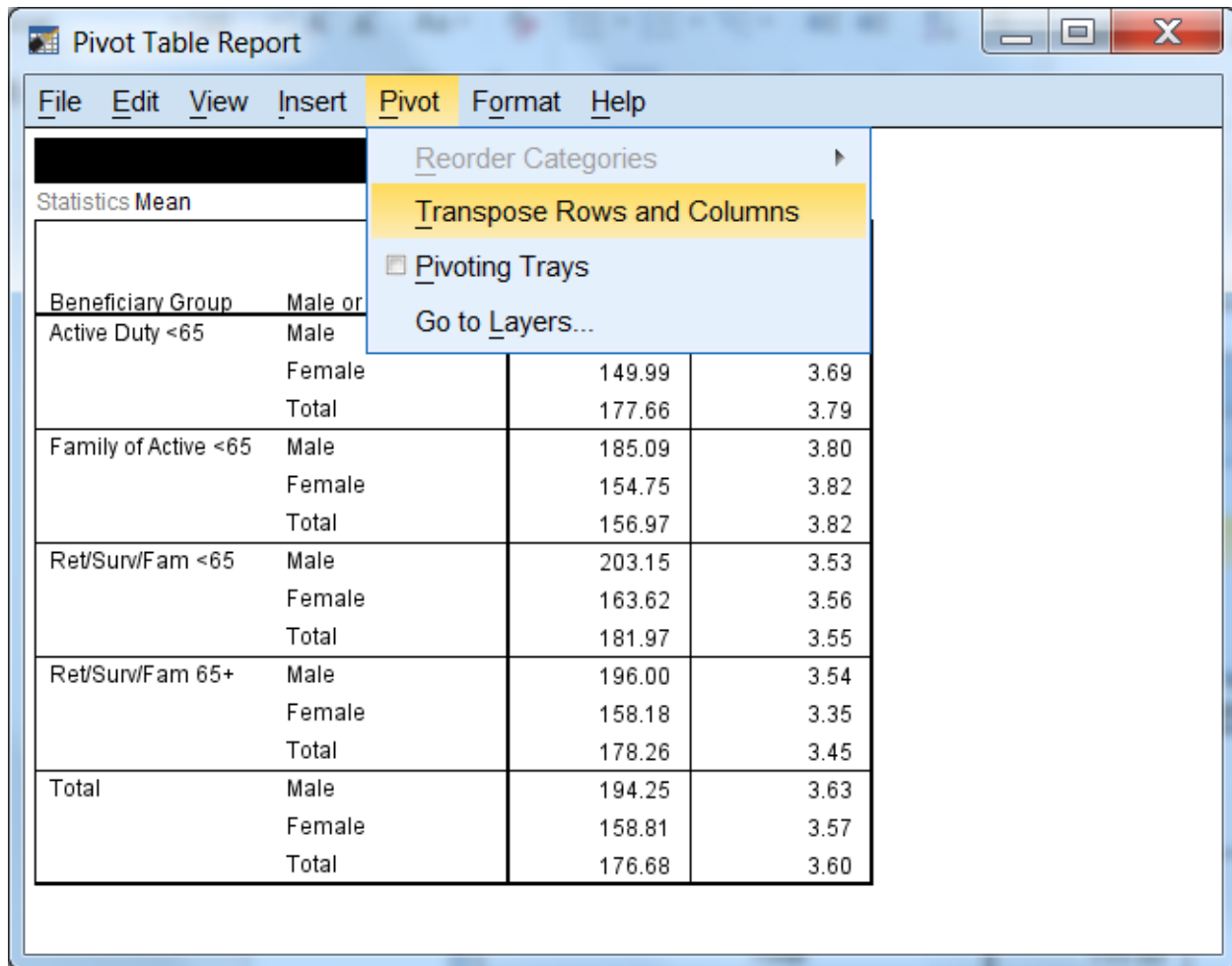
IBM SPSS Statistics Processor is ready | H: 3.38, W: 3.78 in

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

Beneficiary Group		Weight without shoes	In gnrl, how would you rate ovrall hith
Active Duty <65	Male	184.07	3.82
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82
	Total	156.97	3.82
Ret/Surv/Fam <65	Male	203.15	3.53
	Female	163.62	3.56
	Total	181.97	3.55
Ret/Surv/Fam 65+	Male	196.00	3.54
	Female	158.18	3.35
	Total	178.26	3.45
Total	Male	194.25	3.63
	Female	158.81	3.57
	Total	176.68	3.60

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:



**Pivot Table Report**

File Edit View Insert **Pivot** Format Help

Reorder Categories

**Transpose Rows and Columns**

☐ **Pivoting Trays**

Go to **L**ayers...

Statistics Mean

Beneficiary Group	Male or		
Active Duty <65	Male		
	Female	149.99	3.69
	Total	177.66	3.79
Family of Active <65	Male	185.09	3.80
	Female	154.75	3.82
	Total	156.97	3.82
Ret/Surv/Fam <65	Male	203.15	3.53
	Female	163.62	3.56
	Total	181.97	3.55
Ret/Surv/Fam 65+	Male	196.00	3.54
	Female	158.18	3.35
	Total	178.26	3.45
Total	Male	194.25	3.63
	Female	158.81	3.57
	Total	176.68	3.60

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.

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	184.07	149.99	177.66	185.09	154.75	156.97	203.15	163.62	181.97
In gnrl, how would you rate ovral hltth	3.82	3.69	3.79	3.80	3.82	3.82	3.53	3.56	3.55

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.

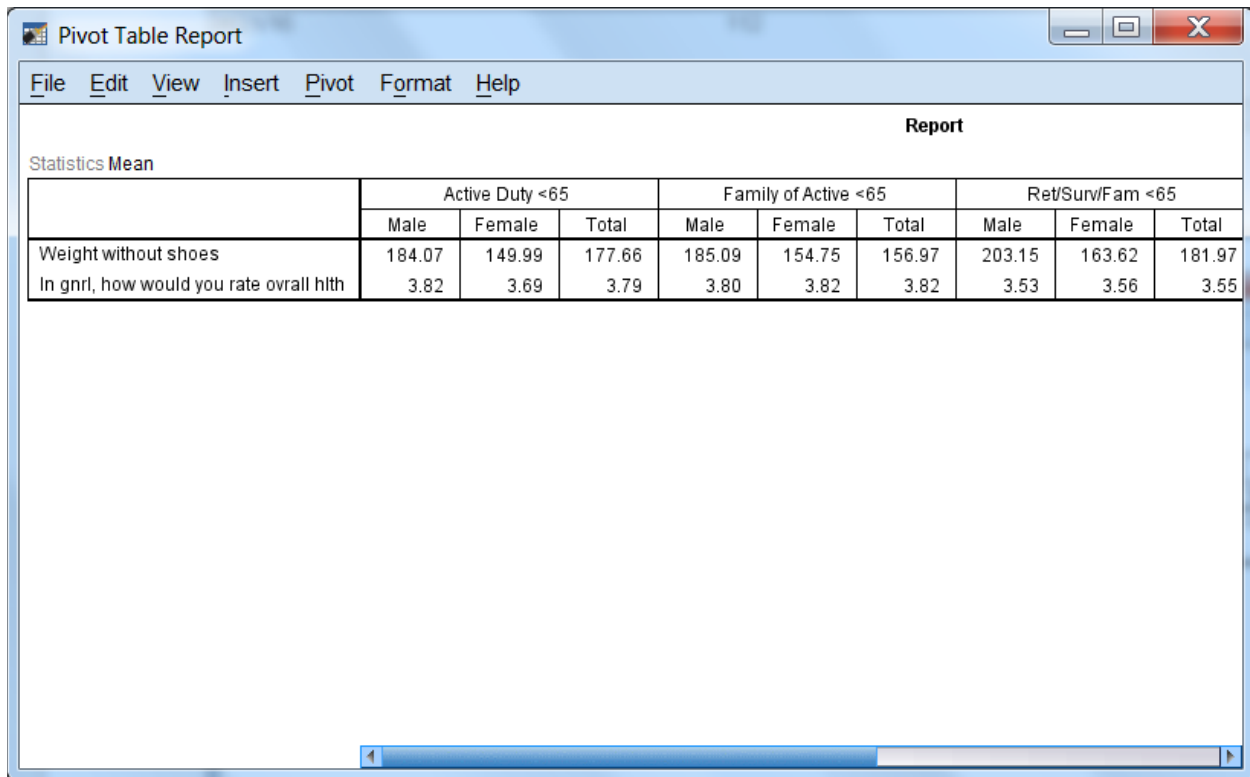
Click inside the section of the table where the label, **Beneficiary Group**, appears. Right-click to open a dialog box, choosing **Hide Dimension Label**, as illustrated below.



The screenshot shows a 'Pivot Table Report' window. A context menu is open over the table, with 'Hide Dimension Label' highlighted. The table has two columns: 'Weight without shoes' and 'In gnrl, how would you rate ovral hlt'. The rows are categorized by 'Active Duty <65' and 'Male or Female - R'. The 'Male or Female - R' row is further divided into 'Male', 'Female', and 'Total' columns.

Statistics Mean		Active Duty <65		
		Male or Female - R		
		Male	Female	Total
Weight without shoes		184.07	149.99	177.66
In gnrl, how would you rate ovral hlt		3.82	3.69	3.79

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

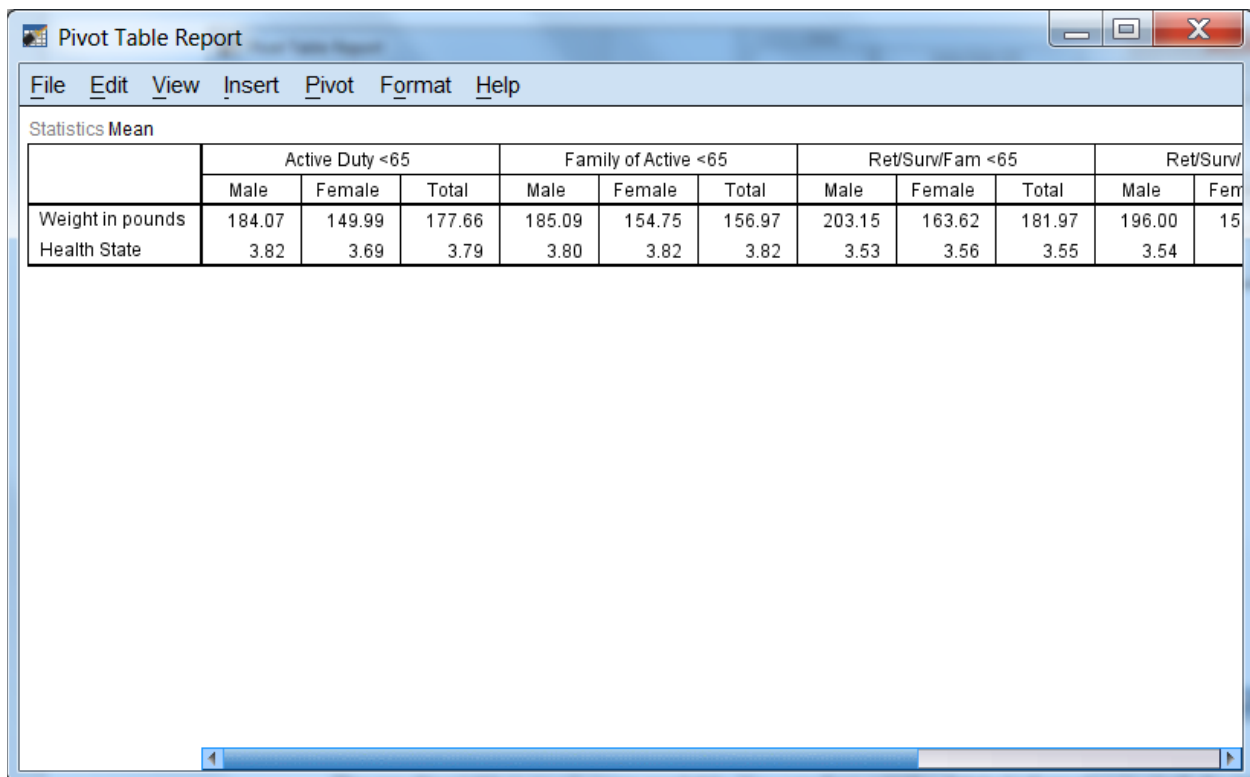


Report									
Statistics Mean									
	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Weight without shoes	184.07	149.99	177.66	185.09	154.75	156.97	203.15	163.62	181.97
In gnrl, how would you rate ovral hlth	3.82	3.69	3.79	3.80	3.82	3.82	3.53	3.56	3.55

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**.

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



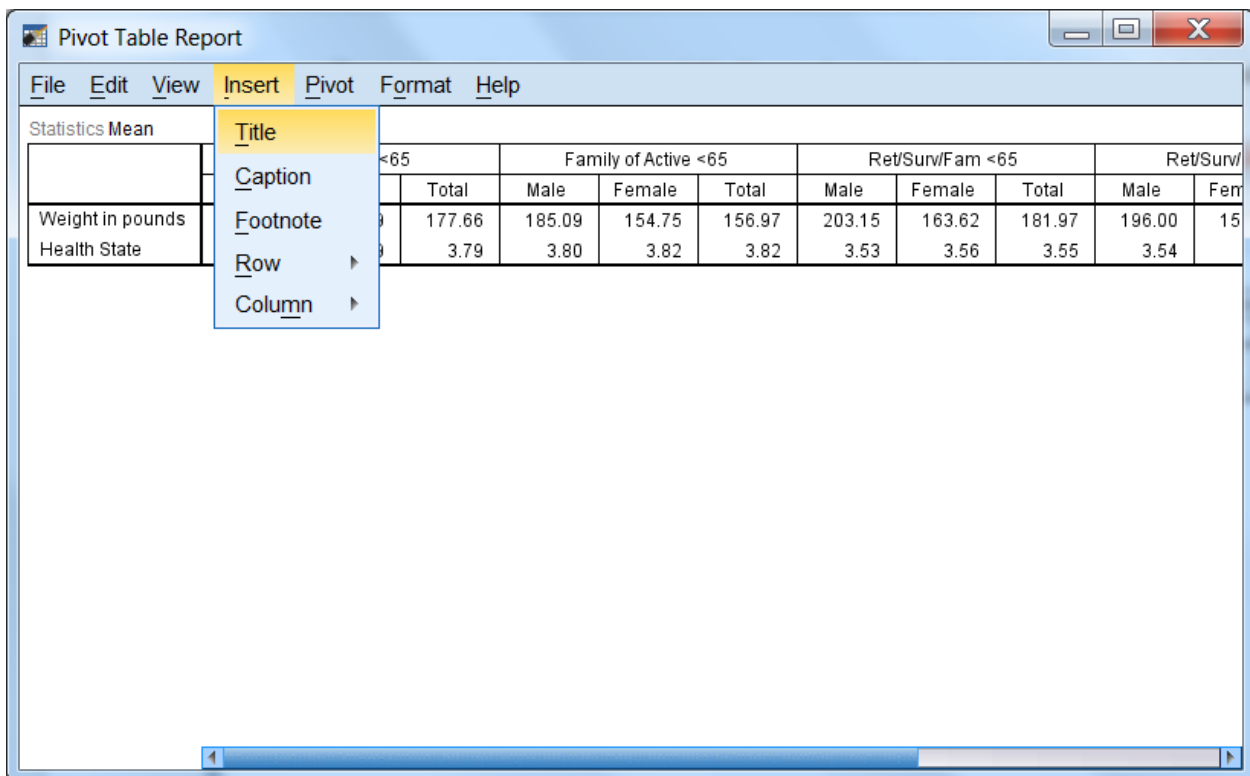
**Pivot Table Report**

File Edit View Insert Pivot Format Help

Statistics Mean

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Fem
Weight in pounds	184.07	149.99	177.66	185.09	154.75	156.97	203.15	163.62	181.97	196.00	15
Health State	3.82	3.69	3.79	3.80	3.82	3.82	3.53	3.56	3.55	3.54	

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

	<65			Family of Active <65			Ret/Surv/Fam <65			Ret/Surv/	
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Male	Fem
Weight in pounds	177.66	185.09	154.75	156.97	203.15	163.62	181.97	196.00	15		
Health State	3.79	3.80	3.82	3.82	3.53	3.56	3.55	3.54			

Insert menu options: Title, Caption, Footnote, Row, Column

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	Total
Weight in pounds	184.07	149.99	177.66	185.09	154.75	156.97	203.15	163.62	181.97	196.00	158.18	178.00
Health State	3.82	3.69	3.79	3.80	3.82	3.82	3.53	3.56	3.55	3.54	3.35	3.35

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.

The screenshot shows the IBM SPSS Statistics Viewer window with the title '\*Output1 [Document1] - IBM SPSS Statistics Viewer'. The window has a toolbar with buttons: Print, Next Page, Prev Page, Two Page, Zoom In, Zoom Out, Page Setup, and Close. The main content area displays three tables, each preceded by the title 'Mean of Respondent's Weight w/Health Assessment: By Beneficiary Status and Gender: West F'.

**Table 1:**

Mean

	Active Duty <65			Family of Active <65			Ret/Surv/
	Male	Female	Total	Male	Female	Total	Male
Weight in pounds	184.07	149.99	177.66	185.09	154.75	156.97	203.15
Health State	3.82	3.69	3.79	3.80	3.82	3.82	3.53

**Table 2:**

Mean

	Ret/Surv/Fam <65		Ret/Surv/Fam 65+			Total	
	Female	Total	Male	Female	Total	Male	Female
Weight in pounds	163.62	181.97	196.00	158.18	178.26	194.25	158.81
Health State	3.56	3.55	3.54	3.35	3.45	3.63	3.57

**Table 3:**

Mean

	Total
Weight in pounds	
Health State	

Page 1 SPSS Statistics Processor is ready

### Calculating Percents

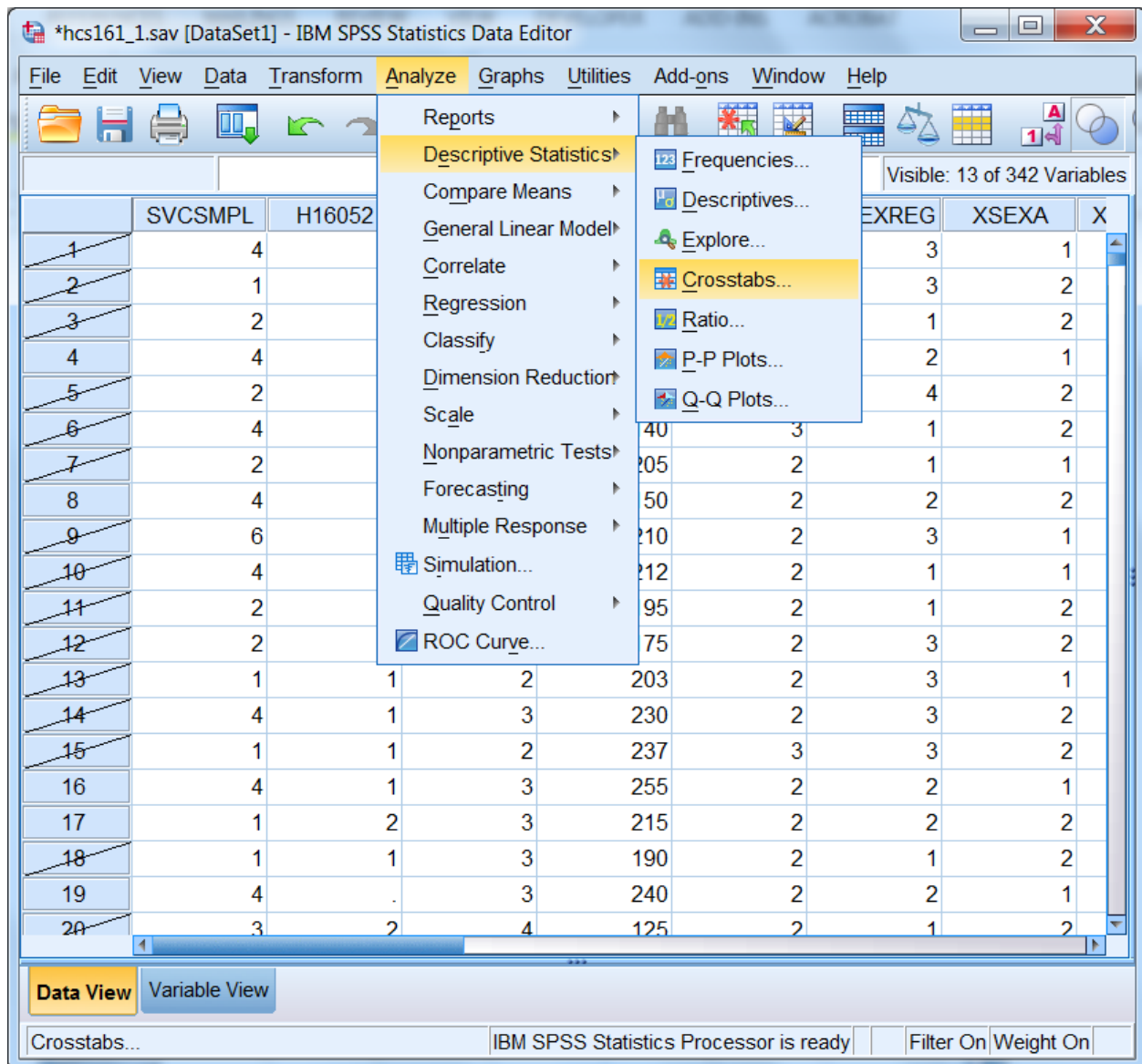
The **Crosstabs** procedure offers many options for analyzing data. The distribution of cases resulting from “crossing” one variable with another is often of interest. The number of cases, row percentages, column percentages, total percentages, and residuals are easily reproduced by **Crosstabs**. A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

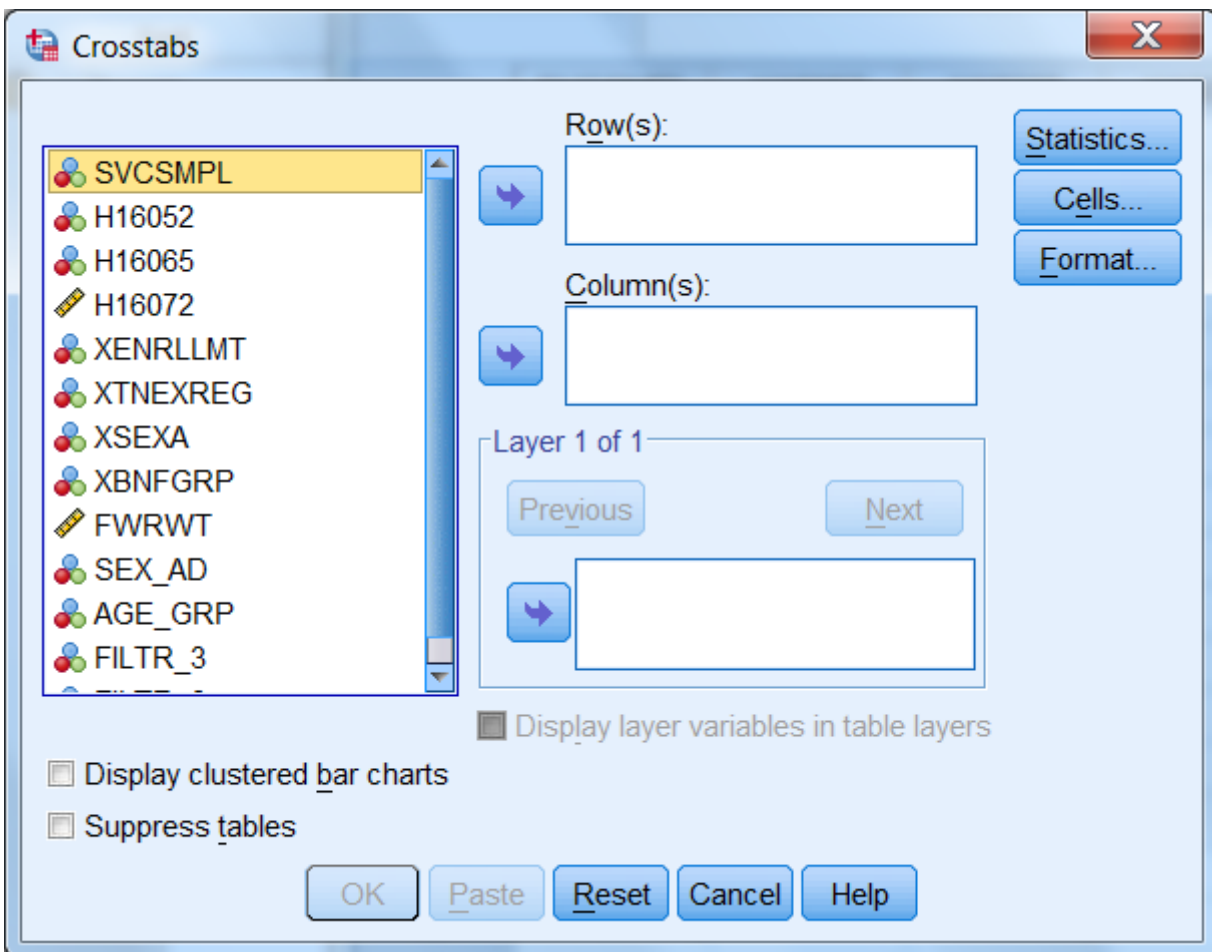
For example, suppose you want to see the percentage of people within each branch of service who answered “yes” or “no” to the question, “Did you ever smoke at least 100 cigarettes in your life?” The variables in this analysis are **svcsmpl** – the branch of service, and **H16052** – the questionnaire 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**.

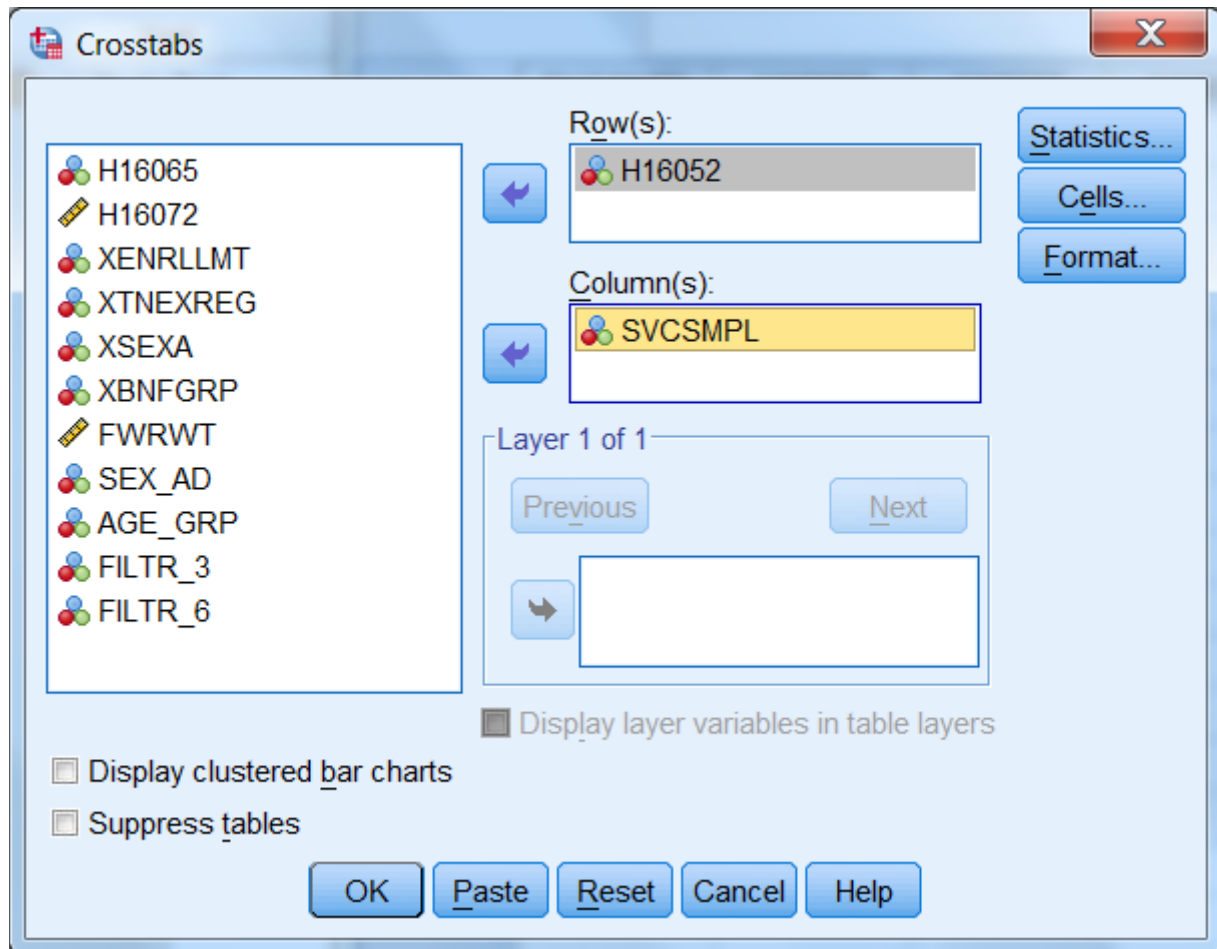
Next, open the **Analyze** menu in the **Data Window**, choosing **Descriptive Statistics** and **Crosstabs**, as shown below.



The **Crosstabs** dialog box will open as follows:



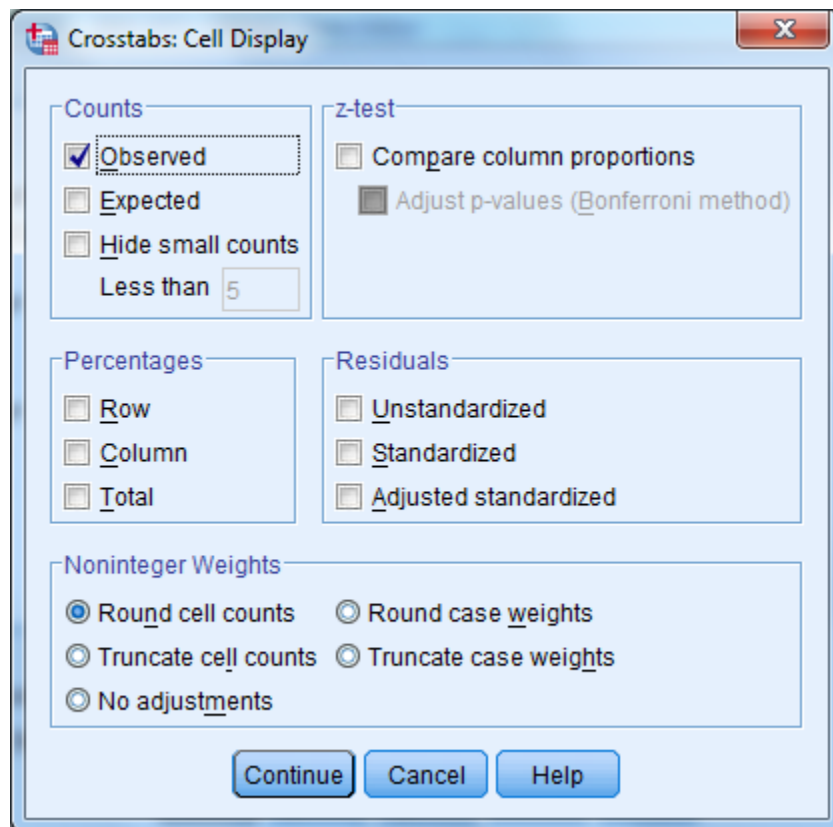
Move **H16052** from the variable list on the left into the box marked **Row(s)**:, and move the variable **svcsmpl** into the box marked **Column(s)**:. The screen will resemble the following:



For this analysis, there are no **Layer** variables, so you can proceed to format the table cells.

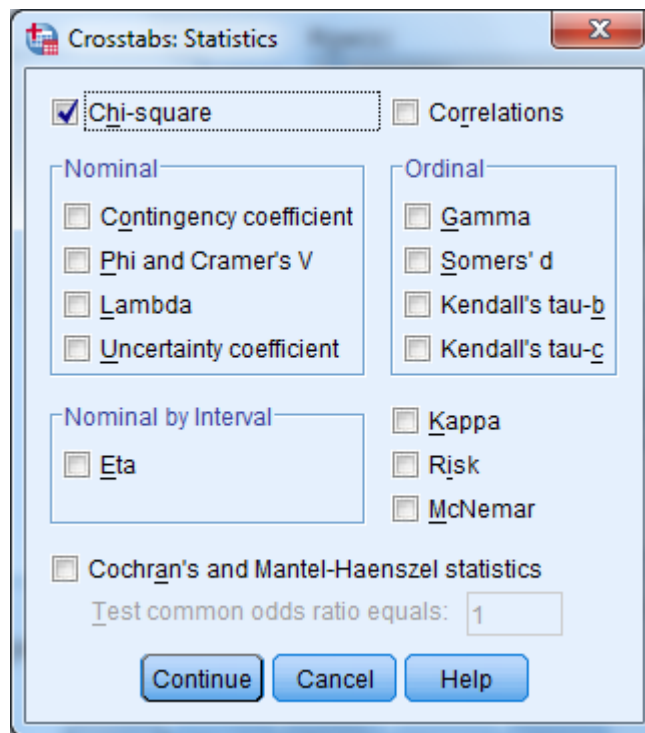
Click on **Cells...** and open the following dialog box.





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.

The screenshot shows the IBM SPSS Statistics Viewer window. The left pane displays the Output tree with the following structure:

- Output
  - Log
  - Means
    - Title
    - Notes
    - Case Processing
    - Report
  - Crosstabs
    - Title
    - Notes
    - Case Processing
    - Smoked at least 1

The main pane displays the **Mean of Respondent's Weight w/Health Assessment** table. The table is titled "Mean of Respondent's Weight w/Health Assessment: By" and shows the mean for "Weight in pounds" and "Health State" across different categories.

Mean	Active Duty <65			Family of Active <65			Ret/
	Male	Female	Total	Male	Female	Total	
Weight in pounds	184.07	149.99	177.66	185.09	154.75	156.97	203.15
Health State	3.82	3.69	3.79	3.80	3.82	3.82	3.53

Below the table, there is a red arrow pointing to the **South Region: Smoked 100+ Cigarettes in Life** section. This section contains a **Case Processing Summary** table.

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service	2335325	97.4%	61122.226	2.6%	2396447.226	100.0%

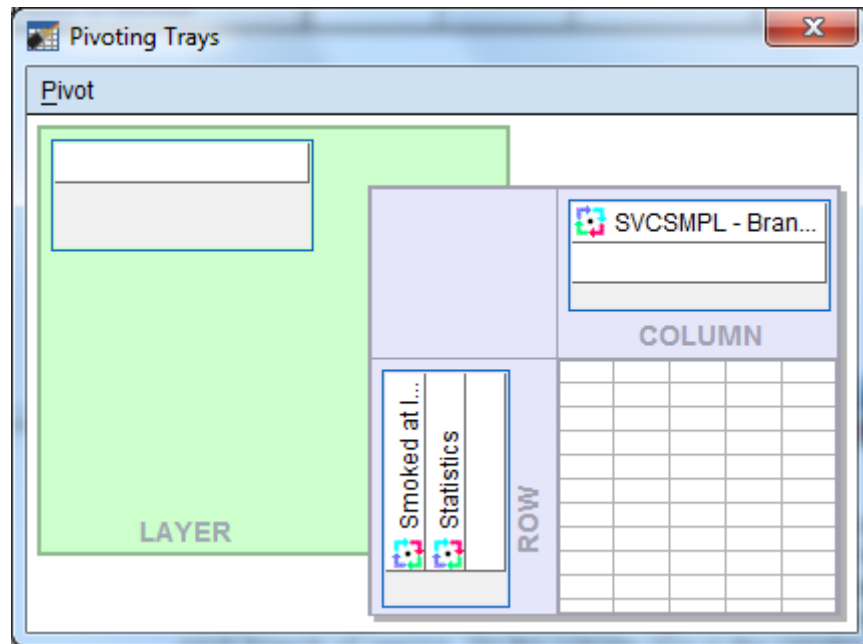
The status bar at the bottom indicates "Double click to edit Title", "IBM SPSS Statistics Processor is ready", and "H: 0.23, W: 4.63 in".

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.

Navigate to the procedure icon. Follow the procedure for opening an **SPSS Pivot Table Object**, open the table in the special editor and maximize the screen as in the following:



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, **H16052** – 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:

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

		SVCSMPL - Branch of Service					
		Army		Navy		Marine Corps	
		Count	% within SVCSMPL - Branch of Service	Count	% within SVCSMPL - Branch of Service	Count	% within SVCSMPL - Branch of Service
Smoked at least 100 cigarettes in life	Yes	418678	42.3%	148087	39.7%	55464	43.5%
	No	571176	57.7%	225068	60.3%	71894	56.5%
Total		989854	100.0%	373155	100.0%	127358	100.0%

Pivoting Trays

Pivot

SVCSMPL ...

Statistics

COLUMN

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	418678	42.3%	148087	39.7%	55464	43.5%	310537	39.5%	17807	34.5%
	No	571176	57.7%	225068	60.3%	71894	56.5%	475601	60.5%	33850	65.5%
Total		989854	100.0%	373155	100.0%	127358	100.0%	786138	100.0%	51657	100.0%

Last, notice that the label for **H16052** 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

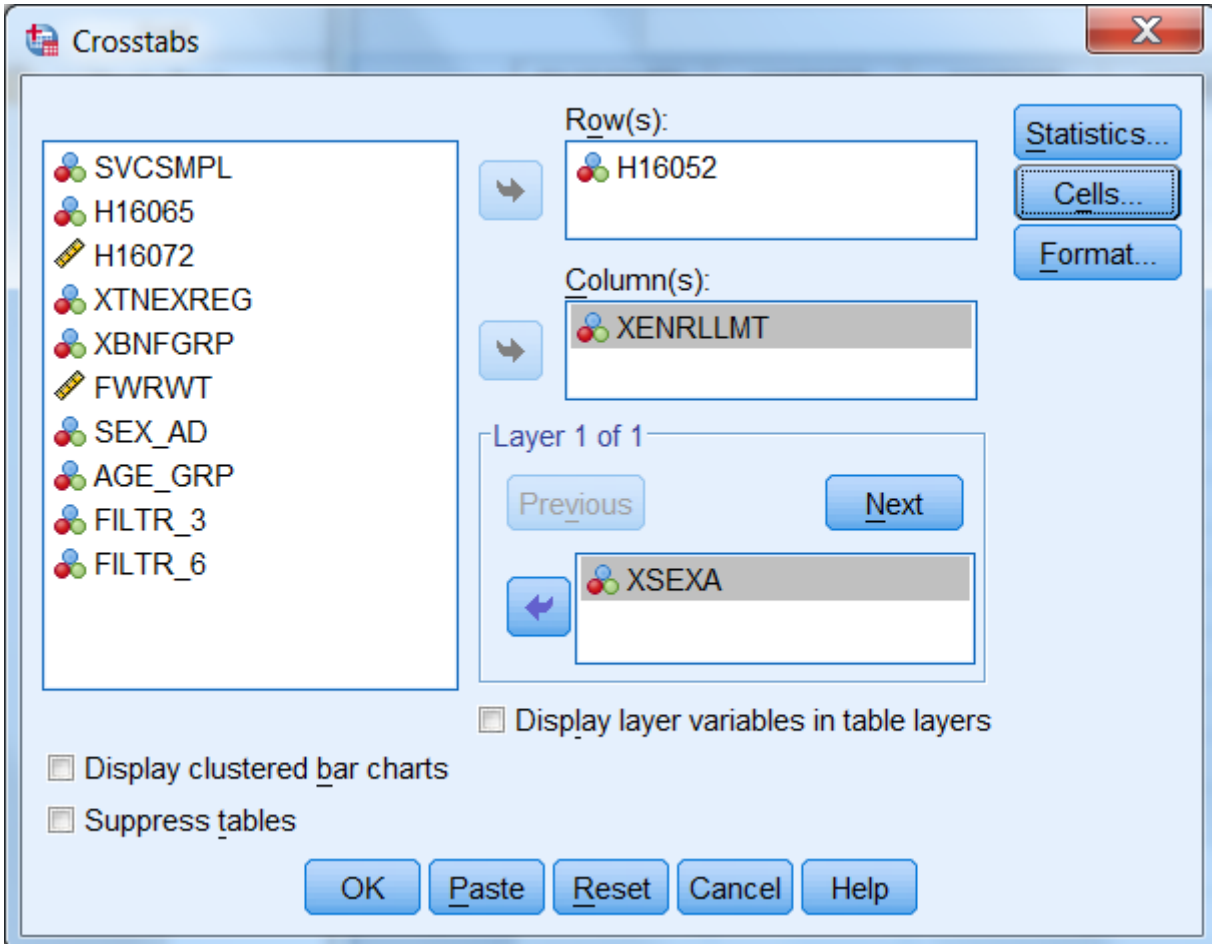
		Branch of Service											
		Army		Navy		Marine Corps		Air Force		Coast Guard		Other/Unknown	
		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes		418678	42.3%	148087	39.7%	55464	43.5%	310537	39.5%	17807	34.5%	545	1.1%
No		571176	57.7%	225068	60.3%	71894	56.5%	475601	60.5%	33850	65.5%	6618	92.9%
Total		989854	100.0%	373155	100.0%	127358	100.0%	786138	100.0%	51657	100.0%	7163	100.0%

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, **H16052**, suppose you want to look at the percentage of people by their enrollment status in TRICARE Prime, **xenrlimt**, 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:

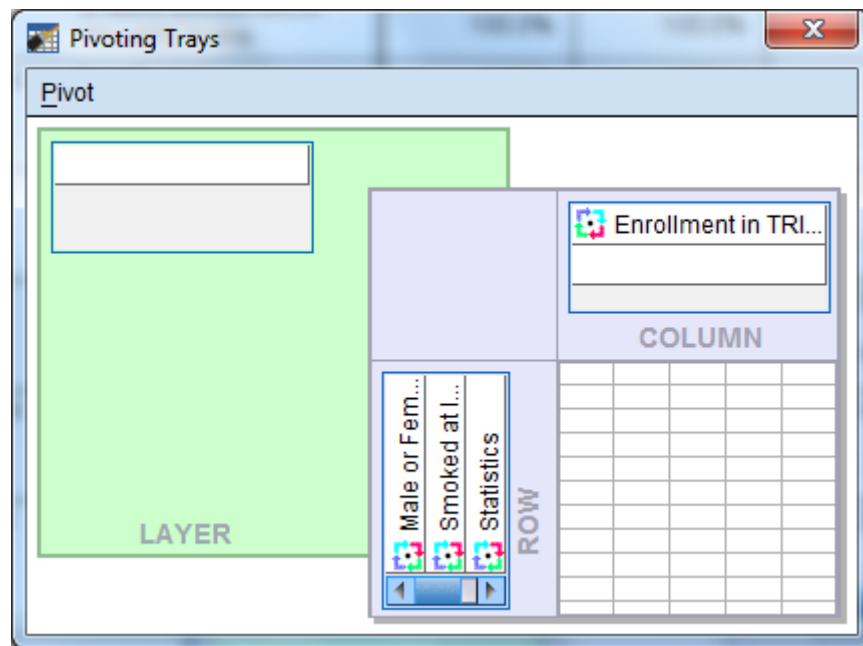
- Run Crosstabs.
- Edit the **Title** element in the **Output Navigator**.
- Examine **Notes** and the **Case Processing Summary** to verify that the crosstab ran as expected.
- Open the table as an **SPSS Pivot Table Object**, and the following will appear:



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									
Male or Female - R				Enrollment in TRICARE Prime					Total
				Active Duty - under 65	Enrolled - under 65	Not enrolled - under 65	Not enrolled - 65 or over	Enrolled - 65 or over	
Male	Smoked at least 100 cigarettes in life	Yes	Count	81527	98579	94261	256099	11298	541764
			% within Enrollment in TRICARE Prime	32.3%	37.3%	41.5%	67.3%	60.0%	47.4%
		No	Count	171198	165886	133134	124283	7532	602033
			% within Enrollment in TRICARE Prime	67.7%	62.7%	58.5%	32.7%	40.0%	52.6%
	Total		Count	252725	264465	227395	380382	18830	1143797
			% 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	17055	146539	86075	140841	13549	404059
			% within Enrollment in TRICARE Prime	25.3%	31.5%	32.5%	40.4%	50.0%	34.4%
		No	Count	50363	318994	179039	207874	13549	769819
			% within Enrollment in TRICARE Prime	74.7%	68.5%	67.5%	59.6%	50.0%	65.6%
	Total		Count	67418	465533	265114	348715	27098	1173878
			% 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	98582	245118	180336	396940	24847	945823
			% within Enrollment in TRICARE Prime	30.8%	33.6%	36.6%	54.4%	54.1%	40.8%
		No	Count	221561	484880	312173	332157	21081	1371852
			% within Enrollment in TRICARE Prime	69.2%	66.4%	63.4%	45.6%	45.9%	59.2%
	Total		Count	320143	729998	492509	729097	45928	2317675
			% 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:

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

				Active Duty - under 65			Enrolled - under 65			Enrollment in TRICARE Prime	
				Male or Female - R			Male or Female - R			Male or Female - R	
				Male	Female	Total	Male	Female	Total	Male	Female
Smoked at least 100 cigarettes in life	Yes	Count		81527	17055	98582	98579	146539	245118	94261	86073
		% within Enrollment in TRICARE Prime		32.3%	25.3%	30.8%	37.3%	31.5%	33.6%	41.5%	32.5%
	No	Count		171198	50363	221561	165886	318994	484880	133134	179031
		% within Enrollment in TRICARE Prime		67.7%	74.7%	69.2%	62.7%	68.5%	66.4%	58.5%	67.5%
Total		Count		252725	67418	320143	264465	465533	729998	227395	265114
		% within Enrollment in TRICARE Prime		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Pivoting Trays

Pivot

Enrollment i...  
Male or Fe...

COLUMN

Smoked at l...  
Statistics

ROW

LAYER

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

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

		Active Duty - under 65						Enrolled - un			
		Male or Female - R						Male or Fema			
		Male		Female		Total		Male		Female	
		Count	% within Enrollment in TRICARE Prime	Count	% within Enrollment in TRICARE Prime	Count	% within Enrollment in TRICARE Prime	Count	% within Enrollment in TRICARE Prime	Count	% Enrd TR
Smoked at least 100 cigarettes in life	Yes	81527	32.3%	17055	25.3%	98582	30.8%	98579	37.3%	146539	
	No	171198	67.7%	50363	74.7%	221561	69.2%	165886	62.7%	318994	
Total		252725	100.0%	67418	100.0%	320143	100.0%	264465	100.0%	465533	

Pivoting Trays

Pivot

Male or Fe...  
Statistics

COLUMN

Smoke...  
ROW

LAYER

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 **H16052** 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												Enr	
	Male						Female						Total	
	Count			Percent			Count			Percent			Count	
	Male			Female			Male			Female			Male	
Yes	81527	32.3%	17055	25.3%	98582	30.8%	98579	37.3%	146539	31.5%	245118	33.6%	94261	41.5%
No	171198	67.7%	50363	74.7%	221561	69.2%	165886	62.7%	318994	68.5%	484880	66.4%	133134	58.5%
Total	252725	100.0%	67418	100.0%	320143	100.0%	264465	100.0%	465533	100.0%	729998	100.0%	227395	100.0%

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

\*Output1 [Document1] - IBM SPSS Statistics Viewer

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

**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	81527	32.3%	17055	25.3%	98582	30.8%	98579	37.3%
No	171198	67.7%	50363	74.7%	221561	69.2%	165886	62.7%
Total	252725	100.0%	67418	100.0%	320143	100.0%	264465	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	146539	31.5%	245118	33.6%	94261	41.5%	86075	32.5%
No	318994	68.5%	484880	66.4%	133134	58.5%	179039	67.5%
Total	465533	100.0%	729998	100.0%	227395	100.0%	265114	100.0%

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

Page 1 SPSS Statistics Processor is ready

## 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, 2016 Adult HCSDB. For a full discussion of variance estimation methods, see Wolter (1985) and references cited therein.

## Variance Estimation Methods

The 2016 HCSDB uses a stratified sample design. To account for complex estimators for the sample design<sup>1</sup>, 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, 2016 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, 2016 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 2016 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.

---

<sup>1</sup> The 2016 HCSDB uses a stratified sampling design. For details, see “Health Care Survey of DoD Beneficiaries: 2016 Adult Sampling Report.” Washington, DC: Mathematica Policy Research, October 2015.

