

Contract No.: HHSP233201500035I/HHSP23337039T
Mathematica Reference No.: 50713.Y1.T02.016.000

2020 Health Care Survey of DoD Beneficiaries:

Adult Codebook and User's Guide

June 2020

Quarter II

Survey Fielded: December 2019

Submitted to:

Defense Health Agency
7700 Arlington Boulevard, Suite 5101
Falls Church, VA 22042-5101
(703) 681-3636

Task Order Officer:

Melissa Gliner, Ph. D.

Submitted by:

Mathematica Policy Research, Inc.
1100 First Street, NE, 12th Floor
Washington, DC 20002-4221
(202) 484-9220

Project Director:

Nancy A. Clusen

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

Contents

| Lists | Page |
|--|-------------|
| Table of Variables | v |
| Alphabetical Table of Variables | xi |
| Chapters | |
| 1 Introduction | 1 |
| 2 Survey of Adults | 7 |
| 3 Description of the Adult HCSDB Database | 19 |
| 4 Programming Guide | 23 |
| - How to Make a Table Using SAS | 23 |
| - How to Make a Table Using SPSS | 56 |
| - Calculating Variances of Estimates | 133 |
| 5 Codebook | 139 |
| References | 221 |
| Appendices | |
| A Annotated Questionnaire – Quarter II | A-1 |
| B Survey Fielding Letters – Quarter II | B-1 |
| C Crosswalk between 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, and 2020 Questions for Adult HCSDB – Quarter II | C-1 |
| D Coding Scheme and Coding Tables – Quarter II | D-1 |
| E SAS Proc Contents – Alphabetical 2020 Adult HCSDB – Quarter II | E-1 |
| F SAS Proc Contents – Creation Order 2020 Adult HCSDB – Quarter II | F-1 |
| G Response Rate Tables – Quarter II | G-1 |

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

TABLE OF VARIABLES

| Sample Variables | Label | Page |
|-------------------------|--|-------------|
| MPRID | Unique MPR identifier | 141 |
| SVCSMPL | Branch of service sampling variable | 141 |
| SEXSMPL | Sex sampling variable | 141 |
| STRATUM | Sampling stratum | 141 |
| ENBGSMPL | Enrollment by beneficiary category | 148 |
| MPCSMPL | Military personnel category | 148 |
| NHFF | Stratum sample size | 148 |
| QUARTER | Survey quarter | 148 |
| D_HEALTH | Health service region | 148 |
| TNEXREG | TRICARE next generation of contracts region grouping | 149 |
| BWT | Basic sampling weight | 149 |

| DEERS Variables | Label | Page |
|------------------------|---|-------------|
| RACEETHN | Race/Ethnic code | 149 |
| PNSEXCD | Person gender | 149 |
| RDAGEQY | Age at time of sample preparation-Capped (18 and below, 65 and above) | 150 |
| RFLDAGE | Age at start of fielding period-Capped (18 and below, 65 and above) | 150 |
| PCM | Primary manager code (civilian or military) | 150 |
| DBENCAT | Beneficiary category | 150 |
| DSPONSVC | Derived sponsor branch of service | 151 |
| PATCAT | Aggregated beneficiary category | 151 |
| PNTYPECD | Person type code | 151 |
| DELGENRC | DEERS Eligibility-Enrollment Code | 151 |
| DENRGRPC | DEERS Enroll Group Code | 152 |

| Questionnaire Variables | Label | Page |
|--------------------------------|--|-------------|
| H20001 | Are you the person listed on the cover letter | 152 |
| H20002A | Health plan(s) covered: TRICARE Prime | 152 |
| H20002C | Health plan(s) covered: TRICARE Select | 152 |
| H20002N | Health plan(s) covered: TRICARE Plus | 152 |
| H20002O | Health plan(s) covered: TRICARE For Life | 152 |
| H20002P | Health plan(s) covered: TRICARE Supplemental Insurance | 153 |
| H20002Q | Health plan(s) covered: TRICARE Reserve Select | 153 |
| H20002S | Health plan(s) covered: TRICARE Retired Reserve | 153 |
| H20002T | Health plan(s) covered: TRICARE Young Adult Prime | 153 |
| H20002V | Health plan(s) covered: TRICARE Young Adult Extra or Standard | 153 |
| H20002K | Health plan(s) covered: Uniformed Services Family Health Plan (USFHP) | 153 |
| H20002U | Health plan(s) covered: Continued Health Care Benefit Program (CHCBP) | 154 |
| H20002F | Health plan(s) covered: Medicare | 154 |
| H20002G | Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP) | 154 |
| H20002H | Health plan(s) covered: Medicaid | 154 |
| H20002I | Health plan(s) covered: civilian HMO | 154 |
| H20002J | Health plan(s) covered: other civilian health insurance | 154 |
| H20002M | Health plan(s) covered: Veterans Administration (VA) | 155 |
| H20002R | Health plan(s) covered: other Non-US government health insurance | 155 |
| H20002L | Health plan(s) covered: not sure | 155 |
| H20003 | Which health plan did you use most in the past 12 months? | 155 |
| H20004 | Months or years in a row with health plan | 155 |
| H20005 | In last year: facility used most for health care | 156 |
| H20006 | In last year: have illness/injury/condition that needed care right away | 156 |
| H20007 | In last year: how often got care as soon as you needed it | 157 |

| Questionnaire Variables | Label | Page |
|-------------------------|---|------|
| H20008 | In last year: wait between trying to get care and actually seeing a provider for an illness or injury | 157 |
| H20009 | In last year: made appointments for non-urgent health care | 157 |
| H20010 | In last year: how often got appointments for non-urgent health care as soon as you needed | 157 |
| H20012 | In last year: times went to an emergency room for yourself | 158 |
| H20013 | In last year: times went to doctor's office or clinic for self (not counting times went to an ER) | 158 |
| H20014 | In last year: how often talk to doctor or other health care provider about illness prevention | 159 |
| H20015 | In last year: doctor or other health care provider talked about more than 1 choice for treatment | 159 |
| H20016 | In last year: doctor talked about pros/cons of each treatment/health care choice | 159 |
| H20018 | Rating of all health care in last year | 159 |
| H20033 | In last year: how often easy to get care, tests, or treatment you needed | 160 |
| H20019 | Have one person you think of as your personal doctor | 160 |
| H20020 | In last year: number of times visited personal doctor for care for self | 161 |
| H20021 | In last year: how often personal doctor listened carefully to you | 161 |
| H20022 | In last year: how often personal doctor explained things in a way that was easy to understand | 161 |
| H20023 | In last year: how often your personal doctor showed respect for what you have to say | 161 |
| H20024 | In last year: how often your personal doctor spent enough time with you | 162 |
| H20025 | In last year: got care from doctor or other health provider other than personal doctor | 162 |
| H20027 | Rating of your personal doctor | 162 |
| H20028 | In last year: tried to make appointment to see a specialist | 163 |
| H20029 | In last year: how often did you get an appointment with specialist as soon as needed | 163 |
| H20030 | In last year: how many specialists seen | 163 |
| H20031 | Rating of specialist seen most often in last year | 164 |
| H20034 | In last year: looked for information in written material or on the Internet about how health plan works | 164 |
| H20036 | In last year: looked for information from health plan on cost of health care service or equipment | 164 |
| H20037 | In last year: how often able to find out from health plan cost of health care service or equipment | 165 |
| H20038 | In last year: looked for information from health plan on cost of prescription medications | 165 |
| H20039 | In last year: how often able to find out cost of prescription medications | 165 |
| H20040 | In last year: tried to get information or help from health plan's customer service | 166 |
| H20041 | In last year: how often did customer service give needed information or help | 166 |
| H20042 | In last year: how often did customer service treat with courtesy and respect | 166 |
| H20043 | In last year: health plan gave forms to fill out | 166 |
| H20044 | In last year: how often forms from health plan were easy to fill out | 167 |
| H20045 | In last year: sent in any claims to your health plan | 167 |
| H20046 | In last year: how often health plan handled claims quickly | 167 |
| H20047 | In last year: how often health plan handled claims correctly | 167 |
| H20048 | Rating of all experience with health plan | 168 |
| H20049 | Blood pressure: when last reading | 168 |
| H20050 | Blood pressure: know if blood pressure is too high or not | 168 |
| H20051 | When did you last have a flu shot | 168 |
| H20052 | Smoked at least 100 cigarettes in life | 169 |
| H20053 | Smoke or use tobacco every day, some days, or not at all | 169 |
| H20054 | Last year: how often advised by doctor to quit smoking or using tobacco | 169 |
| H20057A | Do you smoke or use: cigarettes | 169 |

| Questionnaire | | |
|----------------------|---|-------------|
| Variables | Label | Page |
| H20057B | Do you smoke or use: dip, chewing tobacco, snuff, or snus | 170 |
| H20057C | Do you smoke or use: cigars | 170 |
| H20057D | Do you smoke or use: pipes, bidis, or kreteks | 171 |
| H20058 | Are you male or female | 171 |
| H20059B | Female: last have a Pap smear test | 171 |
| H20060 | Female: are you under age 40 | 171 |
| H20061 | Female: last time breasts checked by mammography | 172 |
| H20062 | Female: been pregnant in last year or pregnant now | 172 |
| H20063 | Female: in what trimester is your pregnancy | 172 |
| H20064 | Female: trimester first received prenatal care | 172 |
| H20065 | In general how would you rate your overall health | 173 |
| SREDA | Highest grade completed | 173 |
| H20073 | Are you Spanish, Hispanic, or Latino | 173 |
| H20073A | No, not Spanish, Hispanic, or Latino | 173 |
| H20073B | Yes, Mexican, Mexican American, Chicano | 174 |
| H20073C | Yes, Puerto Rican | 174 |
| H20073D | Yes, Cuban or other Spanish, Hispanic, or Latino | 174 |
| SRRACEA | Race: White | 174 |
| SRRACEB | Race: Black or African American | 174 |
| SRRACEC | Race: American Indian or Alaska Native or Native Hawaiian/other Pacific Islander | 174 |
| SRRACED | Race: Asian | 175 |
| SRAGE | What is your age now? | 175 |
| S20009 | Had the same personal doctor before joining this health plan | 175 |
| S20011 | Agree/disagree: Able to see provider when needed | 175 |
| S20014 | How satisfied with health care during last visit | 176 |
| S20B01 | Self rate of overall mental/emotional health | 176 |
| S20B02 | Last year: needed treatment/counseling-personal prob | 176 |
| S20B03 | Last year: problem getting needed treatment/counseling | 177 |
| S20B04 | Last year: rate of treatment/counseling received | 177 |
| S20BF4 | How often do you use e-cigarettes | 177 |
| S20BG01 | How many days was physical health not good in past 30 days | 177 |
| S20BG02 | How many days was mental health not good in past 30 days | 178 |
| S20BG03 | How many days did poor health stop usual activities in past 30 days | 178 |
| S20BJ01 | Do you have any children under the age of 18 living at home with you? | 179 |
| S20BJ02 | How much of a problem is it for you to make child care arrangements? | 180 |
| S20BJ03 | How concerned are you about your child's/children's education? | 180 |
| S20BJ04 | How concerned are you about: Your health problems? | 181 |
| S20BJ05 | How concerned are you about: The health problems of a family member? | 181 |
| S20BJ06 | How concerned are you about: Managing household expenses? | 181 |
| S20BJ07 | How concerned are you about: Major financial hardship or bankruptcy in your family? | 181 |
| S20BJ08 | How concerned are you about: The demands of your job? | 181 |
| S20BJ09 | How concerned are you about: The demands of going to school? | 182 |
| S20BJ10 | Are you married? | 182 |
| S20BJ11 | How concerned are you about: Poor communication with your spouse? | 182 |
| S20BJ12 | How concerned are you about: Arguments with your spouse? | 182 |
| S20BJ13 | How concerned are you about: Marital problems between you and your spouse? | 183 |
| S20BJ14 | Has your spouse been on deployment during the past 30 days? | 183 |
| Survey | | |
| Fielding | | |
| Variables | Label | Page |
| ONTIME | Responded within 8 weeks of mail-out | 183 |
| FLAG_FIN | Final disposition | 183 |
| DUPFLAG | Multiple response indicator | 184 |

| Survey | | |
|--------------------------------|--|-------------|
| Fielding | | |
| Variables | Label | Page |
| FNSTATUS | Final status | 184 |
| KEYCOUNT | Number of key questions answered | 184 |
| WEB | Web survey indicator | 184 |
| SURVTYPE | Web or Mail Survey | 184 |
| Coding | | |
| Scheme Flags and Counts | | |
| | Label | Page |
| N1 | Coding Scheme Note 1 | 185 |
| N2 | Coding Scheme Note 2 | 185 |
| N3 | Coding Scheme Note 3 | 185 |
| N4 | Coding Scheme Note 4 | 185 |
| N5 | Coding Scheme Note 5 | 186 |
| N6 | Coding Scheme Note 6 | 186 |
| N7 | Coding Scheme Note 7 | 186 |
| N8 | Coding Scheme Note 8 | 186 |
| N8_01 | Coding Scheme Note 8_01 | 187 |
| N9 | Coding Scheme Note 9 | 187 |
| N10 | Coding Scheme Note 10 | 187 |
| N10_B1 | Coding Scheme Note 10_B1 | 187 |
| N12 | Coding Scheme Note 12 | 187 |
| N13 | Coding Scheme Note 13 | 188 |
| N14 | Coding Scheme Note 14 | 188 |
| N15 | Coding Scheme Note 15 | 188 |
| N16 | Coding Scheme Note 16 | 188 |
| N17 | Coding Scheme Note 17 | 189 |
| N18 | Coding Scheme Note 18 | 189 |
| N19A | Coding Scheme Note 19A | 189 |
| N19B | Coding Scheme Note 19B | 189 |
| N20 | Coding Scheme Note 20 | 190 |
| N21 | Coding Scheme Note 21 | 190 |
| N21_BG1 | Coding Scheme Note 21_BG1 | 190 |
| N21_BG2 | Coding Scheme Note 21_BG2 | 190 |
| N21_BG3 | Coding Scheme Note 21_BG3 | 190 |
| N23_HT | Coding Scheme Note 23_HT | 191 |
| N23_WT | Coding Scheme Note 23_WT | 191 |
| N24 | Coding Scheme Note 24 | 191 |
| N24_BJ1 | Coding Scheme Note 24_BJ1 | 191 |
| N24_BJ2 | Coding Scheme Note 24_BJ2 | 191 |
| MISS_1 | Count of original survey responses (pre-cleaning): violates skip pattern | 192 |
| MISS_4 | Count of original survey responses (pre-cleaning): incomplete grid error | 192 |
| MISS_5 | Count of original survey responses (pre-cleaning): scalable response of don't know | 192 |
| MISS_6 | Count of original survey responses (pre-cleaning): not applicable - valid skip | 192 |
| MISS_7 | Count of original survey responses (pre-cleaning): out-of-range error | 193 |
| MISS_9 | Count of original survey responses (pre-cleaning): no response - invalid skip | 193 |
| MISS_TOT | Total number of missing responses (pre-cleaning) | 194 |
| Constructed | | |
| Variables | Label | Page |
| DHAFLAG | DHA Flag | 195 |
| XENRLLMT | Enrollment in TRICARE prime | 195 |
| XENR_PCM | Enrollment by PCM type | 195 |
| XINS_COV | Insurance coverage | 196 |
| XBENCAT | Beneficiary category | 196 |

| Constructed Variables | Label | Page |
|------------------------------|--|-------------|
| XENR_RSV | Enrollment by PCM type - reservist | 197 |
| XINS_RSV | Insurance coverage - reservist | 197 |
| XREGION | Region | 198 |
| XTNEXRG2 | Revised TNEX Region - Definitions changed as of FY2019 | 198 |
| USA | CONUS/OCONUS indicator | 198 |
| XOCONUS | Overseas Europe/Pacific/Latin indicator | 198 |
| OUTCATCH | Out of catchment area indicator | 199 |
| XSEX | Male or female (recode) | 199 |
| XBMICAT | Body mass index category | 199 |
| XBNFGRP | Constructed beneficiary group | 199 |
| KMILOPQY | Outpatient visits-use Military facility most | 200 |
| KCIVOPQY | Outpatient visits-use Civilian facility most | 200 |
| XSERVAFF | Service affiliation | 200 |
| KCIVINS | Beneficiary covered by civilian insurance | 200 |
| HP_PRNTL | Pregnant in last year received care in 1st trimester | 201 |
| HP_MAMOG | Women age 40 and over: mammography in past 2 years | 201 |
| HP_MAM50 | Women age 50 and over: mammography in past 2 years | 201 |
| HP_PAP | All women: pap smear in last 3 years | 201 |
| HP_BP | Blood pressure check in last 2 years and know results | 201 |
| HP_FLU | Age 65 and older: flu shot in last 12 months | 202 |
| HP_OBESE | Obese or morbidly obese | 202 |
| HP_SMOKE | Advised to quit smoking in last 12 months | 202 |
| HP_SMKH3 | Smoker under HEDIS definition (modified) | 202 |
| HP_CESH3 | Had smoking cessation counseling - HEDIS (modified) | 202 |

| Post-stratification | Label | Page |
|----------------------------|---|-------------|
| POSTCELL | Poststratification cell for new weights | 203 |

| Weight | Label | Page |
|---------------|--|-------------|
| FWRWT1 | Replicated/Jackknife quarterly weight 1 | 205 |
| FWRWT2 | Replicated/Jackknife quarterly weight 2 | 205 |
| FWRWT3 | Replicated/Jackknife quarterly weight 3 | 206 |
| FWRWT4 | Replicated/Jackknife quarterly weight 4 | 206 |
| FWRWT5 | Replicated/Jackknife quarterly weight 5 | 206 |
| FWRWT6 | Replicated/Jackknife quarterly weight 6 | 206 |
| FWRWT7 | Replicated/Jackknife quarterly weight 7 | 207 |
| FWRWT8 | Replicated/Jackknife quarterly weight 8 | 207 |
| FWRWT9 | Replicated/Jackknife quarterly weight 9 | 207 |
| FWRWT10 | Replicated/Jackknife quarterly weight 10 | 207 |
| FWRWT11 | Replicated/Jackknife quarterly weight 11 | 208 |
| FWRWT12 | Replicated/Jackknife quarterly weight 12 | 208 |
| FWRWT13 | Replicated/Jackknife quarterly weight 13 | 208 |
| FWRWT14 | Replicated/Jackknife quarterly weight 14 | 208 |
| FWRWT15 | Replicated/Jackknife quarterly weight 15 | 209 |
| FWRWT16 | Replicated/Jackknife quarterly weight 16 | 209 |
| FWRWT17 | Replicated/Jackknife quarterly weight 17 | 209 |
| FWRWT18 | Replicated/Jackknife quarterly weight 18 | 209 |
| FWRWT19 | Replicated/Jackknife quarterly weight 19 | 210 |
| FWRWT20 | Replicated/Jackknife quarterly weight 20 | 210 |
| FWRWT21 | Replicated/Jackknife quarterly weight 21 | 210 |
| FWRWT22 | Replicated/Jackknife quarterly weight 22 | 210 |
| FWRWT23 | Replicated/Jackknife quarterly weight 23 | 211 |
| FWRWT24 | Replicated/Jackknife quarterly weight 24 | 211 |
| FWRWT25 | Replicated/Jackknife quarterly weight 25 | 211 |

| Weight | Label | Page |
|---------|--|------|
| FWRWT26 | Replicated/Jackknife quarterly weight 26 | 211 |
| FWRWT27 | Replicated/Jackknife quarterly weight 27 | 212 |
| FWRWT28 | Replicated/Jackknife quarterly weight 28 | 212 |
| FWRWT29 | Replicated/Jackknife quarterly weight 29 | 212 |
| FWRWT30 | Replicated/Jackknife quarterly weight 30 | 212 |
| FWRWT31 | Replicated/Jackknife quarterly weight 31 | 213 |
| FWRWT32 | Replicated/Jackknife quarterly weight 32 | 213 |
| FWRWT33 | Replicated/Jackknife quarterly weight 33 | 213 |
| FWRWT34 | Replicated/Jackknife quarterly weight 34 | 213 |
| FWRWT35 | Replicated/Jackknife quarterly weight 35 | 214 |
| FWRWT36 | Replicated/Jackknife quarterly weight 36 | 214 |
| FWRWT37 | Replicated/Jackknife quarterly weight 37 | 214 |
| FWRWT38 | Replicated/Jackknife quarterly weight 38 | 214 |
| FWRWT39 | Replicated/Jackknife quarterly weight 39 | 215 |
| FWRWT40 | Replicated/Jackknife quarterly weight 40 | 215 |
| FWRWT41 | Replicated/Jackknife quarterly weight 41 | 215 |
| FWRWT42 | Replicated/Jackknife quarterly weight 42 | 215 |
| FWRWT43 | Replicated/Jackknife quarterly weight 43 | 216 |
| FWRWT44 | Replicated/Jackknife quarterly weight 44 | 216 |
| FWRWT45 | Replicated/Jackknife quarterly weight 45 | 216 |
| FWRWT46 | Replicated/Jackknife quarterly weight 46 | 216 |
| FWRWT47 | Replicated/Jackknife quarterly weight 47 | 217 |
| FWRWT48 | Replicated/Jackknife quarterly weight 48 | 217 |
| FWRWT49 | Replicated/Jackknife quarterly weight 49 | 217 |
| FWRWT50 | Replicated/Jackknife quarterly weight 50 | 217 |
| FWRWT51 | Replicated/Jackknife quarterly weight 51 | 218 |
| FWRWT52 | Replicated/Jackknife quarterly weight 52 | 218 |
| FWRWT53 | Replicated/Jackknife quarterly weight 53 | 218 |
| FWRWT54 | Replicated/Jackknife quarterly weight 54 | 218 |
| FWRWT55 | Replicated/Jackknife quarterly weight 55 | 219 |
| FWRWT56 | Replicated/Jackknife quarterly weight 56 | 219 |
| FWRWT57 | Replicated/Jackknife quarterly weight 57 | 219 |
| FWRWT58 | Replicated/Jackknife quarterly weight 58 | 219 |
| FWRWT59 | Replicated/Jackknife quarterly weight 59 | 220 |
| FWRWT60 | Replicated/Jackknife quarterly weight 60 | 220 |
| FWRWT | Final quarterly weight | 220 |