**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, 2016 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 (H16031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H16052=1) for each TNEX region (XTNEXREG)

```
PROC DESCRIPT DATA=HCSDb /*FILETYPE=SAS*/ DESIGN=STRWR;  
  WEIGHT      FWRWT;  
  NEST        STRATUM;  
  SUBPOPN     H16052=1;  
  SUBGROUP    XTNEXREG;  
  LEVELS      4;  
  VAR         H16031;  
  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 (H16049) by TRICARE enrollment (XENRLLMT).

```
PROC CROSSTAB DATA=HCSDb /*FILETYPE=SAS*/ DESIGN=STRWR;  
  WEIGHT      FWRWT;  
  NEST        STRATUM;  
  SUBPOPN     XTNEXREG = 3;  
  SUBGROUP    H16049 XENRLLMT;  
  LEVELS      3 5;  
  TABLES     H16049 *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 (H16031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H16052=1) for each TNEX region (XTNEXREG)

```
PROC SURVEYMEANS DATA=HCSDB;  
  WEIGHT      FWRWT;  
  STRATA      STRATUM;  
  DOMAIN      H16052 * XTNEXREG;  
  VAR         H16031;  
RUN;
```

The above codes will provide output for H16052=1 and 2. User only needs to use output from H16052=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 (H16049) by TRICARE enrollment (XENRLLMT).



```
PROC SURVEYFREQ DATA=HCSDB;  
WEIGHT          FWRWT;  
STRATA          STRATUM;  
TABLES          XTNEXREG * H16049 * 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, 2016 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, 2016 Adult HCSDB.

Suppose you want to estimate the mean rating of the specialist seen most often (H16031) among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H16052=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         H16052=1;  
SUBGROUP        XTNEXREG;  
LEVELS          4;  
VAR             H16031 ;  
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 H16052, H16031, 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: H16052=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 H16031 as the **Analysis** variable, MEAN (H16031) 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.

**H16005****In last year: facility used most for health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	30	0.34	29,392	0.40	Did not answer
1	4,987	56.33	2,611,554	35.26	A military facility
2	3,123	35.28	4,051,021	54.70	A civilian facility
3	54	0.61	95,015	1.28	Uniformed Services Fam Hlth Plan facility
4	362	4.09	373,088	5.04	Veterans Affairs (VA) clinic or hospital
5	297	3.35	245,477	3.31	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 years to 85” includes 253 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	59	0.67	99,368	1.34	18 and younger
19 -- 34	2,175	24.57	2,038,396	27.53	19--34
35 -- 44	1,476	16.67	946,459	12.78	35--44
45 -- 54	1,729	19.53	697,307	9.42	45--54
55 -- 64	2,767	31.25	1,424,802	19.24	55--64
65 -- 74	352	3.98	1,207,339	16.30	65--74
75 -- 85	253	2.86	847,357	11.44	75--85
86	42	0.47	144,519	1.95	86 and older

**MPRID -  
Unique MPR identifier**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00088412 -- 16370987	8,853	100.00	7,405,547	100.00	00000001--99999999

**SVCSMPL -  
Branch of service sampling variable**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,620	29.59	2,731,860	36.89	Army
2	1,892	21.37	1,601,648	21.63	Navy
3	527	5.95	557,837	7.53	Marine Corps
4	3,513	39.68	2,230,895	30.12	Air Force
5	230	2.60	233,367	3.15	Coast Guard
6	71	0.80	49,939	0.67	Other/Unknown

**SEXSMPL -  
Sex sampling variable**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,581	51.75	3,718,535	50.21	Male
2	4,272	48.25	3,687,012	49.79	Female

**STRATUM -  
Sampling stratum**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0999911	37	0.42	224,807	3.04	0999911
1000103	19	0.21	1,941	0.03	1000103
1000106	37	0.42	8,323	0.11	1000106
1000301	11	0.12	4,449	0.06	1000301
1000303	13	0.15	4,133	0.06	1000303
1000306	21	0.24	4,155	0.06	1000306
1000401	14	0.16	5,205	0.07	1000401
1000403	12	0.14	1,744	0.02	1000403
1000406	24	0.27	4,083	0.06	1000406
1000501	13	0.15	10,940	0.15	1000501
1000503	12	0.14	4,854	0.07	1000503
1000506	7	0.08	2,391	0.03	1000506
1000601	21	0.24	11,056	0.15	1000601
1000603	10	0.11	3,669	0.05	1000603
1000606	20	0.23	6,275	0.08	1000606
1000801	15	0.17	2,738	0.04	1000801
1000803	83	0.94	5,369	0.07	1000803
1000901	12	0.14	6,098	0.08	1000901
1000903	8	0.09	1,956	0.03	1000903
1000906	33	0.37	9,725	0.13	1000906

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1001001	28	0.32	10,213	0.14	1001001
1001003	8	0.09	1,335	0.02	1001003
1001006	14	0.16	2,289	0.03	1001006
1001301	21	0.24	5,874	0.08	1001301
1001303	11	0.12	2,080	0.03	1001303
1001306	14	0.16	2,184	0.03	1001306
1001401	15	0.17	9,655	0.13	1001401
1001403	12	0.14	3,267	0.04	1001403
1001406	17	0.19	7,748	0.10	1001406
1001801	29	0.33	3,573	0.05	1001801
1001803	36	0.41	1,453	0.02	1001803
1001901	30	0.34	3,789	0.05	1001901
1001903	48	0.54	1,337	0.02	1001903
1002401	7	0.08	26,826	0.36	1002401
1002403	9	0.10	18,859	0.25	1002403
1002406	6	0.07	6,441	0.09	1002406
1002601	13	0.15	3,783	0.05	1002601
1002603	38	0.43	2,254	0.03	1002603
1002801	21	0.24	9,189	0.12	1002801
1002803	7	0.08	1,644	0.02	1002803
1002806	11	0.12	3,115	0.04	1002806
1002901	14	0.16	47,327	0.64	1002901
1002903	8	0.09	9,018	0.12	1002903
1002906	12	0.14	17,041	0.23	1002906
1003001	15	0.17	11,523	0.16	1003001
1003003	6	0.07	1,405	0.02	1003003
1003006	14	0.16	2,679	0.04	1003006
1003201	6	0.07	21,072	0.28	1003201
1003203	15	0.17	14,227	0.19	1003203
1003206	16	0.18	13,880	0.19	1003206
1003301	14	0.16	12,545	0.17	1003301
1003303	14	0.16	1,947	0.03	1003303
1003306	23	0.26	4,207	0.06	1003306
1003801	15	0.17	16,925	0.23	1003801
1003803	16	0.18	7,158	0.10	1003803
1003806	19	0.21	21,516	0.29	1003806
1003901	10	0.11	21,129	0.29	1003901
1003903	5	0.06	4,276	0.06	1003903
1003906	19	0.21	22,204	0.30	1003906
1004201	11	0.12	10,147	0.14	1004201
1004203	12	0.14	6,477	0.09	1004203
1004206	22	0.25	6,933	0.09	1004206
1004301	22	0.25	5,795	0.08	1004301
1004303	77	0.87	3,983	0.05	1004303
1004501	11	0.12	7,431	0.10	1004501
1004503	8	0.09	2,139	0.03	1004503
1004506	27	0.30	18,478	0.25	1004506

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1004601	10	0.11	2,073	0.03	1004601
1004603	113	1.28	8,933	0.12	1004603
1004701	15	0.17	13,291	0.18	1004701
1004703	12	0.14	5,053	0.07	1004703
1004706	20	0.23	13,780	0.19	1004706
1004801	4	0.05	12,328	0.17	1004801
1004803	10	0.11	14,049	0.19	1004803
1004806	10	0.11	16,425	0.22	1004806
1004901	7	0.08	19,322	0.26	1004901
1004903	6	0.07	10,452	0.14	1004903
1004906	7	0.08	10,600	0.14	1004906
1005101	20	0.23	5,269	0.07	1005101
1005103	12	0.14	2,692	0.04	1005103
1005106	13	0.15	2,896	0.04	1005106
1005201	14	0.16	30,368	0.41	1005201
1005203	11	0.12	11,873	0.16	1005203
1005206	8	0.09	13,746	0.19	1005206
1005301	22	0.25	4,748	0.06	1005301
1005303	42	0.47	1,726	0.02	1005303
1005501	21	0.24	8,345	0.11	1005501
1005503	10	0.11	2,441	0.03	1005503
1005506	20	0.23	4,113	0.06	1005506
1005601	9	0.10	10,319	0.14	1005601
1005603	17	0.19	3,397	0.05	1005603
1005606	14	0.16	6,232	0.08	1005606
1005701	7	0.08	11,229	0.15	1005701
1005703	13	0.15	11,826	0.16	1005703
1005706	17	0.19	4,773	0.06	1005706
1005801	16	0.18	4,797	0.06	1005801
1005803	14	0.16	3,195	0.04	1005803
1005806	19	0.21	3,781	0.05	1005806
1006001	7	0.08	20,236	0.27	1006001
1006003	12	0.14	22,096	0.30	1006003
1006006	15	0.17	8,720	0.12	1006006
1006101	15	0.17	5,513	0.07	1006101
1006103	11	0.12	4,172	0.06	1006103
1006106	24	0.27	10,079	0.14	1006106
1006201	19	0.21	7,378	0.10	1006201
1006203	7	0.08	2,475	0.03	1006203
1006206	10	0.11	1,845	0.02	1006206
1006401	6	0.07	2,381	0.03	1006401
1006403	13	0.15	8,056	0.11	1006403
1006406	11	0.12	4,422	0.06	1006406
1006601	20	0.23	8,434	0.11	1006601
1006603	12	0.14	4,054	0.05	1006603
1006606	18	0.20	6,588	0.09	1006606
1006701	27	0.30	19,732	0.27	1006701



Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1006703	13	0.15	5,262	0.07	1006703
1006706	16	0.18	8,351	0.11	1006706
1006801	20	0.23	5,339	0.07	1006801
1006803	12	0.14	2,168	0.03	1006803
1006806	12	0.14	3,366	0.05	1006806
1006901	16	0.18	18,561	0.25	1006901
1006903	13	0.15	16,265	0.22	1006903
1006906	13	0.15	10,087	0.14	1006906
1007301	18	0.20	10,112	0.14	1007301
1007303	10	0.11	1,298	0.02	1007303
1007306	20	0.23	4,844	0.07	1007306
1007403	72	0.81	3,255	0.04	1007403
1007501	12	0.14	7,052	0.10	1007501
1007503	13	0.15	7,820	0.11	1007503
1007506	8	0.09	2,840	0.04	1007506
1007601	17	0.19	4,749	0.06	1007601
1007603	54	0.61	3,468	0.05	1007603
1007701	19	0.21	3,312	0.04	1007701
1007703	62	0.70	3,692	0.05	1007703
1007801	13	0.15	6,066	0.08	1007801
1007803	13	0.15	4,528	0.06	1007803
1007806	27	0.30	7,513	0.10	1007806
1007901	21	0.24	17,382	0.23	1007901
1007903	12	0.14	4,460	0.06	1007903
1007906	14	0.16	9,420	0.13	1007906
1008301	21	0.24	7,283	0.10	1008301
1008303	55	0.62	3,085	0.04	1008303
1008601	12	0.14	7,090	0.10	1008601
1008603	24	0.27	4,037	0.05	1008603
1008901	6	0.07	21,747	0.29	1008901
1008903	8	0.09	37,685	0.51	1008903
1008906	9	0.10	25,579	0.35	1008906
1009101	12	0.14	40,525	0.55	1009101
1009103	10	0.11	11,095	0.15	1009103
1009106	7	0.08	4,281	0.06	1009106
1009201	10	0.11	7,074	0.10	1009201
1009203	7	0.08	2,773	0.04	1009203
1009206	16	0.18	5,928	0.08	1009206
1009401	31	0.35	7,487	0.10	1009401
1009403	27	0.30	1,615	0.02	1009403
1009501	12	0.14	7,052	0.10	1009501
1009503	8	0.09	2,659	0.04	1009503
1009506	37	0.42	13,110	0.18	1009506
1009601	23	0.26	7,810	0.11	1009601
1009603	5	0.06	1,442	0.02	1009603
1009606	22	0.25	5,537	0.07	1009606
1009801	6	0.07	5,162	0.07	1009801

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1009803	10	0.11	4,607	0.06	1009803
1009806	16	0.18	12,842	0.17	1009806
1010001	17	0.19	8,732	0.12	1010001
1010003	12	0.14	3,956	0.05	1010003
1010006	14	0.16	5,529	0.07	1010006
1010101	14	0.16	3,939	0.05	1010101
1010103	11	0.12	3,736	0.05	1010103
1010106	14	0.16	2,434	0.03	1010106
1010301	4	0.05	4,773	0.06	1010301
1010303	5	0.06	4,392	0.06	1010303
1010306	8	0.09	4,581	0.06	1010306
1010401	8	0.09	9,514	0.13	1010401
1010403	5	0.06	1,937	0.03	1010403
1010406	7	0.08	3,487	0.05	1010406
1010501	2	0.02	1,598	0.02	1010501
1010503	12	0.14	7,842	0.11	1010503
1010506	15	0.17	13,105	0.18	1010506
1010801	7	0.08	14,609	0.20	1010801
1010803	8	0.09	13,950	0.19	1010803
1010806	10	0.11	21,212	0.29	1010806
1010901	10	0.11	14,046	0.19	1010901
1010903	12	0.14	6,423	0.09	1010903
1010906	23	0.26	28,936	0.39	1010906
1011001	5	0.06	22,177	0.30	1011001
1011003	11	0.12	33,653	0.45	1011003
1011006	7	0.08	15,886	0.21	1011006
1011201	31	0.35	6,267	0.08	1011201
1011203	31	0.35	1,458	0.02	1011203
1011301	26	0.29	7,015	0.09	1011301
1011303	45	0.51	1,764	0.02	1011303
1011701	11	0.12	12,068	0.16	1011701
1011703	5	0.06	1,981	0.03	1011703
1011706	29	0.33	19,866	0.27	1011706
1011801	14	0.16	4,532	0.06	1011801
1011803	61	0.69	5,979	0.08	1011803
1011901	15	0.17	4,542	0.06	1011901
1011903	10	0.11	1,952	0.03	1011903
1011906	28	0.32	4,721	0.06	1011906
1012001	18	0.20	14,197	0.19	1012001
1012003	13	0.15	6,288	0.08	1012003
1012006	17	0.19	4,061	0.05	1012006
1012101	13	0.15	4,603	0.06	1012101
1012103	9	0.10	4,495	0.06	1012103
1012106	27	0.30	7,320	0.10	1012106
1012201	12	0.14	2,553	0.03	1012201
1012203	14	0.16	4,432	0.06	1012203
1012206	24	0.27	7,752	0.10	1012206

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1012301	6	0.07	6,364	0.09	1012301
1012303	13	0.15	11,650	0.16	1012303
1012306	32	0.36	39,408	0.53	1012306
1012401	13	0.15	52,708	0.71	1012401
1012403	15	0.17	20,672	0.28	1012403
1012406	8	0.09	11,618	0.16	1012406
1012501	6	0.07	19,089	0.26	1012501
1012503	8	0.09	26,128	0.35	1012503
1012506	11	0.12	27,692	0.37	1012506
1012601	15	0.17	12,215	0.16	1012601
1012603	9	0.10	9,205	0.12	1012603
1012606	18	0.20	10,371	0.14	1012606
1012701	18	0.20	8,647	0.12	1012701
1012703	6	0.07	1,943	0.03	1012703
1012706	17	0.19	4,041	0.05	1012706
1012801	14	0.16	3,258	0.04	1012801
1012803	73	0.82	4,481	0.06	1012803
1012901	19	0.21	4,362	0.06	1012901
1012903	42	0.47	2,239	0.03	1012903
1013101	11	0.12	4,320	0.06	1013101
1013103	23	0.26	2,853	0.04	1013103
1023101	24	0.27	9,506	0.13	1023101
1023103	31	0.35	3,755	0.05	1023103
1024801	20	0.23	3,434	0.05	1024801
1024803	32	0.36	2,570	0.03	1024803
1025201	20	0.23	6,709	0.09	1025201
1025203	13	0.15	3,944	0.05	1025203
1025206	30	0.34	6,015	0.08	1025206
1028001	24	0.27	13,495	0.18	1028001
1028003	39	0.44	6,167	0.08	1028003
1030601	27	0.30	10,150	0.14	1030601
1030603	29	0.33	1,844	0.02	1030603
1031001	22	0.25	2,362	0.03	1031001
1031003	54	0.61	1,994	0.03	1031003
1033001	9	0.10	16,807	0.23	1033001
1033003	10	0.11	5,337	0.07	1033003
1036401	23	0.26	5,004	0.07	1036401
1036403	46	0.52	1,464	0.02	1036403
1036601	11	0.12	3,183	0.04	1036601
1036603	8	0.09	1,491	0.02	1036603
1036606	46	0.52	11,885	0.16	1036606
1037801	15	0.17	5,537	0.07	1037801
1037803	20	0.23	5,181	0.07	1037803
1037806	16	0.18	2,314	0.03	1037806
1038501	31	0.35	13,292	0.18	1038501
1038503	10	0.11	1,740	0.02	1038503
1038506	11	0.12	1,961	0.03	1038506

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1038701	11	0.12	3,165	0.04	1038701
1038703	7	0.08	791	0.01	1038703
1038706	23	0.26	5,266	0.07	1038706
1040501	7	0.08	2,127	0.03	1040501
1040503	7	0.08	2,152	0.03	1040503
1040506	22	0.25	7,230	0.10	1040506
1040701	12	0.14	3,829	0.05	1040701
1040703	8	0.09	2,057	0.03	1040703
1040706	19	0.21	3,920	0.05	1040706
1050801	43	0.49	12,280	0.17	1050801
1050803	20	0.23	3,323	0.04	1050803
1060701	13	0.15	14,240	0.19	1060701
1060703	14	0.16	9,963	0.13	1060703
1060706	8	0.09	3,685	0.05	1060706
1060901	14	0.16	13,488	0.18	1060901
1060903	10	0.11	10,152	0.14	1060903
1060906	4	0.05	1,802	0.02	1060906
1061201	19	0.21	16,197	0.22	1061201
1061203	18	0.20	8,063	0.11	1061203
1062001	13	0.15	3,657	0.05	1062001
1062003	36	0.41	4,695	0.06	1062003
1062101	21	0.24	20,115	0.27	1062101
1062103	9	0.10	3,056	0.04	1062103
1062201	25	0.28	18,924	0.26	1062201
1062203	10	0.11	3,773	0.05	1062203
1063301	31	0.35	8,493	0.11	1063301
1063303	18	0.20	3,757	0.05	1063303
1080401	28	0.32	7,850	0.11	1080401
1080403	11	0.12	3,155	0.04	1080403
1080503	116	1.31	4,786	0.06	1080503
1080601	44	0.50	11,290	0.15	1080601
1080603	10	0.11	1,991	0.03	1080603
1621503	92	1.04	5,966	0.08	1621503
1713901	27	0.30	10,650	0.14	1713901
1713903	17	0.19	1,445	0.02	1713903
1900101	97	1.10	97,310	1.31	1900101
1900103	13	0.15	7,669	0.10	1900103
1900106	21	0.24	10,823	0.15	1900106
1900201	92	1.04	62,800	0.85	1900201
1900203	11	0.12	6,265	0.08	1900203
1900206	15	0.17	4,273	0.06	1900206
1900301	121	1.37	95,602	1.29	1900301
1900303	27	0.30	13,731	0.19	1900303
1900306	31	0.35	11,397	0.15	1900306
1900401	106	1.20	57,722	0.78	1900401
1900403	16	0.18	7,472	0.10	1900403
1900406	10	0.11	2,954	0.04	1900406

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
2900102	66	0.75	82,034	1.11	2900102
2900105	173	1.95	187,878	2.54	2900105
2900202	20	0.23	36,310	0.49	2900202
2900205	171	1.93	282,190	3.81	2900205
2900302	67	0.76	66,650	0.90	2900302
2900305	144	1.63	139,820	1.89	2900305
3900104	150	1.69	62,391	0.84	3900104
3900107	310	3.50	480,760	6.49	3900107
3900204	127	1.43	48,537	0.66	3900204
3900207	266	3.00	377,078	5.09	3900207
3900304	129	1.46	47,861	0.65	3900304
3900307	283	3.20	330,992	4.47	3900307
3900404	341	3.85	49,175	0.66	3900404
6900199	222	2.51	688,192	9.29	6900199
6900299	208	2.35	836,859	11.30	6900299
6900399	215	2.43	673,518	9.09	6900399

**ENBGSMP -****Enrollment by beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
01	2,291	25.88	1,439,627	19.44	Active Duty
02	153	1.73	184,994	2.50	Active Duty fam,Prime,civ PCM
03	1,112	12.56	597,538	8.07	Active Duty fam,Prime,mil PCM
04	417	4.71	161,302	2.18	Active Duty fam,non-enrollee
05	488	5.51	609,889	8.24	Retired,<65,civ PCM
06	2,521	28.48	753,328	10.17	Retired,<65,mil PCM
07	1,189	13.43	1,235,493	16.68	Retired,<65,non-enrollee
08	16	0.18	54,140	0.73	Retired,65+,civ PCM
09	55	0.62	207,260	2.80	Retired,65+,mil PCM
10	574	6.48	1,937,169	26.16	Retired,65+,non-enrollee
11	37	0.42	224,807	3.04	TRICARE Reserve Select

**MPCSMPL -****Military personnel category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,985	67.60	5,312,511	71.74	Enlisted/Unknown
2	2,591	29.27	1,859,048	25.10	Officer
3	277	3.13	233,988	3.16	Warrant officer

**NHFF -  
Stratum sample size**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
71 -- 4185	8,853	100.00	7,405,547	100.00	0--9999

**QUARTER -  
Survey quarter**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
Q1FY2016	8,853	100.00	7,405,547	100.00	Q1FY2016

**D\_HEALTH -  
Health service region**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00	166	1.88	60,318	0.81	No region
13	410	4.63	126,014	1.70	Europe
14	287	3.24	143,165	1.93	Pacific
15	111	1.25	40,281	0.54	Latin America & Canada
17	2,195	24.79	2,321,047	31.34	TNEX Region North
18	2,587	29.22	2,455,854	33.16	TNEX Region South
19	3,097	34.98	2,258,868	30.50	TNEX Region West

**TNEXREG -  
TRICARE next generation of contracts region grouping**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	2,258	25.51	2,396,705	32.36	North
O	950	10.73	342,299	4.62	Other
S	2,540	28.69	2,400,033	32.41	South
W	3,105	35.07	2,266,510	30.61	West

**SERVAFF -  
Service affiliation**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	12	0.14	13,117	0.18	Missing/unknown
A	1,452	16.40	1,454,507	19.64	Army
C	61	0.69	50,416	0.68	Coast Guard
F	3,258	36.80	1,147,886	15.50	Air Force
J	3	0.03	511	0.01	Administrative
M	1,052	11.88	1,421,255	19.19	Support Contractor
N	1,660	18.75	1,136,630	15.35	Navy
P	181	2.04	220,769	2.98	National Capital Region Medical Directorate

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
S	1,062	12.00	1,784,311	24.09	Noncatchment
T	112	1.27	176,146	2.38	Uniformed Services Family Health Plan

**BWT -**  
**Basic sampling weight**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
3.880 -- 8.346	980	11.07	55,061	0.74	Minimum to 10th Percentile
8.790 -- 12.282	1,147	12.96	183,353	2.48	>10th to 25th Percentile
12.676 -- 43.535	2,329	26.31	842,631	11.38	>25th to 50th Percentile
43.809 -- 154.799	2,183	24.66	1,669,116	22.54	>50th to 75th Percentile
155.558 -- 233.907	1,342	15.16	1,875,364	25.32	>75th to 90th Percentile
240.322 -- 1233.414	872	9.85	2,780,021	37.54	>90th to 100th Percentile

**RACEETHN -**  
**Race/Ethnic code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	3,287	37.13	3,390,535	45.78	Missing
A	60	0.68	42,162	0.57	American Indian or Alaskan Native
B	361	4.08	210,925	2.85	Asian or Pacific Islander
C	647	7.31	448,302	6.05	Black(not Hispanic)
D	3,531	39.88	2,355,406	31.81	White(not Hispanic)
E	348	3.93	245,687	3.32	Hispanic
X	133	1.50	88,850	1.20	Other
Z	486	5.49	623,681	8.42	Unknown

**PNSEXCD -**  
**Person gender**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
F	4,272	48.25	3,687,012	49.79	Female
M	4,581	51.75	3,718,535	50.21	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	59	0.67	99,368	1.34	18 and younger
19 -- 34	2,175	24.57	2,038,396	27.53	19--34
35 -- 44	1,476	16.67	946,459	12.78	35--44
45 -- 54	1,729	19.53	697,307	9.42	45--54
55 -- 64	2,767	31.25	1,424,802	19.24	55--64
65 -- 74	352	3.98	1,207,339	16.30	65--74
75 -- 85	253	2.86	847,357	11.44	75--85
86	42	0.47	144,519	1.95	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	46	0.52	77,553	1.05	18 and younger
19 -- 34	2,167	24.48	2,039,193	27.54	19--34
35 -- 44	1,476	16.67	946,403	12.78	35--44
45 -- 54	1,705	19.26	699,552	9.45	45--54
55 -- 64	2,760	31.18	1,403,670	18.95	55--64
65 -- 74	401	4.53	1,237,762	16.71	65--74
75 -- 85	255	2.88	853,933	11.53	75--85
86	43	0.49	147,480	1.99	86 and older

**PCM -****Primary manager code (civilian or military)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	2,227	25.16	3,562,706	48.11	Missing/Unknown/NA
CIV	800	9.04	949,065	12.82	TRICARE enrollee w/civ PCM
MTF	5,826	65.81	2,893,777	39.08	TRICARE enrollee w/mil PCM

**ACV -****Alternate care value**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
A	1,738	19.63	1,024,873	13.84	Active Duty Prime
B	16	0.18	5,984	0.08	TRICARE Global Remote Overseas Prime Active Duty
E	3,995	45.13	1,987,970	26.84	Non-Active Duty Prime
F	1	0.01	1,688	0.02	TRICARE Global Remote Overseas Prime ADFM
G	146	1.65	220,894	2.98	TRICARE Plus (CHAMPUS/TFL Eligible)
H	393	4.44	170,140	2.30	TRICARE Overseas Prime AD



Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
J	99	1.12	48,785	0.66	TRICARE Overseas Prime ADFM
L	5	0.06	855	0.01	TRICARE Plus (w/o civilian healthcare)
M	78	0.88	104,143	1.41	AD not reported as enrolled
Q	53	0.60	129,746	1.75	Active Duty enrolled to Op Forces
R	37	0.42	224,807	3.04	TRICARE Reserve Select
U	95	1.07	145,701	1.97	USFHP/USTF
V	7	0.08	2,062	0.03	TRICARE Retired Reserve
Z	2,190	24.74	3,337,899	45.07	Not enrolled in TRICARE Prime or USFHP

**DBENCAT -**  
**Beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACT	2,013	22.74	1,278,057	17.26	Active Duty
DA	1,454	16.42	823,130	11.12	Dependent of Active Duty
DGR	194	2.19	105,796	1.43	Dependent of Guard/Reserve
DR	1,854	20.94	1,943,981	26.25	Dependent of Retiree
DS	242	2.73	490,854	6.63	Survivor
GRD	264	2.98	156,301	2.11	Guard/Reserve
IDG	44	0.50	105,122	1.42	Dependent of Inactive Guard
IGR	41	0.46	139,862	1.89	Inactive Guard/Reserve
OTH	9	0.10	20,473	0.28	Other
RET	2,738	30.93	2,341,972	31.62	Retiree

**DSPONSVC -**  
**Derived sponsor branch of service**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
A	2,620	29.59	2,731,860	36.89	Army
C	230	2.60	233,367	3.15	Coast Guard
F	3,513	39.68	2,230,895	30.12	Air Force
M	527	5.95	557,837	7.53	Marine Corps
N	1,661	18.76	1,431,743	19.33	Navy
V	231	2.61	169,905	2.29	Navy Afloat
X	71	0.80	49,939	0.67	Other

**PATCAT -**  
**Aggregated beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACTDTY	2,318	26.18	1,574,219	21.26	Active Duty and Guard/Reserve
DEPACT	1,692	19.11	1,034,048	13.96	Dependent of Active Duty & Guard/Reserve
NADD65+	645	7.29	2,198,570	29.69	Retiree/Depend of Retir/Surviv/Other 65+
NADD<65	4,198	47.42	2,598,710	35.09	Retiree/Depend of Retir/Surviv/Other <65

**PNTYPECD -**  
**Person type code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
D	3,759	42.46	3,440,948	46.46	Dependent
S	5,094	57.54	3,964,599	53.54	Sponsor

**H16001 -**  
**Are you the person listed on the cover letter**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	159	1.80	198,211	2.68	Did not answer
1	8,679	98.03	7,170,848	96.83	Yes
2	15	0.17	36,489	0.49	No

**H16002A -**  
**Health plan(s) covered: TRICARE Prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,163	69.61	3,333,993	45.02	Marked
2	2,690	30.39	4,071,554	54.98	Not marked

**H16002C -**  
**Health plan(s) covered: TRICARE Extra/Standard**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,014	11.45	942,285	12.72	Marked
2	7,839	88.55	6,463,262	87.28	Not marked

**H16002N -****Health plan(s) covered: TRICARE Plus**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	82	0.93	44,172	0.60	Marked
2	8,771	99.07	7,361,375	99.40	Not marked

**H16002O -****Health plan(s) covered: TRICARE For Life**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,026	11.59	2,284,647	30.85	Marked
2	7,827	88.41	5,120,900	69.15	Not marked

**H16002P -****Health plan(s) covered: TRICARE Supplemental Insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	40	0.45	51,396	0.69	Marked
2	8,813	99.55	7,354,151	99.31	Not marked

**H16002Q -****Health plan(s) covered: TRICARE Reserve Select**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	76	0.86	228,569	3.09	Marked
2	8,777	99.14	7,176,978	96.91	Not marked

**H16002S -****Health plan(s) covered: TRICARE Retired Reserve**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	138	1.56	132,709	1.79	Marked
2	8,715	98.44	7,272,838	98.21	Not marked

**H16002T -****Health plan(s) covered: TRICARE Young Adult Prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	41	0.46	64,798	0.87	Marked
2	8,812	99.54	7,340,749	99.13	Not marked

**H16002V -****Health plan(s) covered: TRICARE Young Adult Extra or Standard**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	28	0.32	38,388	0.52	Marked
2	8,825	99.68	7,367,159	99.48	Not marked

**H16002K -****Health plan(s) covered: Uniformed Services Family Health Plan (USFHP)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	92	1.04	120,390	1.63	Marked
2	8,761	98.96	7,285,157	98.37	Not marked

**H16002U -****Health plan(s) covered: Continued Health Care Benefit Program (CHCBP)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8	0.09	2,578	0.03	Marked
2	8,845	99.91	7,402,969	99.97	Not marked

**H16002F -****Health plan(s) covered: Medicare**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	898	10.14	2,223,427	30.02	Marked
2	7,955	89.86	5,182,120	69.98	Not marked

**H16002G -****Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	162	1.83	156,833	2.12	Marked
2	8,691	98.17	7,248,714	97.88	Not marked

**H16002H -****Health plan(s) covered: Medicaid**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	42	0.47	77,281	1.04	Marked
2	8,811	99.53	7,328,266	98.96	Not marked

**H16002I -****Health plan(s) covered: civilian HMO**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	97	1.10	138,224	1.87	Marked
2	8,756	98.90	7,267,323	98.13	Not marked

**H16002J -****Health plan(s) covered: other civilian health insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	460	5.20	459,077	6.20	Marked
2	8,393	94.80	6,946,470	93.80	Not marked

**H16002M -****Health plan(s) covered: Veterans Administration (VA)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	663	7.49	538,987	7.28	Marked
2	8,190	92.51	6,866,560	92.72	Not marked

**H16002R -****Health plan(s) covered: non-US government health insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	54	0.61	19,485	0.26	Marked
2	8,799	99.39	7,386,063	99.74	Not marked

**H16002L -****Health plan(s) covered: not sure**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	396	4.47	316,000	4.27	Marked
2	8,457	95.53	7,089,547	95.73	Not marked

**H16003 -****Which health plan did you use most in the past 12 months?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	32	0.36	42,520	0.57	Did not answer
D	190	2.15	216,794	2.93	Not sure
N	156	1.76	94,914	1.28	Didn't use any health plan in past year
1	5,854	66.12	3,157,331	42.63	TRICARE Prime
3	728	8.22	635,749	8.58	TRICARE Extra or Standard (CHAMPUS)
4	659	7.44	1,840,667	24.86	Medicare
5	123	1.39	111,531	1.51	Federal Employees Health Benefit Program
6	11	0.12	19,795	0.27	Medicaid
7	84	0.95	126,935	1.71	A civilian HMO
8	383	4.33	364,875	4.93	Other civilian health insurance
9	79	0.89	120,366	1.63	Uniformed Services Family Health Plan
10	283	3.20	272,993	3.69	The Veterans Administration
11	64	0.72	34,962	0.47	TRICARE Plus
12	61	0.69	220,161	2.97	TRICARE Reserve Select
13	43	0.49	9,215	0.12	Govmnt health insrnc frm Non-US cntry
14	66	0.75	58,048	0.78	TRICARE Retired Reserve
15	19	0.21	53,610	0.72	TRICARE Young Adult Prime
17	18	0.20	25,083	0.34	TRICARE Young Adult Extra or Standard

**H16004 -****Months or years in a row with health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.59	92,590	1.25	Did not answer
C	17	0.19	27,699	0.37	Should be skipped
N	329	3.72	284,009	3.84	Valid skip
1	130	1.47	109,977	1.49	Less than 6 months
2	400	4.52	370,616	5.00	6 up to 12 months
3	630	7.12	681,252	9.20	12 up to 24 months
4	1,366	15.43	1,376,664	18.59	2 up to 5 years
5	1,488	16.81	1,375,375	18.57	5 up to 10 years
6	4,441	50.16	3,087,365	41.69	10 or more years

**H16005 -****In last year: facility used most for health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	30	0.34	29,392	0.40	Did not answer
1	4,987	56.33	2,611,554	35.26	A military facility
2	3,123	35.28	4,051,021	54.70	A civilian facility
3	54	0.61	95,015	1.28	Uniformed Services Fam Hlth Plan facility
4	362	4.09	373,088	5.04	Veterans Affairs (VA) clinic or hospital
5	297	3.35	245,477	3.31	Went to none of listed types of facility

**H16006 -****In last year: have illness/injury/condition that needed care right away**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	9	0.10	16,659	0.22	Did not answer
1	3,838	43.35	3,404,188	45.97	Yes
2	5,006	56.55	3,984,700	53.81	No

**H16007 -****In last year: how often got care as soon as you believed you need it**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	181	2.04	205,014	2.77	Did not answer
C	144	1.63	166,698	2.25	Should be skipped
N	4,862	54.92	3,818,003	51.56	Didn't need care right away in past year
1	136	1.54	83,323	1.13	Never
2	491	5.55	363,229	4.90	Sometimes
3	844	9.53	702,986	9.49	Usually
4	2,195	24.79	2,066,295	27.90	Always

**H16008 -****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
.	178	2.01	199,524	2.69	Did not answer
C	147	1.66	167,562	2.26	Should be skipped
N	4,859	54.89	3,817,138	51.54	Didn't need care right away in past year
1	2,086	23.56	2,002,846	27.05	Same day
2	552	6.24	451,107	6.09	1 day
3	315	3.56	224,542	3.03	2 days
4	151	1.71	114,052	1.54	3 days
5	276	3.12	200,056	2.70	4 to 7 days
6	150	1.69	107,770	1.46	8 to 14 days
7	139	1.57	120,951	1.63	15 days or longer

**H16009 -****In last year: made appointments for non-urgent health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	13	0.15	13,282	0.18	Did not answer
1	7,561	85.41	6,433,043	86.87	Yes
2	1,279	14.45	959,222	12.95	No

**H16010 -****In last year: how often got appointments for routine health care as soon as you needed**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	240	2.71	287,421	3.88	Did not answer
C	34	0.38	39,468	0.53	Should be skipped
N	1,245	14.06	919,754	12.42	Didn't have appointment in past year
1	314	3.55	210,056	2.84	Never
2	1,458	16.47	1,037,482	14.01	Sometimes
3	2,194	24.78	1,703,095	23.00	Usually
4	3,368	38.04	3,208,271	43.32	Always



**H16011 -**

**In last year: days between making an appointment for non-urgent care and actually seeing a provider**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	261	2.95	340,126	4.59	Did not answer
C	37	0.42	45,047	0.61	Should be skipped
N	1,242	14.03	914,175	12.34	Didn't have an appointment in past year
1	481	5.43	472,793	6.38	Same day
2	635	7.17	648,640	8.76	1 day
3	1,570	17.73	1,375,629	18.58	2 to 3 days
4	1,756	19.84	1,413,663	19.09	4 to 7 days
5	1,501	16.95	1,103,114	14.90	8 to 14 days
6	1,019	11.51	757,645	10.23	15 to 30 days
7	351	3.96	334,716	4.52	31 days or longer

**H16012 -**

**In last year: times went to an emergency room for own care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.59	59,505	0.80	Did not answer
1	6,457	72.94	5,212,197	70.38	None
2	1,548	17.49	1,394,157	18.83	1 time
3	487	5.50	455,279	6.15	2 times
4	199	2.25	186,051	2.51	3 times
5	60	0.68	58,796	0.79	4 times
6	40	0.45	29,730	0.40	5 to 9 times
7	10	0.11	9,831	0.13	10 or more times

**H16013 -**

**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
.	25	0.28	32,210	0.43	Did not answer
1	1,366	15.43	1,053,478	14.23	None
2	972	10.98	721,860	9.75	1 time
3	1,451	16.39	1,195,955	16.15	2 times
4	1,339	15.12	1,113,641	15.04	3 times
5	1,227	13.86	1,009,791	13.64	4 times
6	1,671	18.87	1,507,603	20.36	5 to 9 times
7	802	9.06	771,009	10.41	10 or more times

**H16014 -****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
.	112	1.27	119,839	1.62	Did not answer
C	43	0.49	43,895	0.59	Should be skipped
N	1,323	14.94	1,009,583	13.63	Valid skip
1	949	10.72	670,912	9.06	Never
2	2,024	22.86	1,614,222	21.80	Sometimes
3	2,044	23.09	1,862,217	25.15	Usually
4	2,358	26.64	2,084,878	28.15	Always

**H16015 -****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
.	64	0.72	87,332	1.18	Did not answer
C	43	0.49	43,946	0.59	Should be skipped
N	1,323	14.94	1,009,532	13.63	Valid skip
1	4,281	48.36	3,670,573	49.57	Yes
2	3,142	35.49	2,594,164	35.03	No

**H16016 -****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
.	139	1.57	177,623	2.40	Did not answer
C	61	0.69	77,152	1.04	Should be skipped
N	4,447	50.23	3,570,490	48.21	Valid skip
1	2,880	32.53	2,557,584	34.54	Definitely yes
2	1,156	13.06	890,606	12.03	Somewhat yes
3	114	1.29	91,221	1.23	Somewhat no
4	56	0.63	40,870	0.55	Definitely no

**H16017 -****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
.	146	1.65	182,489	2.46	Did not answer
C	60	0.68	76,891	1.04	Should be skipped
N	4,448	50.24	3,570,752	48.22	Valid skip
1	2,555	28.86	2,286,435	30.87	Definitely yes
2	1,196	13.51	909,633	12.28	Somewhat yes
3	280	3.16	242,192	3.27	Somewhat no
4	168	1.90	137,155	1.85	Definitely no

**H16018 -****Rating of all your health care in last year**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	77	0.87	87,205	1.18	Did not answer
C	50	0.56	48,165	0.65	Should be skipped
N	1,316	14.87	1,005,313	13.58	I had no visits in the last 12 months
0	43	0.49	28,233	0.38	0
1	34	0.38	32,565	0.44	1
2	87	0.98	62,911	0.85	2
3	162	1.83	102,496	1.38	3
4	169	1.91	120,907	1.63	4
5	458	5.17	330,351	4.46	5
6	439	4.96	297,211	4.01	6
7	940	10.62	657,083	8.87	7
8	1,695	19.15	1,301,138	17.57	8
9	1,434	16.20	1,251,522	16.90	9
10	1,949	22.02	2,080,447	28.09	10

**H16019 -****Have one person you think of as your personal doctor**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	2	0.02	4,528	0.06	Did not answer
1	6,357	71.81	5,819,075	78.58	Yes
2	2,494	28.17	1,581,944	21.36	No

**H16020 -****In last year: number of times visited personal doctor for care for self**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	122	1.38	167,110	2.26	Did not answer
C	19	0.21	17,401	0.23	Should be skipped
N	2,475	27.96	1,564,544	21.13	Valid skip
0	569	6.43	478,988	6.47	None
1	1,236	13.96	1,052,666	14.21	1
2	1,484	16.76	1,317,119	17.79	2
3	1,116	12.61	1,072,426	14.48	3
4	839	9.48	769,231	10.39	4
5	824	9.31	773,907	10.45	5 to 9
6	169	1.91	192,154	2.59	10 or more

**H16021 -****In last year: how often personal doctor listened carefully to you**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	141	1.59	170,642	2.30	Did not answer
C	43	0.49	37,468	0.51	Should be skipped
N	3,020	34.11	2,023,465	27.32	I had no visits in the last 12 months
1	61	0.69	42,978	0.58	Never
2	392	4.43	273,974	3.70	Sometimes
3	981	11.08	893,216	12.06	Usually
4	4,215	47.61	3,963,805	53.52	Always

**H16022 -****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
.	152	1.72	192,378	2.60	Did not answer
C	43	0.49	39,826	0.54	Should be skipped
N	3,020	34.11	2,021,106	27.29	I had no visits in the last 12 months
1	48	0.54	30,229	0.41	Never
2	260	2.94	181,708	2.45	Sometimes
3	983	11.10	924,595	12.49	Usually
4	4,347	49.10	4,015,704	54.23	Always

**H16023 -****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
.	154	1.74	177,256	2.39	Did not answer
C	41	0.46	36,874	0.50	Should be skipped
N	3,022	34.14	2,024,059	27.33	I had no visits in the last 12 months
1	71	0.80	55,769	0.75	Never
2	300	3.39	220,526	2.98	Sometimes
3	770	8.70	741,940	10.02	Usually
4	4,495	50.77	4,149,123	56.03	Always

**H16024 -****In last year: how often your personal doctor spent enough time with you**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	160	1.81	192,132	2.59	Did not answer
C	38	0.43	31,755	0.43	Should be skipped
N	3,025	34.17	2,029,178	27.40	I had no visits in the last 12 months
1	134	1.51	98,695	1.33	Never
2	442	4.99	357,219	4.82	Sometimes
3	1,257	14.20	1,116,484	15.08	Usually
4	3,797	42.89	3,580,085	48.34	Always

**H16025 -****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
.	113	1.28	146,584	1.98	Did not answer
C	39	0.44	32,896	0.44	Should be skipped
N	3,024	34.16	2,028,037	27.39	Valid skip
1	4,229	47.77	3,920,637	52.94	Yes
2	1,448	16.36	1,277,393	17.25	No

**H16026 -****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
.	225	2.54	279,031	3.77	Did not answer
C	25	0.28	29,007	0.39	Should be skipped
N	4,486	50.67	3,309,319	44.69	Valid skip
1	374	4.22	259,230	3.50	Never
2	645	7.29	508,408	6.87	Sometimes
3	1,306	14.75	1,194,622	16.13	Usually
4	1,792	20.24	1,825,931	24.66	Always

**H16027 -****Rating of your personal doctor**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	201	2.27	216,344	2.92	Did not answer
C	20	0.23	20,160	0.27	Should be skipped
N	2,474	27.95	1,561,784	21.09	Don't have a personal doctor
0	40	0.45	32,395	0.44	0
1	41	0.46	25,009	0.34	1
2	55	0.62	31,902	0.43	2
3	73	0.82	45,232	0.61	3
4	88	0.99	59,101	0.80	4
5	313	3.54	224,130	3.03	5
6	231	2.61	168,234	2.27	6
7	542	6.12	410,277	5.54	7
8	1,050	11.86	909,778	12.29	8
9	1,448	16.36	1,330,339	17.96	9
10	2,277	25.72	2,370,862	32.01	10

**H16028 -****In last year: tried to make appointment to see a specialist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	9	0.10	5,624	0.08	Did not answer
1	5,263	59.45	4,496,650	60.72	Yes
2	3,581	40.45	2,903,273	39.20	No

**H16029 -****In last year: how often it was easy to get appointments with specialists**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	75	0.85	91,263	1.23	Did not answer
C	53	0.60	75,260	1.02	Should be skipped
N	3,528	39.85	2,828,013	38.19	Didn't need a specialist
1	324	3.66	213,149	2.88	Never
2	738	8.34	527,032	7.12	Sometimes
3	1,608	18.16	1,366,289	18.45	Usually
4	2,527	28.54	2,304,541	31.12	Always

**H16030 -****In last year: how many specialists seen**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	76,534	1.03	Did not answer
C	52	0.59	74,629	1.01	Should be skipped
N	3,529	39.86	2,828,644	38.20	Valid skip
0	159	1.80	110,386	1.49	None
1	2,189	24.73	1,768,496	23.88	1 specialist
2	1,593	17.99	1,306,430	17.64	2
3	756	8.54	685,986	9.26	3
4	301	3.40	318,042	4.29	4
5	220	2.49	236,400	3.19	5 or more specialists

**H16031 -****Rating of specialist seen most often in last year**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	74	0.84	84,380	1.14	Did not answer
C	34	0.38	46,576	0.63	Should be skipped
N	3,706	41.86	2,967,083	40.07	Didn't see specialist in last 12 months
0	30	0.34	25,150	0.34	0
1	23	0.26	26,145	0.35	1
2	35	0.40	32,212	0.43	2
3	63	0.71	40,803	0.55	3
4	44	0.50	49,091	0.66	4
5	216	2.44	177,308	2.39	5
6	190	2.15	122,671	1.66	6
7	407	4.60	296,303	4.00	7
8	924	10.44	672,010	9.07	8
9	1,232	13.92	946,568	12.78	9
10	1,875	21.18	1,919,248	25.92	10

**H16032 -****In last year: tried to get care, tests, or treatment through health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	66	0.75	70,015	0.95	Did not answer
1	6,570	74.21	5,540,025	74.81	Yes
2	2,217	25.04	1,795,507	24.25	No

**H16033 -**

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
.	141	1.59	155,640	2.10	Did not answer
C	31	0.35	41,620	0.56	Should be skipped
N	2,186	24.69	1,753,887	23.68	Didn't need care/tests/treatment
1	213	2.41	156,991	2.12	Never
2	753	8.51	473,321	6.39	Sometimes
3	1,874	21.17	1,370,608	18.51	Usually
4	3,655	41.29	3,453,480	46.63	Always

**H16034 -**

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
.	72	0.81	69,048	0.93	Did not answer
1	2,856	32.26	2,338,820	31.58	Yes
2	5,925	66.93	4,997,679	67.49	No

**H16035 -**

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
.	99	1.12	90,747	1.23	Did not answer
C	105	1.19	167,529	2.26	Should be skipped
N	5,820	65.74	4,830,151	65.22	Didn't look for information
1	170	1.92	172,324	2.33	Never
2	868	9.80	624,032	8.43	Sometimes
3	1,155	13.05	896,369	12.10	Usually
4	636	7.18	624,395	8.43	Always

**H16036 -**

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
.	68	0.77	57,674	0.78	Did not answer
1	1,416	15.99	1,250,747	16.89	Yes
2	7,369	83.24	6,097,126	82.33	No



**H16037 -****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
.	85	0.96	76,498	1.03	Did not answer
C	92	1.04	103,151	1.39	Should be skipped
N	7,277	82.20	5,993,974	80.94	Didn't need hlth care service/equipmnt
1	270	3.05	266,687	3.60	Never
2	334	3.77	246,476	3.33	Sometimes
3	405	4.57	365,984	4.94	Usually
4	390	4.41	352,777	4.76	Always

**H16038 -****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
.	65	0.73	55,577	0.75	Did not answer
1	1,745	19.71	1,780,578	24.04	Yes
2	7,043	79.55	5,569,392	75.21	No

**H16039 -****In last year: how often able to find out cost of prescription medications**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	100	1.13	101,615	1.37	Did not answer
C	61	0.69	81,387	1.10	Should be skipped
N	6,982	78.87	5,488,005	74.11	Didn't need prescription meds/no info
1	315	3.56	298,056	4.02	Never
2	361	4.08	279,415	3.77	Sometimes
3	459	5.18	446,593	6.03	Usually
4	575	6.49	710,475	9.59	Always

**H16040 -****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
.	69	0.78	71,990	0.97	Did not answer
1	2,392	27.02	1,956,473	26.42	Yes
2	6,392	72.20	5,377,084	72.61	No

**H16041 -****In last year: how often did customer service give needed information or help**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	136	1.54	155,956	2.11	Did not answer
C	93	1.05	121,407	1.64	Should be skipped
N	6,299	71.15	5,255,676	70.97	Didn't call hlth plan's customer service
1	171	1.93	145,422	1.96	Never
2	450	5.08	341,721	4.61	Sometimes
3	706	7.97	510,410	6.89	Usually
4	998	11.27	874,954	11.81	Always

**H16042 -****In last year: how often did customer service treat with courtesy and respect**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	136	1.54	156,790	2.12	Did not answer
C	100	1.13	131,273	1.77	Should be skipped
N	6,292	71.07	5,245,811	70.84	Didn't call hlth plan's customer service
1	49	0.55	56,692	0.77	Never
2	202	2.28	124,626	1.68	Sometimes
3	544	6.14	404,842	5.47	Usually
4	1,530	17.28	1,285,513	17.36	Always

**H16043 -****In last year: health plan gave forms to fill out**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	73	0.82	75,392	1.02	Did not answer
1	2,238	25.28	1,723,365	23.27	Yes
2	6,542	73.90	5,606,790	75.71	No

**H16044 -****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
.	109	1.23	112,130	1.51	Did not answer
C	117	1.32	141,656	1.91	Should be skipped
N	6,425	72.57	5,465,134	73.80	Didn't have experience with paperwork
1	81	0.91	71,449	0.96	Never
2	298	3.37	232,034	3.13	Sometimes
3	951	10.74	689,920	9.32	Usually
4	872	9.85	693,224	9.36	Always

**H16045 -****In last year: sent in any claims to your health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	73	0.82	71,507	0.97	Did not answer
D	1,795	20.28	1,356,331	18.32	Don't know
1	3,626	40.96	3,533,587	47.72	Yes
2	3,359	37.94	2,444,122	33.00	No

**H16046 -****In last year: how often health plan handled claims quickly**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.21	110,984	1.50	Did not answer
C	86	0.97	116,558	1.57	Should be skipped
D	492	5.56	478,204	6.46	Don't know
N	5,068	57.25	3,683,895	49.75	No claims sent for me in past year
1	144	1.63	96,193	1.30	Never
2	282	3.19	194,938	2.63	Sometimes
3	1,042	11.77	1,062,563	14.35	Usually
4	1,632	18.43	1,662,212	22.45	Always

**H16047 -****In last year: how often health plan handled claims correctly**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	111	1.25	113,678	1.54	Did not answer
C	79	0.89	108,831	1.47	Should be skipped
D	465	5.25	458,743	6.19	Don't know
N	5,075	57.33	3,691,623	49.85	No claims sent for me in past year
1	97	1.10	75,404	1.02	Never
2	275	3.11	161,620	2.18	Sometimes
3	931	10.52	911,649	12.31	Usually
4	1,820	20.56	1,884,000	25.44	Always

**H16048 -  
Rating of health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	128	1.45	121,279	1.64	Did not answer
0	79	0.89	58,377	0.79	0
1	49	0.55	36,572	0.49	1
2	78	0.88	56,825	0.77	2
3	129	1.46	74,325	1.00	3
4	175	1.98	113,267	1.53	4
5	667	7.53	496,496	6.70	5
6	558	6.30	381,007	5.14	6
7	1,178	13.31	860,999	11.63	7
8	1,791	20.23	1,342,522	18.13	8
9	1,763	19.91	1,504,150	20.31	9
10	2,258	25.51	2,359,727	31.86	10

**H16049 -  
Blood pressure: when last reading**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	113	1.28	101,426	1.37	Did not answer
1	153	1.73	123,541	1.67	More than 2 years ago
2	403	4.55	280,523	3.79	1 to 2 years ago
3	8,184	92.44	6,900,057	93.17	Less than 12 months ago

**H16050 -  
Blood pressure: know if blood pressure is too high or not**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	114	1.29	103,420	1.40	Did not answer
1	1,481	16.73	1,277,083	17.24	Yes, it's too high
2	6,877	77.68	5,725,609	77.32	No, it's not too high
3	381	4.30	299,435	4.04	Don't know

**H16051 -  
When did you last have a flu shot**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	117	1.32	101,505	1.37	Did not answer
1	682	7.70	537,330	7.26	Never had a flu shot
2	1,004	11.34	688,788	9.30	More than 2 years ago
3	1,356	15.32	1,022,028	13.80	1 to 2 years ago
4	5,694	64.32	5,055,896	68.27	Less than 12 months ago

**H16052 -  
Smoked at least 100 cigarettes in life**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	130	1.47	100,564	1.36	Did not answer
D	139	1.57	113,189	1.53	Don't know
1	2,911	32.88	2,690,935	36.34	Yes
2	5,673	64.08	4,500,858	60.78	No

**H16053 -  
Smoke or use tobacco every day, some days, or not at all**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	106	1.20	100,710	1.36	Did not answer
D	54	0.61	46,043	0.62	Don't know
2	7,667	86.60	6,403,422	86.47	Not at all
3	403	4.55	360,567	4.87	Some days
4	623	7.04	494,805	6.68	Every day

**H16054 -  
Last year: how often advised by doctor to quit smoking or using tobacco**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	90	1.02	69,876	0.94	Did not answer
C	236	2.67	318,585	4.30	Should be skipped
N	7,485	84.55	6,130,880	82.79	Valid skip
1	192	2.17	194,900	2.63	Never
2	225	2.54	208,240	2.81	Sometimes
3	249	2.81	192,776	2.60	Usually
4	376	4.25	290,290	3.92	Always

**H16055 -  
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
.	91	1.03	69,836	0.94	Did not answer
C	191	2.16	257,413	3.48	Should be skipped
N	7,530	85.06	6,192,052	83.61	Valid skip
1	478	5.40	433,971	5.86	Never
2	237	2.68	231,352	3.12	Sometimes
3	156	1.76	102,828	1.39	Usually
4	170	1.92	118,096	1.59	Always

**H16056 -**

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	95	1.07	73,892	1.00	Did not answer
C	161	1.82	221,668	2.99	Should be skipped
N	7,560	85.39	6,227,797	84.10	Valid skip
1	476	5.38	431,183	5.82	Never
2	257	2.90	216,924	2.93	Sometimes
3	156	1.76	141,758	1.91	Usually
4	148	1.67	92,325	1.25	Always

**H16057A -**

**Do you smoke or use: cigarettes**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,721	87.21	6,449,465	87.09	Valid skip
1	732	8.27	616,414	8.32	Marked
2	400	4.52	339,669	4.59	Not marked

**H16057B -**

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,721	87.21	6,449,465	87.09	Valid skip
1	224	2.53	187,353	2.53	Marked
2	908	10.26	768,729	10.38	Not marked

**H16057C -**

**Do you smoke or use: cigars**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,721	87.21	6,449,465	87.09	Valid skip
1	131	1.48	109,089	1.47	Marked
2	1,001	11.31	846,993	11.44	Not marked

**H16057D -**

**Do you smoke or use: pipes, bidis, or kreteks**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,721	87.21	6,449,465	87.09	Valid skip
1	41	0.46	56,139	0.76	Marked
2	1,091	12.32	899,943	12.15	Not marked

**H16058 -****Are you male or female**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	94	1.06	77,306	1.04	Did not answer
1	4,539	51.27	3,687,996	49.80	Male
2	4,220	47.67	3,640,245	49.16	Female

**H16059B -****Female: last have a Pap smear test**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	150	1.69	151,582	2.05	Did not answer
C	22	0.25	23,159	0.31	Should be skipped
N	4,566	51.58	3,706,172	50.05	Valid skip
1	144	1.63	182,171	2.46	Never had a Pap smear test
2	425	4.80	571,366	7.72	5 or more years ago
3	299	3.38	287,954	3.89	More than 3 but less than 5 years ago
4	457	5.16	347,345	4.69	More than 2 but less than 3 years ago
5	1,136	12.83	857,272	11.58	1 to 2 years ago
6	1,654	18.68	1,278,527	17.26	Within the last 12 months

**H16060 -****Female: are you under age 40**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	29	0.33	42,690	0.58	Should be skipped
N	4,559	51.50	3,686,641	49.78	Valid skip
1	1,546	17.46	1,227,506	16.58	Yes
2	2,719	30.71	2,448,711	33.07	No

**H16061 -****Female: last time breasts checked by mammography**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	124	1.40	147,382	1.99	Did not answer
C	52	0.59	46,880	0.63	Should be skipped
N	6,082	68.70	4,909,957	66.30	Valid skip
1	128	1.45	89,221	1.20	Never had a mammogram
2	104	1.17	139,495	1.88	5 or more years ago
3	194	2.19	169,344	2.29	More than 2 less than 5 years ago
4	496	5.60	390,422	5.27	1 to 2 years ago
5	1,673	18.90	1,512,845	20.43	Within the last 12 months

**H16062 -****Female: been pregnant in last year or pregnant now**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	128	1.45	157,744	2.13	Did not answer
C	9	0.10	6,431	0.09	Should be skipped
N	4,579	51.72	3,722,899	50.27	Valid skip
1	157	1.77	124,195	1.68	Yes, currently pregnant
2	209	2.36	128,128	1.73	No, not currently pregnant but have been
3	3,771	42.60	3,266,149	44.10	No, not currently pregnant/have not been

**H16063 -****Female: in what trimester is your pregnancy**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	128	1.45	157,744	2.13	Did not answer
C	2	0.02	82	0.00	Should be skipped
N	8,566	96.76	7,123,526	96.19	Valid skip
1	29	0.33	36,366	0.49	First trimester
2	67	0.76	54,737	0.74	Second trimester
3	61	0.69	33,092	0.45	Third trimester

**H16064 -****Female: trimester first received prenatal care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	134	1.51	164,067	2.22	Did not answer
C	17	0.19	18,650	0.25	Should be skipped
N	8,371	94.56	7,013,196	94.70	Valid skip
1	11	0.12	5,981	0.08	Did not receive prenatal care
2	1	0.01	345	0.00	Third trimester
3	24	0.27	21,227	0.29	Second trimester
4	295	3.33	182,081	2.46	First trimester

**H16065 -****In general how would you rate your overall health**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	126	1.42	102,970	1.39	Did not answer
1	116	1.31	127,468	1.72	Poor
2	750	8.47	739,615	9.99	Fair
3	2,768	31.27	2,343,403	31.64	Good
4	3,528	39.85	2,767,433	37.37	Very Good
5	1,565	17.68	1,324,659	17.89	Excellent



**H16066 -****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
.	170	1.92	133,682	1.81	Did not answer
1	3,011	34.01	2,633,162	35.56	Yes
2	5,672	64.07	4,638,702	62.64	No

**H16067 -****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
.	118	1.33	105,554	1.43	Did not answer
1	3,707	41.87	3,150,892	42.55	Yes
2	5,028	56.79	4,149,101	56.03	No

**H16068 -****Condition lasted for at least 3 months**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	186	2.10	159,682	2.16	Did not answer
N	5,028	56.79	4,149,101	56.03	Valid skip
1	3,148	35.56	2,646,142	35.73	Yes
2	491	5.55	450,622	6.08	No

**H16069 -****Need to take medicine prescribed by a doctor**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	121	1.37	114,853	1.55	Did not answer
1	5,511	62.25	4,927,634	66.54	Yes
2	3,221	36.38	2,363,060	31.91	No

**H16070 -****Medicine to treat condition that has lasted for at least 3 months**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	216	2.44	209,755	2.83	Did not answer
N	3,221	36.38	2,363,060	31.91	Valid skip
1	5,067	57.23	4,547,998	61.41	Yes
2	349	3.94	284,734	3.84	No

**H16071F -****Feet portion of height without shoes**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	233	2.63	200,224	2.70	Did not answer
O	212	2.39	190,877	2.58	Out of range error
4	90	1.02	85,724	1.16	4
5	6,929	78.27	5,879,404	79.39	5
6	1,389	15.69	1,049,318	14.17	6

**H16071I -****Inches portion of height without shoes**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	233	2.63	200,224	2.70	Did not answer
O	212	2.39	190,877	2.58	Out of range error
0	765	8.64	615,031	8.31	0
1	570	6.44	507,491	6.85	1
2	734	8.29	642,983	8.68	2
3	648	7.32	556,632	7.52	3
4	835	9.43	649,195	8.77	4
5	644	7.27	520,907	7.03	5
6	705	7.96	566,811	7.65	6
7	716	8.09	565,024	7.63	7
8	689	7.78	608,762	8.22	8
9	716	8.09	619,934	8.37	9
10	776	8.77	632,333	8.54	10
11	610	6.89	529,342	7.15	11

**H16072 -****Weight without shoes in pounds**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	298	3.37	243,610	3.29	Did not answer
O	146	1.65	151,769	2.05	Out of range error
100	25	0.28	21,190	0.29	100
101	1	0.01	725	0.01	101
102	6	0.07	1,825	0.02	102
103	2	0.02	899	0.01	103
104	6	0.07	14,140	0.19	104
105	44	0.50	33,546	0.45	105
106	9	0.10	6,382	0.09	106
107	10	0.11	9,650	0.13	107
108	10	0.11	14,311	0.19	108
109	9	0.10	3,170	0.04	109
110	55	0.62	44,167	0.60	110
111	2	0.02	246	0.00	111
112	27	0.30	16,235	0.22	112

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
113	16	0.18	6,595	0.09	113
114	15	0.17	9,283	0.13	114
115	77	0.87	75,680	1.02	115
116	12	0.14	7,090	0.10	116
117	15	0.17	14,758	0.20	117
118	36	0.41	43,741	0.59	118
119	12	0.14	19,294	0.26	119
120	114	1.29	91,435	1.23	120
121	7	0.08	9,197	0.12	121
122	13	0.15	8,967	0.12	122
123	18	0.20	19,586	0.26	123
124	24	0.27	14,475	0.20	124
125	129	1.46	96,325	1.30	125
126	20	0.23	18,141	0.24	126
127	33	0.37	28,144	0.38	127
128	40	0.45	38,247	0.52	128
129	21	0.24	11,252	0.15	129
130	193	2.18	154,903	2.09	130
131	10	0.11	5,477	0.07	131
132	35	0.40	26,707	0.36	132
133	25	0.28	27,532	0.37	133
134	25	0.28	18,361	0.25	134
135	174	1.97	144,499	1.95	135
136	24	0.27	19,035	0.26	136
137	41	0.46	48,126	0.65	137
138	47	0.53	50,022	0.68	138
139	17	0.19	13,298	0.18	139
140	212	2.39	171,674	2.32	140
141	13	0.15	9,297	0.13	141
142	51	0.58	45,510	0.61	142
143	27	0.30	26,318	0.36	143
144	19	0.21	22,443	0.30	144
145	150	1.69	113,660	1.53	145
146	24	0.27	25,807	0.35	146
147	40	0.45	40,597	0.55	147
148	55	0.62	49,800	0.67	148
149	23	0.26	22,807	0.31	149
150	273	3.08	225,737	3.05	150
151	17	0.19	20,513	0.28	151
152	39	0.44	32,375	0.44	152
153	30	0.34	21,991	0.30	153
154	36	0.41	46,297	0.63	154
155	176	1.99	175,207	2.37	155
156	31	0.35	33,367	0.45	156
157	46	0.52	39,932	0.54	157
158	60	0.68	42,077	0.57	158
159	28	0.32	31,378	0.42	159

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
160	283	3.20	238,081	3.21	160
161	19	0.21	22,956	0.31	161
162	53	0.60	51,911	0.70	162
163	26	0.29	15,079	0.20	163
164	33	0.37	29,600	0.40	164
165	253	2.86	234,365	3.16	165
166	22	0.25	20,663	0.28	166
167	47	0.53	38,039	0.51	167
168	70	0.79	61,574	0.83	168
169	32	0.36	26,027	0.35	169
170	300	3.39	260,468	3.52	170
171	16	0.18	15,684	0.21	171
172	52	0.59	69,482	0.94	172
173	30	0.34	24,454	0.33	173
174	35	0.40	26,573	0.36	174
175	263	2.97	196,782	2.66	175
176	43	0.49	50,899	0.69	176
177	34	0.38	29,462	0.40	177
178	71	0.80	54,255	0.73	178
179	34	0.38	25,371	0.34	179
180	283	3.20	232,080	3.13	180
181	24	0.27	17,107	0.23	181
182	38	0.43	36,347	0.49	182
183	39	0.44	26,093	0.35	183
184	22	0.25	23,678	0.32	184
185	239	2.70	196,167	2.65	185
186	34	0.38	26,460	0.36	186
187	33	0.37	27,566	0.37	187
188	35	0.40	27,620	0.37	188
189	42	0.47	41,112	0.56	189
190	296	3.34	237,162	3.20	190
191	17	0.19	7,257	0.10	191
192	51	0.58	44,226	0.60	192
193	33	0.37	25,293	0.34	193
194	27	0.30	17,116	0.23	194
195	201	2.27	165,541	2.24	195
196	37	0.42	37,697	0.51	196
197	35	0.40	22,296	0.30	197
198	64	0.72	52,794	0.71	198
199	9	0.10	7,525	0.10	199
200	267	3.02	188,063	2.54	200
201	17	0.19	14,104	0.19	201
202	27	0.30	23,821	0.32	202
203	28	0.32	23,559	0.32	203
204	24	0.27	28,132	0.38	204
205	148	1.67	88,200	1.19	205
206	14	0.16	16,038	0.22	206

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
207	21	0.24	25,912	0.35	207
208	26	0.29	14,915	0.20	208
209	12	0.14	7,615	0.10	209
210	213	2.41	164,494	2.22	210
211	12	0.14	8,175	0.11	211
212	27	0.30	16,975	0.23	212
213	17	0.19	12,816	0.17	213
214	22	0.25	23,437	0.32	214
215	162	1.83	121,653	1.64	215
216	13	0.15	11,211	0.15	216
217	17	0.19	12,668	0.17	217
218	31	0.35	27,254	0.37	218
219	12	0.14	5,039	0.07	219
220	187	2.11	130,294	1.76	220
221	8	0.09	11,253	0.15	221
222	14	0.16	17,210	0.23	222
223	7	0.08	6,944	0.09	223
224	20	0.23	13,669	0.18	224
225	100	1.13	90,347	1.22	225
226	8	0.09	8,695	0.12	226
227	11	0.12	6,546	0.09	227
228	13	0.15	7,202	0.10	228
229	4	0.05	3,327	0.04	229
230	132	1.49	96,163	1.30	230
231	6	0.07	2,590	0.03	231
232	14	0.16	8,685	0.12	232
233	4	0.05	2,793	0.04	233
234	6	0.07	8,393	0.11	234
235	90	1.02	57,193	0.77	235
236	11	0.12	13,518	0.18	236
237	13	0.15	10,669	0.14	237
238	10	0.11	11,212	0.15	238
239	3	0.03	1,867	0.03	239
240	118	1.33	109,054	1.47	240
241	1	0.01	99	0.00	241
242	7	0.08	9,138	0.12	242
243	6	0.07	4,131	0.06	243
244	3	0.03	1,065	0.01	244
245	61	0.69	63,194	0.85	245
246	5	0.06	3,208	0.04	246
247	6	0.07	3,811	0.05	247
248	11	0.12	9,495	0.13	248
249	8	0.09	16,487	0.22	249
250	83	0.94	69,009	0.93	250
251	5	0.06	3,551	0.05	251
252	10	0.11	6,671	0.09	252
253	6	0.07	5,834	0.08	253

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
254	5	0.06	4,012	0.05	254
255	24	0.27	12,777	0.17	255
256	3	0.03	1,105	0.01	256
257	6	0.07	4,731	0.06	257
258	6	0.07	4,299	0.06	258
259	1	0.01	37	0.00	259
260	51	0.58	30,271	0.41	260
261	1	0.01	3,766	0.05	261
262	2	0.02	922	0.01	262
264	1	0.01	131	0.00	264
265	25	0.28	12,672	0.17	265
266	5	0.06	6,350	0.09	266
267	2	0.02	616	0.01	267
268	4	0.05	3,455	0.05	268
269	1	0.01	188	0.00	269
270	30	0.34	27,741	0.37	270
271	1	0.01	38	0.00	271
273	4	0.05	2,017	0.03	273
274	4	0.05	4,693	0.06	274
275	26	0.29	32,508	0.44	275
276	2	0.02	1,575	0.02	276
277	1	0.01	1,296	0.02	277
278	3	0.03	6,061	0.08	278
280	26	0.29	13,146	0.18	280
281	1	0.01	130	0.00	281
283	3	0.03	4,028	0.05	283
285	12	0.14	10,665	0.14	285
287	1	0.01	2,886	0.04	287
288	1	0.01	43	0.00	288
289	1	0.01	10	0.00	289
290	12	0.14	5,077	0.07	290
291	1	0.01	653	0.01	291
292	3	0.03	1,611	0.02	292
294	4	0.05	4,749	0.06	294
295	8	0.09	7,665	0.10	295
297	1	0.01	422	0.01	297
298	2	0.02	4,117	0.06	298

**SREDA -  
Highest grade completed**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	184	2.08	142,771	1.93	Did not answer
1	27	0.30	50,639	0.68	8th grade or less
2	89	1.01	131,184	1.77	Some high school, but did not graduate
3	1,156	13.06	1,329,111	17.95	High school graduate or GED
4	3,362	37.98	2,927,644	39.53	Some college or 2-year degree
5	1,808	20.42	1,362,921	18.40	4-year college graduate
6	2,227	25.16	1,461,276	19.73	More than 4-year college degree

**H16073 -  
Are you Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	339	3.83	279,208	3.77	Did not answer
1	7,625	86.13	6,465,142	87.30	No, Not Spanish, Hispanic, or Latino
2	307	3.47	214,548	2.90	Yes, Mexican, Mexican American, Chicano
3	260	2.94	202,371	2.73	Yes, Puerto Rican
4	17	0.19	13,782	0.19	Yes, Cuban
5	305	3.45	230,496	3.11	Yes, Other Spanish, Hispanic, or Latino

**H16073A -  
No, not Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	7,626	86.14	6,465,481	87.31	Marked
2	1,227	13.86	940,066	12.69	Not marked

**H16073B -  
Yes, Mexican, Mexican American, Chicano**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	307	3.47	214,548	2.90	Marked
2	8,546	96.53	7,190,999	97.10	Not marked

**H16073C -  
Yes, Puerto Rican**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	264	2.98	204,518	2.76	Marked
2	8,589	97.02	7,201,029	97.24	Not marked

**H16073D -  
Yes, Cuban**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	21	0.24	15,167	0.20	Marked
2	8,832	99.76	7,390,380	99.80	Not marked

**H16073E -  
Yes, other Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	323	3.65	244,925	3.31	Marked
2	8,530	96.35	7,160,622	96.69	Not marked

**SRRACEA -  
Race: White**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,744	76.18	5,807,950	78.43	Marked
2	2,109	23.82	1,597,597	21.57	Not marked

**SRRACEB -  
Race: Black or African American**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	960	10.84	758,392	10.24	Marked
2	7,893	89.16	6,647,155	89.76	Not marked

**SRRACEC -  
Race: American Indian or Alaska Native**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	257	2.90	172,097	2.32	Marked
2	8,596	97.10	7,233,450	97.68	Not marked



**SRRACED -****Race: Asian**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	701	7.92	484,428	6.54	Marked
2	8,152	92.08	6,921,119	93.46	Not marked

**SRRACEE -****Race: Native Hawaiian/other Pacific Islander**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	109	1.23	62,316	0.84	Marked
2	8,744	98.77	7,343,231	99.16	Not marked

**SRAGE -****What is your age now?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	178	2.01	134,555	1.82	Did not answer
1	661	7.47	870,469	11.75	18 to 24
2	1,441	16.28	1,136,282	15.34	25 to 34
3	1,440	16.27	909,675	12.28	35 to 44
4	1,674	18.91	734,135	9.91	45 to 54
5	2,700	30.50	1,370,150	18.50	55 to 64
6	454	5.13	1,239,732	16.74	65 to 74
7	305	3.45	1,010,549	13.65	75 or older

**H16074 -****Currently covered by Medicare**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	112	1.27	76,284	1.03	Did not answer
D	664	7.50	547,567	7.39	Don't know
1	1,094	12.36	2,509,513	33.89	Yes
2	6,983	78.88	4,272,182	57.69	No

**H16075 -****Currently covered by Medicare Part A**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	138	1.56	133,910	1.81	Missing/Unknown
C	363	4.10	256,453	3.46	Should be skipped
N	7,284	82.28	4,563,297	61.62	Valid skip
1	943	10.65	2,278,953	30.77	Yes, covered Medicare Part A
2	125	1.41	172,935	2.34	No, not covered Medicare Part A

**H16076 -  
Currently covered by Medicare Part B**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	143	1.62	146,116	1.97	Missing/Unknown
C	335	3.78	240,882	3.25	Should be skipped
N	7,312	82.59	4,578,867	61.83	Valid skip
1	905	10.22	2,220,816	29.99	Yes, covered Medicare Part B
2	158	1.78	218,866	2.96	No, not covered Medicare Part B

**H16077 -  
Enrolled in a Medicare Advantage plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	152	1.72	176,875	2.39	Did not answer
C	316	3.57	224,462	3.03	Should be skipped
D	188	2.12	375,339	5.07	Don't know
N	7,331	82.81	4,595,287	62.05	Valid skip
1	46	0.52	93,561	1.26	Yes
2	820	9.26	1,940,023	26.20	No

**H16078 -  
Currently covered Medicare supplemental**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	157	1.77	202,320	2.73	Missing/Unknown
C	316	3.57	222,034	3.00	Should be skipped
N	7,331	82.81	4,597,716	62.08	Valid skip
1	141	1.59	330,462	4.46	Yes, covered Medicare supplemental
2	908	10.26	2,053,015	27.72	No, not covered Medicare supplemental

**H16079 -  
Enrolled in Medicare Part D**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	138	1.56	135,733	1.83	Did not answer
C	315	3.56	223,511	3.02	Should be skipped
D	152	1.72	266,702	3.60	Don't know
N	7,332	82.82	4,596,239	62.06	Valid skip
1	98	1.11	246,082	3.32	Yes
2	818	9.24	1,937,281	26.16	No

**S16009 -****Had the same personal doctor or nurse before joining this health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	122	1.38	161,661	2.18	Did not answer
C	23	0.26	18,027	0.24	Should be skipped
N	2,471	27.91	1,563,917	21.12	Valid skip
1	1,325	14.97	1,730,869	23.37	Yes
2	4,912	55.48	3,931,073	53.08	No

**S16010 -****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
.	190	2.15	174,169	2.35	Did not answer
C	120	1.36	221,204	2.99	Should be skipped
N	1,205	13.61	1,509,665	20.39	Valid skip
1	1,062	12.00	665,836	8.99	A big problem
2	1,807	20.41	1,201,037	16.22	A small problem
3	4,469	50.48	3,633,636	49.07	Not a problem

**S16011 -****Agree/disagree: Able to see provider when needed**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	159	1.80	118,548	1.60	Did not answer
1	488	5.51	350,597	4.73	Strongly disagree
2	574	6.48	364,949	4.93	Disagree
3	954	10.78	648,704	8.76	Neither agree nor disagree
4	3,816	43.10	3,053,067	41.23	Agree
5	2,862	32.33	2,869,683	38.75	Strongly agree

**S16014 -****How satisfied with health care during last visit**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	162	1.83	118,890	1.61	Did not answer
1	331	3.74	268,667	3.63	Completely dissatisfied
2	426	4.81	278,318	3.76	Somewhat dissatisfied
3	726	8.20	544,437	7.35	Neither satisfied nor dissatisfied
4	2,278	25.73	1,649,060	22.27	Somewhat satisfied
5	4,930	55.69	4,546,176	61.39	Completely satisfied

**S16B01 -****Self rating of overall mental/emotional health**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	35	0.40	22,671	0.31	Did not answer
1	3,776	42.65	3,155,015	42.60	Excellent
2	2,772	31.31	2,208,002	29.82	Very good
3	1,587	17.93	1,348,462	18.21	Good
4	542	6.12	524,769	7.09	Fair
5	141	1.59	146,629	1.98	Poor

**S16B02 -****Last year: needed treatment/counseling for personal/family problem**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	9	0.10	8,729	0.12	Did not answer
1	1,210	13.67	1,078,238	14.56	Yes
2	7,634	86.23	6,318,580	85.32	No

**S16B03 -****Last year: problem getting needed treatment/counseling**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	39	0.44	36,651	0.49	Did not answer
N	7,634	86.23	6,318,580	85.32	Valid skip
1	162	1.83	137,631	1.86	A big problem
2	217	2.45	163,907	2.21	A small problem
3	801	9.05	748,778	10.11	Not a problem

**S16B04 -****Last year: rating of treatment/counseling received**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	147	1.66	147,633	1.99	Did not answer
C	6	0.07	11,970	0.16	Should be skipped
N	7,628	86.16	6,306,610	85.16	No treatment/counseling in last 12 months
0	28	0.32	20,773	0.28	0
1	17	0.19	29,114	0.39	1
2	23	0.26	14,459	0.20	2
3	25	0.28	15,221	0.21	3
4	31	0.35	27,140	0.37	4
5	84	0.95	63,934	0.86	5
6	75	0.85	56,675	0.77	6
7	103	1.16	81,610	1.10	7
8	192	2.17	148,074	2.00	8
9	173	1.95	131,342	1.77	9
10	321	3.63	350,994	4.74	10

**S16BC01A -****Past 12 months: did you try making appt at MTF? Yes, by calling**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,469	50.48	2,137,736	28.87	Marked
2	4,384	49.52	5,267,811	71.13	Not marked

**S16BC01B -****Past 12 months: did you try making appt at MTF? Yes, by using TRICARE Online or secure messaging**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,068	12.06	515,086	6.96	Marked
2	7,785	87.94	6,890,461	93.04	Not marked

**S16BC01C -****Past 12 months: did you try making appt at MTF? Yes, in person**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	716	8.09	537,545	7.26	Marked
2	8,137	91.91	6,868,002	92.74	Not marked

**S16BC01D -****Past 12 months: did you try making appt at MTF? No**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,514	39.69	4,657,117	62.89	Marked
2	5,339	60.31	2,748,430	37.11	Not marked

**S16BC04A -****Why not try make appt at MTF? Didn't need health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	13	0.15	2,828	0.04	Should be skipped
N	5,326	60.16	2,745,602	37.07	Valid skip
1	653	7.38	564,224	7.62	Marked
2	2,861	32.32	4,092,893	55.27	Not marked

**S16BC04B -****Why not try make appt at MTF? Wouldn't have been able to get appt when needed**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	21	0.24	11,996	0.16	Should be skipped
N	5,318	60.07	2,736,434	36.95	Valid skip
1	293	3.31	325,361	4.39	Marked
2	3,221	36.38	4,331,756	58.49	Not marked

**S16BC04C -****Why not try make appt at MTF? Wouldn't have gotten appt at convenient time**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	16	0.18	9,513	0.13	Should be skipped
N	5,323	60.13	2,738,918	36.98	Valid skip
1	171	1.93	192,477	2.60	Marked
2	3,343	37.76	4,464,640	60.29	Not marked

**S16BC04D -****Why not try make appt at MTF? Did not have needed referral for specialist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	13	0.15	3,626	0.05	Should be skipped
N	5,326	60.16	2,744,805	37.06	Valid skip
1	221	2.50	295,323	3.99	Marked
2	3,293	37.20	4,361,794	58.90	Not marked

**S16BC04E -****Why not try make appt at MTF? Inconvenient MTF location**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	16	0.18	18,788	0.25	Should be skipped
N	5,323	60.13	2,729,643	36.86	Valid skip
1	1,315	14.85	1,890,944	25.53	Marked
2	2,199	24.84	2,766,173	37.35	Not marked

**S16BC04F -****Why not try make appt at MTF? Only use civilian providers**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8	0.09	11,114	0.15	Should be skipped
N	5,331	60.22	2,737,316	36.96	Valid skip
1	993	11.22	1,474,409	19.91	Marked
2	2,521	28.48	3,182,708	42.98	Not marked

**S16BC04G -****Why not try make appt at MTF? Prefer civilian providers**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	7	0.08	8,044	0.11	Should be skipped
N	5,332	60.23	2,740,386	37.00	Valid skip
1	873	9.86	1,284,391	17.34	Marked
2	2,641	29.83	3,372,726	45.54	Not marked

**S16BC02A -****Why make appt at MTF? New illness, condition, or injury**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	23	0.26	41,471	0.56	Should be skipped
N	3,491	39.43	4,615,646	62.33	Valid skip
1	2,844	32.12	1,357,626	18.33	Marked
2	2,495	28.18	1,390,805	18.78	Not marked

**S16BC02B -****Why make appt at MTF? Referred for specialist care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	36	0.41	69,809	0.94	Should be skipped
N	3,478	39.29	4,587,308	61.94	Valid skip
1	1,434	16.20	758,496	10.24	Marked
2	3,905	44.11	1,989,934	26.87	Not marked

**S16BC02C -****Why make appt at MTF? Routine wellness**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	26	0.29	43,051	0.58	Should be skipped
N	3,488	39.40	4,614,066	62.31	Valid skip
1	2,501	28.25	1,284,436	17.34	Marked
2	2,838	32.06	1,463,994	19.77	Not marked

**S16BC02D -****Why make appt at MTF? Follow-up on illness, condition, or injury**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	20	0.23	34,070	0.46	Should be skipped
N	3,494	39.47	4,623,047	62.43	Valid skip
1	2,297	25.95	1,134,543	15.32	Marked
2	3,042	34.36	1,613,887	21.79	Not marked

**S16BC03A -****True when you tried to make appt at MTF: no appts available**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	17	0.19	43,783	0.59	Should be skipped
N	3,497	39.50	4,613,334	62.30	Valid skip
1	346	3.91	181,132	2.45	Marked
2	4,993	56.40	2,567,298	34.67	Not marked

**S16BC03B -****True when you tried to make appt at MTF: appt too far in future**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	13	0.15	16,012	0.22	Should be skipped
N	3,501	39.55	4,641,104	62.67	Valid skip
1	367	4.15	198,898	2.69	Marked
2	4,972	56.16	2,549,532	34.43	Not marked

**S16BC03C -****True when you tried to make appt at MTF: no convenient times**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	12	0.14	17,036	0.23	Should be skipped
N	3,502	39.56	4,640,080	62.66	Valid skip
1	177	2.00	90,337	1.22	Marked
2	5,162	58.31	2,658,093	35.89	Not marked

**S16BC03D -****True when you tried to make appt at MTF: appt time not convenient**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	4	0.05	4,824	0.07	Should be skipped
N	3,510	39.65	4,652,292	62.82	Valid skip
1	1,258	14.21	642,422	8.67	Marked
2	4,081	46.10	2,106,009	28.44	Not marked

**S16BC03E -****True when you tried to make appt at MTF: always able to make appt**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	29	0.33	35,492	0.48	Should be skipped
N	3,485	39.37	4,621,624	62.41	Valid skip
1	3,288	37.14	1,676,476	22.64	Marked
2	2,051	23.17	1,071,954	14.48	Not marked



**S16BC05A -****Past 12 months: did you try making appt at civilian provider? Yes, by calling**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,422	49.95	4,498,342	60.74	Marked
2	4,431	50.05	2,907,205	39.26	Not marked

**S16BC05B -****Past 12 months: did you try making appt at civilian provider? Yes, online**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	283	3.20	282,859	3.82	Marked
2	8,570	96.80	7,122,688	96.18	Not marked

**S16BC05C -****Past 12 months: did you try making appt at civilian provider? Yes, in person**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	561	6.34	604,286	8.16	Marked
2	8,292	93.66	6,801,261	91.84	Not marked

**S16BC05D -****Past 12 months: did you try making appt at civilian provider? No**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,024	45.45	2,492,108	33.65	Marked
2	4,829	54.55	4,913,439	66.35	Not marked

**S16BC06A -****Why make appt at civilian provider? New illness, condition, or injury**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	23	0.26	14,718	0.20	Should be skipped
N	4,001	45.19	2,477,390	33.45	Valid skip
1	1,661	18.76	1,959,855	26.46	Marked
2	3,168	35.78	2,953,583	39.88	Not marked

**S16BC06B -****Why make appt at civilian provider? Referred for specialist care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	48	0.54	25,152	0.34	Should be skipped
N	3,976	44.91	2,466,957	33.31	Valid skip
1	2,200	24.85	1,778,460	24.02	Marked
2	2,629	29.70	3,134,979	42.33	Not marked

**S16BC06C -****Why make appt at civilian provider? Routine wellness**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	15	0.17	18,063	0.24	Should be skipped
N	4,009	45.28	2,474,045	33.41	Valid skip
1	1,891	21.36	2,388,457	32.25	Marked
2	2,938	33.19	2,524,982	34.10	Not marked

**S16BC06D -****Why make appt at civilian provider? Follow-up on illness, condition, or injury**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	17	0.19	13,805	0.19	Should be skipped
N	4,007	45.26	2,478,303	33.47	Valid skip
1	2,034	22.98	2,348,496	31.71	Marked
2	2,795	31.57	2,564,943	34.64	Not marked

**S16BC07A -****True when you tried to make appt at civ provider: no appts available**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	7	0.08	2,388	0.03	Should be skipped
N	4,017	45.37	2,489,720	33.62	Valid skip
1	74	0.84	55,051	0.74	Marked
2	4,755	53.71	4,858,387	65.60	Not marked

**S16BC07B -****True when you tried to make appt at civ provider: appt too far in future**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8	0.09	2,074	0.03	Should be skipped
N	4,016	45.36	2,490,034	33.62	Valid skip
1	77	0.87	69,101	0.93	Marked
2	4,752	53.68	4,844,338	65.41	Not marked

**S16BC07C -****True when you tried to make appt at civ provider: no convenient times**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	9	0.10	5,262	0.07	Should be skipped
N	4,015	45.35	2,486,846	33.58	Valid skip
1	49	0.55	41,588	0.56	Marked
2	4,780	53.99	4,871,851	65.79	Not marked

**S16BC07D -****True when you tried to make appt at civ provider: appt time not convenient**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8	0.09	6,765	0.09	Should be skipped
N	4,016	45.36	2,485,344	33.56	Valid skip
1	584	6.60	415,188	5.61	Marked
2	4,245	47.95	4,498,250	60.74	Not marked

**S16BC07E -****True when you tried to make appt at civ provider: always able to make appt**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	46	0.52	40,810	0.55	Should be skipped
N	3,978	44.93	2,451,299	33.10	Valid skip
1	3,936	44.46	4,200,619	56.72	Marked
2	893	10.09	712,819	9.63	Not marked

**S16BC08A -****Why not try make appt at civ provider? Didn't need health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	9	0.10	15,115	0.20	Should be skipped
N	4,820	54.44	4,898,323	66.14	Valid skip
1	954	10.78	748,727	10.11	Marked
2	3,070	34.68	1,743,381	23.54	Not marked

**S16BC08B -****Why not try make appt at civ provider? Get all health care from MTF**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	25	0.28	14,732	0.20	Should be skipped
N	4,804	54.26	4,898,707	66.15	Valid skip
1	2,491	28.14	1,352,733	18.27	Marked
2	1,533	17.32	1,139,375	15.39	Not marked

**S16BC08C -****Why not try make appt at civ provider? Wouldn't have been able to get appt when needed**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	14	0.16	12,193	0.16	Should be skipped
N	4,815	54.39	4,901,245	66.18	Valid skip
1	82	0.93	57,518	0.78	Marked
2	3,942	44.53	2,434,590	32.88	Not marked

**S16BC08D -****Why not try make appt at civ provider? Wouldn't have gotten appt at convenient time**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	6	0.07	4,898	0.07	Should be skipped
N	4,823	54.48	4,908,541	66.28	Valid skip
1	68	0.77	61,702	0.83	Marked
2	3,956	44.69	2,430,406	32.82	Not marked

**S16BC08E -****Why not try make appt at civ provider? Did not have needed referral for specialist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	17	0.19	12,102	0.16	Should be skipped
N	4,812	54.35	4,901,337	66.18	Valid skip
1	602	6.80	367,855	4.97	Marked
2	3,422	38.65	2,124,253	28.68	Not marked

**S16BC08F -****Why not try make appt at civ provider? Inconvenient location**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	5	0.06	2,158	0.03	Should be skipped
N	4,824	54.49	4,911,281	66.32	Valid skip
1	142	1.60	107,572	1.45	Marked
2	3,882	43.85	2,384,536	32.20	Not marked

**S16BC09 -****Were you asked to call back at a future date when appts might be available at an MTF**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	137	1.55	75,634	1.02	Did not answer
C	117	1.32	89,996	1.22	Should be skipped
N	7,943	89.72	6,886,018	92.98	Valid skip
1	389	4.39	213,165	2.88	Yes
2	267	3.02	140,733	1.90	No

**S16BC10 -****Were you asked to call back at a future date when appts might be available at a civilian facility**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	138	1.56	141,405	1.91	Did not answer
C	63	0.71	64,809	0.88	Should be skipped
N	8,481	95.80	7,043,107	95.11	Valid skip
1	83	0.94	64,209	0.87	Yes
2	88	0.99	92,017	1.24	No

**S16BF1 -****Have you heard of e-cigarettes before today?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,696	86.93	6,355,231	85.82	Did not answer
D	10	0.11	9,684	0.13	Don't know
1	992	11.21	879,926	11.88	Yes
2	155	1.75	160,706	2.17	No

**S16BF2 -****Have you ever used an e-cigarette?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,685	86.81	6,336,052	85.56	Did not answer
C	35	0.40	55,503	0.75	Should be skipped
D	2	0.02	5,235	0.07	Don't know
N	130	1.47	114,887	1.55	Valid skip
1	488	5.51	417,997	5.64	Yes
2	513	5.79	475,874	6.43	No

**S16BF3 -****How many times in your life have you used an e-cigarette?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,686	86.82	6,335,691	85.55	Did not answer
C	19	0.21	30,258	0.41	Should be skipped
D	18	0.20	8,301	0.11	Don't know
N	661	7.47	621,240	8.39	Valid skip
1	188	2.12	187,005	2.53	1-10
2	69	0.78	42,347	0.57	11-20
3	52	0.59	43,578	0.59	21-50
4	160	1.81	137,126	1.85	Over 50 times

**S16BF4 -****How often do you use e-cigarettes?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,672	86.66	6,315,721	85.28	Did not answer
C	82	0.93	132,762	1.79	Should be skipped
D	4	0.05	1,408	0.02	Don't know
N	598	6.75	518,737	7.00	Valid skip
1	43	0.49	33,431	0.45	Every day
2	132	1.49	112,018	1.51	Some days
3	322	3.64	291,470	3.94	Not at all

**S16BF5 -****Did you use flavored e-cigarettes in the past 30 days?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,672	86.66	6,315,721	85.28	Did not answer
C	65	0.73	105,496	1.42	Should be skipped
D	2	0.02	868	0.01	Don't know
N	949	10.72	860,644	11.62	I didn't use any electronic cigarettes in the past 30 days/v
1	125	1.41	103,847	1.40	Yes
2	40	0.45	18,970	0.26	No

**S16BF6 -****Did you completely switch to e-cigarettes in the past 12 months?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,672	86.66	6,315,526	85.28	Did not answer
C	61	0.69	92,907	1.25	Should be skipped
N	945	10.67	851,470	11.50	Valid skip
1	83	0.94	77,664	1.05	Yes
2	92	1.04	67,981	0.92	No

**ONTIME -****Responded within 8 weeks of mail-out**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
YES	8,853	100.00	7,405,547	100.00	Yes

**FLAG\_FIN -****Final disposition**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,853	100.00	7,405,547	100.00	Returned survey

**DUPFLAG -****Multiple response indicator**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
NO	8,823	99.66	7,374,614	99.58	No
YES	30	0.34	30,933	0.42	Yes

**FNSTATUS -****Final status**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
11	8,853	100.00	7,405,547	100.00	Elig,return complete

**KEYCOUNT -****Number of key questions answered**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10	59	0.67	42,255	0.57	10
11	4	0.05	5,414	0.07	11
12	4	0.05	2,692	0.04	12
13	7	0.08	10,024	0.14	13
14	19	0.21	19,460	0.26	14
15	9	0.10	13,767	0.19	15
16	42	0.47	39,025	0.53	16
17	54	0.61	62,118	0.84	17
18	188	2.12	171,482	2.32	18
19	673	7.60	624,930	8.44	19
20	7,794	88.04	6,414,380	86.62	20

**WEB -****Web survey indicator**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	1,942	21.94	2,237,468	30.21	No
1	6,911	78.06	5,168,079	69.79	Yes

**EMAILRES -****Email response**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	8,844	99.90	7,397,664	99.89	No email information
Additional email	3	0.03	1,995	0.03	Additional email
Potential complete	4	0.05	5,331	0.07	Potential complete
Problem with link	2	0.02	557	0.01	Problem with link

**SURVTYPE -****Web or Mail Survey**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
2	6,911	78.06	5,168,079	69.79	Web survey
8	1,942	21.94	2,237,468	30.21	Mail survey

**N1 -**  
**Coding Scheme Note 1**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,475	95.73	7,051,320	95.22	1
2	17	0.19	27,699	0.37	2
3	329	3.72	284,009	3.84	3
4	32	0.36	42,520	0.57	4

**N2 -**  
**Coding Scheme Note 2**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	132	1.49	146,630	1.98	1
2	26	0.29	29,034	0.39	2
3	35	0.40	40,271	0.54	3
4	3,582	40.46	3,126,438	42.22	4
5	20	0.23	33,422	0.45	5
6	89	1.01	90,849	1.23	6
7	4,960	56.03	3,922,243	52.96	7
8	9	0.10	16,659	0.22	8

**N3 -**  
**Coding Scheme Note 3**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	181	2.04	238,658	3.22	1
2	20	0.23	31,615	0.43	2
3	48	0.54	41,236	0.56	3
4	7,283	82.27	6,077,561	82.07	4
5	5	0.06	2,706	0.04	5
6	49	0.55	75,588	1.02	6
7	1,254	14.16	924,900	12.49	7
8	13	0.15	13,282	0.18	8

**N3\_BC1 -**  
**Coding Scheme Note 3\_BC1**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,295	59.81	2,700,947	36.47	1
2	3,514	39.69	4,657,117	62.89	2
3	44	0.50	47,483	0.64	3



**N3\_BC2 -**  
**Coding Scheme Note 3\_BC2**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,339	60.31	2,748,430	37.11	1
2	3,514	39.69	4,657,117	62.89	2

**N3\_BC3 -**  
**Coding Scheme Note 3\_BC3**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,288	37.14	1,676,476	22.64	1
2	5,565	62.86	5,729,071	77.36	2

**N3\_BC4 -**  
**Coding Scheme Note 3\_BC4**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,514	39.69	4,657,117	62.89	1
2	647	7.31	347,093	4.69	2
3	4,546	51.35	2,318,898	31.31	3
4	146	1.65	82,439	1.11	4

**N3\_BC5 -**  
**Coding Scheme Note 3\_BC5**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,751	53.67	4,819,675	65.08	1
2	4,024	45.45	2,492,108	33.65	2
4	78	0.88	93,763	1.27	4

**N3\_BC6 -**  
**Coding Scheme Note 3\_BC6**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,829	54.55	4,913,439	66.35	1
2	4,024	45.45	2,492,108	33.65	2

**N3\_BC7 -**  
**Coding Scheme Note 3\_BC7**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,936	44.46	4,200,619	56.72	1
2	4,917	55.54	3,204,928	43.28	2

**N3\_BC8 -**  
**Coding Scheme Note 3\_BC8**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,024	45.45	2,492,108	33.65	1
2	158	1.78	135,427	1.83	2
3	4,520	51.06	4,615,808	62.33	3
4	151	1.71	162,204	2.19	4

**N4 -**  
**Coding Scheme Note 4**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,366	15.43	1,053,478	14.23	1
3	7,462	84.29	6,319,859	85.34	3
4	11	0.12	15,223	0.21	4
5	14	0.16	16,986	0.23	5

**N5 -**  
**Coding Scheme Note 5**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,366	15.43	1,053,478	14.23	1
2	4,210	47.55	3,556,339	48.02	2
3	62	0.70	93,941	1.27	3
4	9	0.10	20,294	0.27	4
5	3,142	35.49	2,594,164	35.03	5
6	64	0.72	87,332	1.18	6

**N6 -**  
**Coding Scheme Note 6**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,316	71.34	5,773,194	77.96	1
2	37	0.42	44,560	0.60	2
3	4	0.05	1,322	0.02	3
4	3	0.03	3,506	0.05	4
5	2,491	28.14	1,578,438	21.31	5
7	2	0.02	4,528	0.06	7

**N7 -**  
**Coding Scheme Note 7**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,494	28.17	1,581,944	21.36	1
2	567	6.40	478,147	6.46	2
3	2	0.02	841	0.01	3
4	5,790	65.40	5,344,614	72.17	4

**N8 -**  
**Coding Scheme Note 8**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,063	34.60	2,060,933	27.83	1
2	4,138	46.74	3,783,151	51.09	2
3	91	1.03	137,486	1.86	3
4	1,448	16.36	1,277,393	17.25	4
5	113	1.28	146,584	1.98	5

**N8\_01 -**  
**Coding Scheme Note 8\_01**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,494	28.17	1,581,944	21.36	1
2	1,325	14.97	1,730,869	23.37	2
3	4,912	55.48	3,931,073	53.08	3
4	122	1.38	161,661	2.18	4

**N9 -**  
**Coding Scheme Note 9**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,223	59.00	4,441,528	59.98	1
2	40	0.45	55,122	0.74	2