ALPHABETICAL TABLE OF VARIABLES

| Variable | Label | Page |
|----------|--|------|
| BWT | Basic sampling weight | 149 |
| D_HEALTH | Health service region | 148 |
| DBENCAT | Beneficiary category | 150 |
| DELGENRC | DEERS Eligibility-Enrollment Code | 151 |
| DENRGRPC | DEERS Enroll Group Code | 152 |
| DHAFLAG | DHA Flag | 195 |
| DSPONSVC | Derived sponsor branch of service | 151 |
| DUPFLAG | Multiple response indicator | 184 |
| ENBGSMPL | Enrollment by beneficiary category | 148 |
| FLAG_FIN | Final disposition | 183 |
| FNSTATUS | Final status | 184 |
| FWRWT | Final quarterly weight | 220 |
| FWRWT1 | Replicated/Jackknife quarterly weight 1 | 205 |
| FWRWT10 | Replicated/Jackknife quarterly weight 10 | 207 |
| FWRWT11 | Replicated/Jackknife quarterly weight 11 | 208 |
| FWRWT12 | Replicated/Jackknife quarterly weight 12 | 208 |
| FWRWT13 | Replicated/Jackknife quarterly weight 13 | 208 |
| FWRWT14 | Replicated/Jackknife quarterly weight 14 | 208 |
| FWRWT15 | Replicated/Jackknife quarterly weight 15 | 209 |
| FWRWT16 | Replicated/Jackknife quarterly weight 16 | 209 |
| FWRWT17 | Replicated/Jackknife quarterly weight 17 | 209 |
| FWRWT18 | Replicated/Jackknife quarterly weight 18 | 209 |
| FWRWT19 | Replicated/Jackknife quarterly weight 19 | 210 |
| FWRWT2 | Replicated/Jackknife quarterly weight 2 | 205 |
| FWRWT20 | Replicated/Jackknife quarterly weight 20 | 210 |
| FWRWT21 | Replicated/Jackknife quarterly weight 21 | 210 |
| FWRWT22 | Replicated/Jackknife quarterly weight 22 | 210 |
| FWRWT23 | Replicated/Jackknife quarterly weight 23 | 211 |
| FWRWT24 | Replicated/Jackknife quarterly weight 24 | 211 |
| FWRWT25 | Replicated/Jackknife quarterly weight 25 | 211 |
| FWRWT26 | Replicated/Jackknife quarterly weight 26 | 211 |
| FWRWT27 | Replicated/Jackknife quarterly weight 27 | 212 |
| FWRWT28 | Replicated/Jackknife quarterly weight 28 | 212 |
| FWRWT29 | Replicated/Jackknife quarterly weight 29 | 212 |
| FWRWT3 | Replicated/Jackknife quarterly weight 3 | 206 |
| FWRWT30 | Replicated/Jackknife quarterly weight 30 | 212 |
| FWRWT31 | Replicated/Jackknife quarterly weight 31 | 213 |
| FWRWT32 | Replicated/Jackknife quarterly weight 32 | 213 |
| FWRWT33 | Replicated/Jackknife quarterly weight 33 | 213 |
| FWRWT34 | Replicated/Jackknife quarterly weight 34 | 213 |
| FWRWT35 | Replicated/Jackknife quarterly weight 35 | 214 |
| FWRWT36 | Replicated/Jackknife quarterly weight 36 | 214 |
| FWRWT37 | Replicated/Jackknife quarterly weight 37 | 214 |
| FWRWT38 | Replicated/Jackknife quarterly weight 38 | 214 |
| FWRWT39 | Replicated/Jackknife quarterly weight 39 | 215 |
| FWRWT4 | Replicated/Jackknife quarterly weight 4 | 206 |
| FWRWT40 | Replicated/Jackknife quarterly weight 40 | 215 |
| FWRWT41 | Replicated/Jackknife quarterly weight 41 | 215 |
| FWRWT42 | Replicated/Jackknife quarterly weight 42 | 215 |
| FWRWT43 | Replicated/Jackknife quarterly weight 43 | 216 |
| FWRWT44 | Replicated/Jackknife quarterly weight 44 | 216 |
| FWRWT45 | Replicated/Jackknife quarterly weight 45 | 216 |
| FWRWT46 | Replicated/Jackknife quarterly weight 46 | 216 |

| Variable | Label | Page |
|----------|---|------|
| FWRWT47 | Replicated/Jackknife quarterly weight 47 | 217 |
| FWRWT48 | Replicated/Jackknife quarterly weight 48 | 217 |
| FWRWT49 | Replicated/Jackknife quarterly weight 49 | 217 |
| FWRWT5 | Replicated/Jackknife quarterly weight 5 | 206 |
| FWRWT50 | Replicated/Jackknife quarterly weight 50 | 217 |
| FWRWT51 | Replicated/Jackknife quarterly weight 51 | 218 |
| FWRWT52 | Replicated/Jackknife quarterly weight 52 | 218 |
| FWRWT53 | Replicated/Jackknife quarterly weight 53 | 218 |
| FWRWT54 | Replicated/Jackknife quarterly weight 54 | 218 |
| FWRWT55 | Replicated/Jackknife quarterly weight 55 | 219 |
| FWRWT56 | Replicated/Jackknife quarterly weight 56 | 219 |
| FWRWT57 | Replicated/Jackknife quarterly weight 57 | 219 |
| FWRWT58 | Replicated/Jackknife quarterly weight 58 | 219 |
| FWRWT59 | Replicated/Jackknife quarterly weight 59 | 220 |
| FWRWT6 | Replicated/Jackknife quarterly weight 6 | 206 |
| FWRWT60 | Replicated/Jackknife quarterly weight 60 | 220 |
| FWRWT7 | Replicated/Jackknife quarterly weight 7 | 207 |
| FWRWT8 | Replicated/Jackknife quarterly weight 8 | 207 |
| FWRWT9 | Replicated/Jackknife quarterly weight 9 | 207 |
| H20001 | Are you the person listed on the cover letter | 152 |
| H20002A | Health plan(s) covered: TRICARE Prime | 152 |
| H20002C | Health plan(s) covered: TRICARE Select | 152 |
| H20002F | Health plan(s) covered: Medicare | 154 |
| H20002G | Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP) | 154 |
| H20002H | Health plan(s) covered: Medicaid | 154 |
| H20002I | Health plan(s) covered: civilian HMO | 154 |
| H20002J | Health plan(s) covered: other civilian health insurance | 155 |
| H20002K | Health plan(s) covered: Uniformed Services Family Health Plan (USFHP) | 154 |
| H20002L | Health plan(s) covered: not sure | 155 |
| H20002M | Health plan(s) covered: Veterans Administration (VA) | 155 |
| H20002N | Health plan(s) covered: TRICARE Plus | 152 |
| H20002O | Health plan(s) covered: TRICARE For Life | 153 |
| H20002P | Health plan(s) covered: TRICARE Supplemental Insurance | 153 |
| H20002Q | Health plan(s) covered: TRICARE Reserve Select | 153 |
| H20002R | Health plan(s) covered: other Non-US government health insurance | 155 |
| H20002S | Health plan(s) covered: TRICARE Retired Reserve | 153 |
| H20002T | Health plan(s) covered: TRICARE Young Adult Prime | 153 |
| H20002U | Health plan(s) covered: Continued Health Care Benefit Program (CHCBP) | 154 |
| H20002V | Health plan(s) covered: TRICARE Young Adult Extra or Standard | 153 |
| H20003 | Which health plan did you use most in the past 12 months? | 155 |
| H20004 | Months or years in a row with health plan | 156 |
| H20005 | In last year: facility used most for health care | 156 |
| H20006 | In last year: have illness/injury/condition that needed care right away | 157 |
| H20007 | In last year: how often got care as soon as you needed it | 157 |
| H20008 | In last year: wait between trying to get care and actually seeing a provider for an illness or injury | 157 |
| H20009 | In last year: made appointments for non-urgent health care | 157 |
| H20010 | In last year: how often got appointments for non-urgent health care as soon as you needed | 158 |
| H20012 | In last year: times went to an emergency room for yourself | 158 |
| H20013 | In last year: times went to doctor's office or clinic for self (not counting times went to an ER) | 159 |
| H20014 | In last year: how often talk to doctor or other health care provider about illness prevention | 159 |
| H20015 | In last year: doctor or other health care provider talked about more than 1 choice for treatment | 159 |

| Variable | Label | Page |
|----------|---|------|
| H20016 | In last year: doctor talked about pros/cons of each treatment/health care choice | 159 |
| H20018 | Rating of all health care in last year | 160 |
| H20019 | Have one person you think of as your personal doctor | 161 |
| H20020 | In last year: number of times visited personal doctor for care for self | 161 |
| H20021 | In last year: how often personal doctor listened carefully to you | 161 |
| H20022 | In last year: how often personal doctor explained things in a way that was easy to understand | 161 |
| H20023 | In last year: how often your personal doctor showed respect for what you have to say | 162 |
| H20024 | In last year: how often your personal doctor spent enough time with you | 162 |
| H20025 | In last year: got care from doctor or other health provider other than personal doctor | 162 |
| H20027 | Rating of your personal doctor | 163 |
| H20028 | In last year: tried to make appointment to see a specialist | 163 |
| H20029 | In last year: how often did you get an appointment with specialist as soon as needed | 163 |
| H20030 | In last year: how many specialists seen | 164 |
| H20031 | Rating of specialist seen most often in last year | 164 |
| H20033 | In last year: how often easy to get care, tests, or treatment you needed | 160 |
| H20034 | In last year: looked for information in written material or on the Internet about how health plan works | 164 |
| H20036 | In last year: looked for information from health plan on cost of health care service or equipment | 165 |
| H20037 | In last year: how often able to find out from health plan cost of health care service or equipment | 165 |
| H20038 | In last year: looked for information from health plan on cost of prescription medications | 165 |
| H20039 | In last year: how often able to find out cost of prescription medications | 166 |
| H20040 | In last year: tried to get information or help from health plan's customer service | 166 |
| H20041 | In last year: how often did customer service give needed information or help | 166 |
| H20042 | In last year: how often did customer service treat with courtesy and respect | 166 |
| H20043 | In last year: health plan gave forms to fill out | 167 |
| H20044 | In last year: how often forms from health plan were easy to fill out | 167 |
| H20045 | In last year: sent in any claims to your health plan | 167 |
| H20046 | In last year: how often health plan handled claims quickly | 167 |
| H20047 | In last year: how often health plan handled claims correctly | 168 |
| H20048 | Rating of all experience with health plan | 168 |
| H20049 | Blood pressure: when last reading | 168 |
| H20050 | Blood pressure: know if blood pressure is too high or not | 168 |
| H20051 | When did you last have a flu shot | 169 |
| H20052 | Smoked at least 100 cigarettes in life | 169 |
| H20053 | Smoke or use tobacco every day, some days, or not at all | 169 |
| H20054 | Last year: how often advised by doctor to quit smoking or using tobacco | 169 |
| H20057A | Do you smoke or use: cigarettes | 170 |
| H20057B | Do you smoke or use: dip, chewing tobacco, snuff, or snus | 170 |
| H20057C | Do you smoke or use: cigars | 171 |
| H20057D | Do you smoke or use: pipes, bidis, or kreteks | 171 |
| H20058 | Are you male or female | 171 |
| H20059B | Female: last have a Pap smear test | 171 |
| H20060 | Female: are you under age 40 | 172 |
| H20061 | Female: last time breasts checked by mammography | 172 |
| H20062 | Female: been pregnant in last year or pregnant now | 172 |
| H20063 | Female: in what trimester is your pregnancy | 172 |
| H20064 | Female: trimester first received prenatal care | 173 |
| H20065 | In general how would you rate your overall health | 173 |
| H20073 | Are you Spanish, Hispanic, or Latino | 173 |
| H20073A | No, not Spanish, Hispanic, or Latino | 174 |
| H20073B | Yes, Mexican, Mexican American, Chicano | 174 |
| H20073C | Yes, Puerto Rican | 174 |

| Variable | Label | Page |
|----------|--|------|
| H20073D | Yes, Cuban or other Spanish, Hispanic, or Latino | 174 |
| HP_BP | Blood pressure check in last 2 years and know results | 201 |
| HP_CESH3 | Had smoking cessation counseling - HEDIS (modified) | 202 |
| HP_FLU | Age 65 and older: flu shot in last 12 months | 202 |
| HP_MAM50 | Women age 50 and over: mammography in past 2 years | 201 |
| HP_MAMOG | Women age 40 and over: mammography in past 2 years | 201 |
| HP_OBESE | Obese or morbidly obese | 202 |
| HP_PAP | All women: pap smear in last 3 years | 201 |
| HP_PRNTL | Pregnant in last year received care in 1st trimester | 201 |
| HP_SMKH3 | Smoker under HEDIS definition (modified) | 202 |
| HP_SMOKE | Advised to quit smoking in last 12 months | 202 |
| KCIVINS | Beneficiary covered by civilian insurance | 200 |
| KCIVOPQY | Outpatient visits-use Civilian facility most | 200 |
| KEYCOUNT | Number of key questions answered | 184 |
| KMILOPQY | Outpatient visits-use Military facility most | 200 |
| MISS_1 | Count of original survey responses (pre-cleaning): violates skip pattern | 192 |
| MISS_4 | Count of original survey responses (pre-cleaning): incomplete grid error | 192 |
| MISS_5 | Count of original survey responses (pre-cleaning): scalable response of don't know | 192 |
| MISS_6 | Count of original survey responses (pre-cleaning): not applicable - valid skip | 192 |
| MISS_7 | Count of original survey responses (pre-cleaning): out-of-range error | 193 |
| MISS_9 | Count of original survey responses (pre-cleaning): no response - invalid skip | 193 |
| MISS_TOT | Total number of missing responses (pre-cleaning) | 194 |
| MPCSMPL | Military personnel category | 148 |
| MPRID | Unique MPR identifier | 141 |
| N1 | Coding Scheme Note 1 | 185 |
| N10 | Coding Scheme Note 10 | 187 |
| N10_B1 | Coding Scheme Note 10_B1 | 187 |
| N12 | Coding Scheme Note 12 | 187 |
| N13 | Coding Scheme Note 13 | 188 |
| N14 | Coding Scheme Note 14 | 188 |
| N15 | Coding Scheme Note 15 | 188 |
| N16 | Coding Scheme Note 16 | 188 |
| N17 | Coding Scheme Note 17 | 189 |
| N18 | Coding Scheme Note 18 | 189 |
| N19A | Coding Scheme Note 19A | 189 |
| N19B | Coding Scheme Note 19B | 189 |
| N2 | Coding Scheme Note 2 | 185 |
| N20 | Coding Scheme Note 20 | 190 |
| N21 | Coding Scheme Note 21 | 190 |
| N21_BG1 | Coding Scheme Note 21_BG1 | 190 |
| N21_BG2 | Coding Scheme Note 21_BG2 | 190 |
| N21_BG3 | Coding Scheme Note 21_BG3 | 190 |
| N23_HT | Coding Scheme Note 23_HT | 191 |
| N23_WT | Coding Scheme Note 23_WT | 191 |
| N24 | Coding Scheme Note 24 | 191 |
| N24_BJ1 | Coding Scheme Note 24_BJ1 | 191 |
| N24_BJ2 | Coding Scheme Note 24_BJ2 | 191 |
| N3 | Coding Scheme Note 3 | 185 |
| N4 | Coding Scheme Note 4 | 185 |
| N5 | Coding Scheme Note 5 | 186 |
| N6 | Coding Scheme Note 6 | 186 |
| N7 | Coding Scheme Note 7 | 186 |
| N8 | Coding Scheme Note 8 | 186 |
| N8_01 | Coding Scheme Note 8_01 | 187 |
| N9 | Coding Scheme Note 9 | 187 |
| NHFF | Stratum sample size | 148 |

| Variable | Label | Page |
|----------|---|------|
| ONTIME | Responded within 8 weeks of mail-out | 183 |
| OUTCATCH | Out of catchment area indicator | 199 |
| PATCAT | Aggregated beneficiary category | 151 |
| PCM | Primary manager code (civilian or military) | 150 |
| PNSEXCD | Person gender | 149 |
| PNTYPECD | Person type code | 151 |
| POSTCELL | Poststratification cell for new weights | 203 |
| QUARTER | Survey quarter | 148 |
| RACEETHN | Race/Ethnic code | 149 |
| RDAGEQY | Age at time of sample preparation-Capped (18 and below, 65 and above) | 150 |
| RFLDAGE | Age at start of fielding period-Capped (18 and below, 65 and above) | 150 |
| S20009 | Had the same personal doctor before joining this health plan | 175 |
| S20011 | Agree/disagree: Able to see provider when needed | 176 |
| S20014 | How satisfied with health care during last visit | 176 |
| S20B01 | Self rate of overall mental/emotional health | 176 |
| S20B02 | Last year: needed treatment/counseling-personal prob | 177 |
| S20B03 | Last year: problem getting needed treatment/counseling | 177 |
| S20B04 | Last year: rate of treatment/counseling received | 177 |
| S20BF4 | How often do you use e-cigarettes | 177 |
| S20BG01 | How many days was physical health not good in past 30 days | 178 |
| S20BG02 | How many days was mental health not good in past 30 days | 178 |
| S20BG03 | How many days did poor health stop usual activities in past 30 days | 179 |
| S20BJ01 | Do you have any children under the age of 18 living at home with you? | 180 |
| S20BJ02 | How much of a problem is it for you to make child care arrangements? | 180 |
| S20BJ03 | How concerned are you about your child's/children's education? | 181 |
| S20BJ04 | How concerned are you about: Your health problems? | 181 |
| S20BJ05 | How concerned are you about: The health problems of a family member? | 181 |
| S20BJ06 | How concerned are you about: Managing household expenses? | 181 |
| S20BJ07 | How concerned are you about: Major financial hardship or bankruptcy in your family? | 181 |
| S20BJ08 | How concerned are you about: The demands of your job? | 182 |
| S20BJ09 | How concerned are you about: The demands of going to school? | 182 |
| S20BJ10 | Are you married? | 182 |
| S20BJ11 | How concerned are you about: Poor communication with your spouse? | 182 |
| S20BJ12 | How concerned are you about: Arguments with your spouse? | 183 |
| S20BJ13 | How concerned are you about: Marital problems between you and your spouse? | 183 |
| S20BJ14 | Has your spouse been on deployment during the past 30 days? | 183 |
| SEXSMPL | Sex sampling variable | 141 |
| SRAGE | What is your age now? | 175 |
| SREDA | Highest grade completed | 173 |
| SRRACEA | Race: White | 174 |
| SRRACEB | Race: Black or African American | 174 |
| SRRACEC | Race: American Indian or Alaska Native or Native Hawaiian/other Pacific Islander | 175 |
| SRRACED | Race: Asian | 175 |
| STRATUM | Sampling stratum | 141 |
| SURVTYPE | Web or Mail Survey | 184 |
| SVCSMPL | Branch of service sampling variable | 141 |
| TNEXREG | TRICARE next generation of contracts region grouping | 149 |
| USA | CONUS/OCONUS indicator | 198 |
| WEB | Web survey indicator | 184 |
| XBENCAT | Beneficiary category | 196 |
| XBMICAT | Body mass index category | 199 |
| XBNFGRP | Constructed beneficiary group | 199 |
| XENR_PCM | Enrollment by PCM type | 195 |
| XENR_RSV | Enrollment by PCM type - reservist | 197 |
| XENRLLMT | Enrollment in TRICARE prime | 195 |
| XINS_COV | Insurance coverage | 196 |

| Variable | Label | Page |
|----------|--|------|
| XINS_RSV | Insurance coverage - reservist | 197 |
| XOCONUS | Overseas Europe/Pacific/Latin indicator | 198 |
| XREGION | Region | 198 |
| XSERVAFF | Service affiliation | 200 |
| XSEX | Male or female (recode) | 199 |
| XTNEXRG2 | Revised TNEX Region - Definitions changed as of FY2019 | 198 |

Chapter

1

Introduction

This Codebook and Users' Guide provides a tool for programmers and analysts to assist them in creating cross-tabulations and basic statistical estimates from the Quarter II, 2020 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 II, 2020 dataset for fiscal year 2020. Throughout, 2020 Quarter II dataset refers to the fiscal year 2020.

This version of the Codebook and User's Guide describes the Quarter II data set. It contains frequency counts of all variables in the second quarter of fiscal year 2020.

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

HOW TO USE THIS GUIDE

Chapter 2 describes the survey fielding process.

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

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

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

- Sampling variables used to place beneficiaries in the appropriate strata

- Information from the Defense Enrollment Eligibility Reporting System (DEERS) at the time of sampling
- Questionnaire responses: cleaned and recoded
- Variables created during the fielding of the survey
- Coding Scheme flags and missing value counts
- Constructed variables for analysis
- Poststratification variables
- Weights

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

Users interested in learning more about the technical aspects of the database creation, construction of new variables, or Mathematica's report production procedures may refer to "The 2020 Health Care Survey of DoD Beneficiaries: Adult Technical Manual," available in late 2020 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 2020 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 through 2012, as well as 3 quarters of 2013 through 2019. 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 2020 questions and the questions from the 2012, 2013, 2014, 2015, 2016, 2017, 2018, and 2019 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 2020, 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.
- **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 II Supplements

- **About You.** Questions in this supplement ask the respondent whether they have children and if so, if the respondent has concerns about their child/children's education and if they have issues with arranging child care. In addition, there are questions asking about the respondent's level of concern about personal and family health problems, finances, and job and school demands. In

addition, married respondents are asked about concerns such as communication and arguments with their spouse. Finally, respondents are asked if they are the spouse of a service member who has been deployed during the past 30 days.

- **Poor Physical and Mental Health.** Questions in this supplement ask how many days the respondent was in poor physical and mental health, and how many days that poor health limited the respondent's regular activities.
- **Personal Doctor.** Questions in this supplement ask about the respondent's personal doctor. Respondents are asked whether they had the same personal doctor prior to joining their current health plan and whether they were happy with their personal doctor once they joined the health plan, the availability of their doctor, and their satisfaction with their health care on their last visit.
- **Mental or Emotional Health.** Questions in this supplement concern overall mental or emotional health. Respondents are asked to rate their mental or emotional health. They are also asked questions about any mental or emotional health treatment or counseling they may have received.
- **Electronic Cigarettes.** The question in this supplement asks whether the respondent uses electronic cigarettes every day, some days, or not at all.

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 II, 2020 Adult HCSDb. Specific information on the sample design can be found in "Health Care Survey of DoD Beneficiaries: 2020 Adult Sampling Report", Mathematica Policy Research, Washington, D.C.

From a sample of 100,504 beneficiaries, 8,541 adult MHS beneficiaries completed and returned a 2020 Adult HCSDb questionnaire for the second quarter, yielding a response rate of 8.5 percent. Information on developing response rates will be found in the "2020 Health Care Survey of DoD Beneficiaries: Adult Technical Manual".

Other Documents on the 2020 HCSDb

This document is intended for programmers and analysts using the Quarter II, 2020 Adult HCSDb data. The following is a list of other documents that may be requested from the Defense Health Agency Office:

- 2020 Health Care Survey of DoD Beneficiaries: Adult Technical Manual (Available late 2020)

- 2020 Health Care Survey of DoD Beneficiaries: TRICARE Annual Report (Available late 2020)

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

Chapter

2

Survey of Adults

This chapter presents information on the survey administration cycle for the Quarter II, 2020 Adult Health Care Survey of DoD Beneficiaries (HCSDB), with specific details on the survey mailing cycle and the number of surveys returned.

A. SURVEY OPERATIONS ACTIVITIES

The Health Care Survey of DoD Beneficiaries (HCSDB) converted from a mail survey with Internet option in previous years to an all-Internet survey in FY2014. Beginning in Quarter III of FY2015, a sub-sample of beneficiaries – excluding Active Duty, Guard/Reserve, and some Inactive Guard/Reserve with e-mail addresses – received a paper questionnaire along with the reminder letter in addition to the mail version of the pre-notification letter. In Quarter II, 2020, the sub-sample receiving the paper questionnaire consisted of 37,524 beneficiaries who had not yet responded to the survey one month into the 12 week field period.