3	3,576	40.39	2,893,535	39.07	3
4	5	0.06	9,738	0.13	4
5	9	0.10	5,624	0.08	5

**N10 -**  
**Coding Scheme Note 10**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,581	40.45	2,903,273	39.20	1
2	5,059	57.14	4,315,354	58.27	2
3	7	0.08	13,715	0.19	3
4	152	1.72	96,671	1.31	4
5	54	0.61	76,534	1.03	5

**N10\_B1 -**  
**Coding Scheme Note 10\_B1**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,035	11.69	814,480	11.00	1
2	175	1.98	263,758	3.56	2
3	7,634	86.23	6,318,580	85.32	3
5	9	0.10	8,729	0.12	5

**N11 -**  
**Coding Scheme Note 11**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,531	73.77	5,490,986	74.15	1
2	8	0.09	9,336	0.13	2
3	39	0.44	49,038	0.66	3
4	2,209	24.95	1,786,171	24.12	4
5	66	0.75	70,015	0.95	5

**N12 -**  
**Coding Scheme Note 12**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,790	31.51	2,250,126	30.38	1
2	23	0.26	21,540	0.29	2
3	66	0.75	88,694	1.20	3
4	5,902	66.67	4,976,139	67.19	4
5	72	0.81	69,048	0.93	5

**N13 -**  
**Coding Scheme Note 13**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,280	14.46	1,033,308	13.95	1
2	25	0.28	9,711	0.13	2
3	136	1.54	217,439	2.94	3
4	7,344	82.95	6,087,415	82.20	4
5	68	0.77	57,674	0.78	5

**N14 -****Coding Scheme Note 14**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,411	15.94	1,360,520	18.37	1
2	9	0.10	9,396	0.13	2
3	334	3.77	420,058	5.67	3
4	7,034	79.45	5,559,997	75.08	4
5	65	0.73	55,577	0.75	5

**N15 -****Coding Scheme Note 15**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,294	25.91	1,798,037	24.28	1
2	17	0.19	13,781	0.19	2
3	98	1.11	158,436	2.14	3
4	6,375	72.01	5,363,303	72.42	4
5	69	0.78	71,990	0.97	5

**N16 -****Coding Scheme Note 16**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,200	24.85	1,666,261	22.50	1
2	13	0.15	11,854	0.16	2
3	38	0.43	57,103	0.77	3
4	6,529	73.75	5,594,936	75.55	4
5	73	0.82	75,392	1.02	5

**N17 -****Coding Scheme Note 17**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,555	40.16	3,450,569	46.59	1
2	25	0.28	43,499	0.59	2
3	71	0.80	83,018	1.12	3
4	3,334	37.66	2,400,623	32.42	4
5	1,795	20.28	1,356,331	18.32	5
6	73	0.82	71,507	0.97	6

**N18 -****Coding Scheme Note 18**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,110	12.54	924,091	12.48	1
2	7,721	87.21	6,449,465	87.09	2
3	22	0.25	31,991	0.43	3

**N18\_BF1 -****Coding Scheme Note 18\_BF1**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	486	5.49	415,427	5.61	1
2	515	5.82	481,109	6.50	2
3	1	0.01	1,116	0.02	3
4	4	0.05	826	0.01	4
5	165	1.86	170,390	2.30	5
6	1	0.01	1,454	0.02	6
8	7,681	86.76	6,335,226	85.55	8

**N18\_BF2 -****Coding Scheme Note 18\_BF2**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	7,847	88.64	6,461,170	87.25	1
2	326	3.68	292,878	3.95	2
3	680	7.68	651,499	8.80	3

**N19A -****Coding Scheme Note 19A**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	9	0.10	7,867	0.11	1
2	31	0.35	16,555	0.22	2
3	2	0.02	1,108	0.01	3
4	52	0.59	51,776	0.70	4
8	4,502	50.85	3,632,451	49.05	8
9	6	0.07	11,990	0.16	9
10	31	0.35	43,554	0.59	10
11	4,140	46.76	3,542,956	47.84	11
12	1	0.01	441	0.01	12
13	79	0.89	96,848	1.31	13

**N19B -  
Coding Scheme Note 19B**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,555	51.45	3,684,668	49.76	1
2	33	0.37	44,663	0.60	2
3	4,265	48.18	3,676,217	49.64	3

**N20 -  
Coding Scheme Note 20**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,588	51.82	3,729,331	50.36	1
2	2,626	29.66	2,350,465	31.74	2
3	1,524	17.21	1,209,764	16.34	3
4	2	0.02	498	0.01	4
5	22	0.25	17,742	0.24	5
6	91	1.03	97,747	1.32	6

**N21 -  
Coding Scheme Note 21**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,588	51.82	3,729,331	50.36	1
2	29	0.33	36,366	0.49	2
4	67	0.76	54,737	0.74	4
5	61	0.69	33,092	0.45	5
6	209	2.36	128,128	1.73	6
7	3,771	42.60	3,266,149	44.10	7
12	128	1.45	157,744	2.13	12

**N22 -  
Coding Scheme Note 22**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,599	40.65	3,025,892	40.86	1
2	108	1.22	125,001	1.69	2
3	5,028	56.79	4,149,101	56.03	3
4	118	1.33	105,554	1.43	4

**N23 -****Coding Scheme Note 23**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,472	61.81	4,880,355	65.90	1
2	39	0.44	47,279	0.64	2
3	3,221	36.38	2,363,060	31.91	3
4	121	1.37	114,853	1.55	4

**N23\_HT -****Coding Scheme Note 23\_HT**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,641	97.61	7,214,670	97.42	1
2	212	2.39	190,877	2.58	2

**N23\_WT -****Coding Scheme Note 23\_WT**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,707	98.35	7,253,778	97.95	1
2	146	1.65	151,769	2.05	2

**N24 -****Coding Scheme Note 24**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	307	3.47	214,548	2.90	1
2	305	3.45	230,496	3.11	2
3	260	2.94	202,371	2.73	3
4	17	0.19	13,782	0.19	4
5	7,625	86.13	6,465,142	87.30	5
6	339	3.83	279,208	3.77	6

**N25 -****Coding Scheme Note 25**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,083	12.23	2,486,507	33.58	1
2	7,647	86.38	4,819,749	65.08	2
3	11	0.12	23,007	0.31	3
4	112	1.27	76,284	1.03	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	8,853	100.00	7,405,547	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	8,853	100.00	7,405,547	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	5,684	64.20	4,578,500	61.83	0 times
1	2,239	25.29	1,875,438	25.32	1 time
2	760	8.58	730,634	9.87	2 times
3	139	1.57	184,466	2.49	3 times
4	26	0.29	26,536	0.36	4 times
5	4	0.05	4,780	0.06	5 times
6	1	0.01	5,191	0.07	6 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	7,873	88.93	6,377,818	86.12	0 times
1	606	6.85	586,920	7.93	1 time
2	206	2.33	207,573	2.80	2 times
3	69	0.78	91,328	1.23	3 times
4	39	0.44	51,347	0.69	4 times
5	27	0.30	41,106	0.56	5 times
6	14	0.16	20,849	0.28	6 times
7	6	0.07	9,041	0.12	7 times
8	5	0.06	2,417	0.03	8 times
9	4	0.05	13,566	0.18	9 times
12	1	0.01	247	0.00	12 times
15	2	0.02	2,323	0.03	15 times
18	1	0.01	1,012	0.01	18 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	8,853	100.00	7,405,547	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	6,911	78.06	5,168,079	69.79	0 times
3	2	0.02	964	0.01	3 times
6	1	0.01	1,174	0.02	6 times
9	2	0.02	1,156	0.02	9 times
10	2	0.02	2,255	0.03	10 times
11	1	0.01	730	0.01	11 times
12	2	0.02	1,056	0.01	12 times
13	1	0.01	34	0.00	13 times
14	1	0.01	218	0.00	14 times
15	4	0.05	4,025	0.05	15 times
16	2	0.02	1,601	0.02	16 times
18	1	0.01	2,098	0.03	18 times
19	5	0.06	15,888	0.21	19 times
20	3	0.03	1,172	0.02	20 times
21	3	0.03	1,177	0.02	21 times
22	1	0.01	1,116	0.02	22 times
23	6	0.07	6,155	0.08	23 times
24	3	0.03	1,513	0.02	24 times
25	4	0.05	2,766	0.04	25 times
26	8	0.09	10,447	0.14	26 times
27	1	0.01	2,886	0.04	27 times
28	14	0.16	16,890	0.23	28 times
29	15	0.17	23,966	0.32	29 times
30	11	0.12	12,293	0.17	30 times
31	10	0.11	14,363	0.19	31 times
32	16	0.18	17,309	0.23	32 times
33	11	0.12	9,313	0.13	33 times
34	15	0.17	19,389	0.26	34 times
35	24	0.27	26,081	0.35	35 times
36	22	0.25	18,961	0.26	36 times
37	33	0.37	40,895	0.55	37 times
38	39	0.44	50,971	0.69	38 times
39	43	0.49	64,319	0.87	39 times
40 -- 109	1,636	18.48	1,864,288	25.17	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	4,141	46.78	3,015,602	40.72	0 times
1	1,885	21.29	1,374,070	18.55	1 time
2	684	7.73	553,519	7.47	2 times
3	172	1.94	197,921	2.67	3 times
4	26	0.29	25,478	0.34	4 times
5	3	0.03	447	0.01	5 times
6	1	0.01	1,698	0.02	6 times
7	1	0.01	308	0.00	7 times
10	1	0.01	41	0.00	10 times
11	2	0.02	3,388	0.05	11 times
12	3	0.03	1,813	0.02	12 times
13	2	0.02	1,131	0.02	13 times
15	2	0.02	689	0.01	15 times
16	3	0.03	612	0.01	16 times
18	1	0.01	1,231	0.02	18 times
20	3	0.03	2,776	0.04	20 times
21	5	0.06	4,007	0.05	21 times
22	2	0.02	2,495	0.03	22 times
23	3	0.03	2,340	0.03	23 times
24	2	0.02	6,820	0.09	24 times
25	3	0.03	2,263	0.03	25 times
26	5	0.06	2,993	0.04	26 times
27	2	0.02	1,157	0.02	27 times
28	8	0.09	7,019	0.09	28 times
29	10	0.11	19,124	0.26	29 times
30	10	0.11	9,212	0.12	30 times
31	14	0.16	19,927	0.27	31 times
32	12	0.14	27,831	0.38	32 times
33	14	0.16	7,607	0.10	33 times
34	15	0.17	14,050	0.19	34 times
35	23	0.26	34,598	0.47	35 times
36	22	0.25	17,953	0.24	36 times
37	21	0.24	28,065	0.38	37 times
38	34	0.38	37,217	0.50	38 times
39	39	0.44	50,989	0.69	39 times
40 -- 110	1,679	18.97	1,929,156	26.05	40 or more times

**JSFLAG -****Joint Service Flag**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,616	97.32	7,120,290	96.15	Not Joint Service
1	237	2.68	285,258	3.85	Joint Service

**XENRLLMT -  
Enrollment in TRICARE prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	40,606	0.55	Missing/Unknown
1	2,289	25.86	1,438,982	19.43	Active Duty - under 65
2	4,258	48.10	2,139,860	28.90	Enrolled - under 65
3	1,607	18.15	1,587,530	21.44	Not enrolled - under 65
4	574	6.48	1,937,169	26.16	Not enrolled - 65 or over
5	71	0.80	261,400	3.53	Enrolled - 65 or over

**XENR\_PCM -  
Enrollment by PCM type**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	40,606	0.55	Missing/Unknown
1	2,289	25.86	1,438,982	19.43	Active Duty - under 65
2	3,621	40.90	1,348,196	18.21	Enrolled - under 65, Mil PCM
3	637	7.20	791,663	10.69	Enrolled - under 65, Civ PCM
4	1,607	18.15	1,587,530	21.44	Not enrolled - under 65
5	574	6.48	1,937,169	26.16	Not enrolled - 65 or over
6	55	0.62	207,260	2.80	Enrolled - 65 or over, Mil PCM
7	16	0.18	54,140	0.73	Enrolled - 65 or over, Civ PCM

**XINS\_COV -  
Insurance coverage**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	276	3.12	192,962	2.61	Missing/Unknown
1	2,289	25.86	1,438,982	19.43	Prime-under 65 Active Duty
2	3,698	41.77	1,848,637	24.96	Prime-under 65 Non-active Duty
3	707	7.99	615,474	8.31	Standard/Extra
4	710	8.02	1,951,139	26.35	Medicare
5	693	7.83	713,818	9.64	Other civilian insurance
6	3	0.03	11,114	0.15	Prime, 65 or over
7	58	0.66	30,381	0.41	TRICARE Plus
8	279	3.15	268,971	3.63	Veterans Administration (VA)
9	51	0.58	213,670	2.89	TRICARE Reserve Select
10	66	0.75	58,048	0.78	TRICARE Retired Reserve
13	15	0.17	46,502	0.63	TRICARE Young Adult Prime
14	8	0.09	15,849	0.21	TRICARE Young Adult Standard/Extra

**XBENCAT -  
Beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	9	0.10	20,473	0.28	Missing/Other
1	2,013	22.74	1,278,057	17.26	Active Duty
2	1,454	16.42	823,130	11.12	Dependent of Active Duty
3	264	2.98	156,301	2.11	Active Reservist
4	194	2.19	105,796	1.43	Dependent of Active Reservist
5	41	0.46	139,862	1.89	Inactive Reservist
6	44	0.50	105,122	1.42	Dependent of Inactive Reservist
7	4,137	46.73	2,538,277	34.28	Retired or dependent<65
8	697	7.87	2,238,530	30.23	Retired or dependent>65

**XENR\_RSV -  
Enrollment by PCM type - reservist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	40,606	0.55	Missing/Unknown
1	2,011	22.72	1,277,412	17.25	Active Duty - under 65
2	3,621	40.90	1,348,196	18.21	Enrolled - under 65, Mil PCM
3	637	7.20	791,663	10.69	Enrolled - under 65, Civ PCM
4	1,607	18.15	1,587,530	21.44	Not enrolled - under 65
5	574	6.48	1,937,169	26.16	Not enrolled - 65 or over
6	55	0.62	207,260	2.80	Enrolled - 65 or over,Mil PCM
7	16	0.18	54,140	0.73	Enrolled - 65 or over,Civ PCM
8	278	3.14	161,570	2.18	Reservists - under 65

**XINS\_RSV -****Insurance coverage - reservist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	276	3.12	192,962	2.61	Missing/Unknown
1	2,011	22.72	1,277,412	17.25	Prime-under 65 Active Duty
2	3,698	41.77	1,848,637	24.96	Prime-under 65 Non-active Duty
3	707	7.99	615,474	8.31	Standard/Extra
4	710	8.02	1,951,139	26.35	Medicare
5	693	7.83	713,818	9.64	Other civilian insurance
6	3	0.03	11,114	0.15	Prime,65 or over
7	58	0.66	30,381	0.41	TRICARE Plus
8	279	3.15	268,971	3.63	Veterans Administration (VA)
9	51	0.58	213,670	2.89	TRICARE Reserve Select
10	278	3.14	161,570	2.18	Prime-under 65 Reservists
11	66	0.75	58,048	0.78	TRICARE Retired Reserve
14	15	0.17	46,502	0.63	TRICARE Young Adult Prime
15	8	0.09	15,849	0.21	TRICARE Young Adult Standard/Extra

**XREGION -****Region**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	188	2.12	89,502	1.21	Missing data
1	1,018	11.50	1,013,437	13.68	Northeast
2	676	7.64	727,031	9.82	Mid-Atlantic
3	836	9.44	964,730	13.03	Southeast
4	739	8.35	550,294	7.43	Gulfsouth
5	530	5.99	624,514	8.43	Heartland
6	965	10.90	869,581	11.74	Southwest
7	493	5.57	319,276	4.31	Central 7
8	1,098	12.40	773,062	10.44	Central 8
9	724	8.18	437,569	5.91	Southern California
10	203	2.29	175,203	2.37	Golden Gate
11	341	3.85	369,921	5.00	Northwest
12	127	1.43	115,595	1.56	Hawaii
13	407	4.60	124,786	1.69	Europe
14	287	3.24	143,165	1.93	Western Pacific Command
15	110	1.24	39,638	0.54	TRICARE Latin America
16	111	1.25	68,243	0.92	Alaska

**XTNEXREG -****TRICARE next generation of contracts region grouping**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,246	25.37	2,395,469	32.35	North
2	2,545	28.75	2,396,447	32.36	South
3	3,103	35.05	2,272,589	30.69	West
4	959	10.83	341,041	4.61	Overseas

**USA -****CONUS/OCONUS indicator**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	188	2.12	89,502	1.21	Invalid/Missing
0	804	9.08	307,589	4.15	Not in USA
1	7,861	88.79	7,008,456	94.64	In USA

**XOCONUS -****Overseas Europe/Pacific/Latin indicator**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,049	90.92	7,097,958	95.85	In Conus/Missing Region
1	407	4.60	124,786	1.69	Europe
2	287	3.24	143,165	1.93	Western Pacific
3	110	1.24	39,638	0.54	Latin America

**OUTCATCH -****Out of catchment area indicator**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	6,551	74.00	4,013,926	54.20	Catchment areas
1	2,302	26.00	3,391,621	45.80	Out of catchment areas

**XSEX -****Male or female (recode)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,588	51.82	3,729,331	50.36	Male
2	4,265	48.18	3,676,217	49.64	Female

**XBMI -  
Body mass index**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	645	7.29	571,493	7.72	Missing
16.000 -- 22.100	1,046	11.82	888,034	11.99	Minimum to 10th Percentile
22.200 -- 23.400	678	7.66	626,241	8.46	>10th to 25th Percentile
23.500 -- 27.400	2,819	31.84	2,272,164	30.68	>25th to 50th Percentile
27.500 -- 30.400	1,722	19.45	1,404,321	18.96	>50th to 75th Percentile
30.500 -- 34.400	1,242	14.03	1,029,583	13.90	>75th to 90th Percentile
34.500 -- 50.800	701	7.92	613,710	8.29	>90th to 100th Percentile

**XBMICAT -  
Body mass index category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	645	7.29	571,493	7.72	Missing data
1	63	0.71	45,512	0.61	Underweight
2	2,594	29.30	2,256,839	30.47	Normal weight
3	3,325	37.56	2,640,419	35.65	Overweight
4	2,082	23.52	1,742,380	23.53	Obese
5	144	1.63	148,904	2.01	Morbidly obese

**XBNFGRP -  
Constructed beneficiary group**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	39	0.44	225,452	3.04	TRS/Missing/Unknown
1	2,289	25.86	1,438,982	19.43	Active Duty <65
2	1,682	19.00	943,834	12.74	Family of Active <65
3	4,198	47.42	2,598,710	35.09	Ret/Surv/Fam <65
4	645	7.29	2,198,570	29.69	Ret/Surv/Fam 65+

**XSERVAFF -  
Service affiliation**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,452	16.40	1,454,507	19.64	Army
2	3,258	36.80	1,147,886	15.50	Air Force
3	1,660	18.75	1,136,630	15.35	Navy
4	2,302	26.00	3,445,755	46.53	Other
5	181	2.04	220,769	2.98	Joint Service



**KMILOPQY -****Outpatient visits to military facility**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	44	0.50	37,866	0.51	No response
1	4,745	53.60	5,335,542	72.05	None
2	604	6.82	274,755	3.71	1 visit
3	862	9.74	432,397	5.84	2 visits
4	779	8.80	398,543	5.38	3 visits
5	655	7.40	307,767	4.16	4 visits
6	820	9.26	401,227	5.42	5 to 9 visits
7	344	3.89	217,449	2.94	10 or more visits

**KCIVOPQY -****Outpatient visits to civilian facility**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	41	0.46	53,128	0.72	No response
1	5,513	62.27	3,149,938	42.53	None
2	350	3.95	434,348	5.87	1 visit
3	568	6.42	747,486	10.09	2 visits
4	544	6.14	691,425	9.34	3 visits
5	552	6.24	692,235	9.35	4 visits
6	837	9.45	1,092,965	14.76	5 to 9 visits
7	448	5.06	544,020	7.35	10 or more visits

**KCIVINS -****Beneficiary covered by civilian insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	706	7.97	743,067	10.03	Yes
2	8,147	92.03	6,662,480	89.97	No

**HP\_PRNTL -****Pregnant in last year received care in 1st trimester**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3,934	44.44	3,466,582	46.81	Missing/Unknown/3 mnths prg now/not prg past yr
N	4,588	51.82	3,729,331	50.36	NA - male
1	295	3.33	182,081	2.46	Yes
2	36	0.41	27,553	0.37	No

**HP\_MAMOG -****Women age 40 and over: mammography in past 2 years**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6,306	71.23	5,144,327	69.47	Missing/Unknown/NA
1	2,155	24.34	1,886,238	25.47	Yes
2	392	4.43	374,983	5.06	No

**HP\_MAM50 -****Women age 50 and over: mammography in past 2 years**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6,991	78.97	5,521,432	74.56	Missing/Unknown/NA
1	1,620	18.30	1,597,010	21.57	Yes
2	242	2.73	287,106	3.88	No

**HP\_PAP -****All women: pap smear in last 3 years**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,738	53.52	3,880,913	52.41	Missing/Unknown/NA
1	3,247	36.68	2,483,144	33.53	Yes
2	868	9.80	1,041,491	14.06	No

**HP\_BP -****Blood pressure check in last 2 years and know results**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	136	1.54	133,889	1.81	Unknown
1	8,253	93.22	6,896,456	93.13	Yes
2	464	5.24	375,202	5.07	No

**HP\_FLU -****Age 65 and older: flu shot in last 12 months**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,159	92.16	5,182,713	69.98	Missing/Unknown/NA
1	546	6.17	1,770,158	23.90	Yes
2	148	1.67	452,676	6.11	No

**HP\_OBESE -****Obese or morbidly obese**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	645	7.29	571,493	7.72	Missing/Unknown/NA
1	2,226	25.14	1,891,284	25.54	Yes
2	5,982	67.57	4,942,770	66.74	No

**HP\_SMOKE –****Advised to quit smoking in last 12 months**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,811	88.23	6,519,340	88.03	Missing/Unknown/NA
1	850	9.60	691,307	9.33	Yes
2	192	2.17	194,900	2.63	No

**HP\_SMKH3 –****Smoker under HEDIS definition (modified)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	284	3.21	240,214	3.24	Missing/Unknown/NA
1	679	7.67	546,344	7.38	Yes
2	7,890	89.12	6,618,989	89.38	No

**HP\_CESH3 –****Had smoking cessation counseling - HEDIS (modified)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,834	88.49	6,555,649	88.52	Missing/Unknown/NA
1	840	9.49	681,454	9.20	Yes
2	179	2.02	168,444	2.27	No

**XCATCH –****XCATCH - Catchment area (reporting)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	56	0.63	10,264	0.14	Fox AHC-Redstone Arsenal
3	45	0.51	12,737	0.17	Lyster AHC-Ft. Rucker
4	50	0.56	11,032	0.15	42nd Medical Group-Maxwell
5	33	0.37	18,841	0.25	Bassett ACH-Ft. Wainwright
6	57	0.64	29,796	0.40	3rd Med Grp-Elmendorf
8	98	1.11	8,107	0.11	R W Bliss AHC-Ft. Huachuca
9	53	0.60	17,779	0.24	56th Med Grp-Luke
10	51	0.58	16,723	0.23	355th Med Grp-Davis Monthan
13	46	0.52	10,138	0.14	19th Medical Group-Little Rock
14	70	0.79	62,328	0.84	60th Med Grp-Travis
18	65	0.73	5,027	0.07	30th Med Grp-Vandenberg
19	78	0.88	5,126	0.07	95th Med Grp-Edwards
24	59	0.67	103,609	1.40	NH Camp Pendleton
26	51	0.58	6,037	0.08	NBHC Port Hueneme
28	44	0.50	22,089	0.30	NH LeMoore
29	84	0.95	144,135	1.95	NMC San Diego
30	39	0.44	20,455	0.28	NH Twentynine Palms
32	66	0.75	102,624	1.39	Evans ACH-Ft. Carson

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
33	51	0.58	18,699	0.25	10th Med Group-USAF Academy CO
38	65	0.73	66,699	0.90	NH Pensacola
39	67	0.76	114,354	1.54	NH Jacksonville
42	59	0.67	49,680	0.67	96th Med Grp-Eglin
43	99	1.12	9,778	0.13	325th Med Grp-Tyndall
45	47	0.53	34,821	0.47	6th Med Grp-MacDill
46	123	1.39	11,006	0.15	45th Med Grp-Patrick
47	56	0.63	42,438	0.57	Eisenhower AMC-Ft. Gordon
48	37	0.42	78,479	1.06	Martin ACH-Ft. Benning
49	34	0.38	62,004	0.84	Winn ACH-Ft. Stewart
51	45	0.51	10,858	0.15	78th Med Grp-Robins
52	57	0.64	90,426	1.22	Tripler AMC-Ft. Shafter
53	66	0.75	12,246	0.17	366th Med Grp-Mountain Home
55	51	0.58	14,899	0.20	375th Med Grp-Scott
56	51	0.58	47,763	0.64	FHCC-Formerly NHC Great Lakes
57	49	0.55	57,600	0.78	Irwin ACH-Ft. Riley
58	49	0.55	11,773	0.16	Munson AHC-Ft. Leavenworth
60	47	0.53	68,930	0.93	Blanchfield ACH-Ft. Campbell
61	63	0.71	47,592	0.64	Ireland ACH-Ft. Knox
62	36	0.41	11,697	0.16	2nd Med Grp-Barksdale
64	31	0.35	15,974	0.22	Bayne-Jones ACH-Ft. Polk
66	52	0.59	24,999	0.34	779th Med Grp-Andrews
67	105	1.19	115,657	1.56	Walter Reed Natl Mil Med Cntr
68	44	0.50	10,872	0.15	NHC Patuxent River
69	43	0.49	47,875	0.65	Kimbrough Amb Car Cen-Ft Meade
73	56	0.63	35,433	0.48	81st Med Grp-Keesler
74	72	0.81	3,255	0.04	14th Med Grp-Columbus
75	37	0.42	27,095	0.37	L. Wood ACH-Ft. Leonard Wood
76	71	0.80	8,217	0.11	509th Med Grp-Whiteman
77	81	0.91	7,004	0.09	341st Med Grp-Malmstrom
78	54	0.61	23,298	0.31	55th Med Grp-Offutt
79	71	0.80	58,896	0.80	99th Med Grp-O'Callaghan Hosp
83	76	0.86	10,368	0.14	377th Med Grp-Kirtland
86	42	0.47	28,142	0.38	Keller ACH-West Point
89	49	0.55	117,963	1.59	Womack AMC-Ft. Bragg
91	52	0.59	81,892	1.11	NH Camp Lejeune
92	34	0.38	18,737	0.25	NHC Cherry Point
94	58	0.66	9,102	0.12	5th Med Grp-Minot
95	68	0.77	40,118	0.54	88th Med Grp-Wright-Patterson
96	50	0.56	14,789	0.20	72nd Med Grp-Tinker

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
98	38	0.43	38,460	0.52	Reynolds ACH-Ft. Sill
100	43	0.49	18,217	0.25	Naval Hlth Clinic New England
101	39	0.44	10,108	0.14	20th Med Grp-Shaw
104	23	0.26	16,920	0.23	NH Beaufort
105	37	0.42	41,919	0.57	Moncrief ACH-Ft. Jackson
108	35	0.40	62,396	0.84	William Beaumont AMC-Ft. Bliss
109	76	0.86	115,958	1.57	Brooke AMC-Ft. Sam Houston
110	54	0.61	139,228	1.88	Darnall ACH-Ft. Hood
112	62	0.70	7,725	0.10	7th Med Grp-Dyess
113	71	0.80	8,779	0.12	82nd Med Grp-Sheppard
117	45	0.51	33,916	0.46	59th Med Wing-Lackland
118	75	0.85	10,511	0.14	NHC Corpus Christi
119	53	0.60	11,214	0.15	75th Med Grp-Hill
120	67	0.76	57,124	0.77	633rd Med Grp Langley-Eustis
121	49	0.55	16,418	0.22	McDonald AHC-Ft. Eustis
122	50	0.56	14,737	0.20	Kenner AHC-Ft. Lee
123	125	1.41	167,007	2.26	Ft Belvoir Community Hosp-FBCH
124	104	1.17	191,222	2.58	NMC Portsmouth
125	65	0.73	156,111	2.11	Madigan AMC-Ft. Lewis
126	50	0.56	40,475	0.55	NH Bremerton
127	45	0.51	17,120	0.23	NH Oak Harbor
128	87	0.98	7,739	0.10	92nd Med Grp-Fairchild
129	61	0.69	6,601	0.09	90th Med Grp-F.E. Warren
131	34	0.38	7,173	0.10	Weed ACH-Ft. Irwin
231	55	0.62	13,261	0.18	NBHC NAS North Island
248	52	0.59	6,004	0.08	61st Med Group-Los Angeles
252	63	0.71	16,668	0.23	21st Med Grp-Peterson
280	63	0.71	19,662	0.27	NHC Hawaii
287	24	0.27	14,548	0.20	15th Med Grp-Hickam
306	56	0.63	11,994	0.16	NHC Annapolis
310	76	0.86	4,356	0.06	66th Med Grp-Hanscom
364	69	0.78	6,468	0.09	17th Med Grp-Goodfellow
366	65	0.73	16,558	0.22	359th Med Grp-Randolph
378	51	0.58	13,032	0.18	NBHC Little Creek
385	52	0.59	16,994	0.23	NHC Quantico
387	41	0.46	9,222	0.12	NBHC Oceana
405	36	0.41	11,509	0.16	NBHC Mayport
407	39	0.44	9,806	0.13	NBHC NTC San Diego
508	63	0.71	15,603	0.21	NBHC Navsta Sewells
607	39	0.44	28,150	0.38	Landstuhl Regional Medcen
609	28	0.32	25,443	0.34	Bavaria Meddac
612	40	0.45	30,575	0.41	Brian Allgood ACH-Seoul
620	52	0.59	8,958	0.12	NH Guam-Agana

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
621	31	0.35	23,223	0.31	NH Okinawa
622	37	0.42	22,907	0.31	NH Yokosuka
633	49	0.55	12,250	0.17	48th Med Grp-Lakenheath
638	20	0.23	8,727	0.12	51st Med Grp-Osan AB
804	39	0.44	11,005	0.15	18th Med Grp-Kadena AB
805	116	1.31	4,786	0.06	52nd Med Group-Spangdahlem
806	54	0.61	13,281	0.18	86th Medical Group-Ramstein
6215	93	1.05	11,158	0.15	TRICARE Outpatient-Chula Vista
7139	44	0.50	12,094	0.16	1st Spec Ops Med Grp-Hurlburt
9101	19	0.21	22,144	0.30	North Region-Army
9102	43	0.49	30,757	0.42	North Region-Air force
9104	24	0.27	19,919	0.27	North Region-Other
9202	44	0.50	24,237	0.33	South Region-Air force
9203	17	0.19	13,747	0.19	South Region-Navy
9204	10	0.11	8,646	0.12	South Region-Other
9302	96	1.08	68,061	0.92	West Region-Air force
9304	14	0.16	9,245	0.12	West Region-Other
9402	23	0.26	9,660	0.13	Europe-Air force
9403	31	0.35	18,634	0.25	Europe-Navy
9404	2	0.02	210	0.00	Europe-Other
9501	5	0.06	1,482	0.02	Pacific-Army
9502	36	0.41	18,174	0.25	Pacific-Air force
9603	6	0.07	3,393	0.05	Latin America-Navy
9604	3	0.03	2,027	0.03	Latin America-Other
9901	678	7.66	1,115,795	15.07	Out of Catchment North Region
9902	662	7.48	1,265,348	17.09	Out of Catchment South Region
9903	600	6.78	884,225	11.94	Out of Catchment West Region
9904	362	4.09	126,253	1.70	Out of Catchment OCONUS Region

**POSTCELL -****Poststratification cell for new weights**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
09999	37	0.42	224,807	3.04	09999
10001	56	0.63	10,264	0.14	10001
10003	45	0.51	12,737	0.17	10003
10004	50	0.56	11,032	0.15	10004
10005	32	0.36	18,185	0.25	10005
10006	51	0.58	21,001	0.28	10006
10008	98	1.11	8,107	0.11	10008
10009	53	0.60	17,779	0.24	10009
10010	50	0.56	13,837	0.19	10010
10013	46	0.52	10,138	0.14	10013
10014	44	0.50	20,671	0.28	10014
10018	65	0.73	5,027	0.07	10018
10019	78	0.88	5,126	0.07	10019
10024	22	0.25	52,127	0.70	10024
10026	51	0.58	6,037	0.08	10026
10028	39	0.44	13,948	0.19	10028
10029	34	0.38	73,385	0.99	10029
10030	35	0.40	15,607	0.21	10030
10032	37	0.42	49,178	0.66	10032
10033	51	0.58	18,699	0.25	10033
10038	50	0.56	45,599	0.62	10038
10039	34	0.38	47,609	0.64	10039
10042	45	0.51	23,558	0.32	10042
10043	99	1.12	9,778	0.13	10043
10045	46	0.52	28,047	0.38	10045
10046	123	1.39	11,006	0.15	10046
10047	47	0.53	32,124	0.43	10047
10048	24	0.27	42,802	0.58	10048
10049	20	0.23	40,374	0.55	10049
10051	45	0.51	10,858	0.15	10051
10052	33	0.37	55,987	0.76	10052
10053	64	0.72	6,474	0.09	10053
10055	51	0.58	14,899	0.20	10055
10056	40	0.45	19,949	0.27	10056
10057	37	0.42	27,828	0.38	10057
10058	49	0.55	11,773	0.16	10058
10060	34	0.38	51,053	0.69	10060
10061	50	0.56	19,764	0.27	10061
10062	36	0.41	11,697	0.16	10062
10064	30	0.34	14,859	0.20	10064
10066	50	0.56	19,076	0.26	10066
10067	56	0.63	33,345	0.45	10067
10068	44	0.50	10,872	0.15	10068
10069	42	0.47	44,913	0.61	10069
10073	48	0.54	16,255	0.22	10073
10074	72	0.81	3,255	0.04	10074

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10075	33	0.37	17,712	0.24	10075
10076	71	0.80	8,217	0.11	10076
10077	81	0.91	7,004	0.09	10077
10078	53	0.60	18,106	0.24	10078
10079	47	0.53	31,262	0.42	10079
10083	76	0.86	10,368	0.14	10083
10086	36	0.41	11,126	0.15	10086
10089	23	0.26	85,011	1.15	10089
10091	29	0.33	55,901	0.75	10091
10092	33	0.37	15,775	0.21	10092
10094	58	0.66	9,102	0.12	10094
10095	57	0.64	22,821	0.31	10095
10096	50	0.56	14,789	0.20	10096
10098	32	0.36	22,611	0.31	10098
10100	43	0.49	18,217	0.25	10100
10101	39	0.44	10,108	0.14	10101
10103	17	0.19	13,747	0.19	10103
10104	20	0.23	14,939	0.20	10104
10105	29	0.33	22,544	0.30	10105
10108	25	0.28	49,771	0.67	10108
10109	45	0.51	49,405	0.67	10109
10110	23	0.26	71,715	0.97	10110
10112	62	0.70	7,725	0.10	10112
10113	71	0.80	8,779	0.12	10113
10117	45	0.51	33,916	0.46	10117
10118	75	0.85	10,511	0.14	10118
10119	53	0.60	11,214	0.15	10119
10120	48	0.54	24,546	0.33	10120
10121	49	0.55	16,418	0.22	10121
10122	50	0.56	14,737	0.20	10122
10123	51	0.58	57,422	0.78	10123
10124	36	0.41	84,999	1.15	10124
10125	25	0.28	72,909	0.98	10125
10126	42	0.47	31,791	0.43	10126
10127	41	0.46	14,631	0.20	10127
10128	87	0.98	7,739	0.10	10128
10129	61	0.69	6,601	0.09	10129
10131	34	0.38	7,173	0.10	10131
10231	55	0.62	13,261	0.18	10231
10248	52	0.59	6,004	0.08	10248
10252	63	0.71	16,668	0.23	10252
10280	63	0.71	19,662	0.27	10280
10306	56	0.63	11,994	0.16	10306
10310	76	0.86	4,356	0.06	10310
10330	19	0.21	22,144	0.30	10330
10364	69	0.78	6,468	0.09	10364
10366	65	0.73	16,558	0.22	10366



Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10378	51	0.58	13,032	0.18	10378
10385	52	0.59	16,994	0.23	10385
10387	41	0.46	9,222	0.12	10387
10405	36	0.41	11,509	0.16	10405
10407	39	0.44	9,806	0.13	10407
10508	63	0.71	15,603	0.21	10508
10607	35	0.40	27,887	0.38	10607
10609	28	0.32	25,443	0.34	10609
10612	37	0.42	24,260	0.33	10612
10620	49	0.55	8,352	0.11	10620
10621	30	0.34	23,171	0.31	10621
10622	35	0.40	22,697	0.31	10622
10633	49	0.55	12,250	0.17	10633
10804	39	0.44	11,005	0.15	10804
10805	116	1.31	4,786	0.06	10805
10806	54	0.61	13,281	0.18	10806
16215	92	1.04	5,966	0.08	16215
17139	44	0.50	12,094	0.16	17139
19001	131	1.48	115,802	1.56	19001
19002	118	1.33	73,339	0.99	19002
19003	179	2.02	120,730	1.63	19003
19004	132	1.49	68,148	0.92	19004
29001	239	2.70	269,912	3.64	29001
29002	191	2.16	318,501	4.30	29002
29003	211	2.38	206,470	2.79	29003
39001	460	5.20	543,151	7.33	39001
39002	393	4.44	425,616	5.75	39002
39003	412	4.65	378,853	5.12	39003
39004	341	3.85	49,175	0.66	39004
69001	222	2.51	688,192	9.29	69001
69002	208	2.35	836,859	11.30	69002
69003	215	2.43	673,518	9.09	69003

**FWRWT1 -****Replicated/Jackknife quarterly weight 1**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.617	901	10.18	146,308	1.98	Minimum to 10th Percentile
38.269 -- 128.919	1,301	14.70	103,163	1.39	>10th to 25th Percentile
129.673 -- 346.707	2,225	25.13	496,255	6.70	>25th to 50th Percentile
347.414 -- 1026.968	2,168	24.49	1,341,535	18.12	>50th to 75th Percentile
1028.711 -- 2666.093	1,374	15.52	1,917,393	25.89	>75th to 90th Percentile
2678.345 -- 11052.11	884	9.99	3,400,893	45.92	>90th to 100th Percentile

**FWRWT2 -****Replicated/Jackknife quarterly weight 2**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.482	888	10.03	137,223	1.85	Minimum to 10th Percentile
37.971 -- 128.482	1,322	14.93	104,395	1.41	>10th to 25th Percentile
128.899 -- 351.871	2,219	25.06	493,396	6.66	>25th to 50th Percentile
354.523 -- 1039.314	2,292	25.89	1,466,564	19.80	>50th to 75th Percentile
1039.706 -- 2661.725	1,247	14.09	1,789,299	24.16	>75th to 90th Percentile
2665.264 -- 10409.02	885	10.00	3,414,670	46.11	>90th to 100th Percentile

**FWRWT3 -****Replicated/Jackknife quarterly weight 3**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.676	891	10.06	134,374	1.81	Minimum to 10th Percentile
37.292 -- 129.485	1,336	15.09	105,880	1.43	>10th to 25th Percentile
129.635 -- 348.864	2,205	24.91	493,704	6.67	>25th to 50th Percentile
351.210 -- 1043.463	2,302	26.00	1,483,527	20.03	>50th to 75th Percentile
1044.893 -- 2650.587	1,234	13.94	1,774,167	23.96	>75th to 90th Percentile
2656.717 -- 10815.16	885	10.00	3,413,896	46.10	>90th to 100th Percentile

**FWRWT4 -****Replicated/Jackknife quarterly weight 4**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.585	894	10.10	136,856	1.85	Minimum to 10th Percentile
36.894 -- 129.413	1,326	14.98	103,627	1.40	>10th to 25th Percentile
129.788 -- 349.760	2,215	25.02	492,368	6.65	>25th to 50th Percentile
350.543 -- 1047.132	2,309	26.08	1,487,374	20.08	>50th to 75th Percentile
1060.907 -- 2643.593	1,224	13.83	1,763,544	23.81	>75th to 90th Percentile
2651.662 -- 10457.40	885	10.00	3,421,779	46.21	>90th to 100th Percentile

**FWRWT5 -****Replicated/Jackknife quarterly weight 5**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.078	897	10.13	138,297	1.87	Minimum to 10th Percentile
38.439 -- 129.073	1,314	14.84	104,610	1.41	>10th to 25th Percentile
129.718 -- 348.751	2,222	25.10	495,817	6.70	>25th to 50th Percentile
350.790 -- 1039.359	2,173	24.55	1,349,094	18.22	>50th to 75th Percentile
1041.515 -- 2620.911	1,367	15.44	1,910,976	25.80	>75th to 90th Percentile
2636.902 -- 10470.08	880	9.94	3,406,753	46.00	>90th to 100th Percentile

**FWRWT6 -****Replicated/Jackknife quarterly weight 6**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.156	892	10.08	143,240	1.93	Minimum to 10th Percentile
37.159 -- 131.468	1,332	15.05	105,003	1.42	>10th to 25th Percentile
132.014 -- 349.587	2,216	25.03	494,867	6.68	>25th to 50th Percentile
350.906 -- 1038.313	2,296	25.93	1,476,527	19.94	>50th to 75th Percentile
1053.418 -- 2747.600	1,239	14.00	1,786,944	24.13	>75th to 90th Percentile
2788.432 -- 10429.00	878	9.92	3,398,967	45.90	>90th to 100th Percentile

**FWRWT7****Replicated/Jackknife quarterly weight 7**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.034	887	10.02	122,888	1.66	Minimum to 10th Percentile
38.427 -- 130.493	1,340	15.14	106,717	1.44	>10th to 25th Percentile
130.871 -- 351.090	2,206	24.92	494,373	6.68	>25th to 50th Percentile
351.716 -- 1035.029	2,283	25.79	1,468,071	19.82	>50th to 75th Percentile
1037.967 -- 2641.766	1,253	14.15	1,798,610	24.29	>75th to 90th Percentile
2648.167 -- 10410.58	884	9.99	3,414,887	46.11	>90th to 100th Percentile

**FWRWT8 -****Replicated/Jackknife quarterly weight 8**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.984	887	10.02	136,243	1.84	Minimum to 10th Percentile
38.537 -- 127.879	1,317	14.88	104,178	1.41	>10th to 25th Percentile
128.807 -- 351.712	2,232	25.21	499,531	6.75	>25th to 50th Percentile
352.514 -- 1052.323	2,204	24.90	1,386,503	18.72	>50th to 75th Percentile
1053.830 -- 2628.538	1,328	15.00	1,861,910	25.14	>75th to 90th Percentile
2633.560 -- 10481.23	885	10.00	3,417,182	46.14	>90th to 100th Percentile

**FWRWT9 -****Replicated/Jackknife quarterly weight 9**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.760	898	10.14	156,054	2.11	Minimum to 10th Percentile
38.450 -- 126.940	1,311	14.81	103,675	1.40	>10th to 25th Percentile
127.773 -- 355.723	2,222	25.10	495,026	6.68	>25th to 50th Percentile
357.019 -- 1058.164	2,214	25.01	1,388,926	18.76	>50th to 75th Percentile
1064.005 -- 2675.228	1,323	14.94	1,856,672	25.07	>75th to 90th Percentile
2677.912 -- 10747.14	885	10.00	3,405,194	45.98	>90th to 100th Percentile

**FWRWT10 -****Replicated/Jackknife quarterly weight 10**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 39.404	905	10.22	130,339	1.76	Minimum to 10th Percentile
40.082 -- 129.380	1,298	14.66	104,198	1.41	>10th to 25th Percentile
129.799 -- 352.789	2,242	25.32	503,887	6.80	>25th to 50th Percentile
353.586 -- 1027.623	2,175	24.57	1,364,517	18.43	>50th to 75th Percentile
1030.812 -- 2658.767	1,352	15.27	1,900,876	25.67	>75th to 90th Percentile
2672.505 -- 10357.87	881	9.95	3,401,730	45.93	>90th to 100th Percentile

**FWRWT11 -****Replicated/Jackknife quarterly weight 11**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.381	889	10.04	134,829	1.82	Minimum to 10th Percentile
38.454 -- 131.469	1,321	14.92	104,422	1.41	>10th to 25th Percentile
131.559 -- 356.604	2,228	25.17	497,443	6.72	>25th to 50th Percentile
357.907 -- 1064.114	2,311	26.10	1,495,954	20.20	>50th to 75th Percentile
1069.640 -- 2623.012	1,219	13.77	1,759,423	23.76	>75th to 90th Percentile
2627.187 -- 10489.27	885	10.00	3,413,476	46.09	>90th to 100th Percentile

**FWRWT12 -****Replicated/Jackknife quarterly weight 12**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.645	891	10.06	146,444	1.98	Minimum to 10th Percentile
39.171 -- 130.442	1,328	15.00	106,197	1.43	>10th to 25th Percentile
130.828 -- 350.960	2,219	25.06	497,870	6.72	>25th to 50th Percentile
351.528 -- 1050.488	2,202	24.87	1,381,085	18.65	>50th to 75th Percentile
1053.816 -- 2627.952	1,332	15.05	1,877,092	25.35	>75th to 90th Percentile
2641.216 -- 10492.33	881	9.95	3,396,859	45.87	>90th to 100th Percentile

**FWRWT13 -****Replicated/Jackknife quarterly weight 13**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.074	888	10.03	124,805	1.69	Minimum to 10th Percentile
38.010 -- 129.460	1,328	15.00	104,847	1.42	>10th to 25th Percentile
129.509 -- 356.016	2,216	25.03	494,972	6.68	>25th to 50th Percentile
358.357 -- 1047.946	2,203	24.88	1,382,059	18.66	>50th to 75th Percentile
1053.885 -- 2628.961	1,337	15.10	1,887,009	25.48	>75th to 90th Percentile
2645.252 -- 10381.44	881	9.95	3,411,855	46.07	>90th to 100th Percentile

**FWRWT14 -****Replicated/Jackknife quarterly weight 14**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.701	901	10.18	137,189	1.85	Minimum to 10th Percentile
39.240 -- 129.374	1,308	14.77	103,900	1.40	>10th to 25th Percentile
129.506 -- 353.956	2,234	25.23	499,332	6.74	>25th to 50th Percentile
355.712 -- 1055.259	2,197	24.82	1,377,775	18.60	>50th to 75th Percentile
1057.371 -- 2635.428	1,332	15.05	1,874,890	25.32	>75th to 90th Percentile
2655.643 -- 10454.89	881	9.95	3,412,461	46.08	>90th to 100th Percentile

**FWRWT15 -****Replicated/Jackknife quarterly weight 15**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.257	894	10.10	140,237	1.89	Minimum to 10th Percentile
39.049 -- 130.223	1,319	14.90	104,443	1.41	>10th to 25th Percentile
130.521 -- 350.010	2,224	25.12	497,324	6.72	>25th to 50th Percentile
350.517 -- 1047.411	2,305	26.04	1,486,167	20.07	>50th to 75th Percentile
1049.095 -- 2599.060	1,226	13.85	1,758,917	23.75	>75th to 90th Percentile
2648.414 -- 10760.16	885	10.00	3,418,458	46.16	>90th to 100th Percentile

**FWRWT16 -****Replicated/Jackknife quarterly weight 16**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.998	895	10.11	142,446	1.92	Minimum to 10th Percentile
38.237 -- 128.467	1,326	14.98	105,427	1.42	>10th to 25th Percentile
128.660 -- 347.696	2,212	24.99	495,322	6.69	>25th to 50th Percentile
348.469 -- 1080.461	2,209	24.95	1,390,881	18.78	>50th to 75th Percentile
1082.766 -- 2655.662	1,328	15.00	1,871,454	25.27	>75th to 90th Percentile
2695.911 -- 10563.15	883	9.97	3,400,017	45.91	>90th to 100th Percentile

**FWRWT17 -****Replicated/Jackknife quarterly weight 17**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.664	890	10.05	151,566	2.05	Minimum to 10th Percentile
37.494 -- 130.488	1,334	15.07	105,115	1.42	>10th to 25th Percentile
130.759 -- 351.288	2,212	24.99	494,380	6.68	>25th to 50th Percentile
352.011 -- 1052.226	2,312	26.12	1,491,378	20.14	>50th to 75th Percentile
1060.245 -- 2632.890	1,225	13.84	1,766,115	23.85	>75th to 90th Percentile
2635.317 -- 10689.28	880	9.94	3,396,993	45.87	>90th to 100th Percentile

**FWRWT18 -****Replicated/Jackknife quarterly weight 18**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.577	906	10.23	156,161	2.11	Minimum to 10th Percentile
38.171 -- 128.216	1,300	14.68	102,558	1.38	>10th to 25th Percentile
128.709 -- 348.826	2,226	25.14	493,995	6.67	>25th to 50th Percentile
349.923 -- 1056.453	2,222	25.10	1,393,653	18.82	>50th to 75th Percentile
1059.708 -- 2580.836	1,314	14.84	1,842,045	24.87	>75th to 90th Percentile
2620.749 -- 10398.01	885	10.00	3,417,136	46.14	>90th to 100th Percentile

**FWRWT19 -****Replicated/Jackknife quarterly weight 19**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.649	895	10.11	138,271	1.87	Minimum to 10th Percentile
40.152 -- 128.741	1,316	14.87	103,836	1.40	>10th to 25th Percentile
129.717 -- 352.071	2,228	25.17	496,810	6.71	>25th to 50th Percentile
352.443 -- 1037.053	2,175	24.57	1,355,192	18.30	>50th to 75th Percentile
1045.830 -- 2613.767	1,355	15.31	1,898,429	25.64	>75th to 90th Percentile
2647.221 -- 10392.61	884	9.99	3,413,009	46.09	>90th to 100th Percentile

**FWRWT20 -****Replicated/Jackknife quarterly weight 20**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.438	896	10.12	155,584	2.10	Minimum to 10th Percentile
38.490 -- 131.378	1,322	14.93	105,012	1.42	>10th to 25th Percentile
132.226 -- 353.901	2,217	25.04	494,801	6.68	>25th to 50th Percentile
355.392 -- 1053.235	2,185	24.68	1,355,342	18.30	>50th to 75th Percentile
1054.930 -- 2589.147	1,351	15.26	1,885,004	25.45	>75th to 90th Percentile
2616.183 -- 10579.56	882	9.96	3,409,803	46.04	>90th to 100th Percentile

**FWRWT21 -****Replicated/Jackknife quarterly weight 21**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 39.121	901	10.18	118,892	1.61	Minimum to 10th Percentile
39.430 -- 129.478	1,313	14.83	104,320	1.41	>10th to 25th Percentile
129.553 -- 356.697	2,225	25.13	498,526	6.73	>25th to 50th Percentile
359.925 -- 1041.445	2,289	25.86	1,480,043	19.99	>50th to 75th Percentile
1045.433 -- 2700.618	1,241	14.02	1,786,959	24.13	>75th to 90th Percentile
2704.555 -- 10526.09	884	9.99	3,416,807	46.14	>90th to 100th Percentile

**FWRWT22 -****Replicated/Jackknife quarterly weight 22**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.446	894	10.10	168,124	2.27	Minimum to 10th Percentile
37.854 -- 128.422	1,316	14.87	102,550	1.38	>10th to 25th Percentile
128.655 -- 351.276	2,227	25.16	493,202	6.66	>25th to 50th Percentile
352.158 -- 1050.090	2,298	25.96	1,471,674	19.87	>50th to 75th Percentile
1055.945 -- 2610.267	1,235	13.95	1,763,672	23.82	>75th to 90th Percentile
2620.295 -- 10469.26	883	9.97	3,406,325	46.00	>90th to 100th Percentile

**FWRWT23 -****Replicated/Jackknife quarterly weight 23**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.594	897	10.13	162,405	2.19	Minimum to 10th Percentile
39.168 -- 129.252	1,312	14.82	104,252	1.41	>10th to 25th Percentile
129.944 -- 350.230	2,218	25.05	493,170	6.66	>25th to 50th Percentile
351.705 -- 1042.385	2,213	25.00	1,380,458	18.64	>50th to 75th Percentile
1047.692 -- 2539.191	1,329	15.01	1,857,502	25.08	>75th to 90th Percentile
2552.256 -- 10443.08	884	9.99	3,407,760	46.02	>90th to 100th Percentile

**FWRWT24 -****Replicated/Jackknife quarterly weight 24**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.242	898	10.14	122,839	1.66	Minimum to 10th Percentile
38.542 -- 131.167	1,320	14.91	105,533	1.43	>10th to 25th Percentile
131.568 -- 351.963	2,223	25.11	500,259	6.76	>25th to 50th Percentile
352.619 -- 1030.288	2,182	24.65	1,369,179	18.49	>50th to 75th Percentile
1045.829 -- 2672.650	1,347	15.22	1,897,163	25.62	>75th to 90th Percentile
2685.260 -- 10382.42	883	9.97	3,410,574	46.05	>90th to 100th Percentile

**FWRWT25 -****Replicated/Jackknife quarterly weight 25**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.257	896	10.12	130,923	1.77	Minimum to 10th Percentile
40.902 -- 130.097	1,325	14.97	106,325	1.44	>10th to 25th Percentile
130.716 -- 348.286	2,206	24.92	493,029	6.66	>25th to 50th Percentile
348.874 -- 1051.414	2,322	26.23	1,498,745	20.24	>50th to 75th Percentile
1051.894 -- 2668.134	1,219	13.77	1,757,559	23.73	>75th to 90th Percentile
2677.226 -- 10428.74	885	10.00	3,418,965	46.17	>90th to 100th Percentile

**FWRWT26 -****Replicated/Jackknife quarterly weight 26**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.259	898	10.14	165,798	2.24	Minimum to 10th Percentile
38.744 -- 128.971	1,296	14.64	102,236	1.38	>10th to 25th Percentile
129.590 -- 348.133	2,233	25.22	496,815	6.71	>25th to 50th Percentile
348.890 -- 1039.499	2,212	24.99	1,380,886	18.65	>50th to 75th Percentile
1041.515 -- 2563.818	1,332	15.05	1,862,576	25.15	>75th to 90th Percentile
2574.351 -- 10674.44	882	9.96	3,397,236	45.87	>90th to 100th Percentile

**FWRWT27 -****Replicated/Jackknife quarterly weight 27**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.855	899	10.15	127,501	1.72	Minimum to 10th Percentile
38.291 -- 129.432	1,316	14.87	103,897	1.40	>10th to 25th Percentile
129.714 -- 349.866	2,214	25.01	492,839	6.65	>25th to 50th Percentile
351.228 -- 1048.435	2,301	25.99	1,476,873	19.94	>50th to 75th Percentile
1049.103 -- 2643.453	1,238	13.98	1,778,945	24.02	>75th to 90th Percentile
2645.288 -- 10462.36	885	10.00	3,425,493	46.26	>90th to 100th Percentile

**FWRWT28 -****Replicated/Jackknife quarterly weight 28**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.923	888	10.03	125,226	1.69	Minimum to 10th Percentile
37.598 -- 129.473	1,333	15.06	106,356	1.44	>10th to 25th Percentile
129.627 -- 349.434	2,221	25.09	499,664	6.75	>25th to 50th Percentile
350.891 -- 1051.486	2,179	24.61	1,365,159	18.43	>50th to 75th Percentile
1054.858 -- 2633.320	1,350	15.25	1,895,992	25.60	>75th to 90th Percentile
2645.079 -- 10491.79	882	9.96	3,413,151	46.09	>90th to 100th Percentile

**FWRWT29 -****Replicated/Jackknife quarterly weight 29**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.379	889	10.04	126,117	1.70	Minimum to 10th Percentile
38.561 -- 129.267	1,331	15.03	106,244	1.43	>10th to 25th Percentile
129.637 -- 350.944	2,220	25.08	498,088	6.73	>25th to 50th Percentile
352.726 -- 1057.184	2,206	24.92	1,388,044	18.74	>50th to 75th Percentile
1060.148 -- 2671.212	1,326	14.98	1,879,879	25.38	>75th to 90th Percentile
2713.159 -- 10454.27	881	9.95	3,407,175	46.01	>90th to 100th Percentile



**FWRWT30 -****Replicated/Jackknife quarterly weight 30**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.629	892	10.08	135,231	1.83	Minimum to 10th Percentile
38.752 -- 128.395	1,325	14.97	104,340	1.41	>10th to 25th Percentile
128.704 -- 348.258	2,212	24.99	492,422	6.65	>25th to 50th Percentile
348.816 -- 1048.873	2,203	24.88	1,377,439	18.60	>50th to 75th Percentile
1052.666 -- 2676.749	1,336	15.09	1,878,750	25.37	>75th to 90th Percentile
2681.745 -- 10317.01	885	10.00	3,417,365	46.15	>90th to 100th Percentile

**FWRWT31 -****Replicated/Jackknife quarterly weight 31**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.852	898	10.14	167,486	2.26	Minimum to 10th Percentile
38.394 -- 129.373	1,319	14.90	104,296	1.41	>10th to 25th Percentile
129.564 -- 347.143	2,228	25.17	497,942	6.72	>25th to 50th Percentile
347.740 -- 1053.583	2,183	24.66	1,362,282	18.40	>50th to 75th Percentile
1054.625 -- 2589.308	1,340	15.14	1,871,607	25.27	>75th to 90th Percentile
2612.476 -- 10484.36	885	10.00	3,401,932	45.94	>90th to 100th Percentile

**FWRWT32 -****Replicated/Jackknife quarterly weight 32**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.050	886	10.01	141,340	1.91	Minimum to 10th Percentile
39.106 -- 131.466	1,331	15.03	105,605	1.43	>10th to 25th Percentile
131.550 -- 351.536	2,222	25.10	498,101	6.73	>25th to 50th Percentile
352.702 -- 1026.175	2,180	24.62	1,363,283	18.41	>50th to 75th Percentile
1032.781 -- 2628.904	1,351	15.26	1,894,143	25.58	>75th to 90th Percentile
2633.813 -- 10424.32	883	9.97	3,403,076	45.95	>90th to 100th Percentile

**FWRWT33 -****Replicated/Jackknife quarterly weight 33**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.695	888	10.03	142,623	1.93	Minimum to 10th Percentile
39.090 -- 129.385	1,322	14.93	105,015	1.42	>10th to 25th Percentile
129.697 -- 350.233	2,242	25.32	504,013	6.81	>25th to 50th Percentile
352.047 -- 1056.044	2,296	25.93	1,488,230	20.10	>50th to 75th Percentile
1060.128 -- 2629.842	1,220	13.78	1,750,189	23.63	>75th to 90th Percentile
2652.522 -- 10498.31	885	10.00	3,415,477	46.12	>90th to 100th Percentile

**FWRWT34 -****Replicated/Jackknife quarterly weight 34**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.668	890	10.05	174,075	2.35	Minimum to 10th Percentile
37.505 -- 127.284	1,324	14.96	103,328	1.40	>10th to 25th Percentile
127.805 -- 350.502	2,227	25.16	495,424	6.69	>25th to 50th Percentile
352.322 -- 1037.464	2,191	24.75	1,366,781	18.46	>50th to 75th Percentile
1038.514 -- 2679.490	1,340	15.14	1,879,497	25.38	>75th to 90th Percentile
2695.358 -- 10249.13	881	9.95	3,386,442	45.73	>90th to 100th Percentile

**FWRWT35 -****Replicated/Jackknife quarterly weight 35**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.410	889	10.04	147,917	2.00	Minimum to 10th Percentile
38.078 -- 128.386	1,305	14.74	101,709	1.37	>10th to 25th Percentile
128.501 -- 352.320	2,241	25.31	498,527	6.73	>25th to 50th Percentile
353.294 -- 1050.208	2,311	26.10	1,489,985	20.12	>50th to 75th Percentile
1051.640 -- 2618.717	1,223	13.81	1,754,184	23.69	>75th to 90th Percentile
2639.144 -- 10673.24	884	9.99	3,413,224	46.09	>90th to 100th Percentile

**FWRWT36 -****Replicated/Jackknife quarterly weight 36**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.476	897	10.13	121,821	1.65	Minimum to 10th Percentile
39.070 -- 128.500	1,311	14.81	103,554	1.40	>10th to 25th Percentile
128.750 -- 352.948	2,246	25.37	505,234	6.82	>25th to 50th Percentile
353.581 -- 1033.992	2,166	24.47	1,361,292	18.38	>50th to 75th Percentile
1035.987 -- 2647.908	1,351	15.26	1,900,284	25.66	>75th to 90th Percentile
2684.634 -- 10363.22	882	9.96	3,413,361	46.09	>90th to 100th Percentile

**FWRWT37 -****Replicated/Jackknife quarterly weight 37**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.007	890	10.05	124,749	1.68	Minimum to 10th Percentile
38.598 -- 127.895	1,308	14.77	103,798	1.40	>10th to 25th Percentile
128.686 -- 348.367	2,230	25.19	497,264	6.71	>25th to 50th Percentile
351.043 -- 1029.262	2,174	24.56	1,348,843	18.21	>50th to 75th Percentile
1030.897 -- 2667.311	1,369	15.46	1,923,106	25.97	>75th to 90th Percentile
2677.720 -- 10732.73	882	9.96	3,407,787	46.02	>90th to 100th Percentile

**FWRWT38 -****Replicated/Jackknife quarterly weight 38**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.868	890	10.05	167,151	2.26	Minimum to 10th Percentile
37.502 -- 129.207	1,329	15.01	105,440	1.42	>10th to 25th Percentile
130.321 -- 353.796	2,222	25.10	498,380	6.73	>25th to 50th Percentile
354.338 -- 1056.093	2,192	24.76	1,374,201	18.56	>50th to 75th Percentile
1057.953 -- 2537.678	1,335	15.08	1,866,913	25.21	>75th to 90th Percentile
2542.575 -- 10705.88	885	10.00	3,393,462	45.82	>90th to 100th Percentile

**FWRWT39 -****Replicated/Jackknife quarterly weight 39**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.383	892	10.08	157,185	2.12	Minimum to 10th Percentile
38.168 -- 128.347	1,319	14.90	103,706	1.40	>10th to 25th Percentile
128.593 -- 349.744	2,219	25.06	493,538	6.66	>25th to 50th Percentile
350.517 -- 1046.006	2,305	26.04	1,477,707	19.95	>50th to 75th Percentile
1047.951 -- 2632.900	1,233	13.93	1,760,983	23.78	>75th to 90th Percentile
2635.952 -- 10368.51	885	10.00	3,412,428	46.08	>90th to 100th Percentile

**FWRWT40 -****Replicated/Jackknife quarterly weight 40**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.323	889	10.04	149,099	2.01	Minimum to 10th Percentile
37.245 -- 127.397	1,325	14.97	103,872	1.40	>10th to 25th Percentile
127.553 -- 352.511	2,213	25.00	491,746	6.64	>25th to 50th Percentile
354.255 -- 1045.119	2,215	25.02	1,383,743	18.69	>50th to 75th Percentile
1046.345 -- 2636.240	1,329	15.01	1,872,674	25.29	>75th to 90th Percentile
2640.829 -- 10534.07	882	9.96	3,404,413	45.97	>90th to 100th Percentile

**FWRWT41 -****Replicated/Jackknife quarterly weight 41**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.949	902	10.19	134,828	1.82	Minimum to 10th Percentile
38.746 -- 127.777	1,305	14.74	103,792	1.40	>10th to 25th Percentile
128.571 -- 352.641	2,237	25.27	500,374	6.76	>25th to 50th Percentile
353.434 -- 1028.205	2,156	24.35	1,338,097	18.07	>50th to 75th Percentile
1029.627 -- 2697.065	1,368	15.45	1,912,128	25.82	>75th to 90th Percentile
2702.880 -- 10564.29	885	10.00	3,416,329	46.13	>90th to 100th Percentile

**FWRWT42 -****Replicated/Jackknife quarterly weight 42**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.825	889	10.04	153,362	2.07	Minimum to 10th Percentile
37.565 -- 128.397	1,338	15.11	105,358	1.42	>10th to 25th Percentile
129.043 -- 349.415	2,200	24.85	489,505	6.61	>25th to 50th Percentile
350.344 -- 1063.226	2,324	26.25	1,496,511	20.21	>50th to 75th Percentile
1064.740 -- 2587.464	1,217	13.75	1,746,009	23.58	>75th to 90th Percentile
2627.456 -- 10387.58	885	10.00	3,414,802	46.11	>90th to 100th Percentile

**FWRWT43 -****Replicated/Jackknife quarterly weight 43**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.704	896	10.12	135,445	1.83	Minimum to 10th Percentile
39.095 -- 130.470	1,320	14.91	105,329	1.42	>10th to 25th Percentile
130.630 -- 357.148	2,219	25.06	496,305	6.70	>25th to 50th Percentile
359.020 -- 1045.368	2,301	25.99	1,481,645	20.01	>50th to 75th Percentile
1050.568 -- 2671.925	1,232	13.92	1,769,016	23.89	>75th to 90th Percentile
2678.729 -- 10431.68	885	10.00	3,417,807	46.15	>90th to 100th Percentile

**FWRWT44 -****Replicated/Jackknife quarterly weight 44**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.068	895	10.11	126,355	1.71	Minimum to 10th Percentile
38.229 -- 129.302	1,313	14.83	102,856	1.39	>10th to 25th Percentile
129.712 -- 353.594	2,232	25.21	497,259	6.71	>25th to 50th Percentile
354.222 -- 1035.593	2,199	24.84	1,376,373	18.59	>50th to 75th Percentile
1042.631 -- 2729.241	1,331	15.03	1,881,422	25.41	>75th to 90th Percentile
2765.118 -- 10464.74	883	9.97	3,421,282	46.20	>90th to 100th Percentile

**FWRWT45 -****Replicated/Jackknife quarterly weight 45**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.879	901	10.18	156,440	2.11	Minimum to 10th Percentile
37.515 -- 129.169	1,314	14.84	103,401	1.40	>10th to 25th Percentile
129.840 -- 349.620	2,226	25.14	494,847	6.68	>25th to 50th Percentile
350.226 -- 1040.484	2,308	26.07	1,486,771	20.08	>50th to 75th Percentile
1045.003 -- 2659.995	1,219	13.77	1,751,651	23.65	>75th to 90th Percentile
2682.443 -- 10708.41	885	10.00	3,412,437	46.08	>90th to 100th Percentile

**FWRWT46 -****Replicated/Jackknife quarterly weight 46**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.574	888	10.03	153,549	2.07	Minimum to 10th Percentile
36.172 -- 128.354	1,324	14.96	103,342	1.40	>10th to 25th Percentile
128.746 -- 353.434	2,248	25.39	504,120	6.81	>25th to 50th Percentile
354.056 -- 1042.973	2,167	24.48	1,360,172	18.37	>50th to 75th Percentile
1043.585 -- 2614.936	1,341	15.15	1,876,403	25.34	>75th to 90th Percentile
2634.838 -- 10442.39	885	10.00	3,407,962	46.02	>90th to 100th Percentile

**FWRWT47 -****Replicated/Jackknife quarterly weight 47**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.773	887	10.02	142,638	1.93	Minimum to 10th Percentile
37.135 -- 129.477	1,324	14.96	104,085	1.41	>10th to 25th Percentile
129.659 -- 353.581	2,217	25.04	493,706	6.67	>25th to 50th Percentile
354.801 -- 1033.664	2,204	24.90	1,376,101	18.58	>50th to 75th Percentile
1043.981 -- 2634.501	1,341	15.15	1,887,739	25.49	>75th to 90th Percentile
2652.012 -- 10438.77	880	9.94	3,401,279	45.93	>90th to 100th Percentile

**FWRWT48 -****Replicated/Jackknife quarterly weight 48**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.393	890	10.05	117,450	1.59	Minimum to 10th Percentile
38.278 -- 131.387	1,334	15.07	105,990	1.43	>10th to 25th Percentile
131.528 -- 349.783	2,204	24.90	493,337	6.66	>25th to 50th Percentile
351.761 -- 1040.308	2,316	26.16	1,492,287	20.15	>50th to 75th Percentile
1050.159 -- 2669.920	1,225	13.84	1,771,859	23.93	>75th to 90th Percentile
2729.127 -- 10417.97	884	9.99	3,424,624	46.24	>90th to 100th Percentile

**FWRWT49 -****Replicated/Jackknife quarterly weight 49**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 33.945	887	10.02	154,498	2.09	Minimum to 10th Percentile
34.522 -- 129.365	1,327	14.99	103,138	1.39	>10th to 25th Percentile
130.279 -- 347.624	2,214	25.01	489,759	6.61	>25th to 50th Percentile
348.541 -- 1044.360	2,312	26.12	1,483,799	20.04	>50th to 75th Percentile
1053.670 -- 2634.095	1,229	13.88	1,767,373	23.87	>75th to 90th Percentile
2682.009 -- 10709.16	884	9.99	3,406,981	46.01	>90th to 100th Percentile

**FWRWT50 -****Replicated/Jackknife quarterly weight 50**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 36.866	894	10.10	153,467	2.07	Minimum to 10th Percentile
37.636 -- 128.275	1,324	14.96	103,906	1.40	>10th to 25th Percentile
128.730 -- 351.725	2,221	25.09	492,591	6.65	>25th to 50th Percentile
353.030 -- 1042.219	2,287	25.83	1,464,074	19.77	>50th to 75th Percentile
1045.053 -- 2635.691	1,244	14.05	1,778,606	24.02	>75th to 90th Percentile
2665.436 -- 10523.60	883	9.97	3,412,902	46.09	>90th to 100th Percentile

**FWRWT51 -****Replicated/Jackknife quarterly weight 51**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.621	890	10.05	150,288	2.03	Minimum to 10th Percentile
37.722 -- 127.286	1,315	14.85	102,681	1.39	>10th to 25th Percentile
127.596 -- 349.530	2,229	25.18	496,487	6.70	>25th to 50th Percentile
352.444 -- 1068.323	2,213	25.00	1,389,336	18.76	>50th to 75th Percentile
1068.989 -- 2670.924	1,324	14.96	1,865,112	25.19	>75th to 90th Percentile
2703.000 -- 10251.10	882	9.96	3,401,644	45.93	>90th to 100th Percentile

**FWRWT52 -****Replicated/Jackknife quarterly weight 52**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.321	887	10.02	170,837	2.31	Minimum to 10th Percentile
36.974 -- 128.274	1,317	14.88	102,919	1.39	>10th to 25th Percentile
128.791 -- 354.498	2,232	25.21	496,906	6.71	>25th to 50th Percentile
355.003 -- 1033.516	2,181	24.64	1,358,331	18.34	>50th to 75th Percentile
1036.765 -- 2669.505	1,351	15.26	1,882,332	25.42	>75th to 90th Percentile
2676.391 -- 10724.16	885	10.00	3,394,222	45.83	>90th to 100th Percentile

**FWRWT53 -****Replicated/Jackknife quarterly weight 53**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 39.370	894	10.10	134,060	1.81	Minimum to 10th Percentile
40.011 -- 130.406	1,325	14.97	106,469	1.44	>10th to 25th Percentile
131.254 -- 352.978	2,218	25.05	500,788	6.76	>25th to 50th Percentile
355.459 -- 1039.446	2,291	25.88	1,478,555	19.97	>50th to 75th Percentile
1040.778 -- 2650.614	1,241	14.02	1,777,880	24.01	>75th to 90th Percentile
2659.189 -- 10431.31	884	9.99	3,407,795	46.02	>90th to 100th Percentile

**FWRWT54 -****Replicated/Jackknife quarterly weight 54**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.375	893	10.09	146,600	1.98	Minimum to 10th Percentile
38.581 -- 129.239	1,319	14.90	105,578	1.43	>10th to 25th Percentile
129.509 -- 347.340	2,215	25.02	496,327	6.70	>25th to 50th Percentile
347.866 -- 1028.018	2,172	24.53	1,347,411	18.19	>50th to 75th Percentile
1040.815 -- 2633.785	1,369	15.46	1,905,335	25.73	>75th to 90th Percentile
2664.049 -- 10457.63	885	10.00	3,404,296	45.97	>90th to 100th Percentile

**FWRWT55 -****Replicated/Jackknife quarterly weight 55**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.431	895	10.11	123,920	1.67	Minimum to 10th Percentile
36.701 -- 126.761	1,291	14.58	99,733	1.35	>10th to 25th Percentile
127.763 -- 355.038	2,244	25.35	496,838	6.71	>25th to 50th Percentile
356.377 -- 1039.158	2,283	25.79	1,459,947	19.71	>50th to 75th Percentile
1041.682 -- 2693.003	1,256	14.19	1,803,269	24.35	>75th to 90th Percentile
2715.450 -- 10556.62	884	9.99	3,421,841	46.21	>90th to 100th Percentile

**FWRWT56 -****Replicated/Jackknife quarterly weight 56**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 37.644	898	10.14	138,153	1.87	Minimum to 10th Percentile
38.267 -- 129.395	1,329	15.01	106,070	1.43	>10th to 25th Percentile
129.538 -- 353.589	2,217	25.04	497,152	6.71	>25th to 50th Percentile
353.825 -- 1035.896	2,177	24.59	1,363,477	18.41	>50th to 75th Percentile
1041.589 -- 2641.138	1,351	15.26	1,899,658	25.65	>75th to 90th Percentile
2668.232 -- 10429.27	881	9.95	3,401,037	45.93	>90th to 100th Percentile

**FWRWT57 -****Replicated/Jackknife quarterly weight 57**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 35.958	886	10.01	143,426	1.94	Minimum to 10th Percentile
36.869 -- 128.277	1,316	14.87	102,497	1.38	>10th to 25th Percentile
128.841 -- 351.925	2,227	25.16	494,927	6.68	>25th to 50th Percentile
352.793 -- 1053.187	2,198	24.83	1,370,366	18.50	>50th to 75th Percentile
1055.591 -- 2633.786	1,343	15.17	1,887,824	25.49	>75th to 90th Percentile
2661.063 -- 10452.28	883	9.97	3,406,508	46.00	>90th to 100th Percentile

**FWRWT58 -****Replicated/Jackknife quarterly weight 58**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 39.323	904	10.21	113,929	1.54	Minimum to 10th Percentile
39.466 -- 132.370	1,328	15.00	108,186	1.46	>10th to 25th Percentile
132.991 -- 353.508	2,205	24.91	497,978	6.72	>25th to 50th Percentile
354.316 -- 1048.661	2,193	24.77	1,379,242	18.62	>50th to 75th Percentile
1049.599 -- 2638.729	1,338	15.11	1,885,189	25.46	>75th to 90th Percentile
2646.136 -- 10542.46	885	10.00	3,421,023	46.20	>90th to 100th Percentile

**FWRWT59 -****Replicated/Jackknife quarterly weight 59**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.208	898	10.14	137,716	1.86	Minimum to 10th Percentile
38.716 -- 128.147	1,307	14.76	103,365	1.40	>10th to 25th Percentile
128.578 -- 356.118	2,224	25.12	494,658	6.68	>25th to 50th Percentile
356.679 -- 1034.933	2,198	24.83	1,373,347	18.54	>50th to 75th Percentile
1035.957 -- 2662.883	1,342	15.16	1,888,755	25.50	>75th to 90th Percentile
2669.681 -- 10431.90	884	9.99	3,407,706	46.02	>90th to 100th Percentile

**FWRWT60 -****Replicated/Jackknife quarterly weight 60**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 38.300	900	10.17	130,681	1.76	Minimum to 10th Percentile
38.396 -- 127.858	1,298	14.66	102,278	1.38	>10th to 25th Percentile
128.937 -- 350.211	2,238	25.28	500,209	6.75	>25th to 50th Percentile
353.138 -- 1043.056	2,278	25.73	1,465,713	19.79	>50th to 75th Percentile
1046.082 -- 2658.214	1,256	14.19	1,801,286	24.32	>75th to 90th Percentile
2725.936 -- 10382.35	883	9.97	3,405,379	45.98	>90th to 100th Percentile

**FWRWT -****Final quarterly weight**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
9.999 -- 42.647	954	10.78	26,701	0.36	Minimum to 10th Percentile
43.361 -- 133.371	1,277	14.42	115,094	1.55	>10th to 25th Percentile
133.572 -- 360.499	2,205	24.91	514,009	6.94	>25th to 50th Percentile
362.552 -- 1033.026	2,273	25.67	1,489,263	20.11	>50th to 75th Percentile
1038.703 -- 2694.722	1,259	14.22	1,828,325	24.69	>75th to 90th Percentile
2714.208 -- 10333.35	885	10.00	3,432,154	46.35	>90th to 100th Percentile



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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 2015

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## **Military Health Care Survey:**

### **Adult Questionnaire**

**October 2015**

#### **Privacy Advisory**

Providing information in this Survey is voluntary. There is no penalty nor will your benefits be affected if you choose not to respond, although maximum participation is encouraged so that the data will be complete and representative.

The Survey was written so that answers should not require you to provide any personally identifiable information (PII), but please be assured that any PII provided will be treated as confidential. Your responses are collected via a secure system which does not collect any information that could be used to determine your identity.

Answering the questions is voluntary; you may stop the Survey at any time.

According to the Privacy Act of 1974 (5 U.S.C. §552a), the Department of Defense is required to inform you of the purposes and use of this survey. Please read it carefully.

**Authority:** 10 U.S.C. §1074 (Medical and Dental Care for Members and Certain Former Members, as amended by National Defense Authorization Act of 1993, Public Law 102-484, §706); 10 U.S.C. §1074f (Medical Tracking System for Members Deployed Overseas); 32 C.F.R. §199.17 (TRICARE Program); 45 C.F.R. Part 160 Subparts A and E of Part 164 (Health Insurance Portability and Accountability Act of 1996, Privacy Rule); DoD 6025.18-R (Department of Defense Health Information Privacy Regulation); DoD 6025.13-R (Military Health System Clinical Quality Assurance Program Regulation); 64 FR 22837 (DHA 08 – Health Affairs Survey Data Base, April 28, 1999); and, E.O. 9397 (as amended, November 20, 2008, for SSN collection).

**Purpose:** This survey helps health policy makers gauge beneficiary satisfaction with the current military health care system and provides valuable input from beneficiaries that will be used to improve the Military Health System.

**Routine Uses:** None.

**Disclosure:** Participation is voluntary. Failure to respond will not result in any penalty to the respondent; however maximum participation is encouraged so that data will be as complete and representative as possible.

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## **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.

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## **SURVEY STARTS HERE**

**As an eligible TRICARE beneficiary, please complete this survey even if you did not receive your health care from a military facility.**

**The Department relies on benchmark data to report on quality and service, as well as making apple-to-apples comparisons of the TRICARE health plan performance with other civilian health plans.**

**This survey and most of its questions are closely modeled on the most widely used and nationally recognized patient experience survey in the U.S.—The Consumer Assessment of Healthcare Providers and Systems (CAHPS®) developed by the Department of Health and Human Services. That is why we use it.**

**We realize that some of the questions may not seem to specifically apply to you, but your ratings are important to us so we can compare TRICARE to civilian health plans.**

**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:** H16001

**Editing notes:** None

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
Yes	Go to Question 2	1	99.5%
No	Please give this questionnaire to the person addressed on the cover letter.	2	0.5%

**Question 2: By which of the following health plans are you currently covered?**

**MARK ALL THAT APPLY**

**Variable names:** H16002A, H16002C, H16002F-H16002V

**Editing notes:** None

**Military Health Plans**

<b>Response</b>	<b>Variable Name</b>	<b>Percent Marked</b>
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)	H16002A	45.0%
TRICARE Extra or Standard (CHAMPUS)	H16002C	12.7%
TRICARE Plus	H16002N	0.6%
TRICARE for Life	H16002O	30.9%
TRICARE Supplemental Insurance	H16002P	0.7%
TRICARE Reserve Select	H16002Q	3.1%
TRICARE Retired Reserve	H16002S	1.8%
TRICARE Young Adult Prime	H16002T	0.9%
TRICARE Young Adult Extra or Standard	H16002V	0.5%
Uniformed Services Family Health Plan (USFHP)	H16002K	1.6%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)	H16002U	0.0%

**Other Health Plans**

<b>Response</b>	<b>Variable Name</b>	<b>Percent Marked</b>
Medicare	H16002F	30.0%
Federal Employees Health Benefit Program (FEHBP)	H16002G	2.1%
Medicaid	H16002H	1.0%
A civilian HMO (such as Kaiser)	H16002I	1.9%
Other civilian health insurance (such as Blue Cross)	H16002J	6.2%
The Veterans Administration (VA)	H16002M	7.3%
Government health insurance from a country other than the US	H16002R	0.3%
Not sure	H16002L	4.3%

**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:** H16003**Editing notes:** See Note 1

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)		1	43.4%
TRICARE Extra or Standard (CHAMPUS)		3	8.7%
TRICARE Plus		11	0.5%
TRICARE Reserve Select		12	3.0%
TRICARE Retired Reserve		14	0.8%
TRICARE Young Adult Prime		15	0.7%
TRICARE Young Adult Extra or Standard		17	0.3%
Uniformed Services Family Health Plan (USFHP)		9	1.7%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)		16	0.0%
Medicare (may include TRICARE for Life)		4	25.3%
Federal Employees Health Benefit Program (FEHBP)		5	1.5%
Medicaid		6	0.3%
A civilian HMO (such as Kaiser)		7	1.7%
Other civilian health insurance (such as Blue Cross)		8	5.0%
The Veterans Administration (VA)		10	3.8%
Government health insurance from a country other than the US		13	0.1%
Not sure	Go to Question 5	-5	3.0%
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:** H16004**Editing notes:** See Note 1

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Less than 6 months	1	1.6%
6 up to 12 months	2	5.3%
12 up to 24 months	3	9.7%
2 up to 5 years	4	19.7%
5 up to 10 years	5	19.6%
10 or more years	6	44.1%

## YOUR HEALTH CARE IN THE LAST 12 MONTHS

These questions ask about your own health care. Do not include care you got when you stayed overnight in a hospital. Do not 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:** H16005

**Editing notes:** None

Response	Value	Percent
A military facility – This includes: Military clinic Military hospital PRIMUS clinic NAVCARE clinic	1	35.4%
A civilian facility – This includes: Doctor's office Clinic Hospital Civilian TRICARE contractor	2	54.9%
Uniformed Services Family Health Plan facility (USFHP)	3	1.3%
Veterans Affairs (VA) clinic or hospital	4	5.1%
I went to none of the listed types of facilities in the last 12 months	5	3.3%

**Question 6: In the last 12 months, did you have an illness, injury, or condition that needed care right away in a clinic, emergency room, or doctor's office?**

**Variable name:** H16006

**Editing notes:** See Note 2

Response	Directions	Value	Percent
Yes		1	46.1%
No	Go to Question 9	2	53.9%

**Question 7: In the last 12 months, when you needed care right away, how often did you get care as soon as you needed?**

**Variable name:** H16007

**Editing notes:** See Note 2

Response	Value	Percent
Never	1	2.6%
Sometimes	2	11.3%
Usually	3	21.9%
Always	4	64.3%
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 needed care right away 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:** H16008

**Editing notes:** See Note 2

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Same day	1	62.2%
1 day	2	14.0%
2 days	3	7.0%
3 days	4	3.5%
4-7 days	5	6.2%
8-14 days	6	3.3%
15 days or longer	7	3.8%
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 appointments for your health care at a doctor's office or clinic?**

**Variable name:** H16009

**Editing notes:** See Note 3

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
Yes		1	87.0%
No	Go to Question 12	2	13.0%

**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:** H16010

**Editing notes:** See Note 3

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Never	1	3.4%
Sometimes	2	16.8%
Usually	3	27.7%
Always	4	52.1%
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 days did you usually have to wait between making an appointment and actually seeing a provider?**

**Variable name:** H16011

**Editing notes:** See Note 3

Response	Value	Percent
Same day	1	7.7%
1 day	2	10.6%
2-3 days	3	22.5%
4-7 days	4	23.2%
8-14 days	5	18.1%
15-30 days	6	12.4%
31 days or longer	7	5.5%
I had no appointments in the last 12 months	-6	

**Question 12: In the last 12 months, not counting the times you needed health care right away, did you try to make an appointment with a health care provider at a military treatment facility (MTF)?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC01A-S16BC01D

**Editing notes:** See Note 3\_BC1 and Note 3\_BC2

Response	Directions	Variable Name	Percent Marked
Yes, by calling the MTF	Go to Question 14	S16BC01A	28.9%
Yes, by using TRICARE Online or secure messaging (i.e. "Relay Health")	Go to Question 14	S16BC01B	7.0%
Yes, in person by walking in	Go to Question 14	S16BC01C	7.3%
No, I did not try to make an appointment at an MTF		S16BC01D	62.9%

**Question 13: What are the reasons why you did not try to make an appointment at an MTF?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC04A-S16BC04G

**Editing notes:** See Note 3\_BC1, Note 3\_BC2, and Note 3\_BC4

Response	Directions	Variable Name	Percent Marked
I didn't need health care in the last 12 months	Go to Question 17	S16BC04A	12.1%
I would not have been able to get an appointment when I needed care	Go to Question 17	S16BC04B	7.0%
I would not have been able to schedule the appointment at a convenient time	Go to Question 17	S16BC04C	4.1%
I did not have the referral needed to make an appointment with a specialist at the MTF	Go to Question 17	S16BC04D	6.3%
The MTF location is inconvenient	Go to Question 17	S16BC04E	40.6%
I only use civilian providers	Go to Question 17	S16BC04F	31.7%
I prefer to receive health care from a civilian provider	Go to Question 17	S16BC04G	27.6%



**Question 14: Why did you try to make the appointment(s) at an MTF?****MARK ALL THAT APPLY****Variable names:** S16BC02A-S16BC02D**Editing notes:** See Note 3\_BC2

<b>Response</b>	<b>Variable Name</b>	<b>Percent Marked</b>
I needed primary care for a new illness, condition, or injury (e.g. family practice, general medicine, internal medicine, aerospace/flight/submarine medicine)	S16BC02A	49.4%
My primary care provider referred me for specialist care (e.g. specialty clinic, physical therapy, occupational therapy)	S16BC02B	27.6%
For a routine wellness visit (e.g. routine physical exam, routine eye exam, mammography, pap smear, prostate exam)	S16BC02C	46.7%
For follow-up care of an illness, condition, or injury (e.g. follow up visit for a previously diagnosed medical condition, prescription renewal, prenatal care)	S16BC02D	41.3%

**Question 15: Which of the following were true about the time(s) you tried to make an appointment at an MTF in the last 12 months?****MARK ALL THAT APPLY****Variable names:** S16BC03A-S16BC03E**Editing notes:** See Note 3\_BC2, Note 3\_BC3, and Note 3\_BC4

<b>Response</b>	<b>Directions</b>	<b>Variable Name</b>	<b>Percent Marked</b>
I did not make an appointment because no appointments were available		S16BC03A	6.6%
I did not make an appointment because the only appointments available were too far in the future		S16BC03B	7.2%
I did not make an appointment because no convenient appointment times were available		S16BC03C	3.3%
I made an appointment for a time that was not convenient for me	Go to Question 17	S16BC03D	23.4%
I was always able to make an appointment at a time that was convenient for me	Go to Question 17	S16BC03E	61.0%

**Question 16: Were you asked to call back at a future date when appointments might be available?****Variable name:** S16BC09**Editing notes:** See Note 3\_BC2 and Note 3\_BC4

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Yes	1	60.2%
No	2	39.8%

**Question 17: In the last 12 months, not counting the times you needed health care right away, did you try to make an appointment with a civilian health care provider?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC05A-S16BC05D

**Editing notes:** See Note 3\_BC5 and Note 3\_BC6

Response	Directions	Variable Name	Percent Marked
Yes, by phone	Go to Question 19	S16BC05A	60.7%
Yes, online	Go to Question 19	S16BC05B	3.8%
Yes, in person by walking in	Go to Question 19	S16BC05C	8.2%
No, I did not try to make an appointment with a civilian health provider		S16BC05D	33.7%

**Question 18: What are the reasons why you did not try to make an appointment with a civilian health care provider?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC08A-S16BC08F

**Editing notes:** See Note 3\_BC5, Note 3\_BC6, and Note 3\_BC8

Response	Directions	Variable Name	Percent Marked
I didn't need health care in the last 12 months	Go to Question 22	S16BC08A	30.0%
I receive all my health care from an MTF	Go to Question 22	S16BC08B	54.3%
I would not have been able to get an appointment when I needed care	Go to Question 22	S16BC08C	2.3%
I would not have been able to schedule the appointment at a convenient time	Go to Question 22	S16BC08D	2.5%
I did not have the referral needed to make an appointment with a specialist	Go to Question 22	S16BC08E	14.8%
The location of the civilian health care provider is inconvenient	Go to Question 22	S16BC08F	4.3%

**Question 19: Why did you try to make the appointment(s) with a civilian health care provider?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC06A-S16BC06D

**Editing notes:** See Note 3\_BC6

Response	Variable Name	Percent Marked
I needed primary care for a new illness, condition, or injury (e.g. family practice, general medicine, internal medicine)	S16BC06A	39.9%
My primary care provider referred me for specialist care (e.g. specialty clinic, physical therapy, occupational therapy)	S16BC06B	36.2%
For a routine wellness visit (e.g. routine physical exam, routine eye exam, mammography, pap smear, prostate exam)	S16BC06C	48.6%
For follow-up care of an illness, condition, or injury (e.g. follow up visit for a previously diagnosed medical condition, prescription renewal, prenatal care)	S16BC06D	47.8%

**Question 20: Which of the following were true about the time(s) you tried to make an appointment with a civilian health care provider in the last 12 months?**

**MARK ALL THAT APPLY**

**Variable names:** S16BC07A-S16BC07E

**Editing notes:** See Note 3\_BC6, Note 3\_BC7 and Note 3\_BC8

Response	Directions	Variable Name	Percent Marked
I did not make an appointment because no appointments were available		S16BC07A	1.1%
I did not make an appointment because the only appointments available were too far in the future		S16BC07B	1.4%
I did not make an appointment because no convenient appointment times were available		S16BC07C	0.8%
I made an appointment for a time that was not convenient for me	Go to Question 22	S16BC07D	8.5%
I was always able to make an appointment at a time that was convenient for me	Go to Question 22	S16BC07E	85.5%

**Question 21: Were you asked to call back at a future date when appointments might be available?**

**Variable name:** S16BC10

**Editing notes:** See Note 3\_BC6 and Note 3\_BC8

Response	Value	Percent
Yes	1	41.1%
No	2	58.9%

**Question 22: In the last 12 months, how many times did you go to an emergency room to get care for yourself?**

**Variable name:** H16012

**Editing notes:** None

Response	Value	Percent
None	1	71.0%
1	2	19.0%
2	3	6.2%
3	4	2.5%
4	5	0.8%
5 to 9	6	0.4%
10 or more	7	0.1%

**Question 23: In the last 12 months (not counting times you went to an emergency room), how many times did you go to a doctor's office or clinic to get health care for yourself?**

**Variable name:** H16013

**Editing notes:** See Note 4

Response	Directions	Value	Percent
None	Go to Question 29	1	14.3%
1		2	9.8%
2		3	16.2%
3		4	15.1%
4		5	13.7%
5 to 9		6	20.4%
10 or more		7	10.5%

**Question 24: 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:** H16014

**Editing notes:** See Note 4

Response	Value	Percent
Never	1	10.8%
Sometimes	2	25.9%
Usually	3	29.9%
Always	4	33.5%

**Question 25: 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:** H16015

**Editing notes:** See Notes 4 and 5

Response	Directions	Value	Percent
Yes	Go to Question 28	1	58.6%
No		2	41.4%

**Question 26: 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:** H16016

**Editing notes:** See Notes 4 and 5

Response	Value	Percent
Definitely yes	1	71.4%
Somewhat yes	2	24.9%
Somewhat no	3	2.5%
Definitely no	4	1.1%

**Question 27: 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:** H16017

**Editing notes:** See Notes 4 and 5

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Definitely yes	1	63.9%
Somewhat yes	2	25.4%
Somewhat no	3	6.8%
Definitely no	4	3.8%

**Question 28: Using any number from 0 to 10, 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:** H16018

**Editing notes:** See Note 4

<b>Response</b>	<b>Value</b>	<b>Percent</b>
0 – Worst health care possible	0	0.5%
1	1	0.5%
2	2	1.0%
3	3	1.6%
4	4	1.9%
5	5	5.3%
6	6	4.7%
7	7	10.5%
8	8	20.8%
9	9	20.0%
10 – Best health care possible	10	33.2%
I had no visits in the last 12 months	-6	

## YOUR PERSONAL DOCTOR

**Question 29: 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:** H16019

**Editing notes:** See Note 6

Response	Directions	Value	Percent
Yes		1	78.6%
No	Go to Question 40	2	21.4%

**Question 30: In the last 12 months, how many times did you visit your personal doctor to get care for yourself?**

**Variable name:** H16020

**Editing notes:** See Notes 6 and 7

Response	Directions	Value	Percent
None	Go to Question 35	0	8.5%
1		1	18.6%
2		2	23.3%
3		3	19.0%
4		4	13.6%
5 to 9		5	13.7%
10 or more		6	3.4%

**Question 31: In the last 12 months, how often did your personal doctor listen carefully to you?**

**Variable name:** H16021

**Editing notes:** See Notes 6 and 7

Response	Value	Percent
Never	1	0.8%
Sometimes	2	5.3%
Usually	3	17.3%
Always	4	76.6%
I had no visits in the last 12 months	-6	

**Question 32: In the last 12 months, how often did your personal doctor explain things in a way that was easy to understand?**

**Variable name:** H16022

**Editing notes:** See Notes 6 and 7

Response	Value	Percent
Never	1	0.6%
Sometimes	2	3.5%
Usually	3	17.9%
Always	4	77.9%
I had no visits in the last 12 months	-6	

**Question 33: In the last 12 months, how often did your personal doctor show respect for what you had to say?**

**Variable name:** H16023

**Editing notes:** See Notes 6 and 7

Response	Value	Percent
Never	1	1.1%
Sometimes	2	4.3%
Usually	3	14.4%
Always	4	80.3%
I had no visits in the last 12 months	-6	

**Question 34: In the last 12 months, how often did your personal doctor spend enough time with you?**

**Variable name:** H16024

**Editing notes:** See Notes 6 and 7

Response	Value	Percent
Never	1	1.9%
Sometimes	2	6.9%
Usually	3	21.7%
Always	4	69.5%
I had no visits in the last 12 months	-6	

**Question 35: In the last 12 months, did you get care from a doctor or other health provider besides your personal doctor?**

**Variable name:** H16025

**Editing notes:** See Notes 6, 7, and 8

Response	Directions	Value	Percent
Yes		1	75.4%
No	Go to Question 37	2	24.6%

**Question 36: 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:** H16026

**Editing notes:** See Notes 6, 7, and 8

Response	Value	Percent
Never	1	6.8%
Sometimes	2	13.4%
Usually	3	31.5%
Always	4	48.2%

**Question 37: 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:** H16027

**Editing notes:** See Note 6

<b>Response</b>	<b>Value</b>	<b>Percent</b>
0 – Worst personal doctor possible	0	0.6%
1	1	0.4%
2	2	0.6%
3	3	0.8%
4	4	1.1%
5	5	4.0%
6	6	3.0%
7	7	7.3%
8	8	16.2%
9	9	23.7%
10 – Best personal doctor possible	10	42.3%
I don't have a personal doctor	-6	

**Question 38: Did you have the same personal doctor before you joined this health plan?**

**Variable name:** S16009

**Editing notes:** See Notes 6 and 8\_01

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
Yes	Go to Question 40	1	30.6%
No		2	69.4%

**Question 39: 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:** S16010

**Editing notes:** See Note 8\_01

<b>Response</b>	<b>Value</b>	<b>Percent</b>
A big problem	1	12.1%
A small problem	2	21.8%
Not a problem	3	66.1%



## GETTING HEALTH CARE FROM A SPECIALIST

When you answer the next questions, do not include dental visits or care you got when you stayed overnight in a hospital.

**Question 40:** Specialists 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:** H16028

**Editing notes:** See Note 9

Response	Directions	Value	Percent
Yes		1	60.8%
No	Go to Question 44	2	39.2%

**Question 41:** In the last 12 months, how often did you get an appointment to see a specialist as soon as you needed?

**Variable name:** H16029

**Editing notes:** See Note 9

Response	Value	Percent
Never	1	4.8%
Sometimes	2	11.9%
Usually	3	31.0%
Always	4	52.2%
I didn't need a specialist in the last 12 months	-6	

**Question 42:** How many specialists have you seen in the last 12 months?

**Variable name:** H16030

**Editing notes:** See Notes 9 and 10

Response	Directions	Value	Percent
None	Go to Question 44	0	2.5%
1 specialist		1	40.0%
2		2	29.5%
3		3	15.5%
4		4	7.2%
5 or more specialists		5	5.3%

**Question 43: 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:** H16031

**Editing notes:** See Notes 9 and 10

Response	Value	Percent
0 – Worst specialist possible	0	0.6%
1	1	0.6%
2	2	0.7%
3	3	0.9%
4	4	1.1%
5	5	4.1%
6	6	2.8%
7	7	6.9%
8	8	15.6%
9	9	22.0%
10 – Best specialist possible	10	44.6%
I didn't see a specialist in the last 12 months	-6	

**Question 44: In general, how would you rate your overall mental or emotional health?**

**Variable name:** S16B01

**Editing notes:** None

Response	Value	Percent
Excellent	1	42.7%
Very good	2	29.9%
Good	3	18.3%
Fair	4	7.1%
Poor	5	2.0%

**Question 45: In the last 12 months, did you need any treatment or counseling for a personal or family problem?**

**Variable name:** S16B02

**Editing notes:** See Note 10\_B1

Response	Directions	Value	Percent
Yes		1	14.6%
No	Go to Question 48	2	85.4%

**Question 46: In the last 12 months, how much of a problem, if any, was it to get the treatment or counseling you needed through your health plan?**

**Variable name:** S16B03

**Editing notes:** See Note 10\_B1

Response	Value	Percent
A big problem	1	13.1%
A small problem	2	15.6%
Not a problem	3	71.3%

**Question 47: Using any number from 0 to 10 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:** S16B04

**Editing notes:** See Note 10\_B1

<b>Response</b>	<b>Value</b>	<b>Percent</b>