Operational support for the Quarter II, 2020 HCSDB involved two mailings to all beneficiaries on December 6, 2019 and January 13, 2020 and ten emailings to Active Duty members from December 10, 2019 to February 18, 2020. Due to contract restrictions, the invitation letters were mailed in December instead of January. Consequently, there was no refresh file this quarter. 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 ten times over the course of the Quarter II 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 II, 2020 sample contained 100,504 records. This quarter the HCSDB invitation letter was mailed/emailed out to 100,252 respondents. The remaining 252 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

Digits 1-3 – Study Marker (402=HCSDB FY20Q2)

Digits 4-10 – Sequential ID #

Digits 11-14 - Wave Marker (5201=invite, 5202=reminder letter only, 5212=reminder with questionnaire)

Digit 15 – Check Digit

Control Number (MIQ) - 10-digit unique identifier

Digits 1-3 – Study Marker (402=HCSDB FY20Q2)

Digits 4-10 – Sequential ID #

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. For FY20Q2 the first digit was 3.

D. ADDRESSES

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

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

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

The origin of the addresses is as follows:

- NCOA Address

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

- Respondent Updates

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

- Address Correction via USPS

The USPS provided address corrections on returned mail if available.

- Sample Refreshes

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

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

Table 2.1
Frequency of Address by Beneficiary Category – Total Sample – Quarter II, 2020

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

| | Active Duty (ACT) | Active Duty Family Member (DA) | Guard/ Reserve (GRD) | Guard/ Reserve Family Member (DGR) | Inactive Guard/ Reserve (IGR) | Inactive Guard/ Reserve Family Member (IDG) | Retiree (RET) | Retiree Family Member (DR) | Survivor (DS) | Other (OTH) | Total |
|---|-------------------------|--|----------------------------|--|--|--|------------------|-------------------------------------|------------------|----------------|-----------------|
| SURVEY INVITATION LETTER | 21999 | 35562 | 2183 | 3747 | 1105 | 4502 | 14319 | 15651 | 1097 | 87 | 100252 |
| NCOA Updated CHCS | 440 0.44% | 520 0.52% | 29 0.03% | 23 0.02% | 1 0.00% | 6 0.01% | 91 0.09% | 93 0.09% | 11 0.01% | 1 0.00% | 1215 1.21% |
| Original CHCS | 10355 10.33% | 10037 10.01% | 815 0.81% | 452 0.45% | 73 0.07% | 56 0.06% | 3775 3.77% | 3911 3.90% | 209 0.21% | 9 0.01% | 29692 29.62% |
| NCOA Updated Residence | 620 0.62% | 2018 2.01% | 73 0.07% | 201 0.20% | 55 0.05% | 345 0.34% | 407 0.41% | 566 0.56% | 67 0.07% | 8 0.01% | 4360 4.35% |
| Original Residence | 10390 10.36% | 22901 22.84% | 1254 1.25% | 3060 3.05% | 973 0.97% | 4087 4.08% | 10046 10.02% | 11063 11.04% | 807 0.80% | 69 0.07% | 64650 64.49% |
| NCOA Updated Sponsor | 0 0.00% | 2 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 0.00% |
| Original Sponsor | 0 0.00% | 84 0.08% | 0 0.00% | 11 0.01% | 0 0.00% | 8 0.01% | 0 0.00% | 18 0.02% | 3 0.00% | 0 0.00% | 124 0.12% |
| Original Unit | 194 0.19% | 0 0.00% | 12 0.01% | 0 0.00% | 3 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 209 0.21% |

Table 2.1 (continued)

Note: The survey invitation reminder letters were mailed to all Beneficiaries who have not completed the survey. Additionally, paper questionnaires were mailed to a sample of Beneficiaries other than Active Duty sponsors, Guard/Reserve sponsors, and some Inactive Guard/Reserve sponsors.

| | Active Duty (ACT) | Active Duty Family Member (DA) | Guard/ Reserve (GRD) | Guard/ Reserve Family Member (DGR) | Inactive Guard/ Reserve (IGR) | Inactive Guard/ Reserve Family Member (IDG) | Retiree (RET) | Retiree Family Member (DR) | Survivor (DS) | Other (OTH) | Total |
|---------------------------|-------------------------|--|----------------------------|--|--|--|------------------|-------------------------------------|------------------|----------------|-----------------|
| REMINDER LETTER | 20057 | 34814 | 1960 | 3662 | 1053 | 4397 | 13256 | 14965 | 1055 | 85 | 95304 |
| Respondent/USPS Update | 287 0.30% | 566 0.59% | 20 0.02% | 35 0.04% | 15 0.02% | 43 0.05% | 86 0.09% | 73 0.08% | 10 0.01% | 2 0.00% | 1137 1.19% |
| Default CHCS | 305 0.32% | 297 0.31% | 46 0.05% | 30 0.03% | 15 0.02% | 18 0.02% | 109 0.11% | 122 0.13% | 10 0.01% | 3 0.00% | 955 1.00% |
| Original CHCS Address | 8709 9.14% | 9455 9.92% | 674 0.71% | 414 0.43% | 60 0.06% | 47 0.05% | 3410 3.58% | 3610 3.79% | 197 0.21% | 5 0.01% | 26581 27.89% |
| Default Residence | 1385 1.45% | 2766 2.90% | 137 0.14% | 265 0.28% | 64 0.07% | 373 0.39% | 612 0.64% | 821 0.86% | 100 0.10% | 13 0.01% | 6536 6.86% |
| Original Residence | 8784 9.22% | 21333 22.38% | 1047 1.10% | 2872 3.01% | 892 0.94% | 3879 4.07% | 9039 9.48% | 10167 10.67% | 711 0.75% | 59 0.06% | 58783 61.68% |
| Default Sponsor | 3 0.00% | 397 0.42% | 0 0.00% | 46 0.05% | 0 0.00% | 37 0.04% | 0 0.00% | 172 0.18% | 27 0.03% | 1 0.00% | 683 0.72% |
| Default Unit | 584 0.61% | 0 0.00% | 36 0.04% | 0 0.00% | 7 0.01% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 2 0.00% | 629 0.66% |

E. SURVEY ADMINISTRATION TIMELINE

Quarter II

| Event | Date |
|-------------------------|--------|
| File Receipt | 21 Nov |
| NCOA Update | 22 Nov |
| Invitation letter | 6 Dec |
| Email 1 reminder to AD | 10 Dec |
| Altarum-DEERS Update | N/A |
| Email 2 reminder to AD | 17 Dec |
| Email 3 reminder to AD | 31 Dec |
| Email 4 reminder to AD | 7 Jan |
| Reminder letter | 13 Jan |
| Email 5 reminder to AD | 14 Jan |
| Email 6 reminder to AD | 21 Jan |
| Email 7 reminder to AD | 28 Jan |
| Email 8 reminder to AD | 4 Feb |
| Email 9 reminder to AD | 11 Feb |
| Email 10 reminder to AD | 18 Feb |
| Close of Field | 28 Feb |
| File to MPR | 13 Mar |

F. DISPOSITION CODES

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

- FLAG_FIN=1
Returned survey – survey was completed and returned.
- FLAG_FIN=2
Returned ineligible – survey was returned with at least one question marked and information that the beneficiary was ineligible. The information indicating ineligibility may have come by mail, phone, fax, or the survey itself.
- FLAG_FIN=3
Returned blank – temporarily ill or incapacitated. Survey was returned blank along with information that the beneficiary was temporarily ill or incapacitated. These sample members were eligible.
- FLAG_FIN=4
Returned blank – deceased. Survey was returned blank along with information that the beneficiary was deceased. These sample members were ineligible.
- FLAG_FIN=5
Returned blank – incarcerated or permanently incapacitated. Survey was returned blank along with information that the beneficiary was incarcerated or permanently hospitalized. These sample members were ineligible.

- FLAG_FIN=6
Returned blank – left military or divorced after date of initial sample pull, or retired. Survey was returned blank along with information that the beneficiary left the military after initial sample pull, divorced after initial sample pull, or retired. These sample members were eligible.
- FLAG_FIN=7
Returned blank – not eligible on date of initial sample pull. Survey was returned blank along with information that the beneficiary was not eligible for Military Health System Plan on initial sample pull. These sample members were ineligible.
- FLAG_FIN=8
Returned blank – other eligible. Survey was returned blank along with a reason given by the sample member. These sample members were eligible.
- FLAG_FIN=9
Returned blank – no reason. Survey was returned blank without an explanation. These sample members were eligible.
- FLAG_FIN=10
No return – temporarily ill or incapacitated. Survey was not returned and beneficiary was temporarily ill or incapacitated. These sample members were eligible.
- FLAG_FIN=11
No return – active refuser. Survey was not returned and beneficiary refused to take part in the survey. These sample members were eligible.
- FLAG_FIN=12
No return – deceased. Survey was not returned and beneficiary deceased. These sample members were ineligible.
- FLAG_FIN=13
No return – incarcerated or permanently incapacitated. Survey was not returned, beneficiary was incarcerated or permanently hospitalized. These sample members were ineligible.
- FLAG_FIN=14
No return – left military or divorced after date of initial sample pull, or retired. Survey was not returned, beneficiary left service after initial sample pull, divorced after initial sample pull, or retired. These sample members were eligible.
- FLAG_FIN=15
No return – not eligible on date of initial sample pull. Survey was not returned, and beneficiary was not eligible for Military Health System Plan on initial sample pull. These sample members were ineligible.

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

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

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

- FLAG_FIN=17
No return – no reason. Survey was not returned, and beneficiary gave no reason. These sample members had unknown eligibility.
- FLAG_FIN=18
Postal Non Deliverable (PND) – no address remaining. All addresses were attempted, mailing was returned PND. These sample members had unknown eligibility.
- FLAG_FIN=19
PND – address remaining at the close of field. At the close of field, the last address used was found invalid, next available was not attempted. These sample members had unknown eligibility.
- FLAG_FIN=20
Original Non-Locatable – no address at start of mailing. Substantially incomplete or blank address field before the survey was administered, and no mailings attempted. These sample members had unknown eligibility.
- FLAG_FIN=21
Beneficiary provides written documentation declining to participate but doesn't specify a reason. These sample members were eligible.
- FLAG_FIN=22
Beneficiary indicates they are hospitalized but without providing any way to determine whether incapacity is temporary or permanent. Therefore, eligibility determination can not be made. These sample members had unknown eligibility.
- FLAG_FIN=23
Returned blank – deployed. Survey was returned blank along with information that the beneficiary was deployed. These sample members were eligible.
- FLAG_FIN=24
No return – deployed. Survey was not returned, and beneficiary was deployed. These sample members were eligible.
- FLAG_FIN=25
Deceased. Beneficiary coded as deceased due to refresh sample sent by Altarum. These sample members were ineligible.
- FLAG_FIN=26
No match. Not eligible indicated by Altarum-DEERS update. Beneficiary coded as no longer having TRICARE coverage due to sample refresh.

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

Table 2.2

Frequency of Disposition by Beneficiary Category – Total Sample – Quarter II, 2020

| | Active Duty (ACT) | Active Duty Family Member (DA) | Guard/ Reserve (GRD) | Guard/ Reserve Family Member (DGR) | Inactive Guard/ Reserve (IGR) | Inactive Guard/ Reserve Family Member (IDG) | Retiree (RET) | Retiree Family Member (DR) | Survivor (DS) | Other (OTH) | Total |
|--|-------------------|--------------------------------|----------------------|------------------------------------|-------------------------------|---|---------------|----------------------------|---------------|-------------|---------------|
| RETURNED | 3028 | 1329 | 387 | 133 | 110 | 205 | 2194 | 1646 | 122 | 2 | 9156 |
| Completed (1) | 3028 3.01% | 1328 1.32% | 387 0.38% | 133 0.13% | 110 0.11% | 205 0.20% | 2194 2.18% | 1646 1.64% | 121 0.12% | 2 0.00% | 9154 9.11% |
| Ineligible (2) | 0 0.00% | 1 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 1 0.00% | 0 0.00% | 2 0.00% |
| Temporarily Ill or Incapacitated (3) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| Deceased (4) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| Incarcerated or Permanently Incapacitated (5) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| Left Military or divorced after initial sample pull, retired (6) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| Not Eligible after initial sample pull (7) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| Other Eligible (8) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| No Reason (9) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| NO RETURN | 18970 | 34237 | 1796 | 3614 | 995 | 4297 | 12131 | 14011 | 977 | 85 | 91113 |
| 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) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 2 0.00% | 4 0.00% | 2 0.00% | 0 0.00% | 8 0.01% |

2.2 (continued)

| | Active Duty (ACT) | Active Duty Family Member (DA) | Guard/ Reserve (GRD) | Guard/ Reserve Family Member (DGR) | Inactive Guard/ Reserve (IGR) | Inactive Guard/ Reserve Family Member (IDG) | Retiree (RET) | Retiree Family Member (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% | 1 0.00% | 1 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% | 0 0.00% | 3 0.00% | 0 0.00% | 0 0.00% | 3 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% | 1 0.00% | 0 0.00% | 0 0.00% | 1 0.00% |
| Not Eligible as of survey start (15) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 1 0.00% | 0 0.00% | 0 0.00% | 1 0.00% |
| Other Eligible (16) | 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 (17) | 18970 18.87% | 34237 34.06% | 1796 1.79% | 3614 3.60% | 995 0.99% | 4297 4.27% | 12129 12.07% | 14001 13.93% | 974 0.97% | 85 0.08% | 91098 90.62% |
| PND | 57 | 12 | 10 | 1 | 1 | 0 | 3 | 1 | 3 | 0 | 88 |
| No Address Remaining (18) | 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% |
| Address Remains at Close of Field (19) | 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 Address at Start of Mailing (20) | 57 0.06% | 12 0.01% | 10 0.01% | 1 0.00% | 1 0.00% | 0 0.00% | 3 0.00% | 1 0.00% | 3 0.00% | 0 0.00% | 88 0.09% |
| MISCELLANEOUS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Written Refusal without Reason (21) | 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% |
| 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) | Active Duty Family Member (DA) | Guard/ Reserve (GRD) | Guard/ Reserve Family Member (DGR) | Inactive Guard/ Reserve (IGR) | Inactive Guard/ Reserve Family Member (IDG) | Retiree (RET) | Retiree Family Member (DR) | Survivor (DS) | Other (OTH) | Total |
|---|-------------------|--------------------------------|----------------------|------------------------------------|-------------------------------|---|---------------|----------------------------|---------------|--------------|---------------|
| DEPLOYED | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Returned Blank (23) | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% |
| No Return (24) | 1 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 1 0.00% |
| SAMPLE REFRESH | 55 | 61 | 2 | 2 | 2 | 15 | 7 | 1 | 4 | 15 | 164 |
| Deceased Indicated by Altarum-DEERS Update (25) | 1 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 0 0.00% | 4 0.00% | 1 0.00% | 0 0.00% | 0 0.00% | 6 0.01% |
| Not Eligible Indicated by Altarum-DEERS Update (26) | 54 0.05% | 61 0.06% | 2 0.00% | 2 0.00% | 2 0.00% | 15 0.01% | 3 0.00% | 0 0.00% | 4 0.00% | 15 0.01% | 158 0.16% |
| TOTALS | 22111 | 35639 | 2195 | 3750 | 1108 | 4517 | 14335 | 15659 | 1106 | 102 | 100522 |
| YIELD RATE | 13.69% | 3.73% | 17.63% | 3.55% | 9.93% | 4.54% | 15.31% | 10.51% | 11.03% | 1.96% | 9.11% |

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

Chapter

3

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 2020 Adult HCSDB data file are listed below and summarized in Table 3.1. The naming conventions remain constant across the three quarters of the 2020 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 ("20") 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 ("20"). 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 II 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 2020 HCSDB VARIABLES – QUARTER II

| 1 st Character: Survey Type | 2 nd – 3 rd Characters: Survey Year | 4 th – 6 th Characters: Question # | Additional Characters: Additional Information |
|--|--|--|---|
| <p>H= Health Beneficiaries (18 and older, Adult Questionnaire)</p> <p>-----</p> <p>S = Supplemental Question</p> | 20 | <p>001 to 031, 33-65, 71-73</p> <p>-----</p> <p>Quarter II</p> <p>009-011, 014 – Supplemental questions about visits to the respondent's healthcare provider.</p> <p>BF4 – Supplemental question about electronic cigarettes</p> <p>B01-B04 – Supplemental questions about mental health treatment and counseling</p> <p>BG01-BG03 – Supplemental questions about poor physical and mental health</p> <p>BJ01-BJ14 – Supplemental questions about respondent's personal life</p> | A to V are used to label responses associated with a multiple response question |

| 1 st 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</i> 2020 variable | Descriptive text, e.g., HP_BP (had blood pressure screening in past two years and know the results) |
| R=Constructed restricted use variables | Descriptive text, e.g., RDAGEQY (Age at time of data collection-capped-grouped those 18 and below, 65 and above) |
| K=Constructed dependent variables | Descriptive text, e.g., KCIVINS (beneficiary covered by civilian insurance) |
| 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 II 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 ensure 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 II, 2020 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: H20003, H20005, H20006, H20009, H20013, H20018, H20019, H20027, H20028, H20031, H20033, H20040, H20043, H20048, H20051, H20052, H20065, H20073, SREDA, and the race indicator variables (SRRACEA-SRRACEE).

Weighting Procedures

The analysis of survey data from complex sample designs, such as the 2020 Adult HCSDb, requires weights to do the following:

- Compensate for variable probabilities of selection
- Adjust for differential response rates
- Improve the precision of the survey-based estimates through post-stratification [for details, see Brick and Kalton (1996) and references cited therein].

Basic sampling weights are equivalent to the reciprocal of the probability of each respondent’s selection into the sample. These basic sampling weights are further adjusted for nonresponse within the classes formed based on the percentiles of the propensity scores from the propensity model.

Finally, we poststratified the nonresponse adjusted weights to the frame totals to obtain specific domain weighted totals equal to the population totals. Chapter 5 contains the weighted and unweighted frequencies for each variable in Quarter II. For further details on the 2020 weighting, see “2020 Health Care Survey of DoD Beneficiaries: Technical Manual”.

Chapter

4

Programming Guide

This chapter is designed to help users create tables and variance estimates. Procedures for using SAS, SPSS, and SUDAAN to create estimates are explained. Examples provided in the text are based on the Quarter II, 2020 HCSDb dataset.

HOW TO MAKE A TABLE USING SAS

The Quarter II, 2020 Adult HCSDb dataset is provided in a Statistical Analysis System (SAS) 9 format. SAS is a computer software system used for data management, summarization, and analysis. A format library for the adult database is included along with the dataset. SAS can be run interactively or non-interactively (in batch mode), and the sample programs presented here can be run using either method. Special instructions are given later in the chapter for working interactively with the SAS Display Manager System in a Windows environment. All SAS programs generate a LOG and a LST file. The LOG file shows how SAS interprets your program and flags SAS syntax errors. The LST file shows the requested output.

File References, Libraries, and Options

SAS recognizes two types of datasets -- permanent and temporary. Permanent datasets, such as the HCSDb, are located through a LIBNAME that references the directory where the data is stored. For example, if the Quarter II, 2020 adult dataset is located on a CD-ROM in the subdirectory HCSDb20\FORMA\Q2, your LIBNAME statement must look like this:

```
LIBNAME INFORM 'F:\HCSDb20\FORMA\Q2';
```

The adult dataset can then be referred to as INFORM.HCSDb20, where INFORM is the location of the file HCSDb20.

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:\HCSDb20\FORMA\Q2\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 XSEX = 1 AND XBNFGRP = 1 THEN XSEX_AD = 1;  
* Active Duty females;  
ELSE IF XSEX = 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 H20050 H20052;
```

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

```
/* Keep only TNEX region 1 observations */  
IF XTNEXRG2 = 1;
```

- 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:\HCSDB20\FORMA\Q2';  
DATA SVC_1;  
/* Input file is HCSDB20 */  
SET INFORM.HCSDB20;  
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:\HCSDB20\FORMA\Q2';  
LIBNAME OUT 'C:\HCSDB20\FORMA\Q2';  
DATA OUT.SVC_2;  
SET INFORM.HCSDB20;  
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 XTNEXR2, XSEX, 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 HCSD for Quarter II, 2020, 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:

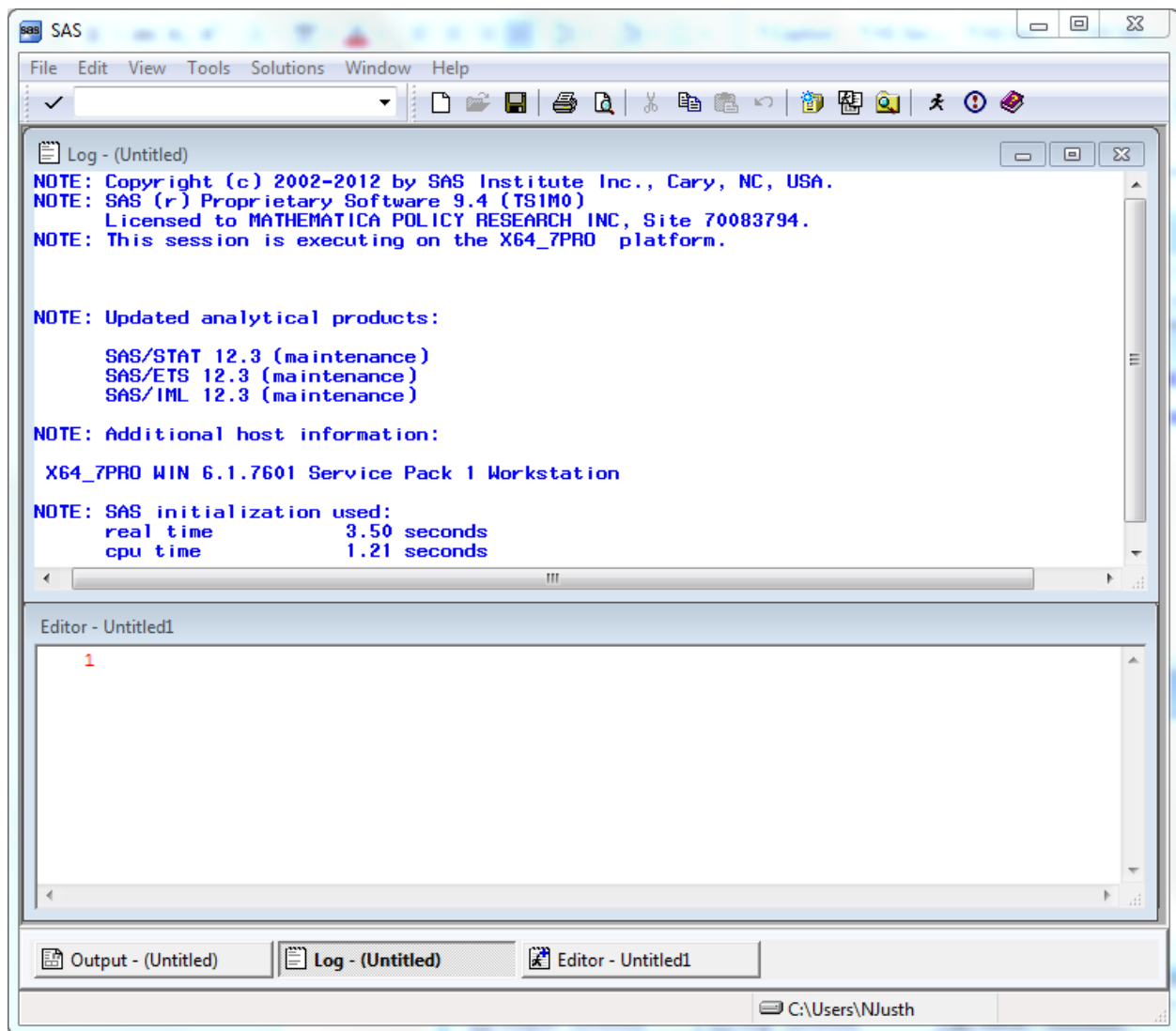
- Analysis variables

- 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, `XTNEXRG2='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 `H20018*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 `H20018 H20048`.
- 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.

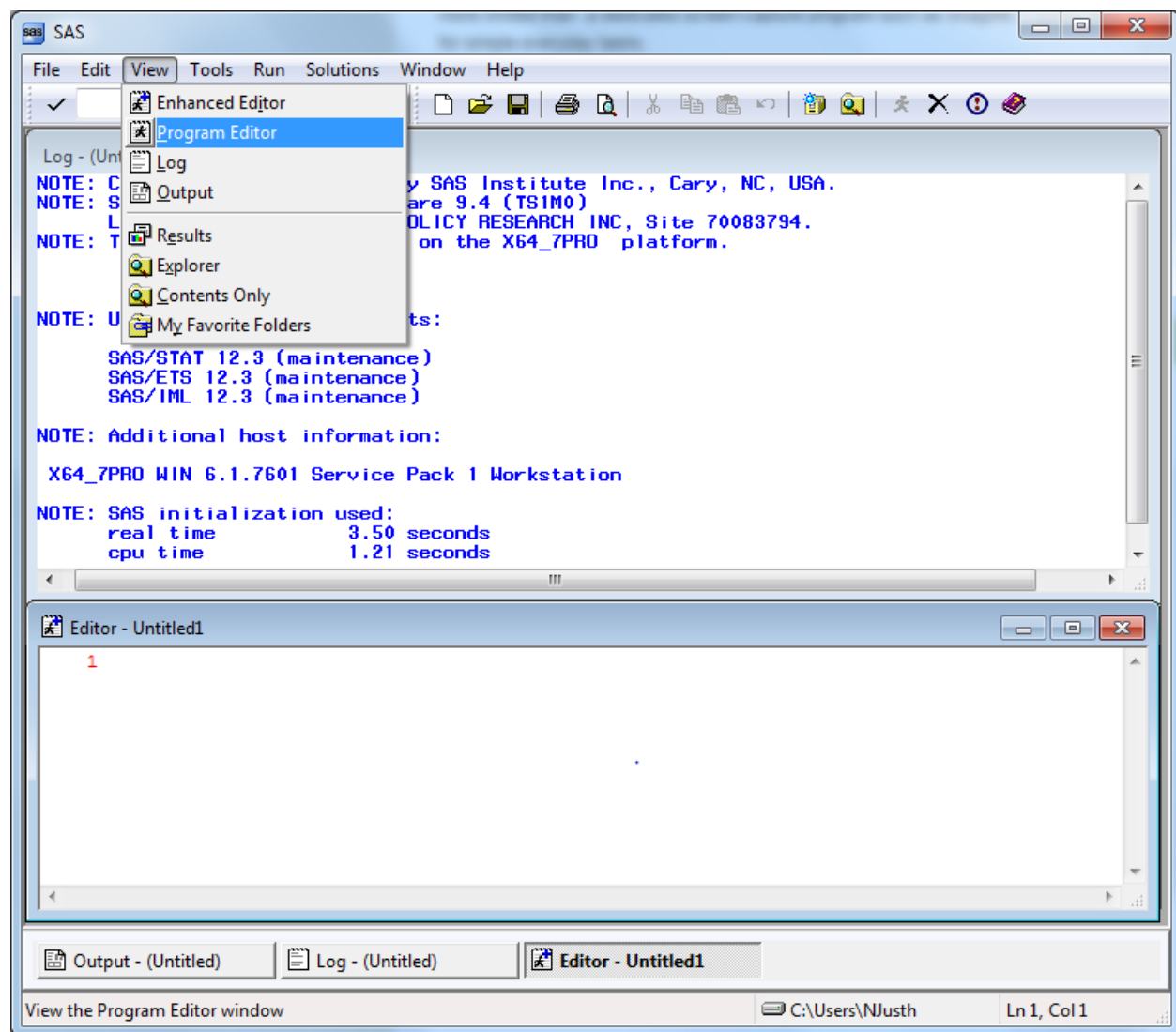


The screen is divided into two windows, a Log window above and an Editor window below.

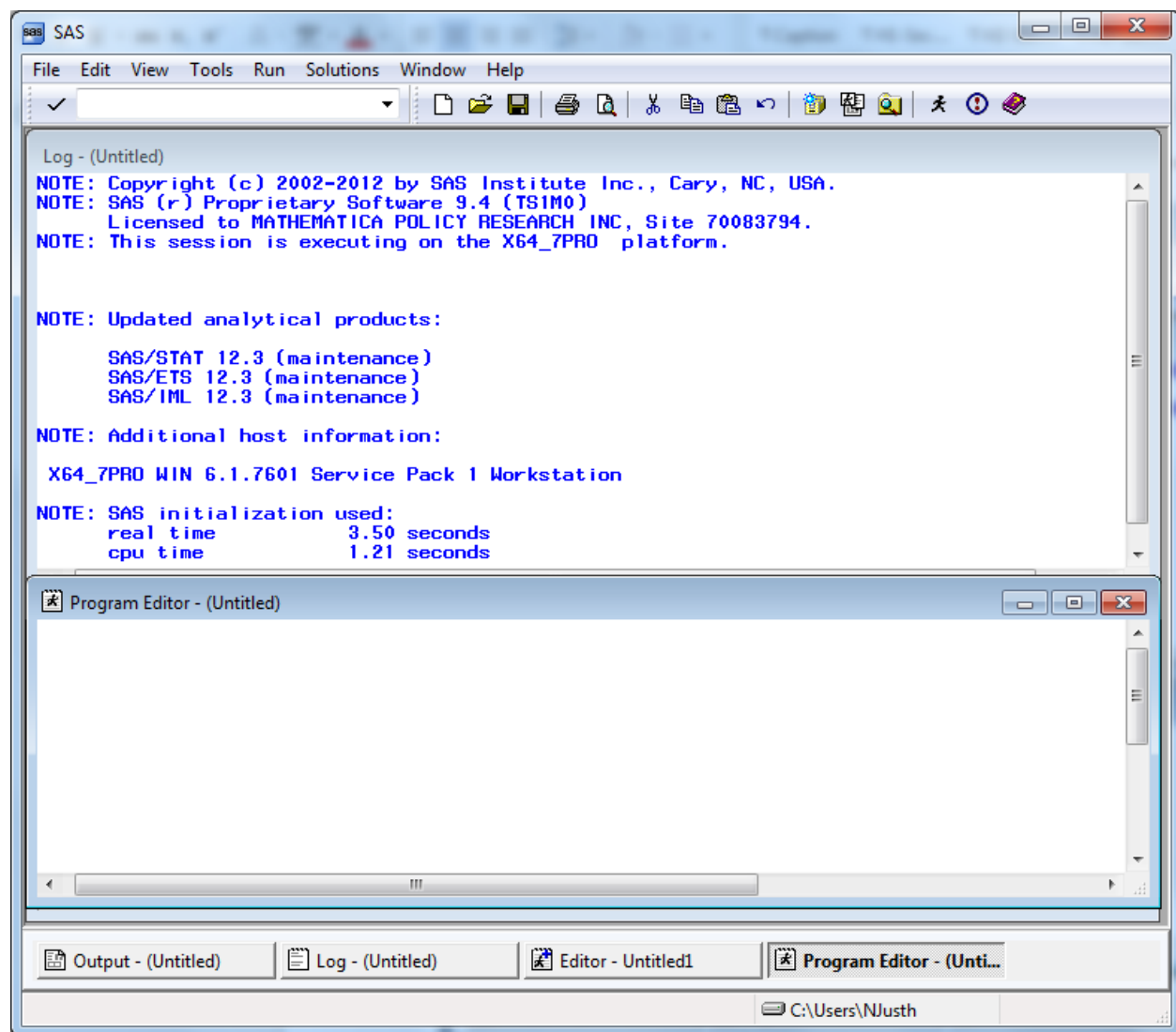
The Window Bar at the bottom of the screen includes tabs for the Log and Editor windows with an additional tab for the Output Window. Clicking on the Output tab will open the Output window. The instructions in this document will outline options for setting up the Editor and for displaying the windows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

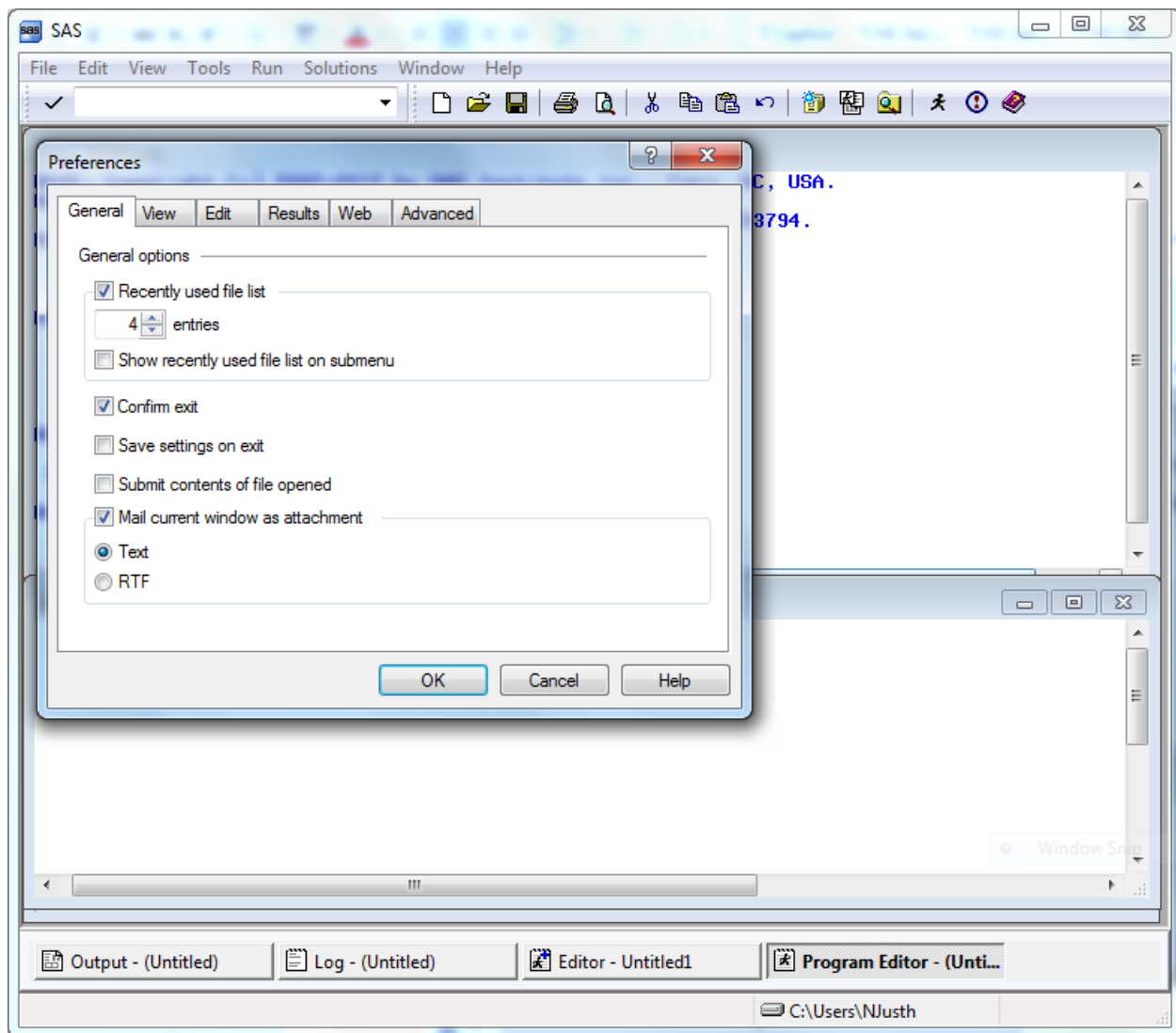
Click on View and select Program Editor as in the following:



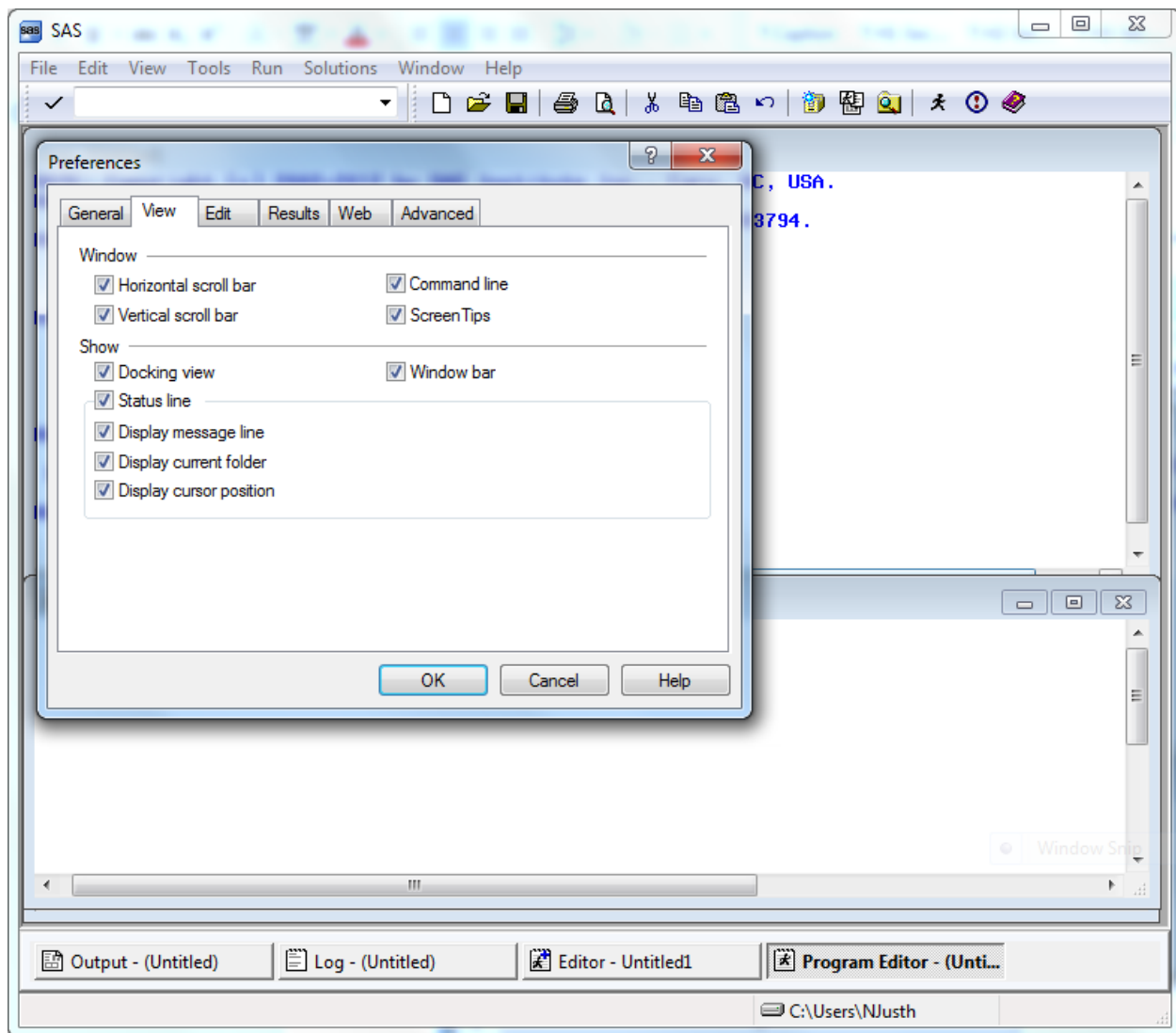
The lower Editor Window has now changed to Program Editor as in the following screen:



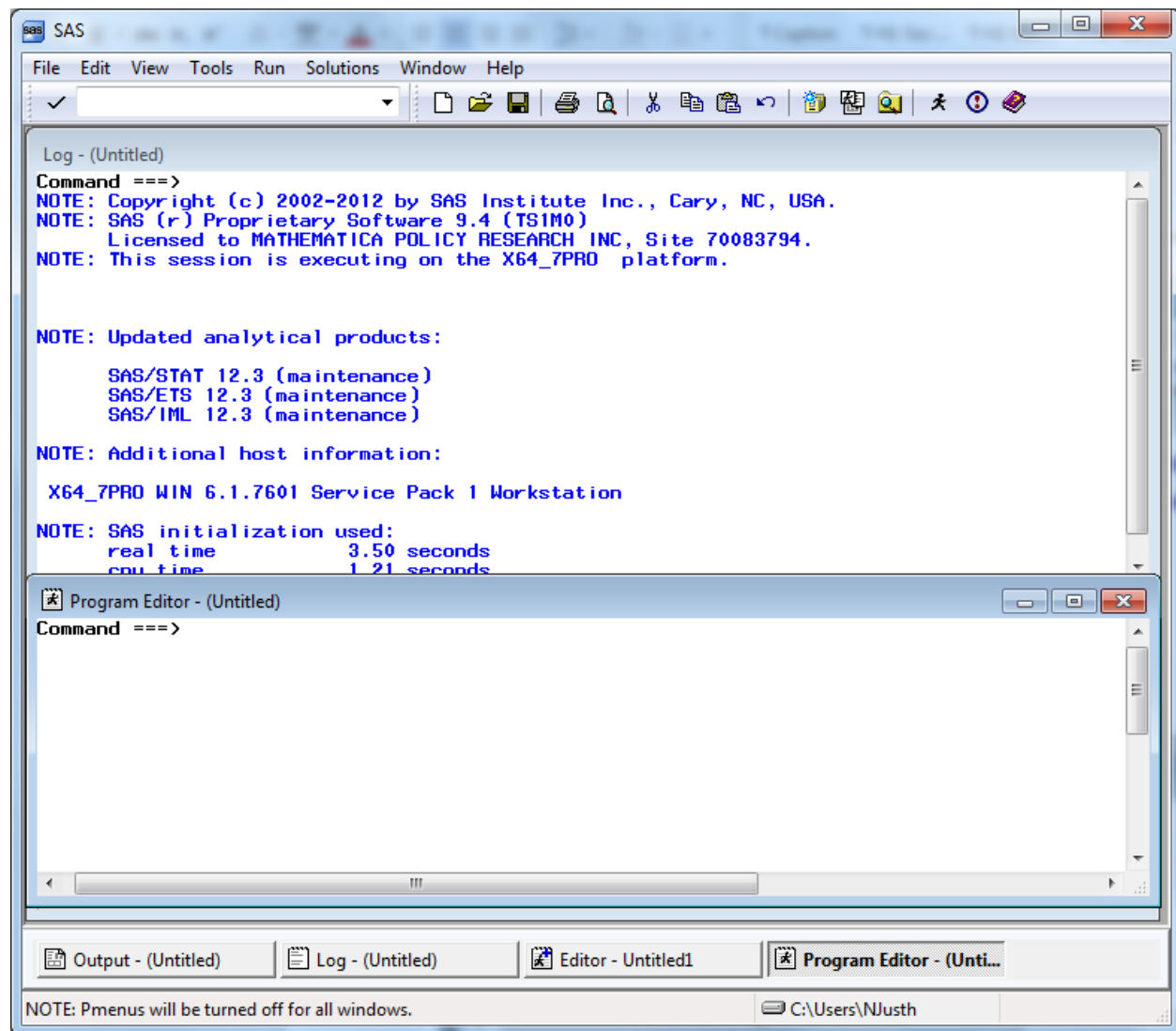
Open the Tools menu and choose Options and Preferences.



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:



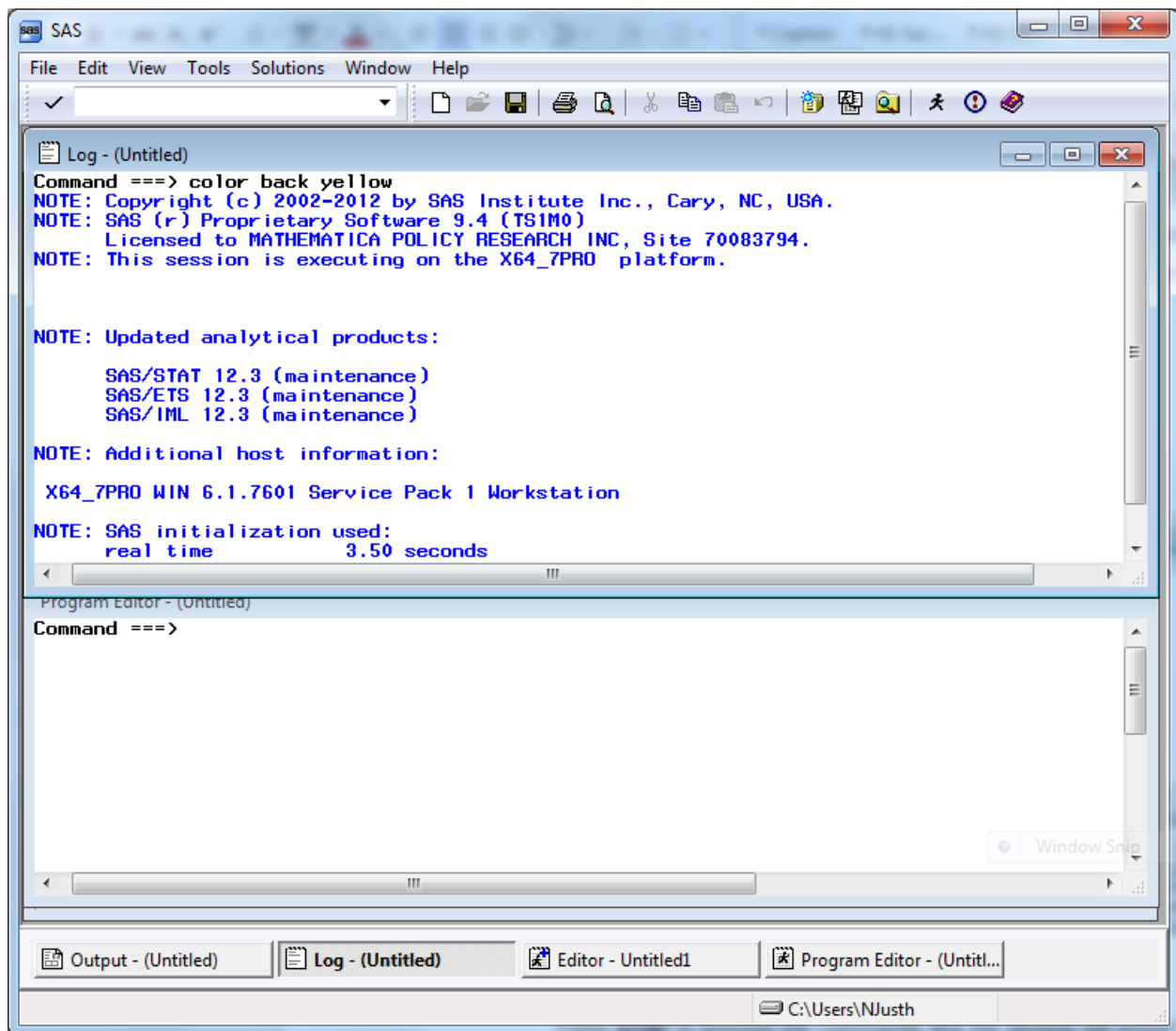
Click on OK and a commandline will be added as in the screen below.



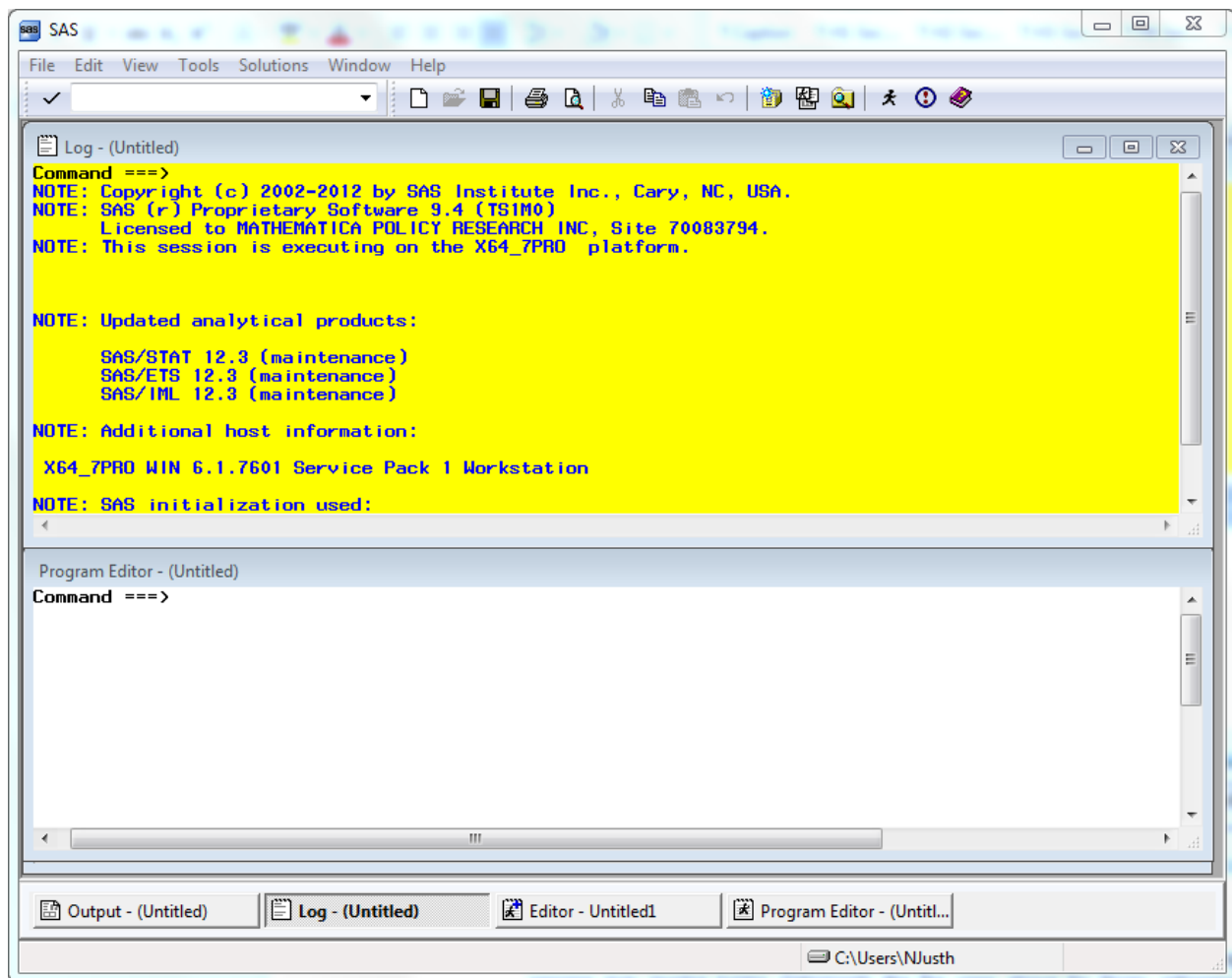
Each window shows the word **Command** followed by an arrow. Commands may be typed at this location. To arrive at the command line, depress the **Home** button on your keyboard. The cursor will appear opposite the arrow.