0 – Worst treatment or counseling possible	0	2.2%
1	1	3.1%
2	2	1.5%
3	3	1.6%
4	4	2.9%
5	5	6.8%
6	6	6.0%
7	7	8.7%
8	8	15.8%
9	9	14.0%
10 – Best treatment or counseling possible	10	37.4%
I had no treatment or counseling in the last 12 months	-6	

## YOUR HEALTH PLAN

The next questions ask about your experience with your health plan. By your health plan, we mean the health plan you marked in Question 3.

**Question 48: In the last 12 months, did you try to get any kind of care, tests, or treatment through your health plan?**

**Variable name:** H16032

**Editing notes:** See Note 11

Response	Directions	Value	Percent
Yes		1	75.5%
No	Go to Question 50	2	24.5%

**Question 49: In the last 12 months, how often was it easy to get the care, tests, or treatment you needed?**

**Variable name:** H16033

**Editing notes:** See Note 11

Response	Value	Percent
Never	1	2.9%
Sometimes	2	8.7%
Usually	3	25.1%
Always	4	63.3%
I didn't need care, tests, or treatment through my health plan in the last 12 months	-6	

**Question 50: 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:** H16034

**Editing notes:** See Note 12

Response	Directions	Value	Percent
Yes		1	31.9%
No	Go to Question 52	2	68.1%

**Question 51: 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:** H16035

**Editing notes:** See Note 12

Response	Value	Percent
Never	1	7.4%
Sometimes	2	26.9%
Usually	3	38.7%
Always	4	26.9%
I didn't look for information from my health plan in the last 12 months	-6	

**Question 52: 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:** H16036

**Editing notes:** See Note 13

Response	Directions	Value	Percent
Yes		1	17.0%
No	Go to Question 54	2	83.0%

**Question 53: 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:** H16037

**Editing notes:** See Note 13

Response	Value	Percent
Never	1	21.6%
Sometimes	2	20.0%
Usually	3	29.7%
Always	4	28.6%
I didn't need a health care service or equipment from my health plan in the last 12 months	-6	

**Question 54: 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:** H16038

**Editing notes:** See Note 14

Response	Directions	Value	Percent
Yes		1	24.2%
No	Go to Question 56	2	75.8%

**Question 55: 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:** H16039

**Editing notes:** See Note 14

Response	Value	Percent
Never	1	17.2%
Sometimes	2	16.1%
Usually	3	25.7%
Always	4	41.0%
I didn't need prescription medications from my health plan in the last 12 months	-6	

**Question 56: In the last 12 months, did you try to get information or help from your health plan's customer service?**

**Variable name:** H16040

**Editing notes:** See Note 15

Response	Directions	Value	Percent
Yes		1	26.7%
No	Go to Question 59	2	73.3%

**Question 57: In the last 12 months, how often did your health plan's customer service give you the information or help you needed?**

**Variable name:** H16041

**Editing notes:** See Note 15

Response	Value	Percent
Never	1	7.8%
Sometimes	2	18.2%
Usually	3	27.3%
Always	4	46.7%
I didn't call my health plan's customer service in the last 12 months	-6	

**Question 58: In the last 12 months, how often did your health plan's customer service staff treat you with courtesy and respect?**

**Variable name:** H16042

**Editing notes:** See Note 15

Response	Value	Percent
Never	1	3.0%
Sometimes	2	6.7%
Usually	3	21.6%
Always	4	68.7%
I didn't call my health plan's customer service in the last 12 months	-6	

**Question 59: In the last 12 months, did your health plan give you any forms to fill out?**

**Variable name:** H16043

**Editing notes:** See Note 16

Response	Directions	Value	Percent
Yes		1	23.5%
No	Go to Question 61	2	76.5%

**Question 60: In the last 12 months, how often were the forms from your health plan easy to fill out?**

**Variable name:** H16044

**Editing notes:** See Note 16

Response	Value	Percent
Never	1	4.2%
Sometimes	2	13.8%
Usually	3	40.9%
Always	4	41.1%
I didn't have any experiences with paperwork for my health plan in the last 12 months	-6	

**Question 61: 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:** H16045

**Editing notes:** See Note 17

Response	Directions	Value	Percent
Yes		1	48.2%
No	Go to Question 64	2	33.3%
Don't know	Go to Question 64	-5	18.5%

**Question 62: In the last 12 months, how often did your health plan handle your claims quickly?**

**Variable name:** H16046

**Editing notes:** See Note 17

Response	Value	Percent
Never	1	2.8%
Sometimes	2	5.6%
Usually	3	30.4%
Always	4	47.6%
Don't know	-5	13.7%
No claims were sent for me in the last 12 months	-6	

**Question 63: In the last 12 months, how often did your health plan handle your claims correctly?**

**Variable name:** H16047

**Editing notes:** See Note 17

Response	Value	Percent
Never	1	2.2%
Sometimes	2	4.6%
Usually	3	26.1%
Always	4	54.0%
Don't know	-5	13.1%
No claims were sent for me in the last 12 months	-6	

**Question 64: 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:** H16048

**Editing notes:** None

<b>Response</b>	<b>Value</b>	<b>Percent</b>
0 – Worst health plan possible	0	0.8%
1	1	0.5%
2	2	0.8%
3	3	1.0%
4	4	1.6%
5	5	6.8%
6	6	5.2%
7	7	11.8%
8	8	18.4%
9	9	20.6%
10 – Best health plan possible	10	32.4%



## 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 65: When did you last have a blood pressure reading?**

**Variable name:** H16049

**Editing notes:** None

Response	Value	Percent
Less than 12 months ago	3	94.5%
1 to 2 years ago	2	3.8%
More than 2 years ago	1	1.7%

**Question 66: Do you know if your blood pressure is too high?**

**Variable name:** H16050

**Editing notes:** None

Response	Value	Percent
Yes, it is too high	1	17.5%
No, it is not too high	2	78.4%
Don't know	3	4.1%

**Question 67: When did you last have a flu shot?**

**Variable name:** H16051

**Editing notes:** None

Response	Value	Percent
Less than 12 months ago	4	69.2%
1 – 2 years ago	3	14.0%
More than 2 years ago	2	9.4%
Never had a flu shot	1	7.4%

**Question 68: Have you ever smoked at least 100 cigarettes in your entire life?**

**Variable name:** H16052

**Editing notes:** None

Response	Value	Percent
Yes	1	36.8%
No	2	61.6%
Don't know	-5	1.5%

**Question 69: Do you now smoke cigarettes or use tobacco every day, some days or not at all?**

**Variable name:** H16053

**Editing notes:** See Note 18

Response	Directions	Value	Percent
Every day		4	6.8%
Some days		3	4.9%
Not at all	Go to Question 80	2	87.7%
Don't know	Go to Question 80	-5	0.6%

**Question 70: 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:** H16054

**Editing notes:** See Note 18

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Never	1	22.0%
Sometimes	2	23.5%
Usually	3	21.8%
Always	4	32.8%

**Question 71: 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:** H16055

**Editing notes:** See Note 18

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Never	1	49.0%
Sometimes	2	26.1%
Usually	3	11.6%
Always	4	13.3%

**Question 72: 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:** H16056

**Editing notes:** See Note 18

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Never	1	48.9%
Sometimes	2	24.6%
Usually	3	16.1%
Always	4	10.5%

**Question 73: On the days you smoke or use tobacco products, what type of product do you smoke or use?**

**MARK ALL THAT APPLY**

**Variable names:** H16057A-H16057D

**Editing notes:** See Note 18

<b>Response</b>	<b>Variable Name</b>	<b>Percent Marked</b>
Cigarettes	H16057A	64.5%
Dip, chewing tobacco, snuff or snus	H16057B	19.6%
Cigars	H16057C	11.4%
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.)	H16057D	5.9%

**Question 74: Electronic cigarettes, or e-cigarettes as they are often called, are battery-operated devices that simulate smoking a cigarette, but do not involve the burning of tobacco. The heated vapor produced by an e-cigarette often contains nicotine. Before today, had you ever heard of electronic cigarettes or e-cigarettes?**

**Variable name:** S16BF1

**Editing notes:** See Note 18\_BF1

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
Yes		1	83.8%
No	Go to Question 80	2	15.3%
Don't know	Go to Question 80	-5	0.9%

**Question 75: Have you ever used an electronic cigarette, even just one time in your entire life?**

**Variable name:** S16BF2

**Editing notes:** See Note 18\_BF1

<b>Response</b>	<b>Directions</b>	<b>Value</b>	<b>Percent</b>
Yes		1	46.5%
No	Go to Question 80	2	52.9%
Don't know	Go to Question 80	-5	0.6%

**Question 76: How many times in total do you think you have used an electronic cigarette during your lifetime?**

**Variable name:** S16BF3

**Editing notes:** See Note 18\_BF1

<b>Response</b>	<b>Value</b>	<b>Percent</b>
1 - 10	1	44.7%
11 – 20	2	10.1%
21 – 50	3	10.4%
Over 50 times	4	32.8%
Don't know	-5	2.0%

**Question 77: Do you now use electronic cigarettes every day, some days, or not at all?**

**Variable name:** S16BF4

**Editing notes:** See Notes 18\_BF1 and 18\_BF2

Response	Directions	Value	Percent
Every day		1	7.6%
Some days		2	25.6%
Not at all	Go to Question 80	3	66.5%
Don't know	Go to Question 80	-5	0.3%

**Question 78: Were any of the electronic cigarettes that you used in the past 30 days flavored to taste like menthol, mint, clove, spice, candy, fruit, chocolate, or other sweets?**

**Variable name:** S16BF5

**Editing notes:** See Notes 18\_BF1 and 18\_BF2

Response	Value	Percent
Yes	1	84.0%
No	2	15.3%
Don't know	-5	0.7%
I didn't use any electronic cigarettes in the past 30 days	-6	

**Question 79: At any time during the past 12 months, did you completely switch from smoking traditional cigarettes to using electronic or e-cigarettes?**

**Variable name:** S16BF6

**Editing notes:** See Notes 18\_BF1 and 18\_BF2

Response	Value	Percent
Yes	1	53.3%
No	2	46.7%

**Question 80: Are you male or female?**

**Variable name:** H16058

**Editing notes:** See Note 19A

Response	Directions	Value	Percent
Male	Go to Question 87	1	50.3%
Female		2	49.7%

**Question 81: When did you last have a Pap smear test?**

**Variable name:** H16059B

**Editing notes:** See Notes 19A and 19B

Response	Value	Percent
Within the last 12 months	6	36.3%
1 to 2 years ago	5	24.3%
More than 2 but less than 3 years ago	4	9.9%
More than 3 but less than 5 years ago	3	8.2%
5 or more years ago	2	16.2%
Never had a pap smear test	1	5.2%

**Question 82: Are you under age 40?****Variable name:** H16060**Editing notes:** See Notes 19A, 19B, and 20

Response	Directions	Value	Percent
Yes	Go to Question 84	1	33.4%
No		2	66.6%

**Question 83: When was the last time your breasts were checked by mammography?****Variable name:** H16061**Editing notes:** See Notes 19A, 19B, and 20

Response	Value	Percent
Within the last 12 months	5	65.7%
1 to 2 years ago	4	17.0%
More than 2 but less than 5 years ago	3	7.4%
5 or more years ago	2	6.1%
Never had a mammogram	1	3.9%

**Question 84: Have you been pregnant in the last 12 months or are you pregnant now?****Variable name:** H16062**Editing notes:** See Notes 19A, 19B, and 21

Response	Directions	Value	Percent
Yes, I am currently pregnant		1	3.5%
No, I am not currently pregnant, but have been pregnant in the past 12 months	Go to Question 86	2	3.6%
No, I am not currently pregnant, and have not been pregnant in the past 12 months	Go to Question 87	3	92.8%

**Question 85: In what trimester is your pregnancy?****Variable name:** H16063**Editing notes:** See Notes 19A, 19B, and 21

Response	Directions	Value	Percent
First trimester (up to 12 weeks after 1 <sup>st</sup> day of last period)	Go to Question 87	1	29.3%
Second trimester (13 <sup>th</sup> through 27 <sup>th</sup> week)		2	44.1%
Third trimester (28 <sup>th</sup> week until delivery)		3	26.6%

**Question 86: In which trimester did you first receive prenatal care?****Variable name:** H16064**Editing notes:** See Notes 19A, 19B, and 21

Response	Value	Percent
First trimester (up to 12 weeks after 1 <sup>st</sup> day of last period)	4	86.9%
Second trimester ( 13 <sup>th</sup> through 27 <sup>th</sup> week)	3	10.1%
Third trimester (28 <sup>th</sup> week until delivery)	2	0.2%
Did not receive prenatal care	1	2.9%

## ABOUT YOU

**Question 87: In general, how would you rate your overall health?**

**Variable name:** H16065

**Editing notes:** None

Response	Value	Percent
Excellent	5	18.1%
Very good	4	37.9%
Good	3	32.1%
Fair	2	10.1%
Poor	1	1.7%

**Question 88: Are you limited in any way in any activities because of any impairment or health problem?**

**Variable name:** H16066

**Editing notes:** None

Response	Value	Percent
Yes	1	36.2%
No	2	63.8%

**Question 89: In the last 12 months, did you get health care 3 or more times for the same condition or problem?**

**Variable name:** H16067

**Editing notes:** See Note 22

Response	Directions	Value	Percent
Yes		1	43.2%
No	Go to Question 91	2	56.8%

**Question 90: Is this a condition or problem that has lasted for at least 3 months? Do not include pregnancy or menopause.**

**Variable name:** H16068

**Editing notes:** See Note 22

Response	Value	Percent
Yes	1	85.4%
No	2	14.6%

**Question 91: Do you now need or take medicine prescribed by a doctor? Do not include birth control.**

**Variable name:** H16069

**Editing notes:** See Note 23

Response	Directions	Value	Percent
Yes		1	67.6%
No	Go to Question 93	2	32.4%

**Question 92: Is this medicine to treat a condition that has lasted for at least 3 months? Do not include pregnancy or menopause.**

**Variable name:** H16070

**Editing notes:** See Note 23

Response	Value	Percent
Yes	1	94.1%
No	2	5.9%

**Question 93: How tall are you without your shoes on? Please give your answer in feet and inches.**

**Variable name:** H16071F, H16071I

**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	94.7%

**Question 94: How much do you weigh without your shoes on? Please give your answer in pounds.**

**Variable name:** H16072

**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	94.7%

**Question 95: What is the highest grade or level of school that you have completed?**

**Variable name:** SREDA

**Editing notes:** None

Response	Value	Percent
8 <sup>th</sup> grade or less	1	0.7%
Some high school, but did not graduate	2	1.8%
High school graduate or GED	3	18.3%
Some college or 2-year degree	4	40.3%
4-year college graduate	5	18.8%
More than 4-year college degree	6	20.1%

**Question 96: Are you of Hispanic or Latino origin or descent? (Mark “NO” if not Spanish/Hispanic/Latino.)**

**MARK ALL THAT APPLY**

**Variable names:** H16073A-H16073E, H16073

**Editing notes:** See Note 24

<b>Response</b>	<b>Variable Name</b>	<b>H16073 Value</b>	<b>Percent Marked</b>
No, not Spanish, Hispanic, or Latino	H16073A	1	87.3%
Yes, Mexican, Mexican American, Chicano	H16073B	2	2.9%
Yes, Puerto Rican	H16073C	3	2.8%
Yes, Cuban	H16073D	4	0.2%
Yes, other Spanish, Hispanic, or Latino	H16073E	5	3.3%

**Question 97: What is your race?**

**MARK ALL THAT APPLY**

**Variable names:** SRRACEA-SRRACEE

**Editing notes:** None

<b>Response</b>	<b>Variable Name</b>	<b>Percent Marked</b>
White	SRRACEA	78.4%
Black or African American	SRRACEB	10.2%
American Indian or Alaska Native	SRRACEC	2.3%
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 98: What is your age now?**

**Variable name:** SRAGE

**Editing notes:** None

<b>Response</b>	<b>Value</b>	<b>Percent</b>
18 to 24	1	12.0%
25 to 34	2	15.6%
35 to 44	3	12.5%
45 to 54	4	10.1%
55 to 64	5	18.8%
65 to 74	6	17.1%
75 or older	7	13.9%



**Question 99: Are you currently covered by Medicare?****Variable name:** H16074**Editing notes:** See Note 25

Response	Directions	Value	Percent
Yes		1	34.2%
No	Go to Question 105	2	58.3%
Don't know	Go to Question 105	-5	7.5%

**Question 100: 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:** H16075**Editing notes:** See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare Part A	1	92.9%
No, I am not covered by Medicare Part A	2	7.1%

**Question 101: 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:** H16076**Editing notes:** See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare Part B	1	91.0%
No, I am not covered by Medicare Part B	2	9.0%

**Question 102: 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:** H16077**Editing notes:** See Note 25

Response	Value	Percent
Yes	1	3.9%
No	2	80.5%
Don't know	-5	15.6%

**Question 103: 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:** H16078**Editing notes:** See Note 25

Response	Value	Percent
Yes, I am now covered by Medicare supplemental insurance	1	13.9%
No, I am not covered by Medicare supplemental insurance	2	86.1%

**Question 104: Are you enrolled in Medicare Part D, also known as the Medicare Prescription Drug Plan?**

**Variable name:** H16079

**Editing notes:** See Note 25

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Yes	1	10.0%
No	2	79.1%
Don't know	-5	10.9%

**Question 105: 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:** S16011

**Editing notes:** None

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Strongly disagree	1	4.8%
Disagree	2	5.0%
Neither agree nor disagree	3	8.9%
Agree	4	41.9%
Strongly agree	5	39.4%

**Question 106: 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:** S16014

**Editing notes:** None

<b>Response</b>	<b>Value</b>	<b>Percent</b>
Completely dissatisfied	1	3.7%
Somewhat dissatisfied	2	3.8%
Neither satisfied nor dissatisfied	3	7.5%
Somewhat satisfied	4	22.6%
Completely satisfied	5	62.4%

**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**

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DEFENSE  
HEALTH AGENCY

SAMPLE INVITATION LETTER - Quarter I  
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE  
HEALTH AFFAIRS**  
7700 ARLINGTON BOULEVARD, SUITE 5101  
FALLS CHURCH, VIRGINIA 22042-5101

7 October 2015

1234567890 1504465701 5102 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 2015 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 1 December 2015**. 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](mailto:dod.health@ipsos-research.com); by calling **877-236-2390**; or sending a fax to **800-409-7681**. For prompt assistance, please include your ID number, **1234567890**. For questions related to TRICARE, please go to [www.tricare.mil/contactus](http://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.



DEFENSE  
HEALTH AGENCY

SAMPLE REMINDER LETTER - Quarter I  
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE  
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101  
FALLS CHURCH, VIRGINIA 22042-5101

10 December 2015

1234567890 1504465701 5102 2001

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 2015 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 25 January 2016**.

Web site: <http://www.health.mil/healthsurveys>  
**Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)**  
Your password: **<password>**

Be sure to enter the address into the address box of your internet browser, **not a search engine** (e.g., 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](mailto:dod.health@ipsos-research.com); by calling **877-236-2390**; or sending a fax to **800-409-7681**. For prompt assistance, please include your ID number, **1234567890**. For questions related to TRICARE, please go to [www.tricare.mil/contactus](http://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. 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 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.

## SAMPLE INSTRUCTIONS AND FREQUENTLY ASKED QUESTIONS - Quarter I

# Access the survey in 4 easy steps

1

Please open up your 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 exactly as it appears on the notice you received.



3

Press the Enter key on your keyboard and you will go to this website. Click the **“Take Survey #1”** in the first of the three boxes in the middle of your screen.



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

### Why should I take part in this survey?

Your feedback will benefit not only you and your family, but also other fellow military families. This important survey about your health care experiences will be used to evaluate the services beneficiaries have received in meeting their health care needs.

### I have questions regarding TRICARE, not this survey. Where can I get answers?

The survey vendor, Ipsos, may not be able to answer questions regarding TRICARE or TRICARE eligibility. For those, please go to [www.tricare.mil/contactus](http://www.tricare.mil/contactus), or call 877-874-2273 for the North Region, 800-444-5445 for the South Region, or 877-988-9378 for the West Region.

### How was my name selected? Can you pick someone else?

We selected a statistical sample of beneficiaries. Those selected cannot be replaced, and your responses to the survey are critical to helping us learn more about health care experiences. This survey is very important to DoD and your input is truly critical to our efforts.

### Is this survey regarding a particular health care visit?

No, this survey will ask you questions regarding your overall experience with your health care and not about a specific health care visit.

## SAMPLE EMAIL 1, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The military is a critical component of the U.S. defense system, providing safety and security to civilians across the country. Therefore, it is essential to ensure that military members have access to comprehensive and affordable health care. You can be a part of the effort to improve the military health care system by participating in the DoD's October 2015 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, and your feedback will help the DoD understand the necessary advancements that must be made to the health care system that will ultimately benefit military members and their families nationwide.

Please complete the survey before 1 December 2015 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.

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.

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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](mailto: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](http://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 <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/TRICARE-Patient-Satisfaction-Surveys>.



## SAMPLE EMAIL 2, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

As a reminder, you have been invited to participate in the Department of Defense's October 2015 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 input about your overall health care experiences. If you have already responded, thank you; otherwise, please consider setting aside a few minutes to complete the survey, which will benefit you and your family as well as other military families.

Please complete the survey before 1 December 2015 by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

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Defense Health Agency  
Office of the Assistant Secretary of Defense (Health Affairs)

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## SAMPLE EMAIL 3, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been chosen to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. Your responses are vital in helping the DoD to improve the military health care system, which will benefit military members nationwide. The survey asks about your overall health care experiences, not about a particular health care visit. Thank you for your feedback if you have already responded. Otherwise, please take a few moments to complete the survey.

Please complete the survey before 1 December 2015 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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## SAMPLE EMAIL 4, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The Department of Defense has recently contacted you about completing the October 2015 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 lives of all military members and their families, and you can be an active participant by submitting your responses. This survey is not about a particular health care visit, but about your overall health care experiences instead. Please complete the survey before 1 December 2015. If you have already done so, thank you for your time!

Please complete the survey before 1 December 2015 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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## SAMPLE EMAIL 5, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Time is running out to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. The DoD is dedicated to improving military health care, and your feedback will go a long way in helping to generate positive changes to the health care system. This affects not only military members, but their families as well. Please consider completing the survey; if you have already responded, your input is greatly appreciated. The survey asks about your overall health care experiences, not about a particular visit.

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]

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Defense Health Agency  
Office of the Assistant Secretary of Defense (Health Affairs)

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## SAMPLE EMAIL 6, Portal URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The opportunity to contribute your feedback will soon be over. We need to hear from you in order to make improvements to the quality of care for our 9.5 million military health system beneficiaries. Sharing your experiences through the survey will take only a short time, and will have a tangible benefit for these military members and their families. Please make your voice heard before this opportunity passes.

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.

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## SAMPLE EMAIL 1, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The military is a critical component of the U.S. defense system, providing safety and security to civilians across the country. Therefore, it is essential to ensure that military members have access to comprehensive and affordable health care. You can be a part of the effort to improve the military health care system by participating in the DoD's October 2015 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, and your feedback will help the DoD understand the necessary advancements that must be made to the health care system that will ultimately benefit military members and their families nationwide.

Please complete the survey before 1 December 2015 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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## SAMPLE EMAIL 2, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

As a reminder, you have been invited to participate in the Department of Defense's October 2015 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 input about your overall health care experiences. If you have already responded, thank you; otherwise, please consider setting aside a few minutes to complete the survey, which will benefit you and your family as well as other military families.

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Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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## SAMPLE EMAIL 3, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been chosen to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. Your responses are vital in helping the DoD improve the military health care system, which will benefit military members nationwide. The survey asks about your overall health care experiences, not about a particular health care visit. Thank you for your feedback if you have already responded. Otherwise, please take a few moments to complete the survey.

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## SAMPLE EMAIL 4, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The Department of Defense has recently contacted you about completing the October 2015 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 lives of all military members and their families, and you can be an active participant by submitting your responses. This survey is not about a particular health care visit, but about your overall health care experiences instead. Please complete the survey before 1 December 2015. If you have already done so, thank you for your time!

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Your password: [PASSWORD]

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## SAMPLE EMAIL 5, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Time is running out to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. The DoD is dedicated to improving military health care, and your feedback will go a long way in helping to generate positive changes to the health care system. This affects not only military members, but their families as well. Please consider completing the survey; if you have already responded, your input is greatly appreciated. The survey asks about your overall health care experiences, not about a particular visit.

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Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Your password: [PASSWORD]

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## SAMPLE EMAIL 6, Portal URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The opportunity to contribute your feedback will soon be over. We need to hear from you in order to make improvements to the quality of care for our 9.5 million military health system beneficiaries. Sharing your experiences through the survey will take only a short time, and will have a tangible benefit for these military members and their families. Please make your voice heard before this opportunity passes.

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]

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## SAMPLE EMAIL 1, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The military is a critical component of the U.S. defense system, providing safety and security to civilians across the country. Therefore, it is essential to ensure that military members have access to comprehensive and affordable health care. You can be a part of the effort to improve the military health care system by participating in the DoD's October 2015 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, and your feedback will help the DoD understand the necessary advancements that must be made to the health care system that will ultimately benefit military members and their families nationwide.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

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.

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.

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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](mailto: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](http://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 <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/TRICARE-Patient-Satisfaction-Surveys>.

## SAMPLE EMAIL 2, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

As a reminder, you have been invited to participate in the Department of Defense's October 2015 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 input about your overall health care experiences. If you have already responded, thank you; otherwise, please consider setting aside a few minutes to complete the survey, which will benefit you and your family as well as other military families.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

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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## SAMPLE EMAIL 3, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been chosen to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. Your responses are vital in helping the DoD improve the military health care system, which will benefit military members nationwide. The survey asks about your overall health care experiences, not about a particular health care visit. Thank you for your feedback if you have already responded. Otherwise, please take a few moments to complete the survey.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

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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## SAMPLE EMAIL 4, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The Department of Defense has recently contacted you about completing the October 2015 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 lives of all military members and their families, and you can be an active participant by submitting your responses. This survey is not about a particular health care visit, but about your overall health care experiences instead. Please complete the survey before 1 December 2015. If you have already done so, thank you for your time!

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

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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## SAMPLE EMAIL 5, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Time is running out to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. The DoD is dedicated to improving military health care, and your feedback will go a long way in helping to generate positive changes to the health care system. This affects not only military members, but their families as well. Please consider completing the survey; if you have already responded, your input is greatly appreciated. The survey asks about your overall health care experiences, not about a particular visit.

Please complete the survey by visiting the link below.

[URL]

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## SAMPLE EMAIL 6, Survey URL without attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The opportunity to contribute your feedback will soon be over. We need to hear from you in order to make improvements to the quality of care for our 9.5 million military health system beneficiaries. Sharing your experiences through the survey will take only a short time, and will have a tangible benefit for these military members and their families. Please make your voice heard before this opportunity passes.

Please complete the survey by visiting the link below.

[URL]

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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Office of the Assistant Secretary of Defense (Health Affairs)

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## SAMPLE EMAIL 1, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The military is a critical component of the U.S. defense system, providing safety and security to civilians across the country. Therefore, it is essential to ensure that military members have access to comprehensive and affordable health care. You can be a part of the effort to improve the military health care system by participating in the DoD's October 2015 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, and your feedback will help the DoD understand the necessary advancements that must be made to the health care system that will ultimately benefit military members and their families nationwide.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

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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## SAMPLE EMAIL 2, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

As a reminder, you have been invited to participate in the Department of Defense's October 2015 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 input about your overall health care experiences. If you have already responded, thank you; otherwise, please consider setting aside a few minutes to complete the survey, which will benefit you and your family as well as other military families.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

Your password: [PASSWORD]

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Office of the Assistant Secretary of Defense (Health Affairs)

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## SAMPLE EMAIL 3, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been chosen to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. Your responses are vital in helping the DoD improve the military health care system, which will benefit military members nationwide. The survey asks about your overall health care experiences, not about a particular health care visit. Thank you for your feedback if you have already responded. Otherwise, please take a few moments to complete the survey.

Please complete the survey before 1 December 2015 by visiting the link below.

[URL]

Your password: [PASSWORD]

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## SAMPLE EMAIL 4, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The Department of Defense has recently contacted you about completing the October 2015 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 lives of all military members and their families, and you can be an active participant by submitting your responses. This survey is not about a particular health care visit, but about your overall health care experiences instead. Please complete the survey before 1 December 2015. If you have already done so, thank you for your time!

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Your password: [PASSWORD]

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## SAMPLE EMAIL 5, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Time is running out to participate in the October 2015 Health Care Survey of Department of Defense Beneficiaries. The DoD is dedicated to improving military health care, and your feedback will go a long way in helping to generate positive changes to the health care system. This affects not only military members, but their families as well. Please consider completing the survey; if you have already responded, your input is greatly appreciated. The survey asks about your overall health care experiences, not about a particular visit.

Please complete the survey by visiting the link below.

[URL]

Your password: [PASSWORD]

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## SAMPLE EMAIL 6, Survey URL with attachment - Quarter I

[#DATE#]

[SYNOVATEID]

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The opportunity to contribute your feedback will soon be over. We need to hear from you in order to make improvements to the quality of care for our 9.5 million military health system beneficiaries. Sharing your experiences through the survey will take only a short time, and will have a tangible benefit for these military members and their families. Please make your voice heard before this opportunity passes.

Please complete the survey by visiting the link below.

[URL]

Your password: [PASSWORD]

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## **APPENDIX C**

### **CROSSWALK BETWEEN 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, AND 2016 QUESTIONS FOR ADULT HCSDB – QUARTER I**



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# CROSSWALK BETWEEN 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, AND 2016 ADULT SURVEY QUESTIONS

2016 Variable Name	2016 Quarter 3 Question Number	2016 Quarter 2 Question Number	2016 Quarter 1 Question Number	Identical to 2015	Question Number in 2015 Survey	Question Number in 2014 Survey	Question Number in 2013 Survey	Question Number in 2012 Survey	Question Number in 2011 Survey	Question Number in 2010 Survey	Question Number in 2009 Survey	Question Number in 2008 Survey	Comments
H16001			Q.01	T	H15001	H14001 <sup>Q</sup>	H13001 <sup>P</sup>	H12001 <sup>o</sup>	H11001 <sup>N</sup>	H10001 <sup>M</sup>	H09001 <sup>L</sup>	H08001	
H16002A, H16002C, H16002F- H16002V			Q.02	T	H15002A, H15002C, H15002F- H15002V	H14002A- H14002V <sup>Q</sup>	H13002A- H13002U	H12002A- H12002U <sup>o</sup>	H11002A- H11002R	H10002A- H10002R <sup>M</sup>	H09002A- H09002R <sup>L</sup>	H08002A- H08002R <sup>K</sup>	
H16003			Q.03	T	H15003	H14003 <sup>Q</sup>	H13003	H12003	H11003	H10003 <sup>M</sup>	H09003 <sup>L</sup>	H08006 <sup>K</sup>	
H16004			Q.04	T	H15004	H14004 <sup>Q</sup>	H13004	H12004	H11004 <sup>N</sup>	H10004 <sup>M</sup>	H09004 <sup>L</sup>	H08007 <sup>K</sup>	
H16005			Q.05	T	H15005	H14005 <sup>Q</sup>	H13005	H12005	H11005 <sup>N</sup>	H10005 <sup>M</sup>	H09005 <sup>L</sup>	H08038 <sup>K</sup>	
H16006			Q.06	T	H15006	H14006 <sup>Q</sup>	H13006 <sup>P</sup>	H12006 <sup>o</sup>	H11006 <sup>N</sup>	H10006 <sup>M</sup>	H09006 <sup>L</sup>	H08018 <sup>K</sup>	
H16007			Q.07	T	H15007	H14007 <sup>Q</sup>	H13007	H12007 <sup>o</sup>	H11007 <sup>N</sup>	H10007 <sup>M</sup>	H09007 <sup>L</sup>	H08019	
H16008			Q.08	T	H15008	H14008 <sup>Q</sup>	H13008 <sup>P</sup>	H12008 <sup>o</sup>	H11008 <sup>N</sup>	H10008 <sup>M</sup>	H09008 <sup>L</sup>	H08020 <sup>K</sup>	
H16009			Q.09	T	H15009	H14009 <sup>Q</sup>	H13009 <sup>P</sup>	H12009 <sup>o</sup>	H11009 <sup>N</sup>	H10009 <sup>M</sup>	H09009 <sup>L</sup>	H08021	
H16010			Q.10	T	H15010	H14010 <sup>Q</sup>	H13010	H12010 <sup>o</sup>	H11010 <sup>N</sup>	H10010 <sup>M</sup>	H09010 <sup>L</sup>	H08022	
H16011			Q.11	T	H15011	H14011 <sup>Q</sup>	H13011 <sup>P</sup>	H12011 <sup>o</sup>	H11011 <sup>N</sup>	H10011 <sup>M</sup>	H09011 <sup>L</sup>	H08023 <sup>K</sup>	
H16012			Q.22	T	H15012	H14012 <sup>Q</sup>	H13012 <sup>P</sup>	H12012 <sup>o</sup>	H11012 <sup>N</sup>	H10012 <sup>M</sup>	H09012 <sup>L</sup>	H08024 <sup>K</sup>	
H16013			Q.23	T	H15013	H14013 <sup>Q</sup>	H13013 <sup>P</sup>	H12013 <sup>o</sup>	H11013 <sup>N</sup>	H10013 <sup>M</sup>	H09013 <sup>L</sup>	H08025	