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.

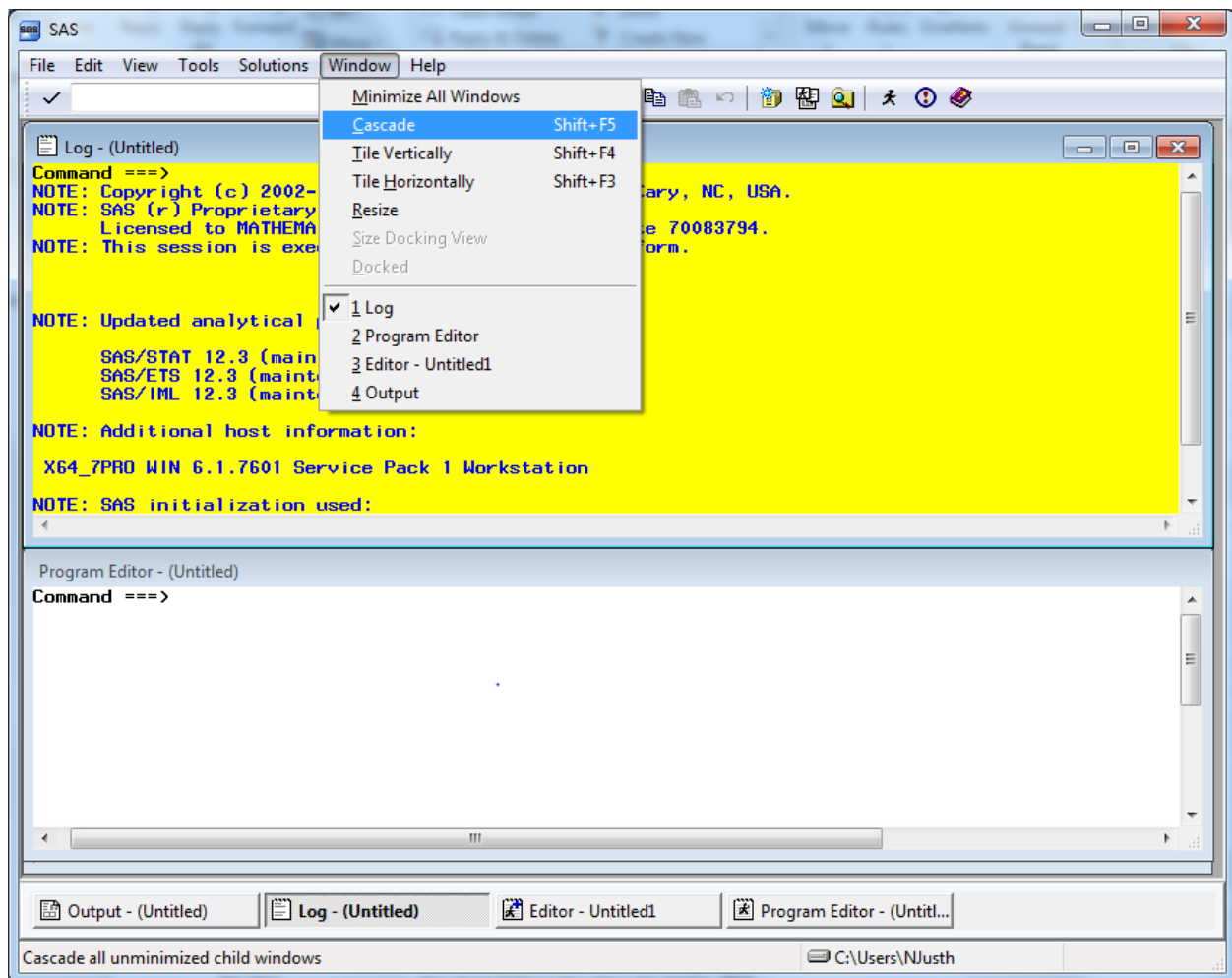


Press **Enter** to process the commands and the window will shade to yellow. Toggle to the Output window by typing **Out** and keying **Enter**. Type **color back gray** and key **Enter**. Return to the Program Editor and the screen will look like the following.

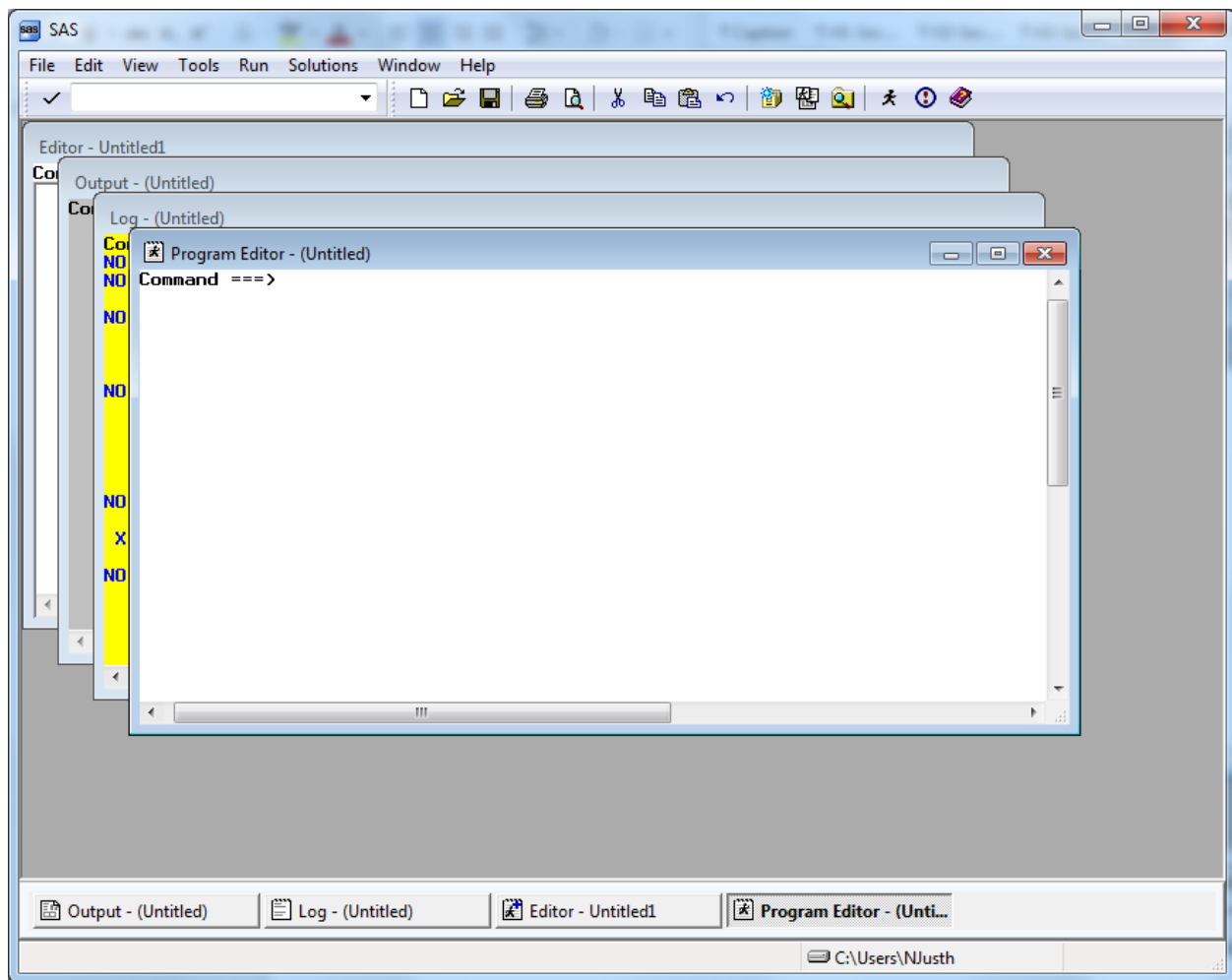


All SAS statements for building and processing SAS datasets are typed into the Program editor. A SAS session may involve typing statements like the ones above for library reference, computing new variables, data steps, etc. Entering a long series of statements in such a small space may be awkward, so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

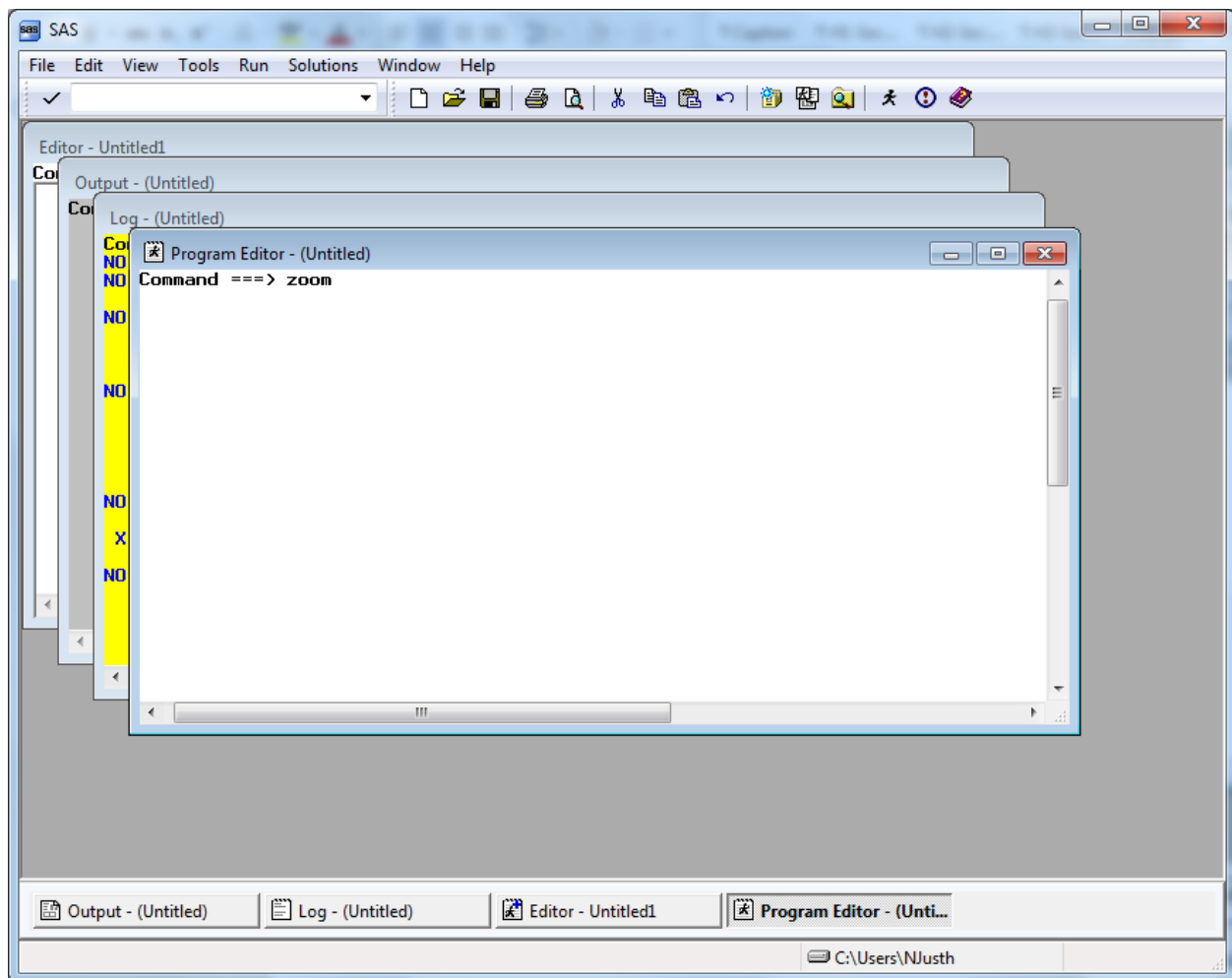
Cascading the windows is one option. To cascade the windows, open the **Window** menu, and choose **Cascade** as indicated in the following.



Clicking the option Cascade produces the following result.

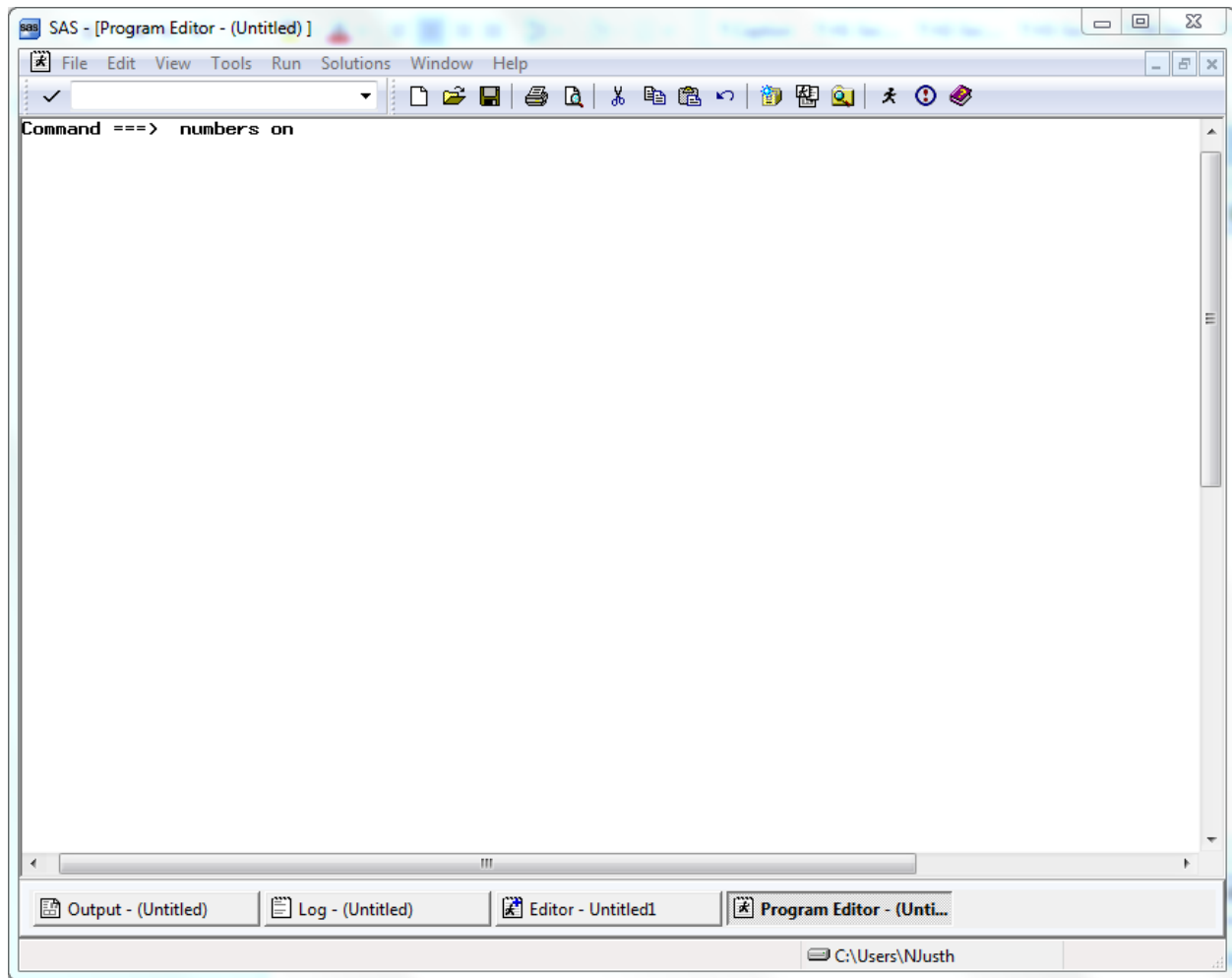


Each window is partly superimposed on the other. The colors distinguish between windows at a glance. With the Program Editor in front, SAS statements may be typed there with relative ease. As a final option, you can enlarge the Program Editor to fill the entire screen. At the command line, type **zoom**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

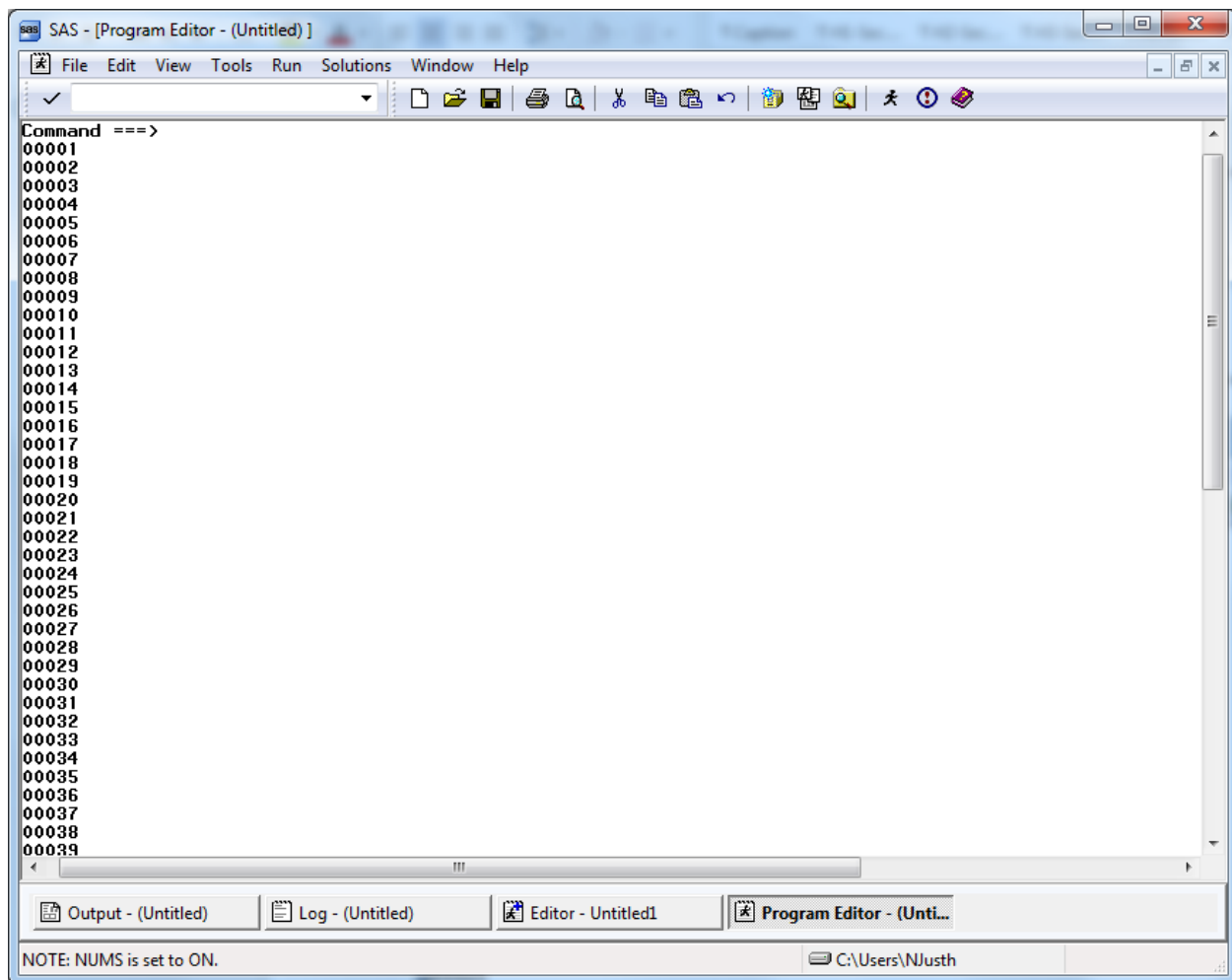


The window changes to fill the screen.

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 health care rating by beneficiary group and gender for respondents in TNEX region 1. 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 (H20018 and H20065) 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 2020';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
PROC TABULATE DATA=IN.HCS202_1;
WHERE XTNEXRG2 = 1; /* limit to TNEX Region 1 */
CLASS XBNFGRP XSEXA;
VAR H20018 H20065;
WEIGHT FWT;
TABLE (H20018 H20065)*MEAN, /* Row Dimension */
      XBNFGRP*(XSEXA ALL) ALL; /* Column Dimension */
TITLE "Table 4.1";
TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 1";
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.

```

SAS - [Program Editor - (Untitled)]
File Edit View Tools Run Solutions Window Help
Command ==> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS202_1;
00005 WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
00006 CLASS XBNFGRP XSEX;
00007 VAR H20018 H20065;
00008 WEIGHT FWT;
00009 TABLE (H20018 H20065)*MEAN, /* Row Dimension */
00010 XBNFGRP*(XSEX ALL) ALL; /* Column Dimension */
00011 TITLE "Table 4.1";
00012 TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 1";
00013 RUN;
00014
00015
00016
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028
Output - (Untitled) Log - (Untitled) Editor - Untitled1 Program Editor - (Unti...
C:\Users\njusth

```

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 ==>
27  OPTIONS PS=79 LS=95;
28  LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
NOTE: Libref IN was successfully assigned as follows:
      Engine:          V9
      Physical Name: C:\FILES\DoD\ADULT 2020
29  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
NOTE: Libref LIBRARY was successfully assigned as follows:
      Engine:          V9
      Physical Name: C:\FILES\DoD\ADULT 2020\FMTLIB

30  PROC TABULATE DATA=IN.HCS202_1;
31  WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
32  CLASS XBNFGRP XSEX;
33  VAR H20018 H20065;
34  WEIGHT FWT;
ERROR: Variable FWT not found.
35  TABLE (H20018 H20065)*MEAN, /* Row Dimension */
36         XBNFGRP*(XSEX ALL) ALL; /* Column Dimension */
37  TITLE "Table 4.1";
38  TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 1";
39  RUN;

NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE TABULATE used (Total process time):
      real time          0.00 seconds
      cpu time           0.01 seconds

Output - (Untitled)  Log - (Untitled)  Editor - Untitled1  Program Editor - (Un titl...
NOTE: Lines have been cleared.
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 1

| | | 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 | | |
| Rating of all health care in 1st yr | Mean | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.26 |
| In gnrl, how would you rate overall hlth | Mean | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.57 |

Output - (Untitled)Log - (Untitled)Editor - Untitled1Program Editor - (Unitt...Results Viewer - SAS ...

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 1

| | | Beneficiary Group | | | | | |
|--|------|--------------------|--------|------|----------------------|--------|--|
| | | Active Duty <65 | | | Family of Active <65 | | |
| | | Male or Female - R | | All | Male or Female - R | | |
| | | Male | Female | | Male | Female | |
| | | | | | | | |
| Rating of all health care in 1st yr | Mean | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | |
| In gnrl, how would you rate overall hlth | Mean | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | |

(Continued)

Table 4.1
Constructed Beneficiary Group by Gender for TNEX Region 1

| | | Beneficiary Group | | | | | |
|--|------|----------------------|--------|------|------|--------------------|--------|
| | | Ret/Surv/Fam <65 | | | | Ret/Surv/Fam 65+ | |
| | | Family of Active <65 | | All | Male | Male or Female - R | |
| | | Male | Female | | | Male | Female |
| | | | | | | | |
| Rating of all health care in 1st yr | Mean | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | |
| In gnrl, how would you rate overall hlth | Mean | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | |

(Continued)

Table 4.1
Constructed Beneficiary Group by Gender for TNEX Region 1

| | | Beneficiary Group | | |
|---|------|-----------------------|------|------|
| | | Ret/Surv/Fam 65+ | | |
| | | Male or Female - R | | |
| | | Female | All | All |
| Rating of all health care in 1st yr | Mean | 8.99 | 9.07 | 8.26 |
| In gnrl, how would you rate ovrall hlth | Mean | 3.57 | 3.61 | 3.57 |

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 2020\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

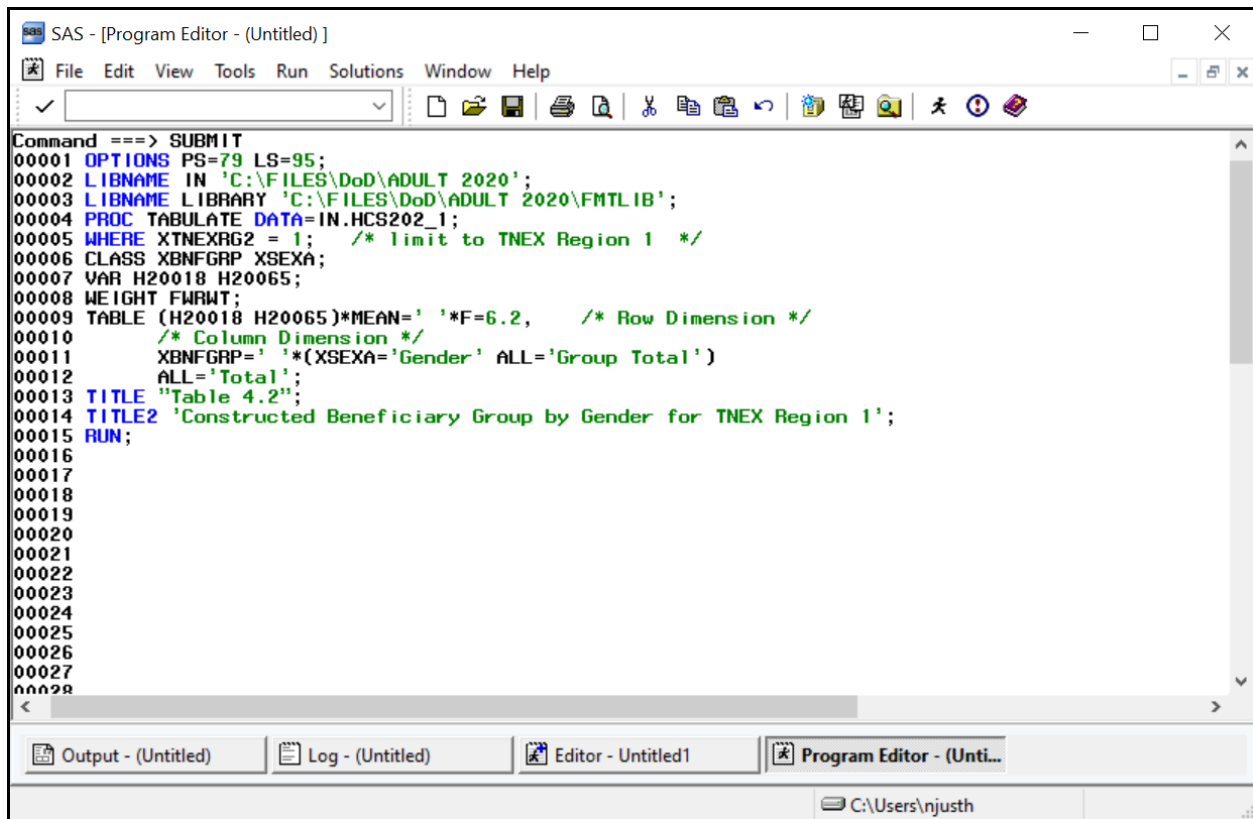
ALL= 'Total' for the TNEX Region 3 total

The new program looks like this:

```
OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
PROC TABULATE DATA=IN.HCS202_1;
WHERE XTNEXRG2 = 1; /* limit to TNEX Region 1 */
CLASS XBNFGRP XSEXA;
VAR H20018 H20065;
WEIGHT FWRWT;
TABLE (H20018 H20065)*MEAN= ' *F=6.2, /* Row Dimension */
      /* Column Dimension */
      XBNFGRP= ' *(XSEXA= 'Gender' ALL= 'Group Total')
      ALL= 'Total';

TITLE "Table 4.2";
TITLE2 'Constructed Beneficiary Group by Gender for TNEX Region 1';
RUN;
```

Typing these statements into the Program Window produces the following screen.



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 2020';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS202_1;
00005 WHERE XTNECRG2 = 1; /* limit to TNEC Region 1 */
00006 CLASS XBNFGRP XSEX;
00007 VAR H20018 H20065;
00008 WEIGHT FWRMT;
00009 TABLE (H20018 H20065)*MEAN=' '*F=6.2, /* Row Dimension */
00010 /* Column Dimension */
00011 XBNFGRP=' *(XSEX='Gender' ALL='Group Total')
00012 ALL='Total';
00013 TITLE "Table 4.2";
00014 TITLE2 'Constructed Beneficiary Group by Gender for TNEC Region 1';
00015 RUN;
00016
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028
```

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's path as C:\Users\njusth.

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 1

| | 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 | | |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.26 |
| In gnrl, how would you rate overall hlth | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.57 |

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

Done C:\Users\njusth

The resulting output is in Table 4.2.

Table 4.2
Constructed Beneficiary Group by Gender for TNEX Region 1

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/Fam <65 | | | Ret/Surv/Fam 65+ | |
|--|--|--------|-------|----------------------|--------|-------|------------------|--------|-------|------------------|------|
| | Gender | | Group | Gender | | Group | Gender | | Group | Gender | |
| | Male | Female | | Male | Female | | Male | Female | | | |
| | Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 |
| | In gnrl, how would you rate overall hlth | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 |

(Continued)

Table 4.2
Constructed Beneficiary Group by Gender for TNEX Region 1

| | | | |
|------------|-------------------------|-------|-------|
| | Ret/Surv/Fam | | |
| | 65+ | | |
| | ----- | | |
| | Gender | | |
| | ----- | Group | |
| | Female | Total | Total |
| | -----+-----+-----+----- | | |
| Rating of | | | |
| all health | | | |
| care in | | | |
| 1st yr | 8.99 | 9.07 | 8.26 |
| | -----+-----+-----+----- | | |
| In gnrl, | | | |
| how would | | | |
| you rate | | | |
| ovrall | | | |
| hlth | 3.57 | 3.61 | 3.57 |
| | -----+-----+-----+----- | | |

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 XSEX because 'male' and 'female' are self-explanatory, the revised program is as follows:

```

OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
PROC TABULATE DATA=IN.HCS202_1;
WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
CLASS XBNFGRP XSEX;
VAR H20018 H20065;
WEIGHT FWRWT;
TABLE (H20018 H20065)*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 1';
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 2020';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS202_1;
00005 WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
00006 CLASS XBNFGRP XSEX;
00007 VAR H20018 H20065;
00008 WEIGHT FWRWT;
00009 TABLE (H20018 H20065)*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 1';
00015 RUN;
00016
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028

```

The window title is "SAS - [Program Editor - (Untitled)]". The status bar at the bottom shows the 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 1

| | 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 | |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.26 |
| In gnrl, how would you rate overall hlth | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.57 |

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

Done C:\Users\njusth

The result is Table 4.3.

Table 4.3
Constructed Beneficiary Group by Gender for TNEX Region 1

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/Fam <65 | | |
|--|-----------------|--------|-------------|----------------------|--------|-------------|------------------|--------|-------------|
| | Male | Female | Group Total | Male | Female | Group Total | Male | Female | Group Total |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 |
| In gnrl, how would you rate overall hlth | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 |

(Continued)

Table 4.3
Constructed Beneficiary Group by Gender for TNEX Region 1

| | Ret/Surv/Fam 65+ | | | |
|-------------------------------|------------------|--------|-------|-------|
| | ----- | | | |
| | Group | | | |
| | Male | Female | Total | Total |
| -----+-----+-----+-----+----- | | | | |
| Rating of all health care in | | | | |
| 1st yr | 9.12 | 8.99 | 9.07 | 8.26 |
| -----+-----+-----+-----+----- | | | | |
| In gnrl, how would you rate | | | | |
| ovrall hlth | 3.63 | 3.57 | 3.61 | 3.57 |

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 H20052, 'Have you ever smoked at least 100 cigarettes in your entire life?', your TABLE statement in the TABULATE procedure would look like this:

```
WHERE XTNEXRG2 = 2;
TABLE H20052 ALL='Total',
      (All='Region Total' SVCSMPL=' ')*(N='#'*F=5.0 PCTN<H20052 ALL>='%'*F=6.2)
/RTS=25;
```

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

```

SAS - [Program Editor - (Untitled)]
File Edit View Tools Run Solutions Window Help
Command ==> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS202_1;
00005 WHERE XTNEXRG2 = 2; /* Limit to Region 2 */
00006 CLASS H20052 SVCSMPL;
00007 WEIGHT FWRWT;
00008 TABLE H20052 ALL='Total',
00009          (All='Region Total' SVCSMPL=' ')*
00010          (N='#'*F=5.0 PCTN<H20052 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;
00016
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028
Output - (Untitled) Log - (Untitled) Editor - Untitled1 Program Editor - (Unti...
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 | |
|--|--------------|--------|------|--------|------|--------|--------------|--------|-----------|--------|-------------|--------|---------------|--------|
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | | | | | | | | | | | |
| Yes | 813 | 27.63 | 221 | 26.95 | 148 | 28.96 | 39 | 30.95 | 384 | 27.20 | 16 | 31.37 | 5 | 22.73 |
| No | 2129 | 72.37 | 599 | 73.05 | 363 | 71.04 | 87 | 69.05 | 1028 | 72.80 | 35 | 68.63 | 17 | 77.27 |
| Total | 2942 | 100.00 | 820 | 100.00 | 511 | 100.00 | 126 | 100.00 | 1412 | 100.00 | 51 | 100.00 | 22 | 100.00 |

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

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 | 813 | 27.63 | 221 | 26.95 | 148 | 28.96 | 39 | 30.95 | 384 | 27.20 |
| No | 2129 | 72.37 | 599 | 73.05 | 363 | 71.04 | 87 | 69.05 | 1028 | 72.80 |
| Total | 2942 | 100.00 | 820 | 100.00 | 511 | 100.00 | 126 | 100.00 | 1412 | 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/Unknown | |
|--|-------------|--------|---------------|--------|
| | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | |
| Yes | 16 | 31.37 | 5 | 22.73 |
| No | 35 | 68.63 | 17 | 77.27 |
| Total | 51 | 100.00 | 22 | 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 H20052 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 2020 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.