H16014			Q.24	T	H15014	H14014 <sup>Q</sup>	H13014 <sup>P</sup>	H12014 <sup>o</sup>	H11014 <sup>N</sup>	H10014 <sup>M</sup>	H09014 <sup>L</sup>		
H16015			Q.25	T	H15015	H14015 <sup>Q</sup>	H13015 <sup>P</sup>	H12015 <sup>o</sup>	H11015 <sup>N</sup>	H10015 <sup>M</sup>	H09015 <sup>L</sup>		
H16016			Q.26	T	H15016	H14016 <sup>Q</sup>	H13016 <sup>P</sup>	H12016 <sup>o</sup>	H11016 <sup>N</sup>	H10016 <sup>M</sup>	H09016 <sup>L</sup>		
H16017			Q.27	T	H15017	H14017 <sup>Q</sup>	H13017 <sup>P</sup>	H12017 <sup>o</sup>	H11017 <sup>N</sup>	H10017 <sup>M</sup>	H09017 <sup>L</sup>		
H16018			Q.28	T	H15018	H14018 <sup>Q</sup>	H13018 <sup>P</sup>	H12018 <sup>o</sup>	H11018 <sup>N</sup>	H10018 <sup>M</sup>	H09018 <sup>L</sup>	H08037 <sup>K</sup>	
H16019			Q.29	T	H15019	H14019 <sup>Q</sup>	H13019 <sup>P</sup>	H12019 <sup>o</sup>	H11019 <sup>N</sup>	H10019 <sup>M</sup>	H09019 <sup>L</sup>	H08008	
H16020			Q.30	T	H15020	H14020 <sup>Q</sup>	H13020 <sup>P</sup>	H12020 <sup>o</sup>	H11020 <sup>N</sup>	H10020 <sup>M</sup>	H09020 <sup>L</sup>		

<sup>K</sup> Identical to 2009

<sup>L</sup> Identical to 2010

<sup>M</sup> Identical to 2011

<sup>N</sup> Identical to 2012

<sup>o</sup> Identical to 2013

<sup>P</sup> Identical to 2014

<sup>Q</sup> Identical to 2015

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H16021			Q.31	T	H15021	H14021 <sup>Q</sup>	H13021 <sup>P</sup>	H12021 <sup>o</sup>	H11021 <sup>N</sup>	H10021 <sup>M</sup>	H09021 <sup>L</sup>	H08033	
H16022			Q.32	T	H15022	H14022 <sup>Q</sup>	H13022 <sup>P</sup>	H12022 <sup>o</sup>	H11022 <sup>N</sup>	H10022 <sup>M</sup>	H09022 <sup>L</sup>	H08034	
H16023			Q.33	T	H15023	H14023 <sup>Q</sup>	H13023 <sup>P</sup>	H12023 <sup>o</sup>	H11023 <sup>N</sup>	H10023 <sup>M</sup>	H09023 <sup>L</sup>	H08035	
H16024			Q.34	T	H15024	H14024 <sup>Q</sup>	H13024 <sup>P</sup>	H12024 <sup>o</sup>	H11024 <sup>N</sup>	H10024 <sup>M</sup>	H09024 <sup>L</sup>	H08036	
H16025			Q.35	T	H15025	H14025 <sup>Q</sup>	H13025 <sup>P</sup>	H12025 <sup>o</sup>	H11025 <sup>N</sup>	H10025 <sup>M</sup>	H09025 <sup>L</sup>		
H16026			Q.36	T	H15026	H14026 <sup>Q</sup>	H13026 <sup>P</sup>	H12026 <sup>o</sup>	H11026 <sup>N</sup>	H10026 <sup>M</sup>	H09026 <sup>L</sup>		
H16027			Q.37	T	H15027	H14027 <sup>Q</sup>	H13027 <sup>P</sup>	H12027 <sup>o</sup>	H11027 <sup>N</sup>	H10027 <sup>M</sup>	H09027 <sup>L</sup>	H08009	
H16028			Q.40	T	H15028	H14028 <sup>Q</sup>	H13028 <sup>P</sup>	H12028 <sup>o</sup>	H11028 <sup>N</sup>	H10028 <sup>M</sup>	H09028 <sup>L</sup>		
H16029			Q.41	T	H15029	H14029 <sup>Q</sup>	H13029	H12029 <sup>o</sup>	H11029 <sup>N</sup>	H10029 <sup>M</sup>	H09029 <sup>L</sup>		
H16030			Q.42	T	H15030	H14030 <sup>Q</sup>	H13030 <sup>P</sup>	H12030 <sup>o</sup>	H11030 <sup>N</sup>	H10030 <sup>M</sup>	H09030 <sup>L</sup>		
H16031			Q.43	T	H15031	H14031 <sup>Q</sup>	H13031 <sup>P</sup>	H12031 <sup>o</sup>	H11031 <sup>N</sup>	H10031 <sup>M</sup>	H09031 <sup>L</sup>	H08015 <sup>K</sup>	
H16032			Q.48	T	H15032	H14032 <sup>Q</sup>	H13032 <sup>P</sup>	H12032 <sup>o</sup>	H11032 <sup>N</sup>	H10032 <sup>M</sup>	H09032 <sup>L</sup>		
H16033			Q.49	T	H15033	H14033 <sup>Q</sup>	H13033 <sup>P</sup>	H12033 <sup>o</sup>	H11033 <sup>N</sup>	H10033 <sup>M</sup>	H09033 <sup>L</sup>		
H16034			Q.50	T	H15034	H14034 <sup>Q</sup>	H13034 <sup>P</sup>	H12034 <sup>o</sup>	H11034 <sup>N</sup>	H10034B <sup>M</sup>	H09034B <sup>L</sup>		
H16035			Q.51	T	H15035	H14035 <sup>Q</sup>	H13035 <sup>P</sup>	H12035 <sup>o</sup>	H11035 <sup>N</sup>	H10034 <sup>M</sup>	H09034 <sup>L</sup>		
H16036			Q.52	T	H15036	H14036 <sup>Q</sup>	H13036 <sup>P</sup>	H12036 <sup>o</sup>	H11036 <sup>N</sup>	H10035 <sup>M</sup>	H09035 <sup>L</sup>		
H16037			Q.53	T	H15037	H14037 <sup>Q</sup>	H13037 <sup>P</sup>	H12037 <sup>o</sup>	H11037 <sup>N</sup>	H10036 <sup>M</sup>	H09036 <sup>L</sup>		
H16038			Q.54	T	H15038	H14038 <sup>Q</sup>	H13038	H12038	H11038	H10037 <sup>M</sup>	H09037 <sup>L</sup>		
H16039			Q.55	T	H15039	H14039 <sup>Q</sup>	H13039 <sup>P</sup>	H12039 <sup>o</sup>	H11039 <sup>N</sup>	H10038 <sup>M</sup>	H09038 <sup>L</sup>		
H16040			Q.56	T	H15040	H14040 <sup>Q</sup>	H13040 <sup>P</sup>	H12040 <sup>o</sup>	H11040 <sup>N</sup>	H10039 <sup>M</sup>	H09039 <sup>L</sup>		
H16041			Q.57	T	H15041	H14041 <sup>Q</sup>	H13041 <sup>P</sup>	H12041 <sup>o</sup>	H11041 <sup>N</sup>	H10040 <sup>M</sup>	H09040 <sup>L</sup>		
H16042			Q.58	T	H15042	H14042 <sup>Q</sup>	H13042 <sup>P</sup>	H12042 <sup>o</sup>	H11042 <sup>N</sup>	H10041 <sup>M</sup>	H09041 <sup>L</sup>		
H16043			Q.59	T	H15043	H14043 <sup>Q</sup>	H13043 <sup>P</sup>	H12043 <sup>o</sup>	H11043 <sup>N</sup>	H10042 <sup>M</sup>	H09042 <sup>L</sup>		

<sup>K</sup> Identical to 2009

<sup>L</sup> Identical to 2010

<sup>M</sup> Identical to 2011

<sup>N</sup> Identical to 2012

<sup>o</sup> Identical to 2013

<sup>P</sup> Identical to 2014

<sup>Q</sup> Identical to 2015

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H16044			Q.60	T	H15044	H14044 <sup>Q</sup>	H13044 <sup>P</sup>	H12044 <sup>°</sup>	H11044 <sup>N</sup>	H10043 <sup>M</sup>	H09043 <sup>L</sup>		
H16045			Q.61	T	H15045	H14045 <sup>Q</sup>	H13045 <sup>P</sup>	H12045 <sup>°</sup>	H11045 <sup>N</sup>	H10044 <sup>M</sup>	H09044 <sup>L</sup>	H08039 <sup>K</sup>	
H16046			Q.62	T	H15046	H14046 <sup>Q</sup>	H13046 <sup>P</sup>	H12046 <sup>°</sup>	H11046 <sup>N</sup>	H10045 <sup>M</sup>	H09045 <sup>L</sup>	H08040	
H16047			Q.63	T	H15047	H14047 <sup>Q</sup>	H13047 <sup>P</sup>	H12047 <sup>°</sup>	H11047 <sup>N</sup>	H10046 <sup>M</sup>	H09046 <sup>L</sup>	H08041 <sup>K</sup>	
H16048			Q.64	T	H15048	H14048 <sup>Q</sup>	H13048 <sup>P</sup>	H12048 <sup>°</sup>	H11048 <sup>N</sup>	H10047 <sup>M</sup>	H09047 <sup>L</sup>	H08048 <sup>K</sup>	
H16049			Q.65	T	H15049	H14049 <sup>Q</sup>	H13049 <sup>P</sup>	H12049 <sup>°</sup>	H11049 <sup>N</sup>	H10048 <sup>M</sup>	H09048 <sup>L</sup>	H08049 <sup>K</sup>	
H16050			Q.66	T	H15050	H14050 <sup>Q</sup>	H13050 <sup>P</sup>	H12050 <sup>°</sup>	H11050 <sup>N</sup>	H10049 <sup>M</sup>	H09049 <sup>L</sup>	H08050 <sup>K</sup>	
H16051			Q.67	T	H15051	H14051 <sup>Q</sup>	H13051 <sup>P</sup>	H12051 <sup>°</sup>	H11051 <sup>N</sup>	H10050 <sup>M</sup>	H09050 <sup>L</sup>	H08051 <sup>K</sup>	
H16052			Q.68	T	H15052	H14052 <sup>Q</sup>	H13052 <sup>P</sup>	H12052 <sup>°</sup>	H11052 <sup>N</sup>	H10051	H09051 <sup>L</sup>	H08052 <sup>K</sup>	
H16053			Q.69		H15053	H14053 <sup>Q</sup>	H13053 <sup>P</sup>	H12053 <sup>°</sup>	H11053 <sup>N</sup>	H10052	H09052 <sup>L</sup>	H08053	INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16054			Q.70	T	H15054	H14054 <sup>Q</sup>	H13054 <sup>P</sup>	H12054 <sup>°</sup>	H11054 <sup>N</sup>	H10053	H09053 <sup>L</sup>	H08055 <sup>K</sup>	
H16055			Q.71	T	H15055	H14055 <sup>Q</sup>	H13055	H12055 <sup>°</sup>	H11055	H10054	H09054 <sup>L</sup>	H08056 <sup>K</sup>	
H16056			Q.72	T	H15056	H14056 <sup>Q</sup>	H13056	H12056 <sup>°</sup>	H11056	H10055	H09055 <sup>L</sup>	H08057 <sup>K</sup>	
H16057A- H16057D			Q.73	T	H15057A- H15057D	H14057A- H14057D <sup>Q</sup>	H13057A- H13057D <sup>P</sup>	H12057A - H12057D <sup>°</sup>	H11057A- H11057D <sup>N</sup>				
H16058			Q.80		H15058	H14058 <sup>Q</sup>	H13058	H12058	H11058 <sup>N</sup>	H10056 <sup>M</sup>	H09056 <sup>L</sup>	H08058 <sup>K</sup>	INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16059B			Q.81	T	H15059B	H14059B <sup>Q</sup>	H13059B <sup>P</sup>	H12059B <sup>°</sup>	H11059	H10057	H09057 <sup>L</sup>	H08059 <sup>K</sup>	
H16060			Q.82		H15060	H14060 <sup>Q</sup>	H13060 <sup>P</sup>	H12060 <sup>°</sup>	H11060 <sup>N</sup>	H10058 <sup>M</sup>	H09058 <sup>L</sup>	H08060 <sup>K</sup>	INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16061			Q.83	T	H15061	H14061 <sup>Q</sup>	H13061 <sup>P</sup>	H12061 <sup>°</sup>	H11061 <sup>N</sup>	H10059 <sup>M</sup>	H09059 <sup>L</sup>	H08061 <sup>K</sup>	
H16062			Q.84		H15062	H14062 <sup>Q</sup>	H13062 <sup>P</sup>	H12062 <sup>°</sup>	H11062 <sup>N</sup>	H10060 <sup>M</sup>	H09060 <sup>L</sup>	H08063 <sup>K</sup>	INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16063			Q.85		H15063	H14063 <sup>Q</sup>	H13063 <sup>P</sup>	H12063 <sup>°</sup>	H11063 <sup>N</sup>	H10061 <sup>M</sup>	H09061 <sup>L</sup>	H08064 <sup>K</sup>	INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16064			Q.86	T	H15064	H14064 <sup>Q</sup>	H13064 <sup>P</sup>	H12064 <sup>°</sup>	H11064 <sup>N</sup>	H10062 <sup>M</sup>	H09062 <sup>L</sup>	H08065 <sup>K</sup>	
H16065			Q.87	T	H15065	H14065 <sup>Q</sup>	H13065 <sup>P</sup>	H12065 <sup>°</sup>	H11065 <sup>N</sup>	H10063 <sup>M</sup>	H09063	H08066 <sup>K</sup>	
H16066			Q.88	T	H15066	H14066 <sup>Q</sup>	H13066 <sup>P</sup>	H12066 <sup>°</sup>	H11066 <sup>N</sup>	H10064 <sup>M</sup>	H09064 <sup>L</sup>	H08067 <sup>K</sup>	

<sup>K</sup> Identical to 2009

<sup>L</sup> Identical to 2010

<sup>M</sup> Identical to 2011

<sup>N</sup> Identical to 2012

<sup>°</sup> Identical to 2013

<sup>P</sup> Identical to 2014

<sup>Q</sup> Identical to 2015

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H16067			Q.89		H15067	H14067 <sup>Q</sup>	H13067	H12067	H11067	H10065 <sup>M</sup>	H09065 <sup>L</sup>		INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16068			Q.90	T	H15068	H14068 <sup>Q</sup>	H13068 <sup>P</sup>	H12068 <sup>o</sup>	H11068 <sup>N</sup>	H10066 <sup>M</sup>	H09066 <sup>L</sup>		
H16069			Q.91		H15069	H14069 <sup>Q</sup>	H13069 <sup>P</sup>	H12069 <sup>o</sup>	H11069 <sup>N</sup>	H10067 <sup>M</sup>	H09067 <sup>L</sup>		INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16070			Q.92	T	H15070	H14070 <sup>Q</sup>	H13070 <sup>P</sup>	H12070 <sup>o</sup>	H11070 <sup>N</sup>	H10068 <sup>M</sup>	H09068 <sup>L</sup>		
H16071F			Q.93	T	H15071F	H14071F <sup>Q</sup>	H13071F <sup>P</sup>	H12071F	H11071F <sup>N</sup>	H10069F <sup>M</sup>	H09069F <sup>L</sup>	H08068F <sup>K</sup>	
H16071I			Q.93	T	H15071I	H14071I <sup>Q</sup>	H13071I <sup>P</sup>	H12071I	H11071I <sup>N</sup>	H10069I <sup>M</sup>	H09069I <sup>L</sup>	H08068I <sup>K</sup>	
H16072			Q.94	T	H15072	H14072 <sup>Q</sup>	H13072 <sup>P</sup>	H12072	H11072 <sup>N</sup>	H10070 <sup>M</sup>	H09070 <sup>L</sup>	H08069 <sup>K</sup>	
SREDA			Q.95	T	SREDA	SREDA <sup>Q</sup>	SREDA <sup>P</sup>	SREDA <sup>o</sup>	SREDA <sup>N</sup>	SREDA <sup>M</sup>	SREDA <sup>L</sup>	SREDA <sup>K</sup>	
H16073, H16073A- H16073E			Q.96	T	H15073, H15073A- H15073E	H14073, H14073A- H14073E <sup>Q</sup>	H13073, H13073A- H13073E <sup>P</sup>	H12073, H12073A- H12073E <sup>o</sup>	H11073, H11073A- H11073E <sup>N</sup>	H10071, H10071A- H10071E <sup>M</sup>	H09071, H09071A- H09071E <sup>L</sup>	H08070, H08070A- H08070E <sup>K</sup>	
SRRACEA- SRRACEE			Q.97	T	SRRACEA- SRRACEE	SRRACEA- SRRACEE <sup>Q</sup>	SRRACEA- SRRACEE <sup>P</sup>	SRRACEA- SRRACEE <sup>o</sup>	SRRACEA- SRRACEE <sup>N</sup>	SRRACEA- SRRACEE <sup>M</sup>	SRRACEA- SRRACEE <sup>L</sup>	SRRACEA- SRRACEE <sup>K</sup>	
SRAGE			Q.98	T	SRAGE	SRAGE <sup>Q</sup>	SRAGE <sup>P</sup>	SRAGE <sup>o</sup>	SRAGE <sup>N</sup>	SRAGE <sup>M</sup>	SRAGE <sup>L</sup>	SRAGE <sup>K</sup>	
H16074			Q.99		H15074	H14074 <sup>Q</sup>	H13074 <sup>P</sup>	H12074 <sup>o</sup>	H11074 <sup>N</sup>				INSTRUCTIONS DIFFER SLIGHTLY FROM 2015
H16075			Q.100	T	H15075	H14075 <sup>Q</sup>	H13075 <sup>P</sup>	H12075 <sup>o</sup>	H11075 <sup>N</sup>	H10072 <sup>M</sup>	H09072 <sup>L</sup>	H08003 <sup>K</sup>	
H16076			Q.101	T	H15076	H14076 <sup>Q</sup>	H13076 <sup>P</sup>	H12076 <sup>o</sup>	H11076	H10073	H09073 <sup>L</sup>	H08004 <sup>K</sup>	
H16077			Q.102	T	H15077	H14077 <sup>Q</sup>	H13077 <sup>P</sup>	H12077 <sup>o</sup>	H11077 <sup>N</sup>				
H16078			Q.103	T	H15078	H14078 <sup>Q</sup>	H13078 <sup>P</sup>	H12078 <sup>o</sup>	H11078 <sup>N</sup>	H10074 <sup>M</sup>	H09074 <sup>L</sup>	H08005 <sup>K</sup>	
H16079			Q.104	T	H15079	H14079 <sup>Q</sup>	H13079 <sup>P</sup>	H12079 <sup>o</sup>	H11079 <sup>N</sup>				
S16009			Q.38	T	S15009	S14009 <sup>Q</sup>	S13009 <sup>P</sup>	S12009	S11009 <sup>N</sup>	S10009 <sup>M</sup>	S09009 <sup>L</sup>	H08010 <sup>K</sup>	
S16010			Q.39	T	S15010	S14010 <sup>Q</sup>	S13010 <sup>P</sup>	S12010	S11010 <sup>N</sup>	S10010 <sup>M</sup>	S09010 <sup>L</sup>	H08011 <sup>K</sup>	
S16011			Q.105	T	S15011	S14011 <sup>Q</sup>	S13011 <sup>P</sup>	S12011 <sup>o</sup>	S11011 <sup>N</sup>	S10011 <sup>M</sup>	S09011		
S16014			Q.106	T	S15014	S14014 <sup>Q</sup>	S13014 <sup>P</sup>	S12014 <sup>o</sup>	S11014 <sup>N</sup>	S10014 <sup>M</sup>	S09014		
S16B01			Q.44	T	S15B01	S14B01 <sup>Q</sup>	S13B01 <sup>P</sup>	S12B01 <sup>o</sup>	S11B01 <sup>N</sup>	S10B01 <sup>M</sup>	S09B01	S08B01 <sup>K</sup>	
S16B02			Q.45	T	S15B02	S14B02 <sup>Q</sup>	S13B02 <sup>P</sup>	S12B02 <sup>o</sup>	S11B02 <sup>N</sup>	S10B02 <sup>M</sup>	S09B02 <sup>L</sup>	S08B02 <sup>K</sup>	

<sup>K</sup> Identical to 2009

<sup>L</sup> Identical to 2010

<sup>M</sup> Identical to 2011

<sup>N</sup> Identical to 2012

<sup>o</sup> Identical to 2013

<sup>P</sup> Identical to 2014

<sup>Q</sup> Identical to 2015

2016 Variable Name	2016 Quarter 3 Question Number	2016 Quarter 2 Question Number	2016 Quarter 1 Question Number	Identical to 2015	Question Number in 2015 Survey	Question Number in 2014 Survey	Question Number in 2013 Survey	Question Number in 2012 Survey	Question Number in 2011 Survey	Question Number in 2010 Survey	Question Number in 2009 Survey	Question Number in 2008 Survey	Comments
S16B03			Q.46	T	S15B03	S14B03 <sup>Q</sup>	S13B03 <sup>P</sup>	S12B03 <sup>o</sup>	S11B03 <sup>N</sup>	S10B03 <sup>M</sup>	S09B03 <sup>L</sup>	S08B03 <sup>K</sup>	
S16B04			Q.47	T	S15B04	S14B04 <sup>Q</sup>	S13B04 <sup>P</sup>	S12B04 <sup>o</sup>	S11B04 <sup>N</sup>	S10B04 <sup>M</sup>	S09B04 <sup>L</sup>	S08B04	
S16BC01A-S16BC01D			Q.12		S15BC01A-S15BC01D	S14BC01A-S14BC01D							WORDING OF ONE RESPONSE IS SLIGHTLY DIFFERENT
S16BC02A-S16BC02D			Q.14	T	S15BC02A-S15BC02D	S14BC02A-S14BC02D <sup>Q</sup>							
S16BC03A-S16BC03E			Q.15	T	S15BC03A-S15BC03E	S14BC03A-S14BC03D							
S16BC04A-S16BC04G			Q.13	T	S15BC04A-S15BC04G	S14BC04A-S14BC04G							
S16BC05A-S16BC05D			Q.17	T	S15BC05A-S15BC05D	S14BC05A-S14BC05D							
S16BC06A-S16BC06D			Q.19		S15BC06A-S15BC06D	S14BC08A-S14BC08D							S15BC06 AND S15BC08 WERE SWITCHED IN 2015. THEY REMAIN SO IN 2016. THOSE FIELDS ARE RENAMED IN THE DATA IN ORDER TO AGREE WITH 2014.
S16BC07A-S16BC07E			Q.20	T	S15BC07A-S15BC07E	S14BC07A-S14BC07D							
S16BC08A-S16BC08F			Q.18		S15BC08A-S15BC08F	S14BC06A-S14BC06F							S15BC06 AND S15BC08 WERE SWITCHED IN 2015. THEY REMAIN SO IN 2016. THOSE FIELDS ARE RENAMED IN THE DATA IN ORDER TO AGREE WITH 2014.
S16BC09			Q.16	T	S15BC09								
S16BC10			Q.21	T	S15BC10								
S16BF1			Q.74										NEW TO 2016
S16BF2			Q.75										NEW TO 2016
S16BF3			Q.76										NEW TO 2016
S16BF4			Q.77										NEW TO 2016
S16BF5			Q.78										NEW TO 2016
S16BF6			Q.79										NEW TO 2016

<sup>K</sup> Identical to 2009  
<sup>o</sup> Identical to 2013

<sup>L</sup> Identical to 2010  
<sup>P</sup> Identical to 2014

<sup>M</sup> Identical to 2011  
<sup>Q</sup> Identical to 2015

<sup>N</sup> Identical to 2012

<sup>K</sup> Identical to 2009  
<sup>o</sup> Identical to 2013

<sup>L</sup> Identical to 2010  
<sup>P</sup> Identical to 2014

<sup>M</sup> Identical to 2011  
<sup>Q</sup> Identical to 2015

<sup>N</sup> Identical to 2012

## **APPENDIX D**

### **CODING SCHEME AND CODING TABLES – QUARTER I**



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## QUARTER I

### 2016 HEALTH CARE SURVEY OF DOD BENEFICIARIES (HCSDB) CODING SCHEME AND CODING TABLES

#### BASIC SAS AND ASCII/EBCDIC MISSING DATA AND NOT APPLICABLE CODES

SAS	ASCII/EBCDIC	
Numeric	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:  
H16003, H16004**

N1	H16003 is:	H16004 is:	H16003 is coded as:	H16004 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:  
H16006, H16007, H16008**

N2	H16006 is:	H16007-H16008 are:	H16006 is coded as:	H16007-H16008 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 H16007-H16008 are all missing.

Definition of “blank or NA” in Coding Table for Note 2:  
All of the following are true: H16007-H16008 are a combination of not applicable (-6) or missing.

Definition of “one marked and one NA” in Coding Table for Note 2:  
H16007-H16008 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:  
H16009, H16010, H16011**

N3	H16009 is:	H16010-H16011 are:	H16009 is coded as:	H16010-H16011 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 H16010-H16011 are all missing.

Definition of “blank or NA” in Coding Table for Note 3:  
All of the following are true: H16010-H16011 are a combination of not applicable (-6) or missing.

Definition of “one marked and one NA” in Coding Table for Note 3:  
H16010-H16011 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 3\_BC1:****S16BC01A- S16BC01D, S16BC04A- S16BC04G**

N3_BC1	S16BC01A- S16BC01C are:	S16BC01D is:	S16BC04A- S16BC04G are:	S16BC01A- S16BC01C are coded as:	S16BC01D is coded as:	S16BC04A- S16BC04G is coded as:	*
1	At least one is 1: marked	Any value	Any value	Stand as original	2: Unmarked	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
2	All are 2: unmarked	1: Marked	Any value	Stand as original	Stands as original	Stand as original	
3	All are 2: unmarked	2: Unmarked	None are marked	Stand as original	Stands as original	.N: Valid skip if missing or unmarked	
4	All are 2: unmarked	2: Unmarked	At least one is 1: marked	Stand as original	1: Marked	Stand as original	B

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC2:****S16BC01D, S16BC02A- S16BC02D, S16BC03A- S16BC03E, S16BC04A- S16BC04G, S16BC09**

N3_BC2	S16BC01D is:	S16BC04A- S16BC04G are:	S16BC02A-D, S16BC03A-E and S16BC09 are:	S16BC01D is coded as:	S16BC04A- S16BC04G are coded as:	S16BC02A-D, S16BC03A-E and S16BC09 are coded as:	*
1	2: Unmarked	.N: Valid skip, or .C: question should be skipped	Any value	Stands as original	Stand as original	Stand as original	
2	1: Marked	Any value	Any value	Stands as original	Stand as original	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC3:****S16BC03D- S16BC03E**

N3_BC3	S16BC03D is:	S16BC03E is:	S16BC03D is coded as:	S16BC03E is coded as:	*
1	Any value	1: Marked	2: Unmarked	Stands as original	B
2	1: Marked	2: Unmarked	Stands as original	Stands as original	

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC4:**
**S16BC03A- S16BC03E, S16BC04A- S16BC04G, S16BC09**

N3_BC4	S16BC03A- S16BC03C are:	S16BC03D- S16BC03E are:	S16BC09 are:	S16BC03A- S16BC03C are coded as:	S16BC03D- S16BC03E are coded as:	S16BC09 are 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	Stand as original	Stand as original	Stands as original	
2	At least one is 1: marked	All are 2: unmarked	Any value	Stand as original	Stand as original	Stands as original	
3	Any pattern of 1: marked or 2: unmarked	At least one is 1: marked	Any value	2: Unmarked	Stand as original	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	B F
4	All are 2: unmarked	All are 2: unmarked	Any value	Stand as original	Stand as original	Stands as original	

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC5:**
**S16BC05A- S16BC05D, S16BC08A- S16BC08F**

N3_BC5	S16BC05A- S16BC05C are:	S16BC05D is:	S16BC08A- S16BC08F are:	S16BC05A- S16BC05C are coded as:	S16BC05D is coded as:	S16BC08A- S16BC08F are coded as:	*
1	At least one is 1: marked	Any value	Any value	Stand as original	2: Unmarked	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
2	All are 2: unmarked	1: Marked	Any value	Stand as original	Stands as original	Stand as original	
3	All are 2: unmarked	2: Unmarked	All are 2: unmarked	Stand as original	Stands as original	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	
4	All are 2: unmarked	2: Unmarked	At least one is 1: marked	Stand as original	1: Marked	Stand as original	B

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC6:**

**S16BC05D, S16BC06A- S16BC06D, S16BC07A- S16BC07E, S16BC08A- S16BC08F, S16BC10**

N3_BC6	S16BC05D is:	S16BC08A- S16BC08F are:	S16BC06A- S16BC06D, S16BC07A- S16BC07E and S16BC10 are:	S16BC05D is coded as:	S16BC08A- S16BC08F are coded as:	S16BC06A- S16BC06D, S16BC07A- S16BC07E and S16BC10 are coded as:	*
1	2: Unmarked	.N: Valid skip, or .C: question should be skipped	Any value	Stands as original	Stand as original	Stand as original	
2	1: Marked	Any value	Any value	Stands as original	Stand as original	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC7:**

**S16BC07D- S16BC07E**

N3_BC7	S16BC07D is:	S16BC07E is:	S16BC07D is coded as:	S16BC07E is coded as:	*
1	Any value	1: Marked	2: Unmarked	Stands as original	B
2	1: Marked	2: Unmarked	Stands as original	Stands as original	

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 3\_BC8:**

**S16BC07A- S16BC07E, S16BC08A- S16BC08F, S16BC10**

N3_BC8	S16BC07A- S16BC07C are:	S16BC07D- S16BC07E are:	S16BC10 is:	S16BC07A- S16BC07C are coded as:	S16BC07D- S16BC07E is coded as:	S16BC10 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	Stand as original	Stand as original	Stands as original	
2	At least one is 1: marked	All are 2: unmarked	Any value	Stand as original	Stand as original	Stands as original	
3	Any pattern of 1: marked or 2: unmarked	At least one is 1: marked	Any value	2: Unmarked	Stand as original	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	B F
4	All are 2: unmarked	All are 2: unmarked	Any value	Stand as original	Stand as original	Stands as original	

\* Indication of backward coding (B) or forward coding (F).



**Coding Table for Note 4:  
H16013, H16014-H16018**

N4	H16013 is:	H16014-H16018 are:	H16013 is coded as:	H16014-H16018 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 H16014-H16018 are all missing.

Definition of “blank or NA” in Coding Table for Note 4:  
All of the following are true: H16014-H16018 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:  
H16015, H16016-H16017**

N5	H16015 is:	H16016 is:	H16017 is:	H16015 is coded as:	H16016 is coded as:	H16017 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 6:  
H16019, H16020-H16027, S16009**

N6	H16019 is:	H16020- H16024 are:	H16025- H16026, S16009 are:	H16027 is:	H16019 is coded as:	H16020- H16026, S16009 are coded as:	H16027 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: H16020 is either 0: None or missing and H16021-H16024 are either not applicable (-6) or missing.

Definition of “marked” in Coding Table for Note 6:

Any pattern of marks for H16020-H16024 outside the definition “blank or NA”.

**Coding Table for Note 7:  
H16020, H16021-H16026**

N7	H16020 is:	H16021-H16024 are:	H16025-H16026 are:	H16020 is coded as:	H16021-H16026 are coded as:	*
1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Any value	Stands as original value	Stand as original value	
2	0: None	Any value	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”	Any value	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”	Any value	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 H16021-H16024 are all missing.

Definition of “blank or NA” in Coding Table for Note 7:  
Responses to H16021-H16024 are a combination of not applicable (-6) or missing.

Definition of “marked” in Coding Table for Note 7:  
Any pattern of marks for H16021-H16024 outside the definitions “all are blank” and “blank or NA”.

**Coding Table for Note 8:  
H16025, H16026**

N8	H16025 is:	H16026 is:	H16025 is coded as:	H16026 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:  
S16009, S16010**

N8_01	S16009 is:	S16010 is:	S16009 is coded as:	S16010 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:  
H16028, H16029-H16031**

N9	H16028 is:	H16029-H16031 are:	H16028 is coded as:	H16029 is coded as:	H16030-H16031 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 H16029-H16031 are all missing.

Definition of "blank or NA" in Coding Table for Note 9:

All of the following are true: H16029 and H16031 are a combination of not applicable (-6) or missing. H16030 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:  
H16030, H16031**

N10	H16030 is:	H16031 is:	H16030 is coded as:	H16031 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:  
S16B02, S16B03-S16B04**

N10_B1	S16B02 is:	S16B03-S16B04 are:	S16B02 is coded as:	S16B03-S16B04 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 S16B03-S16B04 are all missing.

Definition of "blank or NA" in Coding Table for Note 10\_B1:  
All of the following are true: S16B03-S16B04 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:  
H16032, H16033**

N11	H16032 is:	H16033 is:	H16032 is coded as:	H16033 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:  
H16034, H16035**

N12	H16034 is:	H16035 is:	H16034 is coded as:	H16035 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:  
H16036, H16037**

N13	H16036 is:	H16037 is:	H16036 is coded as:	H16037 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:  
H16038, H16039**

N14	H16038 is:	H16039 is:	H16038 is coded as:	H16039 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:  
H16040, H16041-H16042**

N15	H16040 is:	H16041-H16042 are:	H16040 is coded as:	H16041-H16042 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 H16041-H16042 are all missing.

Definition of "blank or NA" in Coding Table for Note 15:  
All of the following are true: H16041-H16042 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:  
H16043, H16044**

N16	H16043 is:	H16044 is:	H16043 is coded as:	H16044 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:  
H16045, H16046-H16047**

N17	H16045 is:	H16046-H16047 are:	H16045 is coded as:	H16046-H16047 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 H16046-H16047 are all missing.

Definition of "blank or NA" in Coding Table for Note 17:

Responses to H16046-H16047 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 H16046-H16047 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 H16046-H16047 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\_BF1:  
S16BF1, S16BF2, S16BF3-S16BF6**

N18_BF1	S16BF1 is:	S16BF2 is:	S16BF3- S16BF6 are:	S16BF1 is coded as:	S16BF2 is coded as:	S16BF3-S16BF6 are coded as:	*
1	1: Yes	1: Yes	Any value	Stands as original value	Stands as original value	Stand as original value	
2	1: Yes or .: missing	2: No or - 5: don't know	Any value	Stands as original value	Stands as original value	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
3	1: Yes	.: Missing	Any “affirmative” value	Stands as original value	1: Yes	Stand as original value	B
4	1: Yes	.: Missing	No “affirmative” values	Stands as original value	Stands as original value	Stand as original value	
5	2: No or - 5: don't know	Any value	Any value	Stands as original value	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
6	.: Missing	1: Yes	Any value	1: Yes	Stands as original value	Stand as original value	B
7	.: Missing	.: Missing	Any “affirmative” value	1: Yes	1: Yes	Stand as original value	B
8	.: Missing	.: Missing	No “affirmative” values	Stands as original value	Stands as original value	Stand as original value	

\* Indication of backward coding (B) or forward coding (F).

Definition of “affirmative” in Coding Table for Note 18\_BF1:

Response to S16BF3 is 1-4, or response to S16BF4 is 1: every day or 2: some days, or response to S16BF5 is 1: yes, or response to S16BF6 is 1: yes.

**Coding Table for Note 18\_BF2:  
S16BF4, S16BF5-S16BF6**

N18_BF2	S16BF4 is:	S16BF5 is:	S16BF6 is:	S16BF4 is coded as:	S16BF5-S16BF6 are coded as:	*
1	1: Every day, 2: some days or -: missing	Any value	Any value	Stands as original value	Stand as original value	
2	3: Not at all or -5: don't know	Any value	Any value	Stands as original value	.N: Valid skip if missing or unmarked; .C: question should be skipped if marked	F
3	.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	Stand as original value	

\* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 18:**

**H16053, H16054-H16056, H16057A-H16057D**

N18	H16053 is:	H16054- H16056 are:	H16057A- H16057D are:	H16053 is coded as:	H16054- H16056, H16057A- H16057D 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 H16057A-H16057D 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)**

**H16058, H16059B, H16060-H16064, SEX, XSEXA**

N19A	H16058 is:	SEX is:	H16059B--H16064 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 (H16058), any responses to gender-specific questions, and the gender of the sample beneficiary from DEERS.

**Note 19 (Part B):****XSEXA, H16059B, H16060-H16064**

N19B	XSEXA is:	H16059B--H16064 are:	H16059B--H16064 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 H16059B--H16064 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, H16060, H16061**

N20	XSEXA is:	AGE is:	H16060 is:	H16061 is:	H16060 is coded as:	H16061 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, H16062-H16064**

N21	XSEXA is:	H16062 is:	H16063 is:	H16064 is:	H16062 is coded as:	H16063 is coded as:	H16064 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:  
H16067, H16068**

N22	H16067 is:	H16068 is:	H16067 is coded as:	H16068 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:  
H16069, H16070**

N23	H16069 is:	H16070 is:	H16069 is coded as:	H16070 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, H16071F, H16071I**

N23_HT	XSEXA is:	H16071F and H16071I is:	H16071F and H16071I 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, H16072**

N23_WT	XSEXA is:	H16072 is:	H16072 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:  
H16073, H16073A-H16073E**

N24	H16073A is:	H16073B is:	H16073C is:	H16073D is:	H16073E is:	H16073 is coded as:	H16073A-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:  
H16074, H16075-H16079**

N25	H16074 is:	H16075-H16079 are:	H16074 is coded as:	H16075-H16079 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 H16075-H16079 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 2016 ADULT HCSDB – QUARTER I**

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The SAS System  
1

The CONTENTS Procedure

Data Set Name	IN.HCS161_1	Observations	8853
Member Type	DATA	Variables	338
Engine	V9	Indexes	0
Created	03/30/2016 17:42:32	Observation Length	1920
Last Modified	03/30/2016 17:42:32	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	155648
Number of Data Set Pages	110
First Data Page	1
Max Obs per Page	81
Obs in First Data Page	56
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	N:\Project\40309_HCS\DC1\HCSDB\Q1FY2016\Data\AFinal\hcs161_1.sas7bdat
Release Created	9.0401M1
Host Created	X64_ES08R2

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
21	DSPONSVC	Char	1	\$SPONSVC.		Derived Sponsor Branch of Service
194	DUPFLAG	Char	3			Multiple Response Indicator
198	EMAILRES	Char	25	\$EMAILR.		Email response
6	ENBGSMPL	Char	2	\$ENBGS.		Enrollment by beneficiary category
193	FLAG_FIN	Char	5	\$FINAL.		Final Disposition
195	FNSTATUS	Num	8	FNSTATS.		Final Status
338	FWRWT	Num	8			Final NEW Weight
278	FWRWT1	Num	8			Replicated/JackKnife NEW Weight 1
279	FWRWT2	Num	8			Replicated/JackKnife NEW Weight 2
280	FWRWT3	Num	8			Replicated/JackKnife NEW Weight 3
281	FWRWT4	Num	8			Replicated/JackKnife NEW Weight 4
282	FWRWT5	Num	8			Replicated/JackKnife NEW Weight 5
283	FWRWT6	Num	8			Replicated/JackKnife NEW Weight 6
284	FWRWT7	Num	8			Replicated/JackKnife NEW Weight 7
285	FWRWT8	Num	8			Replicated/JackKnife NEW Weight 8
286	FWRWT9	Num	8			Replicated/JackKnife NEW Weight 9
287	FWRWT10	Num	8			Replicated/JackKnife NEW Weight 10
288	FWRWT11	Num	8			Replicated/JackKnife NEW Weight 11
289	FWRWT12	Num	8			Replicated/JackKnife NEW Weight 12
290	FWRWT13	Num	8			Replicated/JackKnife NEW Weight 13
291	FWRWT14	Num	8			Replicated/JackKnife NEW Weight 14
292	FWRWT15	Num	8			Replicated/JackKnife NEW Weight 15
293	FWRWT16	Num	8			Replicated/JackKnife NEW Weight 16
294	FWRWT17	Num	8			Replicated/JackKnife NEW Weight 17
295	FWRWT18	Num	8			Replicated/JackKnife NEW Weight 18
296	FWRWT19	Num	8			Replicated/JackKnife NEW Weight 19
297	FWRWT20	Num	8			Replicated/JackKnife NEW Weight 20
298	FWRWT21	Num	8			Replicated/JackKnife NEW Weight 21
299	FWRWT22	Num	8			Replicated/JackKnife NEW Weight 22
300	FWRWT23	Num	8			Replicated/JackKnife NEW Weight 23
301	FWRWT24	Num	8			Replicated/JackKnife NEW Weight 24
302	FWRWT25	Num	8			Replicated/JackKnife NEW Weight 25
303	FWRWT26	Num	8			Replicated/JackKnife NEW Weight 26
304	FWRWT27	Num	8			Replicated/JackKnife NEW Weight 27
305	FWRWT28	Num	8			Replicated/JackKnife NEW Weight 28

306	FWRWT29	Num	8	Replicated/JackKnife	NEW	Weight	29
307	FWRWT30	Num	8	Replicated/JackKnife	NEW	Weight	30
308	FWRWT31	Num	8	Replicated/JackKnife	NEW	Weight	31
309	FWRWT32	Num	8	Replicated/JackKnife	NEW	Weight	32
310	FWRWT33	Num	8	Replicated/JackKnife	NEW	Weight	33
311	FWRWT34	Num	8	Replicated/JackKnife	NEW	Weight	34
312	FWRWT35	Num	8	Replicated/JackKnife	NEW	Weight	35
313	FWRWT36	Num	8	Replicated/JackKnife	NEW	Weight	36
314	FWRWT37	Num	8	Replicated/JackKnife	NEW	Weight	37
315	FWRWT38	Num	8	Replicated/JackKnife	NEW	Weight	38
316	FWRWT39	Num	8	Replicated/JackKnife	NEW	Weight	39
317	FWRWT40	Num	8	Replicated/JackKnife	NEW	Weight	40
318	FWRWT41	Num	8	Replicated/JackKnife	NEW	Weight	41
319	FWRWT42	Num	8	Replicated/JackKnife	NEW	Weight	42
320	FWRWT43	Num	8	Replicated/JackKnife	NEW	Weight	43
321	FWRWT44	Num	8	Replicated/JackKnife	NEW	Weight	44
322	FWRWT45	Num	8	Replicated/JackKnife	NEW	Weight	45
323	FWRWT46	Num	8	Replicated/JackKnife	NEW	Weight	46
324	FWRWT47	Num	8	Replicated/JackKnife	NEW	Weight	47
325	FWRWT48	Num	8	Replicated/JackKnife	NEW	Weight	48
326	FWRWT49	Num	8	Replicated/JackKnife	NEW	Weight	49
327	FWRWT50	Num	8	Replicated/JackKnife	NEW	Weight	50
328	FWRWT51	Num	8	Replicated/JackKnife	NEW	Weight	51
329	FWRWT52	Num	8	Replicated/JackKnife	NEW	Weight	52
330	FWRWT53	Num	8	Replicated/JackKnife	NEW	Weight	53
331	FWRWT54	Num	8	Replicated/JackKnife	NEW	Weight	54
332	FWRWT55	Num	8	Replicated/JackKnife	NEW	Weight	55
333	FWRWT56	Num	8	Replicated/JackKnife	NEW	Weight	56
334	FWRWT57	Num	8	Replicated/JackKnife	NEW	Weight	57
335	FWRWT58	Num	8	Replicated/JackKnife	NEW	Weight	58
336	FWRWT59	Num	8	Replicated/JackKnife	NEW	Weight	59
337	FWRWT60	Num	8	Replicated/JackKnife	NEW	Weight	60
24	H16001	Num	4	YN.			Are you the person listed on envelope
44	H16003	Num	4	HPLAN1_.			Which health plan did you use most
45	H16004	Num	4	HPTIME.			Yrs in a row with health plan
46	H16005	Num	4	PLACE.			In 1st yr: felty use most for health care
47	H16006	Num	4	YN.			In 1st yr: ill/injry/cond care right away
48	H16007	Num	4	OFTEN2_.			In 1st yr: get urgnt care as soon as wntd
49	H16008	Num	4	TIME1_.			In 1st yr: wait btwn try get care, see prv
50	H16009	Num	4	YN.			In 1st yr: make appts non-urgnt hlth care
51	H16010	Num	4	OFTEN3_.			In 1st yr: non-urg hlth cre appt whn wntd
52	H16011	Num	4	TIME2_.			In 1st yr: days btwn appt & see prvder
53	H16012	Num	4	OFTEN4_.			In 1st yr: go to emrgncy rm for own care
54	H16013	Num	4	OFTEN4_.			In 1st yr: go to Dr office/clinic for care
55	H16014	Num	4	OFTEN8_.			Lst yr: how often talk to doctor about illness prvntn
56	H16015	Num	4	YN.			Lst yr: did doctor tell you more than 1 choice for trtmnt
57	H16016	Num	4	YNDEF.			Lst yr: did talk to doctor about pros/cons of trtmnt
58	H16017	Num	4	YNDEF.			Lst yr: did doctor ask which trtmnt option best for you
59	H16018	Num	4	RATE3_.			Rating of all health care in 1st yr
60	H16019	Num	4	YN.			Have one person think of as personal Dr
61	H16020	Num	4	OFTEN10_.			Lst yr: how often visit prsnl doctor for care for yourself
62	H16021	Num	4	OFTEN5_.			Lst yr: how oftn Drs listen to you
63	H16022	Num	4	OFTEN5_.			Lst yr: how oftn Drs explain things
64	H16023	Num	4	OFTEN5_.			Lst yr: how oftn Drs show respect
65	H16024	Num	4	OFTEN5_.			Lst yr: how oftn Drs spend enough time
66	H16025	Num	4	YN.			Lst yr: did get care from doctor other than prsnl doctor
67	H16026	Num	4	OFTEN8_.			Lst yr: how often prsnl doctor seemed infrmrd of care from other doctors
68	H16027	Num	4	RATE6_.			Rating of your personal Dr
69	H16028	Num	4	YN.			Lst yr: did make any appointments to see spclst
70	H16029	Num	4	OFTEN9_.			Lst yr: how often easy to get appointments with spclsts
71	H16030	Num	4	SPCLST.			Lst yr: how many spclsts seen
72	H16031	Num	4	RATE2_.			Rating of specialist seen in 1st yr
73	H16032	Num	4	YN.			Lst yr: did try to get care, test, or trtmnt through health plan
74	H16033	Num	4	OFTEN11_.			Lst yr: how often easy to get care, test, or trtmnt
75	H16034	Num	4	YN.			Lst yr: did look for info from written material/Internet
76	H16035	Num	4	OFTEN12_.			Lst yr: how often written material/Internet provide needed info
77	H16036	Num	4	YN.			Lst yr: did look for info from health plan on cost of service/equipment

78	H16037	Num	4	OFTEN13_.	Lst yr: how often able to find out cost of service/equipment
79	H16038	Num	4	YN.	Lst yr: did look for info from health plan on cost of prescription meds
80	H16039	Num	4	OFTEN14_.	Lst yr: how often able to find out cost of prescription meds
81	H16040	Num	4	YN.	Lst yr: did try to get info/help from health plan's cstmr service
82	H16041	Num	4	OFTEN15_.	Lst yr: how often did cstmr service give needed info/help
83	H16042	Num	4	OFTEN15_.	Lst yr: how often did cstmr service treat with courtesy/respect
84	H16043	Num	4	YN.	Lst yr: did health plan give any forms to fill out
85	H16044	Num	4	OFTEN16_.	Lst yr: how often were forms easy to fill out
86	H16045	Num	4	YNDNK.	Lst yr: send in any claims
87	H16046	Num	4	OFTEN6_.	Lst yr: how often did health plan handle claims quickly
88	H16047	Num	4	OFTEN6_.	Lst yr: how often handle claims correctly
89	H16048	Num	4	RATE4_.	Rating of all experience with hlth plan
90	H16049	Num	4	TIME5_.	Blood pressure: when lst reading
91	H16050	Num	4	YNBP_.	Blood pressure: know if too high or not
92	H16051	Num	4	TIME7_.	When did you lst have a flu shot
93	H16052	Num	4	YNDNK.	Smoked at least 100 cigarettes in life
94	H16053	Num	4	TIME8_.	Smoke or use tobacco everyday, some days or not at all
95	H16054	Num	4	OFTEN8_.	Lst yr: how often advised to quit smoking or use tobacco
96	H16055	Num	4	OFTEN8_.	Lst yr: how often recom medic assist quit smoking or using tobacco
97	H16056	Num	4	OFTEN8_.	Lst yr: how often discu meth/strag asst quit smoking or using tobacco
102	H16058	Num	4	SEX.	Are you male or female
104	H16060	Num	4	YN.	Are you under age 40
105	H16061	Num	4	TIME12_.	Lst time: breasts checked mammography
106	H16062	Num	4	YNPREG.	Been pregnant in lst yr or pregnant now
107	H16063	Num	4	PREG1_.	In what trimester is your pregnancy
108	H16064	Num	4	PREG2_.	Trimester first received prenatal care
109	H16065	Num	4	HEALTH.	In gnrl, how would you rate ovrrall hlth
110	H16066	Num	4	YN.	Impairment/Hlth prblm limit activities
111	H16067	Num	4	YN.	Lst yr: have seen doctor 3 or more times for same condition
112	H16068	Num	4	YN.	Has condition lasted for at least 3 months
113	H16069	Num	4	YN.	Need to take medicine prescribed by a doctor
114	H16070	Num	4	YN.	Medicine to treat condition that has lasted for at least 3 months
117	H16072	Num	4	TIME14_.	Weight without shoes
119	H16073	Num	4	HISP.	Are you Spanish/Hispanic/Latino
131	H16074	Num	4	YNDNK.	Currently Covered Medicare
132	H16075	Num	4	MEDA.	Currently Covered Medicare Part A
133	H16076	Num	4	MEDB.	Currently Covered Medicare Part B
134	H16077	Num	4	YNDNK.	Enrolled Medicare Advantage
135	H16078	Num	4	MEDSUPP.	Currently Covered Medicare Supplemental
136	H16079	Num	4	YNDNK.	Enrolled Medicare Part D
25	H16002A	Num	4	MARKED.	Health plan(s) covered: TRICARE Prime
26	H16002C	Num	4	MARKED.	Health plan(s) covered: TRICARE Ext/Stnd
36	H16002F	Num	4	MARKED.	Health plan(s) covered: Medicare
37	H16002G	Num	4	MARKED.	Health plan(s) covered: FEHBP
38	H16002H	Num	4	MARKED.	Health plan(s) covered: Medicaid
39	H16002I	Num	4	MARKED.	Health plan(s) covered: civilian HMO
40	H16002J	Num	4	MARKED.	Health plan(s) covered: other civilian
34	H16002K	Num	4	MARKED.	Health plan(s) covered: USFHP
43	H16002L	Num	4	MARKED.	Health plan(s) covered: not sure
41	H16002M	Num	4	MARKED.	Health plan(s) covered: veterans
27	H16002N	Num	4	MARKED.	Health plan(s) covered: TRICARE Plus
28	H16002O	Num	4	MARKED.	Health plan(s) covered: TRICARE For Life
29	H16002P	Num	4	MARKED.	Health plan(s) covered: TRICARE Supplmntl Ins
30	H16002Q	Num	4	MARKED.	Health plan(s) covered: TRICARE Reserve Select
42	H16002R	Num	4	MARKED.	Health plan(s) covered: gov hlth ins-other cntry
31	H16002S	Num	4	MARKED.	Health plan(s) covered: TRICARE Retired Reserve
32	H16002T	Num	4	MARKED.	Health plan(s) covered: TRICARE Young Adult Prime
35	H16002U	Num	4	MARKED.	Health plan(s) covered: CHCBP
33	H16002V	Num	4	MARKED.	Health plan(s) covered: TRICARE Young Adult Ex or Standard
98	H16057A	Num	4	MARKED.	Do you smoke or use: cigarettes
99	H16057B	Num	4	MARKED.	Do you smoke or use: dip, chewing tobacco, snuff, or snus
100	H16057C	Num	4	MARKED.	Do you smoke or use: cigars

101	H16057D	Num	4	MARKED.	Do you smoke or use: pipes, bidis, or kreteks
103	H16059B	Num	4	TIME16_.	Lst have a Pap smear test
115	H16071F	Num	4	TIME14_.	Height without shoes (feet)
116	H16071I	Num	4	TIME14_.	Height without shoes (inches)
120	H16073A	Num	4	MARKED.	Not Spanish/Hispanic/Latino
121	H16073B	Num	4	MARKED.	Mexican, Mexican American, Chicano
122	H16073C	Num	4	MARKED.	Puerto Rican
123	H16073D	Num	4	MARKED.	Cuban
124	H16073E	Num	4	MARKED.	Other Spanish, Hispanic, or Latino
270	HP_BP	Num	8	HAYNN2_.	Bld prsrre chck in last 2 yrs, know rsults
275	HP_CESH3	Num	8	SMOKE.	Had smoking cessation counseling - HEDIS (modified)
271	HP_FLU	Num	8	HAYNN.	65 and older, flu shot in last 12 mnths
268	HP_MAM50	Num	8	HAYNN.	Women 50>=, mammography in pst 2 yrs
267	HP_MAMOG	Num	8	HAYNN.	Women 40>=, mammography in pst 2 yrs
272	HP_OBESE	Num	8	HAYNN.	Obese/Morbidly obese
269	HP_PAP	Num	8	HAYNN.	All women, Pap smear in last 3 yrs