```

SAS - [Program Editor - (Untitled)]
File Edit View Tools Run Solutions Window Help
Command ==> SUBMIT
00001 OPTIONS PS=79 LS=95;
00002 LIBNAME IN 'C:\FILES\DoD\ADULT 2020';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2020\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS202_1;
00005 WHERE XTNEXR62 = 2; /* Limit to Region 2 */
00006 CLASS H20052 XENRLMT XSEX;
00007 VAR FWRMT;
00008 TABLE H20052 ALL='Total',
00009          XENRLMT='*(XSEX=' ' ALL='Group Total')*FWRMT=' '*
00010          (sum='*'*F=6.0 PCTsum<XENRLMT*XSEX XENRLMT*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;
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028

```

These commands produce the following output.

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 | Fema |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | | | | | | | | | | | |
| Yes | 92023 | 13.87 | 14809 | 2.23 | 106833 | 16.10 | 52670 | 7.94 | 103175 | 15.55 | 155845 | 23.49 | 37517 | 5.66 |
| No | 288074 | 20.12 | 149685 | 10.45 | 437759 | 30.57 | 95530 | 6.67 | 332127 | 23.20 | 427657 | 29.87 | 103349 | 7.22 |
| Total | 380097 | 18.14 | 164494 | 7.85 | 544591 | 25.99 | 148200 | 7.07 | 435302 | 20.78 | 583502 | 27.85 | 140865 | 6.72 |

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 | | | | Male | | | | Female | | | |
| | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | |
| | # | % | # | % | # | % | # | % | # | % | # | % | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | | | | | | | | | | | | | |
| Yes | 92023 | 13.87 | 14809 | 2.23 | 106833 | 16.10 | 52670 | 7.94 | 103175 | 15.55 | 155845 | 23.49 | | | | |
| No | 288074 | 20.12 | 149685 | 10.45 | 437759 | 30.57 | 95530 | 6.67 | 332127 | 23.20 | 427657 | 29.87 | | | | |
| Total | 380097 | 18.14 | 164494 | 7.85 | 544591 | 25.99 | 148200 | 7.07 | 435302 | 20.78 | 583502 | 27.85 | | | | |

(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 | | | Male | | | Female | | |
| | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | | Group Total | |
| | # | % | # | % | # | % | # | % | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | | | | | | | | | |
| Yes | 37517 | 5.66 | 44225 | 6.67 | 81742 | 12.32 | 183660 | 27.68 | 96663 | 14.57 | 280323 | 42.25 |
| No | 103349 | 7.22 | 211783 | 14.79 | 315132 | 22.01 | 154661 | 10.80 | 67664 | 4.73 | 222325 | 15.53 |
| Total | 140865 | 6.72 | 256009 | 12.22 | 396874 | 18.94 | 338320 | 16.15 | 164327 | 7.84 | 502647 | 23.99 |

(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 | | Group Total | | Group Total | |
| | # | % | # | % | # | % |
| Smoked at least 100 cigarettes in life | | | | | | |
| Yes | 38665 | 5.83 | . | . | 38665 | 5.83 |
| No | 19333 | 1.35 | 9666 | 0.68 | 28999 | 2.03 |
| Total | 57998 | 2.77 | 9666 | 0.46 | 67664 | 3.23 |

HOW TO MAKE A TABLE USING SPSS

The Quarter II, 2020 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:

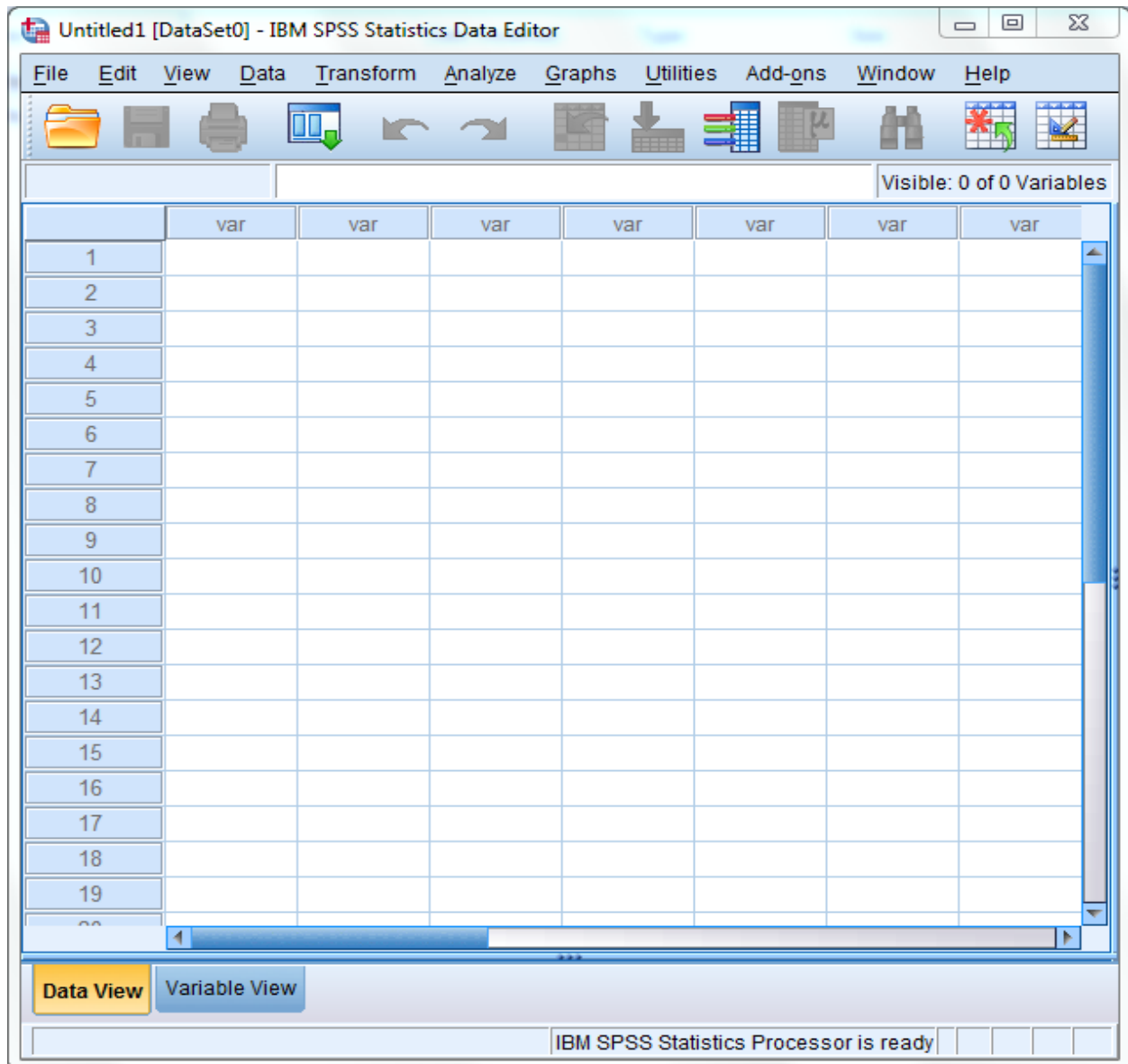
- Construct new variables

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

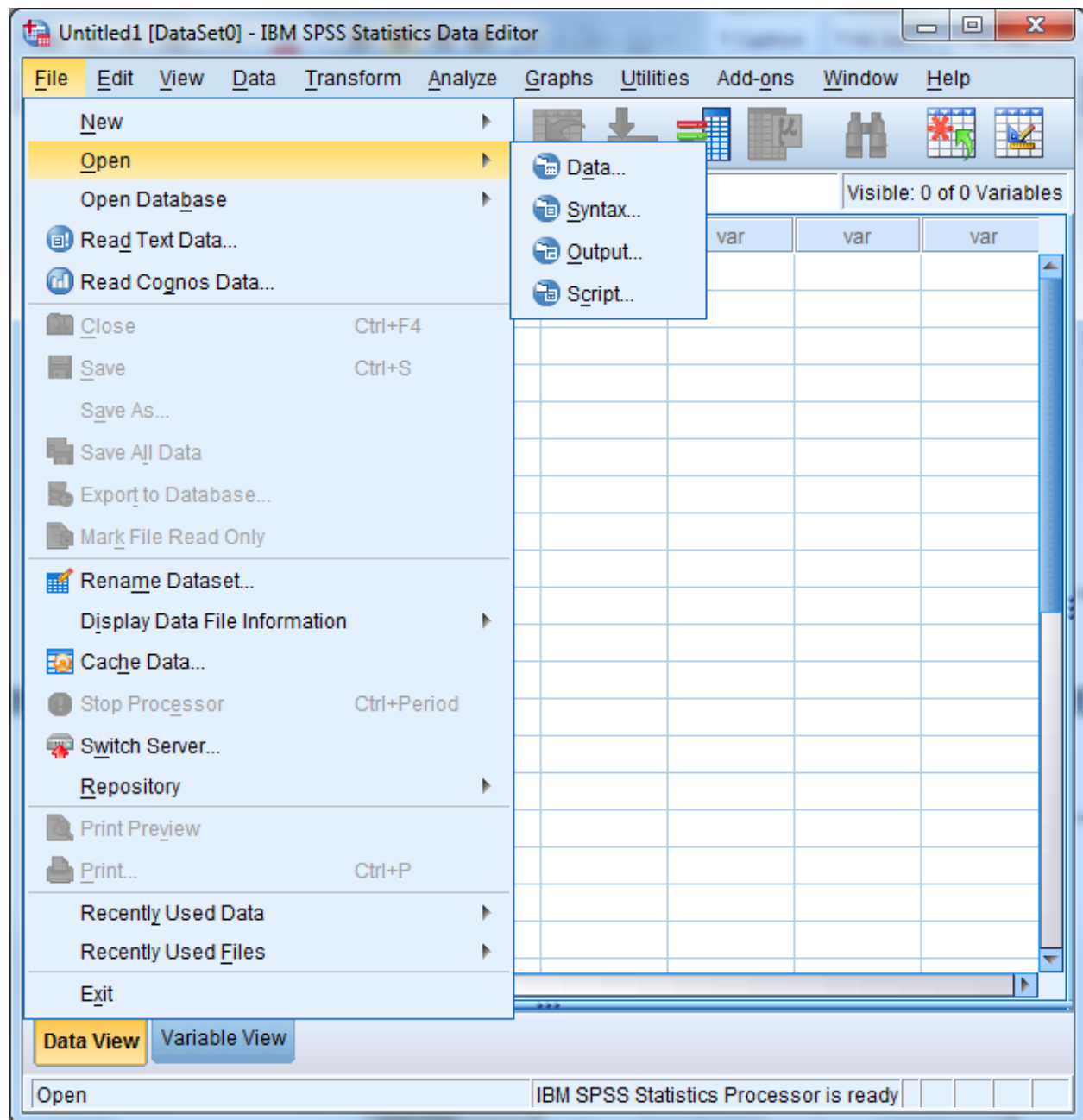
As you use the dialog boxes, you generate syntax automatically. This syntax may be pasted into a syntax file for future use or for modification.

Locating and opening the data file

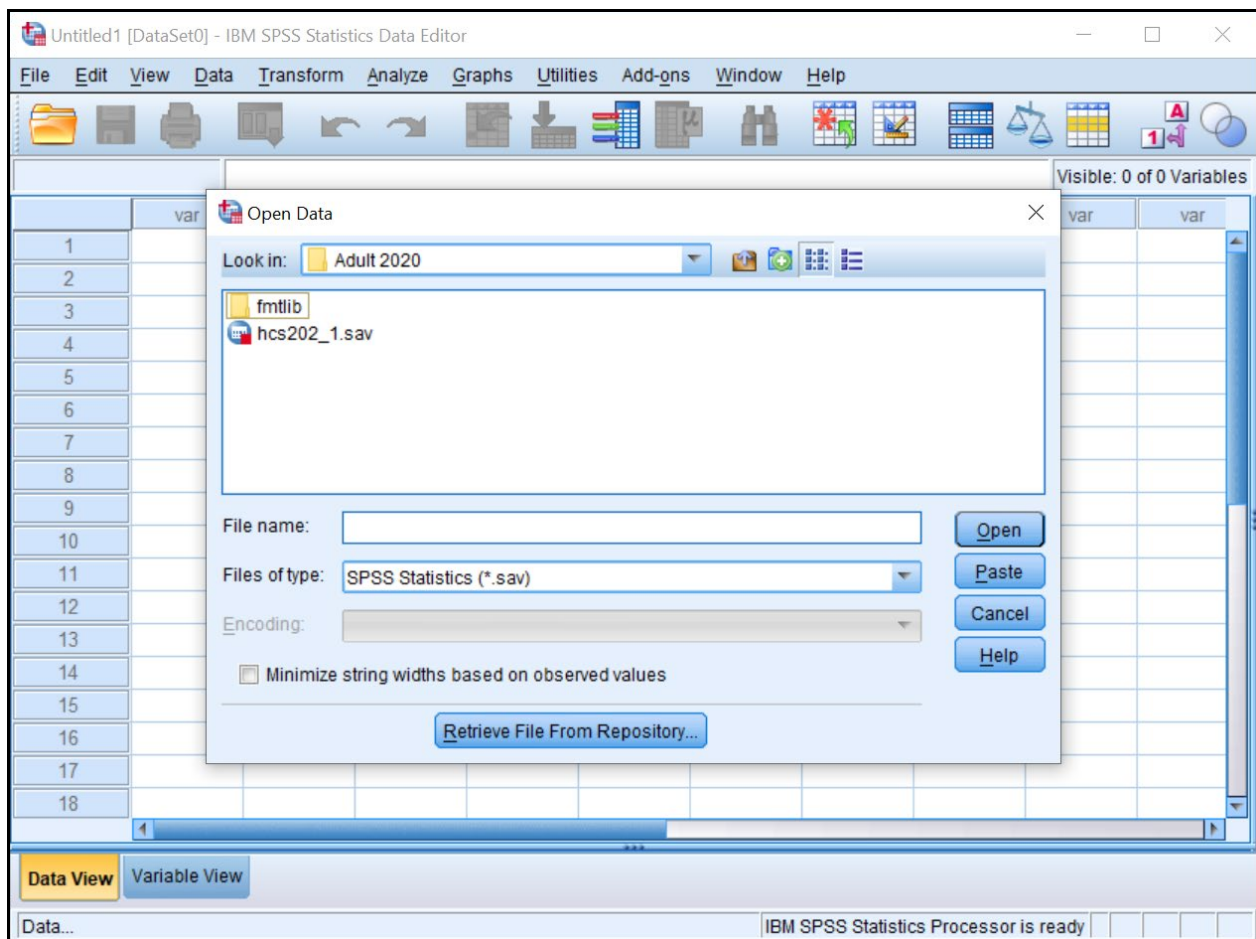
To begin an SPSS session, double click on the SPSS icon on your desktop. The Data Editor window will open and present a spreadsheet with a dialog box. Click Cancel in the bottom right corner to close the dialog box and a blank spreadsheet will appear:



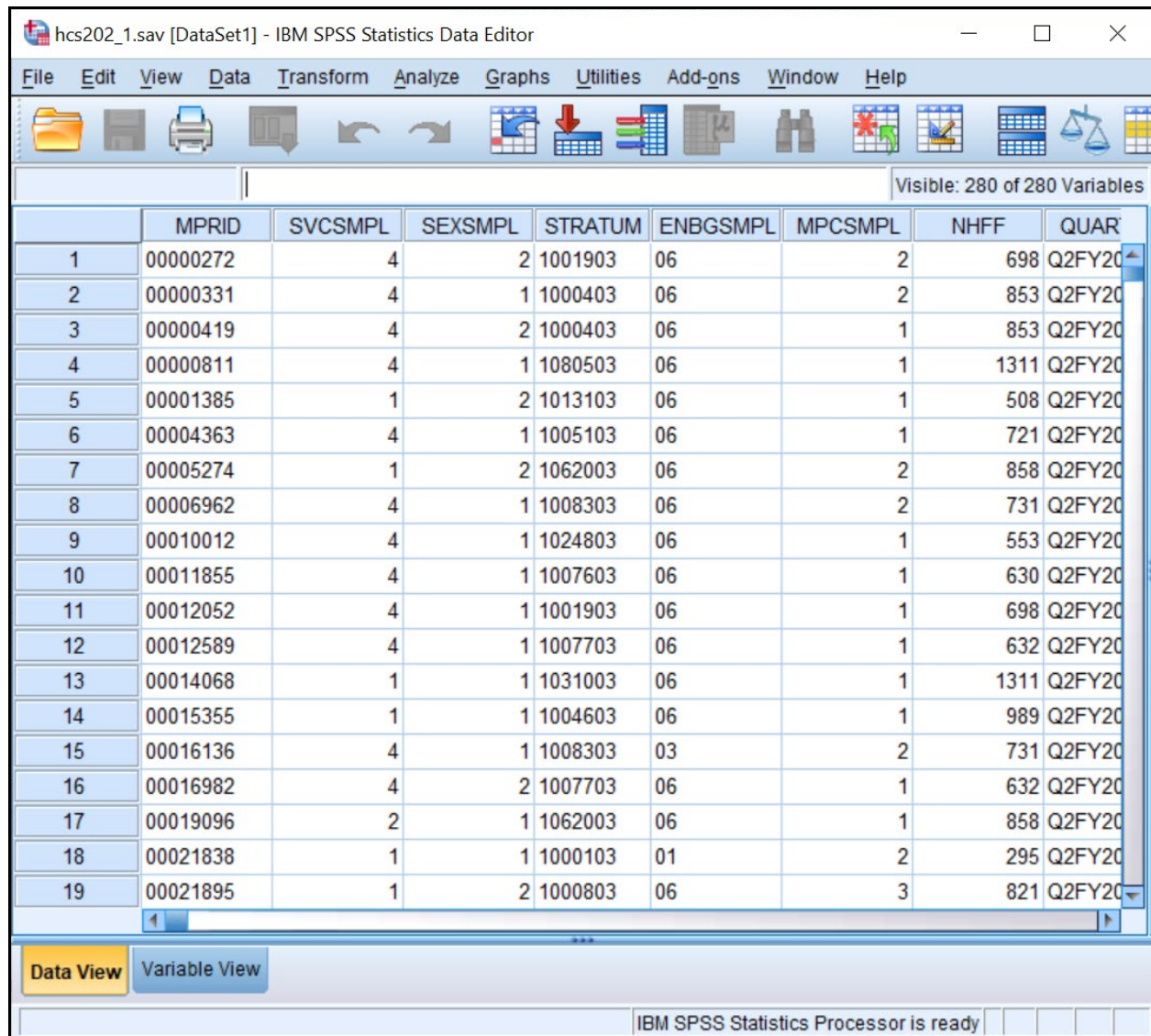
Click on File in the upper left corner to open the following menu:



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 II, 2020 Adult HCSDb dataset has been opened and is displayed below.



hcs202_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

Visible: 280 of 280 Variables

| | MPRID | SVCSMPL | SEXSMPL | STRATUM | ENBGSMPL | MPCSMPL | NHFF | QUAR |
|----|----------|---------|---------|---------|----------|---------|------|--------|
| 1 | 00000272 | 4 | 2 | 1001903 | 06 | 2 | 698 | Q2FY20 |
| 2 | 00000331 | 4 | 1 | 1000403 | 06 | 2 | 853 | Q2FY20 |
| 3 | 00000419 | 4 | 2 | 1000403 | 06 | 1 | 853 | Q2FY20 |
| 4 | 00000811 | 4 | 1 | 1080503 | 06 | 1 | 1311 | Q2FY20 |
| 5 | 00001385 | 1 | 2 | 1013103 | 06 | 1 | 508 | Q2FY20 |
| 6 | 00004363 | 4 | 1 | 1005103 | 06 | 1 | 721 | Q2FY20 |
| 7 | 00005274 | 1 | 2 | 1062003 | 06 | 2 | 858 | Q2FY20 |
| 8 | 00006962 | 4 | 1 | 1008303 | 06 | 2 | 731 | Q2FY20 |
| 9 | 00010012 | 4 | 1 | 1024803 | 06 | 1 | 553 | Q2FY20 |
| 10 | 00011855 | 4 | 1 | 1007603 | 06 | 1 | 630 | Q2FY20 |
| 11 | 00012052 | 4 | 1 | 1001903 | 06 | 1 | 698 | Q2FY20 |
| 12 | 00012589 | 4 | 1 | 1007703 | 06 | 1 | 632 | Q2FY20 |
| 13 | 00014068 | 1 | 1 | 1031003 | 06 | 1 | 1311 | Q2FY20 |
| 14 | 00015355 | 1 | 1 | 1004603 | 06 | 1 | 989 | Q2FY20 |
| 15 | 00016136 | 4 | 1 | 1008303 | 03 | 2 | 731 | Q2FY20 |
| 16 | 00016982 | 4 | 2 | 1007703 | 06 | 1 | 632 | Q2FY20 |