266	HP_PRNTL	Num	8	PRNTL.	Prgrnt in lst yr, receivd cre lst trimstr
274	HP_SMKH3	Num	8	SMOKE.	Smoker under HEDIS definition (modified)
273	HP_SMOKE	Num	8	HAYNN.	Advised to quit smoking in last 12 mnths
5	JSFLAG	Num	3	JSFLAG.	Joint Service Flag
265	KCIVINS	Num	8	HAYNN2_.	Beneficiary covered by civilian insurance
264	KCIVOPQY	Num	8	HAGRID.	Outpat. visits-use Civilian fclty most
196	KEYCOUNT	Num	8		# Key Questions Answered
263	KMILOPQY	Num	8	HAGRID.	Outpat. visits-use Military fclty most
240	MISS_1	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): violates skip pattern
241	MISS_4	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): incomplete grid error
242	MISS_5	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): scalable reponse of don't know
243	MISS_6	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): not applicable - valid skip
244	MISS_7	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): out-of-range error
245	MISS_9	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): no response - invalid skip
246	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.	Unique MPR Identifier
200	N1	Num	8		Coding Scheme Note 1
201	N2	Num	8		Coding Scheme Note 2
202	N3	Num	8		Coding Scheme Note 3
211	N4	Num	8		Coding Scheme Note 4
212	N5	Num	8		Coding Scheme Note 5
213	N6	Num	8		Coding Scheme Note 6
214	N7	Num	8		Coding Scheme Note 7
215	N8	Num	8		Coding Scheme Note 8
217	N9	Num	8		Coding Scheme Note 9
218	N10	Num	8		Coding Scheme Note 10
220	N11	Num	8		Coding Scheme Note 11
221	N12	Num	8		Coding Scheme Note 12
222	N13	Num	8		Coding Scheme Note 13
223	N14	Num	8		Coding Scheme Note 14
224	N15	Num	8		Coding Scheme Note 15
225	N16	Num	8		Coding Scheme Note 16
226	N17	Num	8		Coding Scheme Note 17
227	N18	Num	8		Coding Scheme Note 18
232	N20	Num	8		Coding Scheme Note 20
233	N21	Num	8		Coding Scheme Note 21
234	N22	Num	8		Coding Scheme Note 22
235	N23	Num	8		Coding Scheme Note 23
238	N24	Num	8		Coding Scheme Note 24
239	N25	Num	8		Coding Scheme Note 25
219	N10_B1	Num	8		Coding Scheme Note 10_B1
228	N18_BF1	Num	8		Coding Scheme Note 18_BF1
229	N18_BF2	Num	8		Coding Scheme Note 18_BF2
230	N19A	Num	8		Coding Scheme Note 19A
231	N19B	Num	8		Coding Scheme Note 19B
236	N23_HT	Num	8		Coding Scheme Note 23_HT
237	N23_WT	Num	8		Coding Scheme Note 23_WT
203	N3_BC1	Num	8		Coding Scheme Note 3_BC1
204	N3_BC2	Num	8		Coding Scheme Note 3_BC2
205	N3_BC3	Num	8		Coding Scheme Note 3_BC3
206	N3_BC4	Num	8		Coding Scheme Note 3_BC4

207	N3_BC5	Num	8	Coding Scheme Note 3_BC5
208	N3_BC6	Num	8	Coding Scheme Note 3_BC6
209	N3_BC7	Num	8	Coding Scheme Note 3_BC7
210	N3_BC8	Num	8	Coding Scheme Note 3_BC8
216	N8_01	Num	8	Coding Scheme Note 8_01
8	NHFF	Num	8	NHFF - Stratum Sample Size
192	ONTIME	Char	3	Responded Within 8 weeks of Mail-Out
257	OUTCATCH	Num	8	Out of catchment area indicator
22	PATCAT	Char	7	Aggregated Beneficiary Category
18	PCM	Char	3	Primary Manager Code (CIV or MIL)
15	PNSEXCD	Char	1	Person Gender
23	PNTYPECD	Char	1	Person Type Code
277	POSTCELL	Char	5	ps cell for new wts - for all 3 quarters
9	QUARTER	Char	8	Survey Quarter
14	RACEETHN	Char	1	Race/Ethnic Code
16	RDAGEQY	Num	3	Age at sampling-Capped(18 and below, 86 and above)
17	RFLDAGE	Num	3	Age at fielding-Capped(18 and below, 86 and above)
137	S16009	Num	4	Same prsnl doctor/nurse before this hlth plan
138	S16010	Num	4	Prblm getting prsnl doctor/nurse you are happy with
139	S16011	Num	4	Agree/disagree: able to see provider when needed
140	S16014	Num	4	How satisfied with health care during last visit
141	S16B01	Num	4	Self rate of overall mental/emotional health
142	S16B02	Num	4	Lst yr: needed treatmnt/cnslng-prsnl prob
143	S16B03	Num	4	Lst yr: prblm gtng needed treatmnt/cnslng
144	S16B04	Num	4	Lst yr: rate of treatmnt/cnslng received
184	S16BC09	Num	4	Were you asked to call back at a future date when appts might be available [MTF]
185	S16BC10	Num	4	Were you asked to call back at a future date when appts might be available [Civilian]
145	S16BC01A	Num	4	Past 12 mth: did you try making appt at MTF? Yes, by calling
146	S16BC01B	Num	4	Past 12 mth: did you try making appt at MTF? Yes, online
147	S16BC01C	Num	4	Past 12 mth: did you try making appt at MTF? Yes, in person
148	S16BC01D	Num	4	Past 12 mth: did you try making appt at MTF? No
156	S16BC02A	Num	4	Why make appt at MTF? New illness, condition, or injury
157	S16BC02B	Num	4	Why make appt at MTF? I was referred for specialist care
158	S16BC02C	Num	4	Why make appt at MTF? Routine wellness
159	S16BC02D	Num	4	Why make appt at MTF? Follow-up on illness, condition, or injury
160	S16BC03A	Num	4	True when you tried to make appt at MTF: No appts available
161	S16BC03B	Num	4	True when you tried to make appt at MTF: Appt too far in future
162	S16BC03C	Num	4	True when you tried to make appt at MTF: No convenient times
163	S16BC03D	Num	4	True when you tried to make appt at MTF: Time not convenient
164	S16BC03E	Num	4	True when you tried to make appt at MTF: Always able to make appt
149	S16BC04A	Num	4	Reasons why did not try to make MTF appointment: Didnt need healthcare
150	S16BC04B	Num	4	Reasons why did not try to make MTF appointment: Wouldnt get when needed
151	S16BC04C	Num	4	Reasons why did not try to make MTF appointment: Wouldnt get convenient time
152	S16BC04D	Num	4	Why not try to make appt at MTF? Did not have needed referral for specialist
153	S16BC04E	Num	4	Why not try to make appt at MTF? Inconvenient MTF location
154	S16BC04F	Num	4	Why not try to make appt at MTF? Only use civilian providers
155	S16BC04G	Num	4	Why not try to make appt at MTF? Prefer civilian providers
165	S16BC05A	Num	4	Past 12 mth: did you try making appt at civ provider? Yes, by calling
166	S16BC05B	Num	4	Past 12 mth: did you try making appt at civ provider? Yes, online
167	S16BC05C	Num	4	Past 12 mth: did you try making appt at civ provider? Yes, in person
168	S16BC05D	Num	4	Past 12 mth: did you try making appt at civ provider? No
169	S16BC06A	Num	4	Why make appt at MTF? New illness, condition, or injury
170	S16BC06B	Num	4	Why make appt at MTF? I was referred for specialist care
171	S16BC06C	Num	4	Why make appt at MTF? Routine wellness



172	S16BC06D	Num	4	MARKED.	Why make appt at MTF? Follow-up on illness, condition, or injury
173	S16BC07A	Num	4	MARKED.	True when you tried to make appt at civ provider: No appts available
174	S16BC07B	Num	4	MARKED.	True when you tried to make appt at civ provider: Appt too far in future
175	S16BC07C	Num	4	MARKED.	True when you tried to make appt at civ provider: No convenient times
176	S16BC07D	Num	4	MARKED.	True when you tried to make appt at civ provider: Time not convenient
177	S16BC07E	Num	4	MARKED.	True when you tried to make appt at civ provider: Always able to make appt
178	S16BC08A	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Didnt need healthcare
179	S16BC08B	Num	4	MARKED.	Why not try to make appt at civ provider? Get all health care from MTF
180	S16BC08C	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Would not have gotten when needed
181	S16BC08D	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Would not have gotten convenient time
182	S16BC08E	Num	4	MARKED.	Why not try to make appt at civ provider? Did not have needed referral for specialist
183	S16BC08F	Num	4	MARKED.	Why not try to make appt at civ provider? Inconvenient location
186	S16BF1	Num	4	YNDNK.	Have you heard of e-cigarettes before today
187	S16BF2	Num	4	YNDNK.	Have you ever used an e-cigarette
188	S16BF3	Num	4	S16BF3_.	How many times in your life have you used an e-cigarette
189	S16BF4	Num	4	TIME15_.	Often do you use e-cigarettes
190	S16BF5	Num	4	S16BF5_.	Did you use flavored e-cigarettes in the past 30 days
191	S16BF6	Num	4	YN.	Did you completely switch to e-cigarettes in the past 12 months
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
199	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
255	USA	Num	3	USAMHS.	USA - USA/OCNUS Indicator
197	WEB	Num	8	WEB.	Web survey indicator
250	XBENCAT	Num	8	XBENCAT.	Beneficiary Category
259	XBMI	Num	8		Body Mass Index
260	XBMICAT	Num	3	XBMICAT.	Body Mass Index Category
261	XBNFGRP	Num	8	XBGC_S.	Beneficiary Group
276	XCATCH	Num	8	CACR.	XCATCH - Catchment Area (Reporting)
248	XENR_PCM	Num	8	PCM.	Enrollment by PCM type
251	XENR_RSV	Num	8	XENRRSV.	Enrollment by PCM type - Reservist
247	XENRLLMT	Num	8	ENROLL.	Enrollment in TRICARE Prime
249	XINS_COV	Num	8	INSURE.	Insurance Coverage
252	XINS_RSV	Num	8	XINSRSV.	Insurance Coverage - Reservist
256	XOCNUS	Num	3	XOCNUS.	Overseas Europe/Pacific/Latin Indicator
253	XREGION	Num	3	CREG.	XREGION - Region
262	XSERVAFF	Num	3	XSERVAFF.	Service Affiliation
258	XSEX	Num	8	HASEX.	Male or Female - R
254	XTNEXREG	Num	3	TNEX.	TNEX Region - Based on Location of Health Services

## **APPENDIX F**

### **SAS PROC CONTENTS—CREATION ORDER 2016 ADULT HCSDB –QUARTER I**

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The SAS System  
1

The CONTENTS Procedure

Data Set Name	IN.HCS161_1	Observations	8853
Member Type	DATA	Variables	338
Engine	V9	Indexes	0
Created	03/30/2016 17:42:32	Observation Length	1920
Last Modified	03/30/2016 17:42:32	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_64		
Encoding	wlatin1 Western (Windows)		

Engine/Host Dependent Information

Data Set Page Size	155648
Number of Data Set Pages	110
First Data Page	1
Max Obs per Page	81
Obs in First Data Page	56
Number of Data Set Repairs	0
ExtendObsCounter	YES
Filename	N:\Project\40309_HCS\DC1\HCSDB\Q1FY2016\Data\AFinal\hcs161_1.sas7bdat
Release Created	9.0401M1
Host Created	X64_ES08R2

The CONTENTS Procedure

Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
1	MPRID	Char	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	H16001	Num	4	YN.		Are you the person listed on envelope
25	H16002A	Num	4	MARKED.		Health plan(s) covered: TRICARE Prime
26	H16002C	Num	4	MARKED.		Health plan(s) covered: TRICARE Ext/Stnd
27	H16002N	Num	4	MARKED.		Health plan(s) covered: TRICARE Plus
28	H16002O	Num	4	MARKED.		Health plan(s) covered: TRICARE For Life
29	H16002P	Num	4	MARKED.		Health plan(s) covered: TRICARE Supplmntl Ins
30	H16002Q	Num	4	MARKED.		Health plan(s) covered: TRICARE Reserve Select
31	H16002S	Num	4	MARKED.		Health plan(s) covered: TRICARE Retired Reserve
32	H16002T	Num	4	MARKED.		Health plan(s) covered: TRICARE Young Adult Prime
33	H16002V	Num	4	MARKED.		Health plan(s) covered: TRICARE Young Adult Ex or Standard
34	H16002K	Num	4	MARKED.		Health plan(s) covered: USFHP
35	H16002U	Num	4	MARKED.		Health plan(s) covered: CHCBP
36	H16002F	Num	4	MARKED.		Health plan(s) covered: Medicare
37	H16002G	Num	4	MARKED.		Health plan(s) covered: FEHBP
38	H16002H	Num	4	MARKED.		Health plan(s) covered: Medicaid
39	H16002I	Num	4	MARKED.		Health plan(s) covered: civilian HMO
40	H16002J	Num	4	MARKED.		Health plan(s) covered: other civilian
41	H16002M	Num	4	MARKED.		Health plan(s) covered: veterans
42	H16002R	Num	4	MARKED.		Health plan(s) covered: gov hlth ins-other cntry
43	H16002L	Num	4	MARKED.		Health plan(s) covered: not sure
44	H16003	Num	4	HPLAN1_.		Which health plan did you use most
45	H16004	Num	4	HPTIME.		Yrs in a row with health plan
46	H16005	Num	4	PLACE.		In 1st yr:fcly use most for health care
47	H16006	Num	4	YN.		In 1st yr:ill/injry/cond care right away
48	H16007	Num	4	OFTEN2_.		In 1st yr:get urgnt care as soon as wntd
49	H16008	Num	4	TIME1_.		In 1st yr:wait btwn try get care,see prv
50	H16009	Num	4	YN.		In 1st yr:make appts non-urgnt hlth care
51	H16010	Num	4	OFTEN3_.		In 1st yr:non-urg hlth cre appt whn wntd
52	H16011	Num	4	TIME2_.		In 1st yr:days btwn appt & see prvder
53	H16012	Num	4	OFTEN4_.		In 1st yr:go to emrgncy rm for own care
54	H16013	Num	4	OFTEN4_.		In 1st yr:go to Dr office/clinic for care
55	H16014	Num	4	OFTEN8_.		Lst yr: how often talk to doctor about illness prvntn
56	H16015	Num	4	YN.		Lst yr: did doctor tell you more than 1 choice for trtmnt
57	H16016	Num	4	YNDEF.		Lst yr: did talk to doctor about pros/cons of trtmnt
58	H16017	Num	4	YNDEF.		Lst yr: did doctor ask which trtmnt option best for you
59	H16018	Num	4	RATE3_.		Rating of all health care in 1st yr
60	H16019	Num	4	YN.		Have one person think of as personal Dr
61	H16020	Num	4	OFTEN10_.		Lst yr: how often visit prsnl doctor for care for yourself

62	H16021	Num	4	OFTEN5_.	Lst yr: how oftn Drs listen to you
63	H16022	Num	4	OFTEN5_.	Lst yr: how oftn Drs explain things
64	H16023	Num	4	OFTEN5_.	Lst yr: how oftn Drs show respect
65	H16024	Num	4	OFTEN5_.	Lst yr: how oftn Drs spend enough time
66	H16025	Num	4	YN.	Lst yr: did get care from doctor other than prsnl doctor
67	H16026	Num	4	OFTEN8_.	Lst yr: how often prsnl doctor seemed infrmd of care from other doctors
68	H16027	Num	4	RATE6_.	Rating of your personal Dr
69	H16028	Num	4	YN.	Lst yr: did make any appointments to see spclst
70	H16029	Num	4	OFTEN9_.	Lst yr: how often easy to get appointments with spclsts
71	H16030	Num	4	SPCLST.	Lst yr: how many spclsts seen
72	H16031	Num	4	RATE2_.	Rating of specialist seen in lst yr
73	H16032	Num	4	YN.	Lst yr: did try to get care, test, or trtmnt through health plan
74	H16033	Num	4	OFTEN11_.	Lst yr: how often easy to get care, test, or trtmnt
75	H16034	Num	4	YN.	Lst yr: did look for info from written material/Internet
76	H16035	Num	4	OFTEN12_.	Lst yr: how often written material/Internet provide needed info
77	H16036	Num	4	YN.	Lst yr: did look for info from health plan on cost of service/equipment
78	H16037	Num	4	OFTEN13_.	Lst yr: how often able to find out cost of service/equipment
79	H16038	Num	4	YN.	Lst yr: did look for info from health plan on cost of prescription meds
80	H16039	Num	4	OFTEN14_.	Lst yr: how often able to find out cost of prescription meds
81	H16040	Num	4	YN.	Lst yr: did try to get info/help from health plan's cstmr service
82	H16041	Num	4	OFTEN15_.	Lst yr: how often did cstmr service give needed info/help
83	H16042	Num	4	OFTEN15_.	Lst yr: how often did cstmr service treat with courtesy/respect
84	H16043	Num	4	YN.	Lst yr: did health plan give any forms to fill out
85	H16044	Num	4	OFTEN16_.	Lst yr: how often were forms easy to fill out
86	H16045	Num	4	YNDNK.	Lst yr: send in any claims
87	H16046	Num	4	OFTEN6_.	Lst yr: how often did health plan handle claims quickly
88	H16047	Num	4	OFTEN6_.	Lst yr: how oftn handle claims correctly
89	H16048	Num	4	RATE4_.	Rating of all experience with hlth plan
90	H16049	Num	4	TIME5_.	Blood pressure: when lst reading
91	H16050	Num	4	YNBP_.	Blood pressure: know if too high or not
92	H16051	Num	4	TIME7_.	When did you lst have a flu shot
93	H16052	Num	4	YNDNK.	Smoked at least 100 cigarettes in life
94	H16053	Num	4	TIME8_.	Smoke or use tobacco everyday, some days or not at all
95	H16054	Num	4	OFTEN8_.	Lst yr: how often advised to quit smoking or use tobacco
96	H16055	Num	4	OFTEN8_.	Lst yr: how often recom medic assist quit smoking or using tobacco
97	H16056	Num	4	OFTEN8_.	Lst yr: how often discu meth/strag asst quit smoking or using tobacco
98	H16057A	Num	4	MARKED.	Do you smoke or use: cigarettes
99	H16057B	Num	4	MARKED.	Do you smoke or use: dip, chewing tobacco, snuff, or snus
100	H16057C	Num	4	MARKED.	Do you smoke or use: cigars
101	H16057D	Num	4	MARKED.	Do you smoke or use: pipes, bidis, or kreteks
102	H16058	Num	4	SEX.	Are you male or female
103	H16059B	Num	4	TIME16_.	Lst have a Pap smear test
104	H16060	Num	4	YN.	Are you under age 40
105	H16061	Num	4	TIME12_.	Lst time: breasts checked mammography
106	H16062	Num	4	YNPREG.	Been pregnant in lst yr or pregnant now
107	H16063	Num	4	PREG1_.	In what trimester is your pregnancy
108	H16064	Num	4	PREG2_.	Trimester first received prenatal care
109	H16065	Num	4	HEALTH.	In gnrl, how would you rate ovrrll hlth
110	H16066	Num	4	YN.	Impairment/Hlth prblm limit activities
111	H16067	Num	4	YN.	Lst yr: have seen doctor 3 or more times for same condition
112	H16068	Num	4	YN.	Has condition lasted for at least 3 months
113	H16069	Num	4	YN.	Need to take medicine prescribed by a doctor
114	H16070	Num	4	YN.	Medicine to treat condition that has lasted for at least 3 months
115	H16071F	Num	4	TIME14_.	Height without shoes (feet)
116	H16071I	Num	4	TIME14_.	Height without shoes (inches)
117	H16072	Num	4	TIME14_.	Weight without shoes
118	SREDA	Num	4	EDUC.	Highest grade completed
119	H16073	Num	4	HISP.	Are you Spanish/Hispanic/Latino

120	H16073A	Num	4	MARKED.	Not Spanish/Hispanic/Latino
121	H16073B	Num	4	MARKED.	Mexican, Mexican American, Chicano
122	H16073C	Num	4	MARKED.	Puerto Rican
123	H16073D	Num	4	MARKED.	Cuban
124	H16073E	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	H16074	Num	4	YNDNK.	Currently Covered Medicare
132	H16075	Num	4	MEDA.	Currently Covered Medicare Part A
133	H16076	Num	4	MEDB.	Currently Covered Medicare Part B
134	H16077	Num	4	YNDNK.	Enrolled Medicare Advantage
135	H16078	Num	4	AGDSUPP.	Currently Covered Medicare Supplemental
136	H16079	Num	4	YNDNK.	Enrolled Medicare Part D
137	S16009	Num	4	YN.	Same prsnl doctor/nurse before this hlth plan
138	S16010	Num	4	PROB1_.	Prblm getting prsnl doctor/nurse you are happy with
139	S16011	Num	4	AGREE2_.	Agree/disagree: able to see provider when needed
140	S16014	Num	4	SATISFY.	How satisfied with health care during last visit
141	S16B01	Num	4	MNTLHLTH.	Self rate of overall mental/emotional health
142	S16B02	Num	4	YN.	Lst yr: needed treatmnt/cnslng-prsnl prob
143	S16B03	Num	4	PROB1_.	Lst yr: prblm gttnng needed treatmnt/cnslng
144	S16B04	Num	4	RATE5_.	Lst yr: rate of treatmnt/cnslng received
145	S16BC01A	Num	4	MARKED.	Past 12 mth: did you try making appt at MTF? Yes, by calling
146	S16BC01B	Num	4	MARKED.	Past 12 mth: did you try making appt at MTF? Yes, online
147	S16BC01C	Num	4	MARKED.	Past 12 mth: did you try making appt at MTF? Yes, in person
148	S16BC01D	Num	4	MARKED.	Past 12 mth: did you try making appt at MTF? No
149	S16BC04A	Num	4	MARKED.	Reasons why did not try to make MTF appointment: Didnt need healthcare
150	S16BC04B	Num	4	MARKED.	Reasons why did not try to make MTF appointment: Wouldnt get when needed
151	S16BC04C	Num	4	MARKED.	Reasons why did not try to make MTF appointment: Wouldnt get convenient time
152	S16BC04D	Num	4	MARKED.	Why not try to make appt at MTF? Did not have needed referral for specialist
153	S16BC04E	Num	4	MARKED.	Why not try to make appt at MTF? Inconvenient MTF location
154	S16BC04F	Num	4	MARKED.	Why not try to make appt at MTF? Only use civilian providers
155	S16BC04G	Num	4	MARKED.	Why not try to make appt at MTF? Prefer civilian providers
156	S16BC02A	Num	4	MARKED.	Why make appt at MTF? New illness, condition, or injury
157	S16BC02B	Num	4	MARKED.	Why make appt at MTF? I was referred for specialist care
158	S16BC02C	Num	4	MARKED.	Why make appt at MTF? Routine wellness
159	S16BC02D	Num	4	MARKED.	Why make appt at MTF? Follow-up on illness, condition, or injury
160	S16BC03A	Num	4	MARKED.	True when you tried to make appt at MTF: No appts available
161	S16BC03B	Num	4	MARKED.	True when you tried to make appt at MTF: Appt too far in future
162	S16BC03C	Num	4	MARKED.	True when you tried to make appt at MTF: No convenient times
163	S16BC03D	Num	4	MARKED.	True when you tried to make appt at MTF: Time not convenient
164	S16BC03E	Num	4	MARKED.	True when you tried to make appt at MTF: Always able to make appt
165	S16BC05A	Num	4	MARKED.	Past 12 mth: did you try making appt at civ provider? Yes, by calling
166	S16BC05B	Num	4	MARKED.	Past 12 mth: did you try making appt at civ provider? Yes, online
167	S16BC05C	Num	4	MARKED.	Past 12 mth: did you try making appt at civ provider? Yes, in person
168	S16BC05D	Num	4	MARKED.	Past 12 mth: did you try making appt at civ provider? No
169	S16BC06A	Num	4	MARKED.	Why make appt at MTF? New illness, condition, or injury
170	S16BC06B	Num	4	MARKED.	Why make appt at MTF? I was referred for specialist care
171	S16BC06C	Num	4	MARKED.	Why make appt at MTF? Routine wellness
172	S16BC06D	Num	4	MARKED.	Why make appt at MTF? Follow-up on illness, condition, or injury

173	S16BC07A	Num	4	MARKED.	True when you tried to make appt at civ provider: No appts available
174	S16BC07B	Num	4	MARKED.	True when you tried to make appt at civ provider: Appt too far in future
175	S16BC07C	Num	4	MARKED.	True when you tried to make appt at civ provider: No convenient times
176	S16BC07D	Num	4	MARKED.	True when you tried to make appt at civ provider: Time not convenient
177	S16BC07E	Num	4	MARKED.	True when you tried to make appt at civ provider: Always able to make appt
178	S16BC08A	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Didnt need healthcare
179	S16BC08B	Num	4	MARKED.	Why not try to make appt at civ provider? Get all health care from MTF
180	S16BC08C	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Would not have gotten when needed
181	S16BC08D	Num	4	MARKED.	Reasons did not try to make appointment with civilian provider - Would not have gotten convenient time
182	S16BC08E	Num	4	MARKED.	Why not try to make appt at civ provider? Did not have needed referral for specialist
183	S16BC08F	Num	4	MARKED.	Why not try to make appt at civ provider? Inconvenient location
184	S16BC09	Num	4	YN.	Were you asked to call back at a future date when appts might be available [MTF]
185	S16BC10	Num	4	YN.	Were you asked to call back at a future date when appts might be available [Civilian]
186	S16BF1	Num	4	YNDNK.	Have you heard of e-cigarettes before today
187	S16BF2	Num	4	YNDNK.	Have you ever used an e-cigarette
188	S16BF3	Num	4	S16BF3_.	How many times in your life have you used an e-cigarette
189	S16BF4	Num	4	TIME15_.	Often do you use e-cigarettes
190	S16BF5	Num	4	S16BF5_.	Did you use flavored e-cigarettes in the past 30 days
191	S16BF6	Num	4	YN.	Did you completely switch to e-cigarettes in the past 12 months
192	ONTIME	Char	3		Responded Within 8 weeks of Mail-Out
193	FLAG_FIN	Char	5	\$FINAL.	Final Disposition
194	DUPFLAG	Char	3		Multiple Response Indicator
195	FNSTATUS	Num	8	FNSTATS.	Final Status
196	KEYCOUNT	Num	8		# Key Questions Answered
197	WEB	Num	8	WEB.	Web survey indicator
198	EMAILRES	Char	25	\$EMAILR.	Email response
199	SURVTYPE	Num	8	SURVTYPE.	Web or Mail Survey
200	N1	Num	8		Coding Scheme Note 1
201	N2	Num	8		Coding Scheme Note 2
202	N3	Num	8		Coding Scheme Note 3
203	N3_BC1	Num	8		Coding Scheme Note 3_BC1
204	N3_BC2	Num	8		Coding Scheme Note 3_BC2
205	N3_BC3	Num	8		Coding Scheme Note 3_BC3
206	N3_BC4	Num	8		Coding Scheme Note 3_BC4
207	N3_BC5	Num	8		Coding Scheme Note 3_BC5
208	N3_BC6	Num	8		Coding Scheme Note 3_BC6
209	N3_BC7	Num	8		Coding Scheme Note 3_BC7
210	N3_BC8	Num	8		Coding Scheme Note 3_BC8
211	N4	Num	8		Coding Scheme Note 4
212	N5	Num	8		Coding Scheme Note 5
213	N6	Num	8		Coding Scheme Note 6
214	N7	Num	8		Coding Scheme Note 7
215	N8	Num	8		Coding Scheme Note 8
216	N8_01	Num	8		Coding Scheme Note 8_01
217	N9	Num	8		Coding Scheme Note 9
218	N10	Num	8		Coding Scheme Note 10
219	N10_B1	Num	8		Coding Scheme Note 10_B1
220	N11	Num	8		Coding Scheme Note 11
221	N12	Num	8		Coding Scheme Note 12
222	N13	Num	8		Coding Scheme Note 13
223	N14	Num	8		Coding Scheme Note 14
224	N15	Num	8		Coding Scheme Note 15
225	N16	Num	8		Coding Scheme Note 16
226	N17	Num	8		Coding Scheme Note 17
227	N18	Num	8		Coding Scheme Note 18
228	N18_BF1	Num	8		Coding Scheme Note 18_BF1
229	N18_BF2	Num	8		Coding Scheme Note 18_BF2
230	N19A	Num	8		Coding Scheme Note 19A
231	N19B	Num	8		Coding Scheme Note 19B



232	N20	Num	8	Coding Scheme Note 20
233	N21	Num	8	Coding Scheme Note 21
234	N22	Num	8	Coding Scheme Note 22
235	N23	Num	8	Coding Scheme Note 23
236	N23_HT	Num	8	Coding Scheme Note 23_HT
237	N23_WT	Num	8	Coding Scheme Note 23_WT
238	N24	Num	8	Coding Scheme Note 24
239	N25	Num	8	Coding Scheme Note 25
240	MISS_1	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): violates skip pattern
241	MISS_4	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): incomplete grid error
242	MISS_5	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): scalable reponse of don't know
243	MISS_6	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): not applicable - valid skip
244	MISS_7	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): out- of-range error
245	MISS_9	Num	8 HAMISS.	Count of original survey responses (pre-cleaning): no response - invalid skip
246	MISS_TOT	Num	8 HAMISS.	Total number of missing responses (pre-cleaning)
247	XENRLLMT	Num	8 ENROLL.	Enrollment in TRICARE Prime
248	XENR_PCM	Num	8 PCM.	Enrollment by PCM type
249	XINS_COV	Num	8 INSURE.	Insurance Coverage
250	XBENCAT	Num	8 XBENCAT.	Beneficiary Category
251	XENR_RSV	Num	8 XENRRSV.	Enrollment by PCM type - Reservist
252	XINS_RSV	Num	8 XINSRSV.	Insurance Coverage - Reservist
253	XREGION	Num	3 CREG.	XREGION - Region
254	XTNEXREG	Num	3 TNEX.	TNEX Region - Based on Location of Health Services
255	USA	Num	3 USAMHS.	USA - USA/OCONUS Indicator
256	XOCONUS	Num	3 XOCONUS.	Overseas Europe/Pacific/Latin Indicator
257	OUTCATCH	Num	8 OCATCH.	Out of catchment area indicator
258	XSEX	Num	8 HASEX.	Male or Female - R
259	XBMI	Num	8	Body Mass Index
260	XBMICAT	Num	3 XBMICAT.	Body Mass Index Category
261	XBNFGRP	Num	8 XBGC_S.	Beneficiary Group
262	XSERVAFF	Num	3 XSERVAFF.	Service Affiliation
263	KMILOPQY	Num	8 HAGRID.	Outpat. visits-use Military fcilty most
264	KCIVOPQY	Num	8 HAGRID.	Outpat. visits-use Civilian fcilty most
265	KCIVINS	Num	8 HAYNN2_.	Beneficiary covered by civilian insurance
266	HP_PRNTL	Num	8 PRNTL.	Prgnt in 1st yr, receivd cre 1st trimstr
267	HP_MAMOG	Num	8 HAYNN.	Women 40>=, mammography in pst 2 yrs
268	HP_MAM50	Num	8 HAYNN.	Women 50>=, mammography in pst 2 yrs
269	HP_PAP	Num	8 HAYNN.	All women, Pap smear in last 3 yrs
270	HP_BP	Num	8 HAYNN2_.	Bld prsre chck in last 2 yrs, know rsults
271	HP_FLU	Num	8 HAYNN.	65 and older, flu shot in last 12 mnths
272	HP_OBESE	Num	8 HAYNN.	Obese/Morbidly obese
273	HP_SMOKE	Num	8 HAYNN.	Advised to quit smoking in last 12 mnths
274	HP_SMKH3	Num	8 SMOKE.	Smoker under HEDIS definition (modified)
275	HP_CESH3	Num	8 SMOKE.	Had smoking cessation counseling - HEDIS (modified)
276	XCATCH	Num	8 CACR.	XCATCH - Catchment Area (Reporting)
277	POSTCELL	Char	5	ps cell for new wts - for all 3 quarters
278	FWRWT1	Num	8	Replicated/JackKnife NEW Weight 1
279	FWRWT2	Num	8	Replicated/JackKnife NEW Weight 2
280	FWRWT3	Num	8	Replicated/JackKnife NEW Weight 3
281	FWRWT4	Num	8	Replicated/JackKnife NEW Weight 4
282	FWRWT5	Num	8	Replicated/JackKnife NEW Weight 5
283	FWRWT6	Num	8	Replicated/JackKnife NEW Weight 6
284	FWRWT7	Num	8	Replicated/JackKnife NEW Weight 7
285	FWRWT8	Num	8	Replicated/JackKnife NEW Weight 8
286	FWRWT9	Num	8	Replicated/JackKnife NEW Weight 9
287	FWRWT10	Num	8	Replicated/JackKnife NEW Weight 10
288	FWRWT11	Num	8	Replicated/JackKnife NEW Weight 11
289	FWRWT12	Num	8	Replicated/JackKnife NEW Weight 12
290	FWRWT13	Num	8	Replicated/JackKnife NEW Weight 13
291	FWRWT14	Num	8	Replicated/JackKnife NEW Weight 14
292	FWRWT15	Num	8	Replicated/JackKnife NEW Weight 15
293	FWRWT16	Num	8	Replicated/JackKnife NEW Weight 16
294	FWRWT17	Num	8	Replicated/JackKnife NEW Weight 17
295	FWRWT18	Num	8	Replicated/JackKnife NEW Weight 18
296	FWRWT19	Num	8	Replicated/JackKnife NEW Weight 19
297	FWRWT20	Num	8	Replicated/JackKnife NEW Weight 20
298	FWRWT21	Num	8	Replicated/JackKnife NEW Weight 21

299	FWRWT22	Num	8	Replicated/JackKnife	NEW	Weight	22
300	FWRWT23	Num	8	Replicated/JackKnife	NEW	Weight	23
301	FWRWT24	Num	8	Replicated/JackKnife	NEW	Weight	24
302	FWRWT25	Num	8	Replicated/JackKnife	NEW	Weight	25
303	FWRWT26	Num	8	Replicated/JackKnife	NEW	Weight	26
304	FWRWT27	Num	8	Replicated/JackKnife	NEW	Weight	27
305	FWRWT28	Num	8	Replicated/JackKnife	NEW	Weight	28
306	FWRWT29	Num	8	Replicated/JackKnife	NEW	Weight	29
307	FWRWT30	Num	8	Replicated/JackKnife	NEW	Weight	30
308	FWRWT31	Num	8	Replicated/JackKnife	NEW	Weight	31
309	FWRWT32	Num	8	Replicated/JackKnife	NEW	Weight	32
310	FWRWT33	Num	8	Replicated/JackKnife	NEW	Weight	33
311	FWRWT34	Num	8	Replicated/JackKnife	NEW	Weight	34
312	FWRWT35	Num	8	Replicated/JackKnife	NEW	Weight	35
313	FWRWT36	Num	8	Replicated/JackKnife	NEW	Weight	36
314	FWRWT37	Num	8	Replicated/JackKnife	NEW	Weight	37
315	FWRWT38	Num	8	Replicated/JackKnife	NEW	Weight	38
316	FWRWT39	Num	8	Replicated/JackKnife	NEW	Weight	39
317	FWRWT40	Num	8	Replicated/JackKnife	NEW	Weight	40
318	FWRWT41	Num	8	Replicated/JackKnife	NEW	Weight	41
319	FWRWT42	Num	8	Replicated/JackKnife	NEW	Weight	42
320	FWRWT43	Num	8	Replicated/JackKnife	NEW	Weight	43
321	FWRWT44	Num	8	Replicated/JackKnife	NEW	Weight	44
322	FWRWT45	Num	8	Replicated/JackKnife	NEW	Weight	45
323	FWRWT46	Num	8	Replicated/JackKnife	NEW	Weight	46
324	FWRWT47	Num	8	Replicated/JackKnife	NEW	Weight	47
325	FWRWT48	Num	8	Replicated/JackKnife	NEW	Weight	48
326	FWRWT49	Num	8	Replicated/JackKnife	NEW	Weight	49
327	FWRWT50	Num	8	Replicated/JackKnife	NEW	Weight	50
328	FWRWT51	Num	8	Replicated/JackKnife	NEW	Weight	51
329	FWRWT52	Num	8	Replicated/JackKnife	NEW	Weight	52
330	FWRWT53	Num	8	Replicated/JackKnife	NEW	Weight	53
331	FWRWT54	Num	8	Replicated/JackKnife	NEW	Weight	54
332	FWRWT55	Num	8	Replicated/JackKnife	NEW	Weight	55
333	FWRWT56	Num	8	Replicated/JackKnife	NEW	Weight	56
334	FWRWT57	Num	8	Replicated/JackKnife	NEW	Weight	57
335	FWRWT58	Num	8	Replicated/JackKnife	NEW	Weight	58
336	FWRWT59	Num	8	Replicated/JackKnife	NEW	Weight	59
337	FWRWT60	Num	8	Replicated/JackKnife	NEW	Weight	60
338	FWRWT	Num	8	Final	NEW	Weight	

## **APPENDIX G**

### **RESPONSE RATE TABLES – QUARTER I**

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TABLE G.1

## RESPONSE RATES BY ENROLLMENT AND BENEFICIARY CATEGORY– QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Active Duty	9.7	8.1
Active Duty fam,Prime,civ PCM	4.1	3.9
Active Duty fam,Prime,mil PCM	4.3	4.5
Active Duty fam,non-enrollee	3.2	3.2
Retired,<65,civ PCM	15.6	15.7
Retired,<65,mil PCM	14.3	15.0
Retired,<65,non-enrollee	12.3	13.7
Retired,65+,enrolled	36.8	36.5
Retired,65+,non-enrollee	32.3	32.2
TRICARE Reserve Select	5.3	5.3

TABLE G.2

## RESPONSE RATES BY XOCONUS – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
In US/Missing Region	9.1	17.4
Europe	8.5	8.3
Western Pacific	6.8	9.1
Latin America	8.1	8.3

TABLE G.3

## RESPONSE RATES BY SEX – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Male	11.2	18.6
Female	7.3	15.4

TABLE G.4

## RESPONSE RATES BY CONUS/OCONUS INDICATOR – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Invalid/Missing	9.0	11.6
Not in USA	7.7	8.7
In USA	9.1	17.6

TABLE G.5

## RESPONSE RATES BY BENEFICIARY CATEGORY – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	9.7	8.0
Dependent of Active Duty & Guard/Reserve	3.9	4.1
Retiree/Depend of Retiree/Survivor/Other 65+	32.7	32.6
Retiree/Depend of Retiree/Survivor/Other <65	13.8	14.5

TABLE G.6

## RESPONSE RATES BY SAMPLING CATCHMENT AREA - QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Fox AHC-Redstone Arsenal	9.8	12.1
Lyster AHC-Ft. Rucker	9.4	10.9
42nd Medical Group-Maxwell	10.4	12.6
Bassett ACH-Ft. Wainwright	7.4	8.5
3rd Med Grp-Elmendorf	9.1	15.1
R W Bliss AHC-Ft. Huachuca	13.1	11.2
56th Med Grp-Luke	10.9	13.1
355th Med Grp-Davis Monthan	10.6	18.1
60th Med Grp-Travis	11.4	17.7
95th Med Grp-Edwards	9.4	11.4
NH Camp Pendleton	5.6	14.8
NBHC Port Hueneme	6.7	7.6
NH LeMoore	7.6	8.8
NMC San Diego	5.8	14.2
NH Twentynine Palms	7.0	12.3
Evans ACH-Ft. Carson	7.5	16.4
10th Med Group-USAF Academy CO	10.2	10.1
Walter Reed AMC-Washington DC	20.0	20.5
NH Pensacola	9.9	13.3
NH Jacksonville	7.4	15.4
96th Med Grp-Eglin	8.0	18.0
325th Med Grp-Tyndall	10.8	11.5
6th Med Grp-MacDill	9.7	14.3
45th Med Grp-Patrick	14.2	14.1
Eisenhower AMC-Ft. Gordon	8.8	12.2
Martin ACH-Ft. Benning	5.3	13.4
Winn ACH-Ft. Stewart	4.4	9.3
78th Med Grp-Robins	9.3	10.9
Tripler AMC-Ft. Shafter	6.3	12.4
366th Med Grp-Mountain Home	9.8	26.3
375th Med Grp-Scott	10.6	13.1
FHCC-Formerly NHC Great Lakes	7.6	15.3
Irwin ACH-Ft. Riley	7.4	20.1
Munson AHC-Ft. Leavenworth	10.2	11.1
Blanchfield ACH-Ft. Campbell	6.1	10.1
Ireland ACH-Ft. Knox	10.3	19.4
2nd Med Grp-Barksdale	7.4	9.1
Bayne-Jones ACH-Ft. Polk	5.6	5.6
779th Med Grp-Andrews	9.8	15.0
Walter Reed Natl Mil Med Cntr	10.1	22.5
NHC Patuxent River	9.1	10.6
Kimbrough Amb Car Cen-Ft Meade	9.8	11.1
81st Med Grp-Keesler	9.2	13.7
L. Wood ACH-Ft. Leonard Wood	6.7	13.0
55th Med Grp-Offutt	11.5	15.0
99th Med Grp-O'Callaghan Hosp	10.5	16.6
377th Med Grp-Kirtland	9.6	10.1
Keller ACH-West Point	6.7	13.5

TABLE G.6 (continued)

	Unweighted Response Rate	Weighted Response Rate
Womack AMC-Ft. Bragg	5.1	7.5
NH Camp Lejeune	5.8	7.5
NHC Cherry Point	7.0	13.3
88th Med Grp-Wright-Patterson	11.2	18.9
72nd Med Grp-Tinker	9.9	12.8
Reynolds ACH-Ft. Sill	7.3	12.0
20th Med Grp-Shaw	8.1	9.3
Naval Health Clinic Charleston	4.2	5.0
NH Beaufort	4.0	4.2
Moncrief ACH-Ft. Jackson	5.7	13.9
William Beaumont AMC-Ft. Bliss	5.8	8.0
Brooke AMC-Ft. Sam Houston	8.8	16.3
Darnall ACH-Ft. Hood	5.6	11.8
7th Med Grp-Dyess	10.6	11.7
82nd Med Grp-Sheppard	11.5	12.0
59th Med Wing-Lackland	10.9	13.1
NHC Corpus Christi	10.8	10.2
75th Med Grp-Hill	11.6	12.9
633rd Med Grp Langley-Eustis	9.0	19.6
McDonald AHC-Ft. Eustis	9.8	11.9
Kenner AHC-Ft. Lee	10.4	11.3
Ft Belvoir Community Hosp-FBCH	11.8	20.2
NMC Portsmouth	6.9	14.0
Madigan AMC-Ft. Lewis	6.6	16.9
NH Bremerton	8.0	11.1
NH Oak Harbor	8.3	8.7
92nd Med Grp-Fairchild	11.6	9.6
90th Med Grp-F.E. Warren	9.9	13.4
Weed ACH-Ft. Irwin	5.6	4.8
NBHC NAS North Island	10.5	10.0
21st Med Grp-Peterson	12.5	16.1
NHC Hawaii	9.8	10.8
NBHC Portsmouth	11.9	13.4
Guthrie AHC-Ft. Drum	3.6	3.6
NBHC Little Creek	8.4	11.0
NHC Quantico	10.6	13.3
NBHC Oceana	7.7	10.7
NBHC Mayport	7.3	9.3
NBHC NTC San Diego	7.4	10.0
NBHC Navsta Sewells	12.4	14.4
Landstuhl Regional Medcen	6.1	6.6
Bavaria Meddac	5.0	6.0
Brian Allgood ACH-Seoul	7.1	11.4
NH Guantanamo Bay	11.1	10.5
NH Naples	7.1	7.8
NH Guam-Agana	6.5	5.7
NH Okinawa	5.2	6.4
NH Yokosuka	6.1	7.8
48th Med Grp-Lakenheath	7.7	10.3
374th Med Grp-Yokota AB	8.4	10.1



TABLE G.6 (continued)

	Unweighted Response Rate	Weighted Response Rate
470 Med Flt-Geilenkirchen	5.7	9.1
18th Med Grp-Kadena AB	7.0	9.2
52nd Med Group-Spangdahlem	10.9	13.1
RAF Upwood	17.1	19.1
TRICARE Outpatient-Chula Vista	9.4	22.6
Naval Health Care New England	8.6	10.0
Out of Catchment North Region	11.1	22.1
Out of Catchment South Region	9.5	21.8
Out of Catchment West Region	10.2	22.0
Out of Catchment OCONUS Region	8.8	9.2

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, 2016

	Unweighted Response Rate	Weighted Response Rate
Missing/unknown	14.8	14.4
Army	7.0	11.5
Coast Guard	14.6	17.0
Air Force	10.0	15.8
Administrative	30.0	14.9
Support Contractor	9.4	17.6
Navy	7.6	12.0
National Capital Region Medical Director	11.1	23.0
Noncatchment	10.4	23.8
Uniformed Services Family Health Plan	15.5	26.0

TABLE G.8

## RESPONSE RATES BY JOINT SERVICE FLAG – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Not Joint Service	8.9	16.9
Joint Service	11.0	21.2

TABLE G.9

## RESPONSE RATES BY SERVICE – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
Army	7.7	14.7
Navy	8.6	16.8
Marine Corps	6.9	14.0
Air Force	10.6	20.8
Coast Guard	10.7	21.4
Other/Unknown	14.2	21.9

TABLE G.10

## RESPONSE RATES BY TNEX REGION – QUARTER I, 2016

	Unweighted Response Rate	Weighted Response Rate
North	9.3	17.8
South	8.8	17.5
West	9.1	17.1
Overseas	8.0	8.7

TABLE G.11

## RESPONSE RATES BY COMBINED GEOGRAPHIC AREA – QUARTER I, 2016

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
North	Walter Reed AMC-Washington DC	20.0	20.5
North	375th Med Grp-Scott	10.6	13.1
North	FHCC-Formerly NHC Great Lakes	7.6	15.3
North	Blanchfield ACH-Ft. Campbell	6.1	10.1
North	Ireland ACH-Ft. Knox	10.3	19.4
North	779th Med Grp-Andrews	9.8	15.0
North	Walter Reed Natl Mil Med Cntr	10.1	22.5
North	NHC Patuxent River	9.1	10.6
North	Kimbrough Amb Car Cen-Ft Meade	9.8	11.1
North	Keller ACH-West Point	6.7	13.5
North	Womack AMC-Ft. Bragg	5.1	7.5
North	NH Camp Lejeune	5.8	7.5
North	NHC Cherry Point	7.0	13.3
North	88th Med Grp-Wright-Patterson	11.2	18.9
North	633rd Med Grp Langley-Eustis	9.0	19.6
North	McDonald AHC-Ft. Eustis	9.8	11.9
North	Kenner AHC-Ft. Lee	10.4	11.3
North	Ft Belvoir Community Hosp-FBCH	11.8	20.2
North	NMC Portsmouth	6.9	14.0
North	NBHC Portsmouth	11.9	13.4
North	Guthrie AHC-Ft. Drum	3.6	3.6
North	NBHC Little Creek	8.4	11.0
North	NHC Quantico	10.6	13.3
North	NBHC Oceana	7.7	10.7
North	NBHC Navsta Sewells	12.4	14.4
North	Naval Health Care New England	8.6	10.0
North	Out of Catchment North Region	11.1	22.1
North	Out of Catchment South Region	5.9	23.6
North	Out of Catchment OCONUS Region	3.9	2.1
South	Fox AHC-Redstone Arsenal	9.8	12.1
South	Lyster AHC-Ft. Rucker	9.4	10.9
South	42nd Medical Group-Maxwell	10.4	12.6
South	NH Pensacola	9.9	13.3
South	NH Jacksonville	7.4	15.4
South	96th Med Grp-Eglin	8.0	18.0
South	325th Med Grp-Tyndall	10.8	11.5
South	6th Med Grp-MacDill	9.7	14.3
South	45th Med Grp-Patrick	14.2	14.1
South	Eisenhower AMC-Ft. Gordon	8.8	12.2
South	Martin ACH-Ft. Benning	5.3	13.4
South	Winn ACH-Ft. Stewart	4.4	9.3
South	78th Med Grp-Robins	9.3	10.9
South	2nd Med Grp-Barksdale	7.4	9.1
South	Bayne-Jones ACH-Ft. Polk	5.6	5.6
South	81st Med Grp-Keesler	9.2	13.7
South	72nd Med Grp-Tinker	9.9	12.8
South	Reynolds ACH-Ft. Sill	7.3	12.0
South	20th Med Grp-Shaw	8.1	9.3

TABLE G.11 (continued)

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
South	Naval Health Clinic Charleston	4.2	5.0
South	NH Beaufort	4.0	4.2
South	Moncrief ACH-Ft. Jackson	5.7	13.9
South	Brooke AMC-Ft. Sam Houston	8.8	16.3
South	Darnall ACH-Ft. Hood	5.6	11.8
South	7th Med Grp-Dyess	10.6	11.7
South	82nd Med Grp-Sheppard	11.5	12.0
South	59th Med Wing-Lackland	10.9	13.1
South	NHC Corpus Christi	10.8	10.2
South	NBHC Mayport	7.3	9.3
South	Out of Catchment South Region	9.5	21.8
South	Out of Catchment OCONUS Region	5.9	13.2
West	Bassett ACH-Ft. Wainwright	7.4	8.5
West	3rd Med Grp-Elmendorf	9.1	15.1
West	R W Bliss AHC-Ft. Huachuca	13.1	11.2
West	56th Med Grp-Luke	10.9	13.1
West	355th Med Grp-Davis Monthan	10.6	18.1
West	60th Med Grp-Travis	11.4	17.7
West	95th Med Grp-Edwards	9.4	11.4
West	NH Camp Pendleton	5.6	14.8
West	NBHC Port Hueneme	6.7	7.6
West	NH LeMoore	7.6	8.8
West	NMC San Diego	5.8	14.2
West	NH Twentynine Palms	7.0	12.3
West	Evans ACH-Ft. Carson	7.5	16.4
West	10th Med Group-USAF Academy CO	10.2	10.1
West	Tripler AMC-Ft. Shafter	6.3	12.4
West	366th Med Grp-Mountain Home	9.8	26.3
West	Irwin ACH-Ft. Riley	7.4	20.1
West	Munson AHC-Ft. Leavenworth	10.2	11.1
West	L. Wood ACH-Ft. Leonard Wood	6.7	13.0
West	55th Med Grp-Offutt	11.5	15.0
West	99th Med Grp-O'Callaghan Hosp	10.5	16.6
West	377th Med Grp-Kirtland	9.6	10.1
West	William Beaumont AMC-Ft. Bliss	5.8	8.0
West	75th Med Grp-Hill	11.6	12.9
West	Madigan AMC-Ft. Lewis	6.6	16.9
West	NH Bremerton	8.0	11.1
West	NH Oak Harbor	8.3	8.7
West	92nd Med Grp-Fairchild	11.6	9.6
West	90th Med Grp-F.E. Warren	9.9	13.4
West	Weed ACH-Ft. Irwin	5.6	4.8
West	NBHC NAS North Island	10.5	10.0
West	21st Med Grp-Peterson	12.5	16.1
West	NHC Hawaii	9.8	10.8
West	NBHC NTC San Diego	7.4	10.0
West	TRICARE Outpatient-Chula Vista	9.4	22.6
West	Out of Catchment West Region	10.2	22.0
West	Out of Catchment OCONUS Region	5.9	12.3
Overseas	Landstuhl Regional Medcen	6.1	6.6

TABLE G.11 (continued)

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
Overseas	Bavaria Meddac	5.0	6.0
Overseas	Brian Allgood ACH-Seoul	7.1	11.4
Overseas	NH Guantanamo Bay	11.1	10.5
Overseas	NH Naples	7.1	7.8
Overseas	NH Guam-Agana	6.5	5.7
Overseas	NH Okinawa	5.2	6.4
Overseas	NH Yokosuka	6.1	7.8
Overseas	48th Med Grp-Lakenheath	7.7	10.3
Overseas	374th Med Grp-Yokota AB	8.4	10.1
Overseas	470 Med Flt-Geilenkirchen	6.0	9.5
Overseas	18th Med Grp-Kadena AB	7.0	9.2
Overseas	52nd Med Group-Spangdahlem	10.9	13.1
Overseas	RAF Upwood	17.1	19.1
Overseas	Out of Catchment OCONUS Region	9.0	9.3

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, 2016

Beneficiary Category	Sex	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Male	9.2	7.6
Active Duty and Guard/Reserve	Female	12.1	9.9
Dependent of Active Duty & Guard/Reserve	Male	2.5	2.5
Dependent of Active Duty & Guard/Reserve	Female	4.2	4.3
Retiree/Depend of Retiree/Survivor/Other 65+	Male	39.5	39.3
Retiree/Depend of Retiree/Survivor/Other 65+	Female	26.9	26.9
Retiree/Depend of Retiree/Survivor/Other <65	Male	15.3	15.8
Retiree/Depend of Retiree/Survivor/Other <65	Female	12.3	13.4

TABLE G.13

## RESPONSE RATES BY BENEFICIARY CATEGORY AND SERVICE – QUARTER I, 2016

Beneficiary	Service	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Army	5.9	5.0
Active Duty and Guard/Reserve	Navy	8.9	7.8
Active Duty and Guard/Reserve	Marine Corps	6.5	6.1
Active Duty and Guard/Reserve	Air Force	13.5	13.3
Active Duty and Guard/Reserve	Coast Guard	14.7	14.9
Active Duty and Guard/Reserve	Other/Unknown	26.8	29.1
Dependent of Active Duty & Guard/Reserve	Army	3.9	3.9
Dependent of Active Duty & Guard/Reserve	Navy	3.9	4.2
Dependent of Active Duty & Guard/Reserve	Marine Corps	3.1	3.2
Dependent of Active Duty & Guard/Reserve	Air Force	4.0	4.0
Dependent of Active Duty & Guard/Reserve	Coast Guard	5.6	6.4
Dependent of Active Duty & Guard/Reserve	Other/Unknown	8.4	8.9
Retiree/Depend of Retiree/Survivor/Other 65+	Army	31.3	31.3
Retiree/Depend of Retiree/Survivor/Other 65+	Navy	32.1	31.7
Retiree/Depend of Retiree/Survivor/Other 65+	Marine Corps	33.3	33.6
Retiree/Depend of Retiree/Survivor/Other 65+	Air Force	33.8	33.8
Retiree/Depend of Retiree/Survivor/Other 65+	Coast Guard	43.9	44.1
Retiree/Depend of Retiree/Survivor/Other 65+	Other/Unknown	30.8	29.8
Retiree/Depend of Retiree/Survivor/Other <65	Army	13.4	13.7
Retiree/Depend of Retiree/Survivor/Other <65	Navy	13.2	13.9
Retiree/Depend of Retiree/Survivor/Other <65	Marine Corps	13.8	13.9
Retiree/Depend of Retiree/Survivor/Other <65	Air Force	14.4	16.2
Retiree/Depend of Retiree/Survivor/Other <65	Coast Guard	14.5	15.6
Retiree/Depend of Retiree/Survivor/Other <65	Other/Unknown	15.1	17.3