| 17 | 00019096 | 2 | 1 | 1062003 | 06 | 1 | 858 | Q2FY20 |
| 18 | 00021838 | 1 | 1 | 1000103 | 01 | 2 | 295 | Q2FY20 |
| 19 | 00021895 | 1 | 2 | 1000803 | 06 | 3 | 821 | Q2FY20 |

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:

hcs202_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

Compute Variable...

- Count Values within Cases...
- Shift Values...
- Recode into Same Variables...
- Recode into Different Variables...
- Automatic Recode...
- Visual Binning...
- Rank Cases...
- Date and Time Wizard...
- Create Time Series...
- Replace Missing Values...
- Random Number Generators...
- Run Pending Transforms Ctrl+G

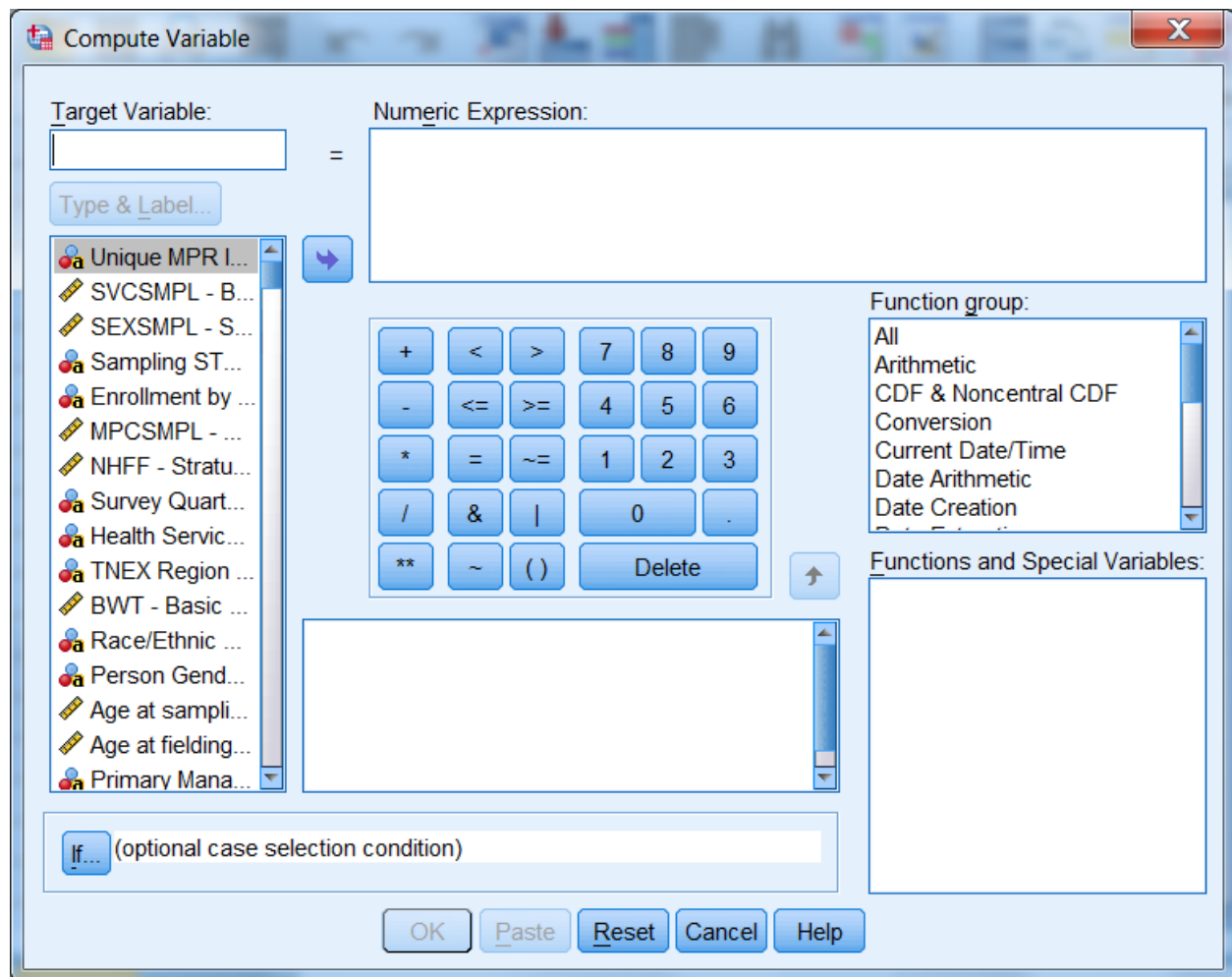
Visible: 280 of 280 Variables

| | MPRID | SMPL | MPCSMPL | NHFF | QUAR |
|----|----------|------|---------|---------|-------------|
| 1 | 00000272 | | | 2 | 698 Q2FY20 |
| 2 | 00000331 | | | 2 | 853 Q2FY20 |
| 3 | 00000419 | | | 1 | 853 Q2FY20 |
| 4 | 00000811 | | | 1 | 1311 Q2FY20 |
| 5 | 00001385 | | | 1 | 508 Q2FY20 |
| 6 | 00004363 | | | 1 | 721 Q2FY20 |
| 7 | 00005274 | | | 2 | 858 Q2FY20 |
| 8 | 00006962 | | | 2 | 731 Q2FY20 |
| 9 | 00010012 | | | 1 | 553 Q2FY20 |
| 10 | 00011855 | | | 1 | 630 Q2FY20 |
| 11 | 00012052 | | | 1 | 698 Q2FY20 |
| 12 | 00012589 | 4 | 1 | 1007703 | 06 |
| 13 | 00014068 | 1 | 1 | 1031003 | 06 |
| 14 | 00015355 | 1 | 1 | 1004603 | 06 |
| 15 | 00016136 | 4 | 1 | 1008303 | 03 |
| 16 | 00016982 | 4 | 2 | 1007703 | 06 |
| 17 | 00019096 | 2 | 1 | 1062003 | 06 |
| 18 | 00021838 | 1 | 1 | 1000103 | 01 |
| 19 | 00021895 | 1 | 2 | 1000803 | 06 |

Data View Variable View

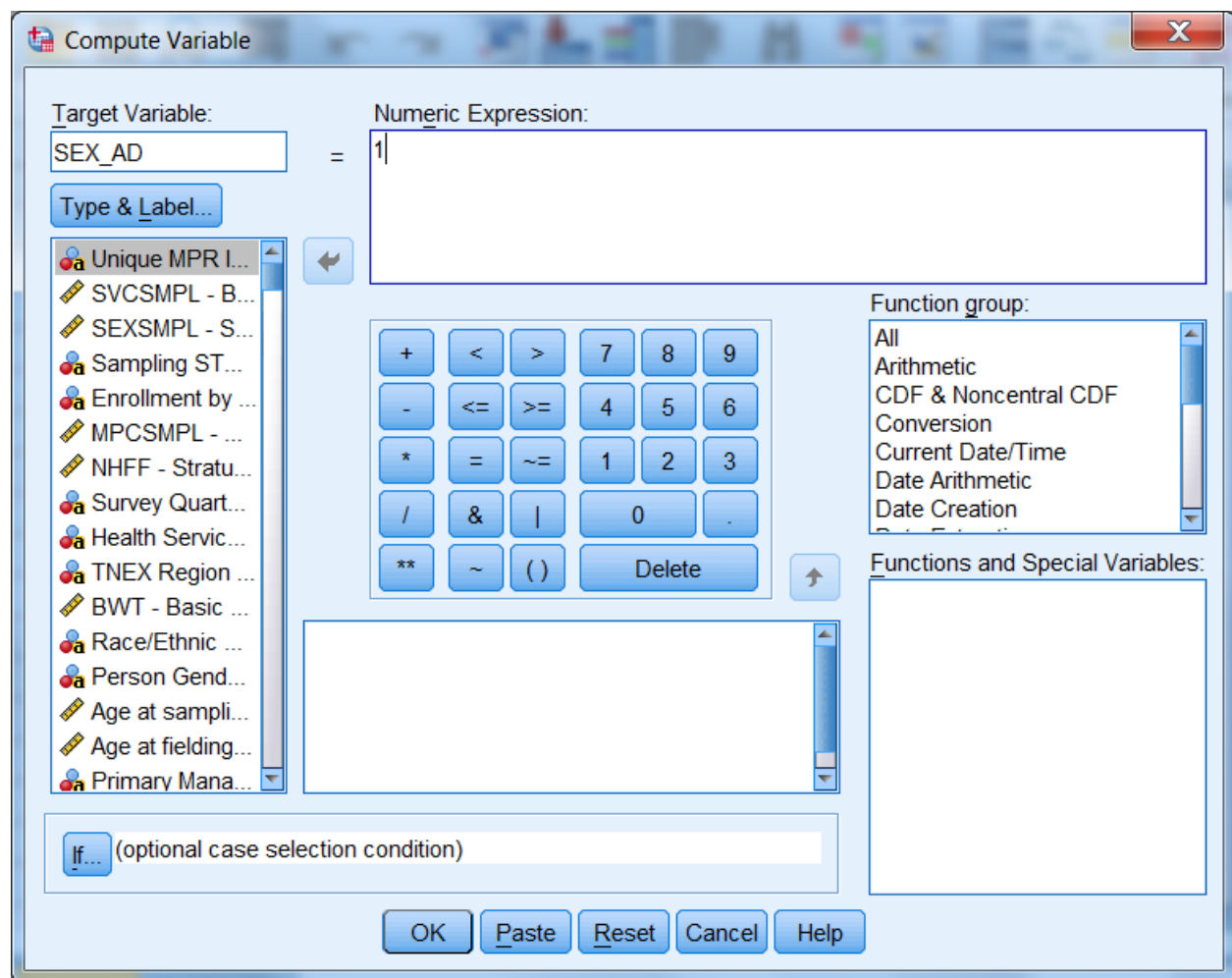
Compute Variable... IBM SPSS Statistics Processor is ready

The following dialogbox will open:

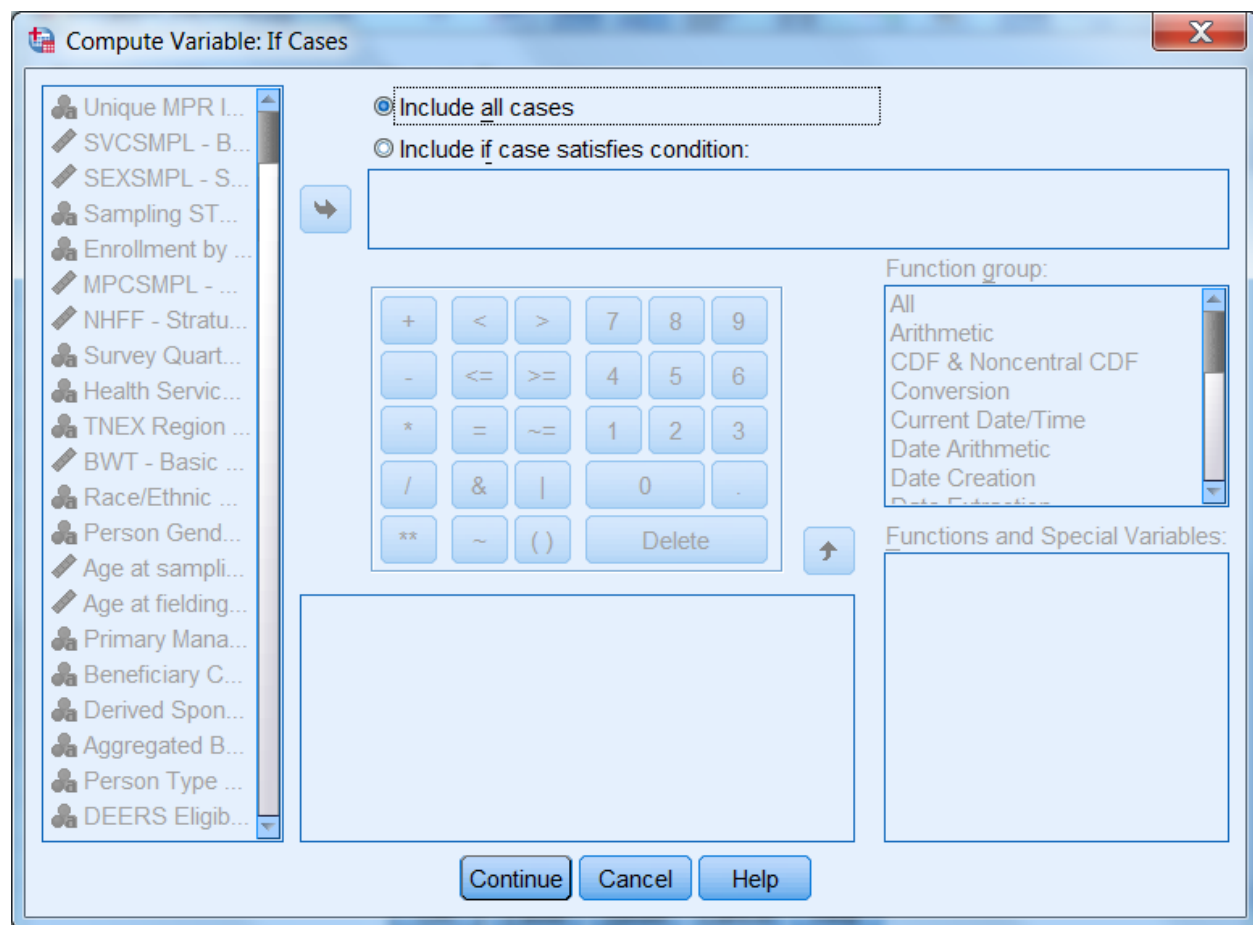


The image shows the 'Compute Variable' dialog box in SPSS. The 'Target Variable' field is empty. The 'Numeric Expression' field is empty. A list of variables is on the left, including 'Unique MPR I...', 'SVCSMPL - B...', 'SEXSMPL - S...', 'Sampling ST...', 'Enrollment by ...', 'MPCSMPL - ...', 'NHFF - Stratu...', 'Survey Quart...', 'Health Servic...', 'TNEX Region ...', 'BWT - Basic ...', 'Race/Ethnic ...', 'Person Gend...', 'Age at sampli...', 'Age at fielding...', and 'Primary Mana...'. A calculator keypad is in the center. On the right, there are lists for 'Function group:' (All, Arithmetic, CDF & Noncentral CDF, Conversion, Current Date/Time, Date Arithmetic, Date Creation) and 'Functions and Special Variables:'. At the bottom, there is an 'If...' button and a text field for 'optional case selection condition'. Buttons for 'OK', 'Paste', 'Reset', 'Cancel', and 'Help' are at the bottom right.

You can build the new variable in two steps to express the two conditions. The first task is to give the new variable a name and its first value. Enter the Target Variable slot and name the new variable `sex_ad`. Next, assign the value 1 to `sex_ad` by entering it into the slot for Numeric Expression. Your screen should look like the following:

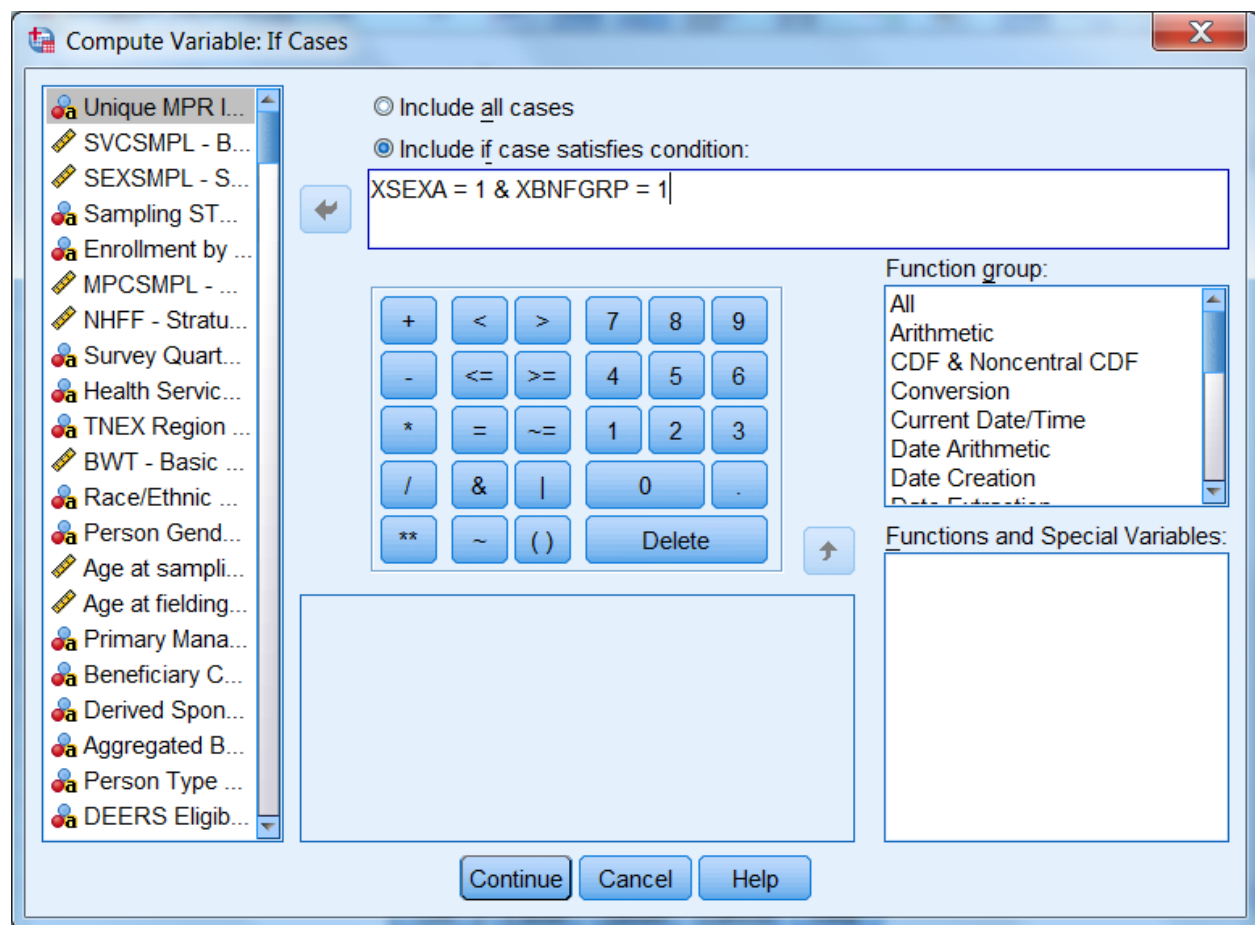


Once you we have assigned the value 1 to sex_ad, you can build the condition that qualifies the assignment. Click on If and open the following dialog box:

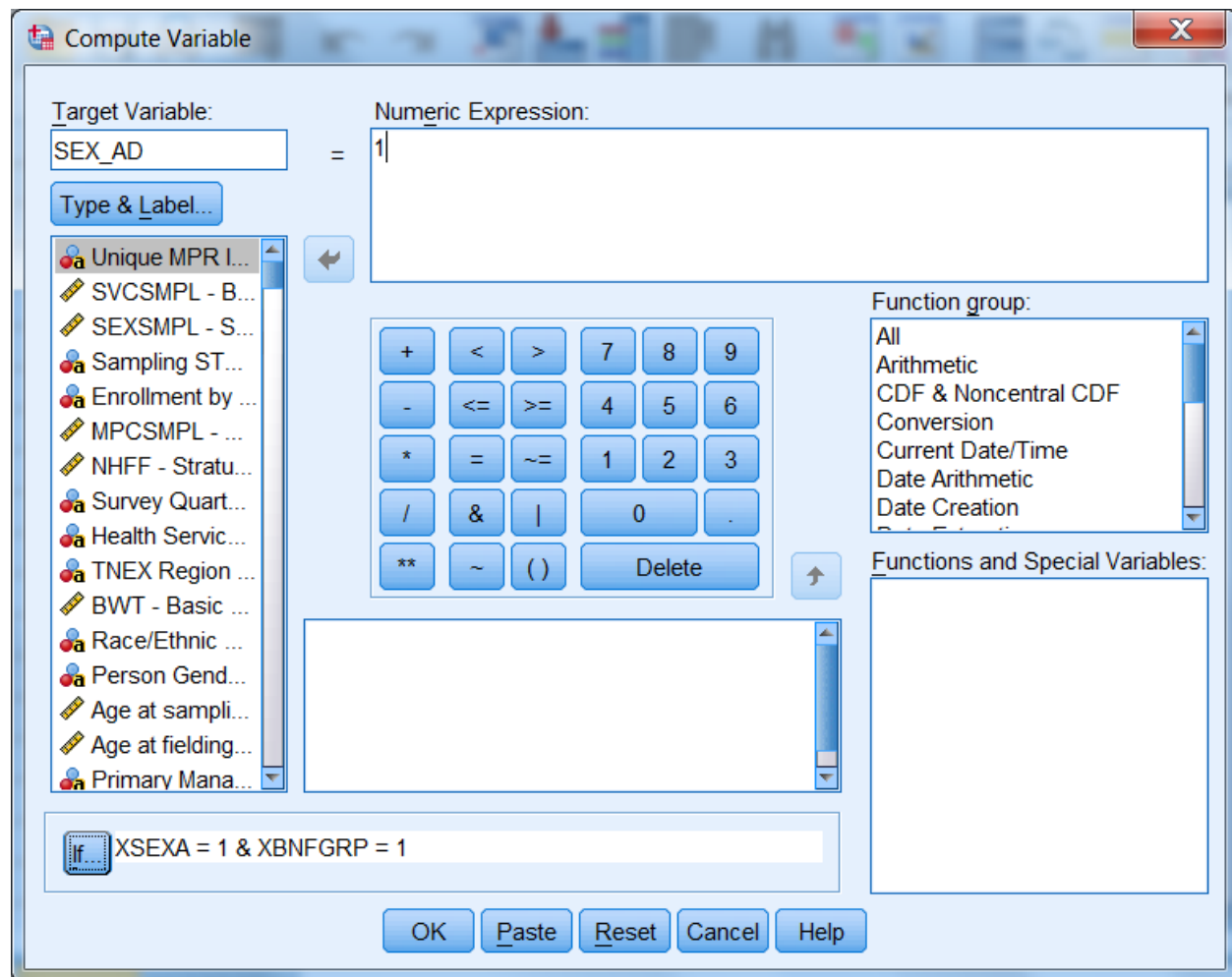


Click on the circle indicating Include if case satisfies condition, and the black dot will move to that circle. The slot underneath will open, ready for your input. Build the "if" condition. Write it directly into the slot or move the elements into the slot from the given options. Add the elements `xsexa = 1 & xbnfgrp = 1`.

The screen should resemble the following:



Click on Continue and return to the previous screen, which will now look like this:



Your condition will be written next to the If button. Click on OK to exit the dialog box, and the variable sex_ad will be created with its value set to 1.

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

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

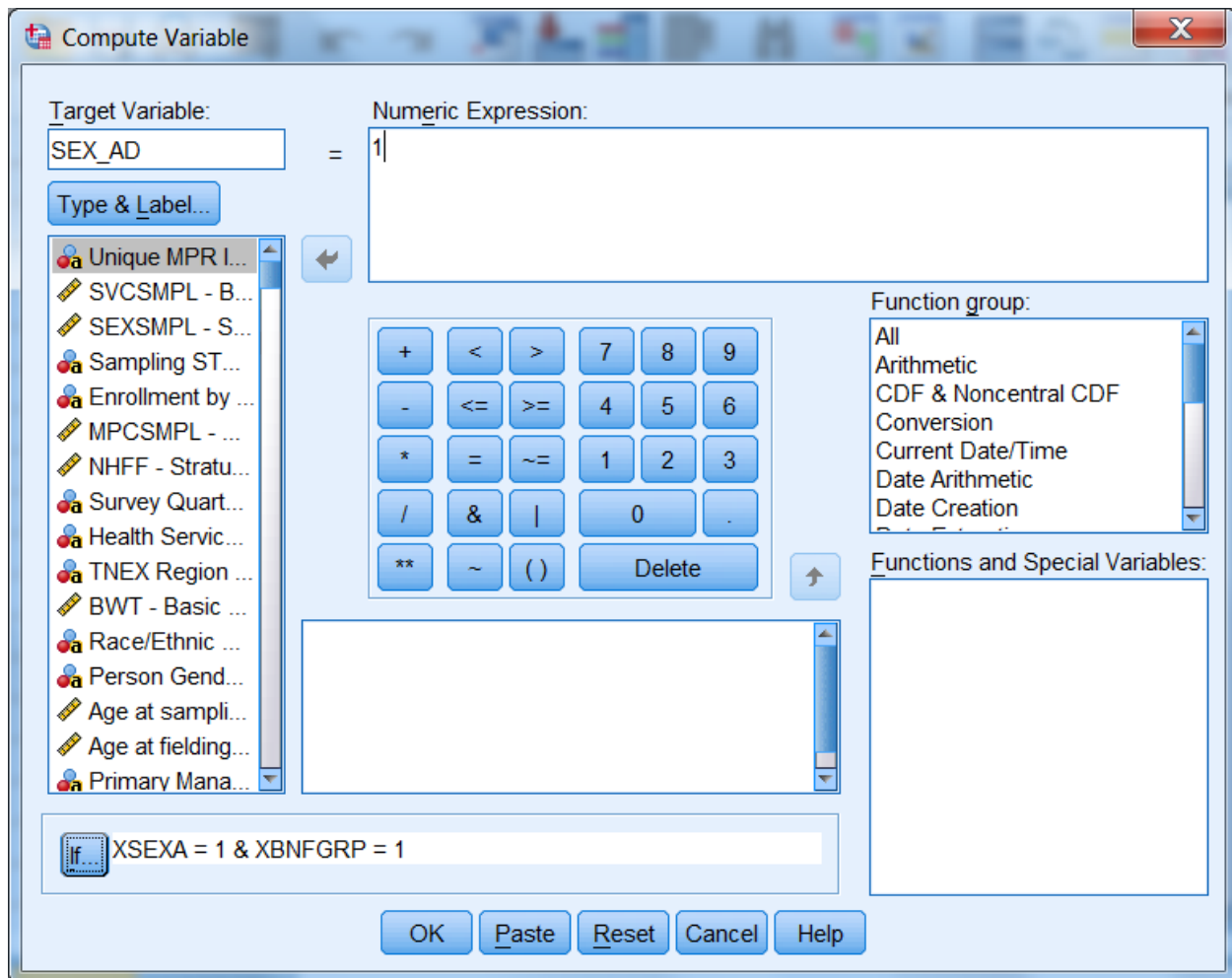
Since the HCSDB data set carries Read-Only status to protect it from corruption, changes to it cannot be saved. At the end of the day, when the work session ends and you exit SPSS, the file will revert to its former status and the new variables will be lost. The solution is to save the dataset under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

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

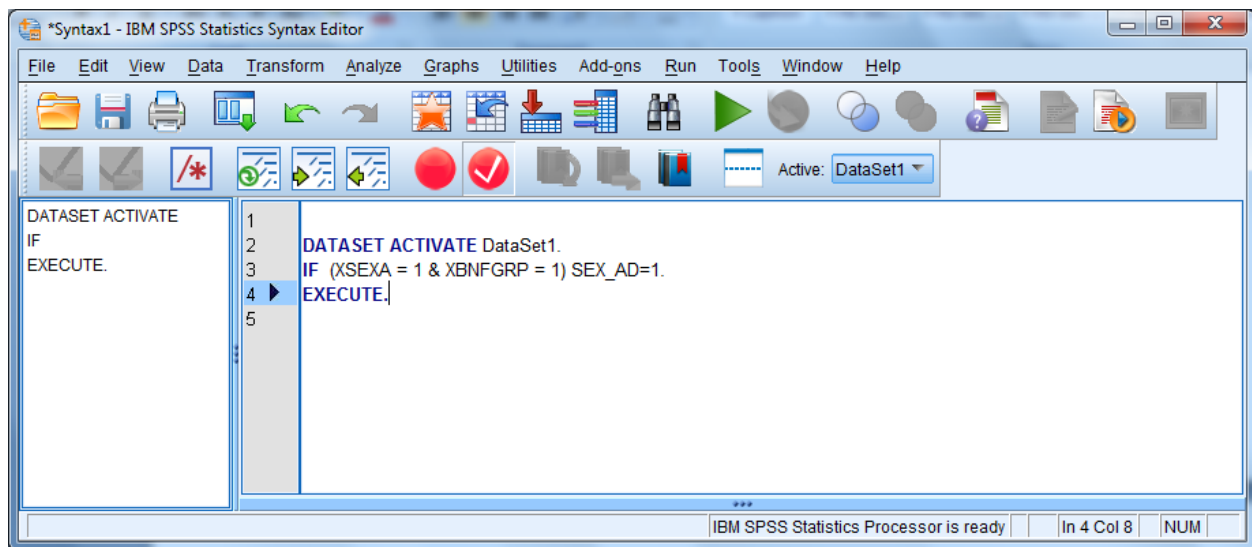
saved in a file and executed when needed. This is the batch mode of processing syntax commands. Syntax files take up very little space.

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

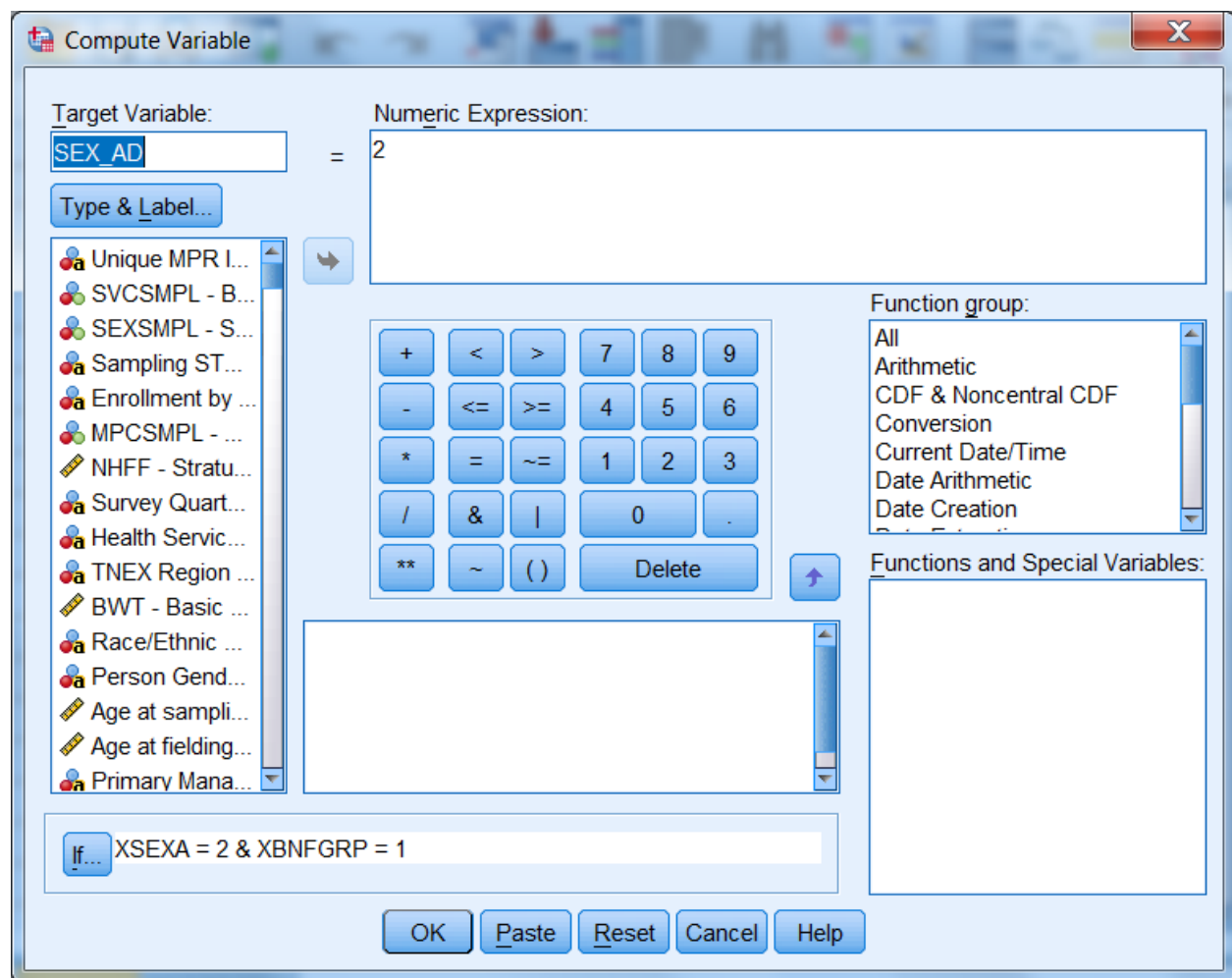
Recall the compute example for the new variable sex_ad. The screen below is the result of assigning 1 to sex_ad according to an If condition. You clicked on OK to set the value. Returning to the screen and clicking on Paste writes the command to a syntax file.



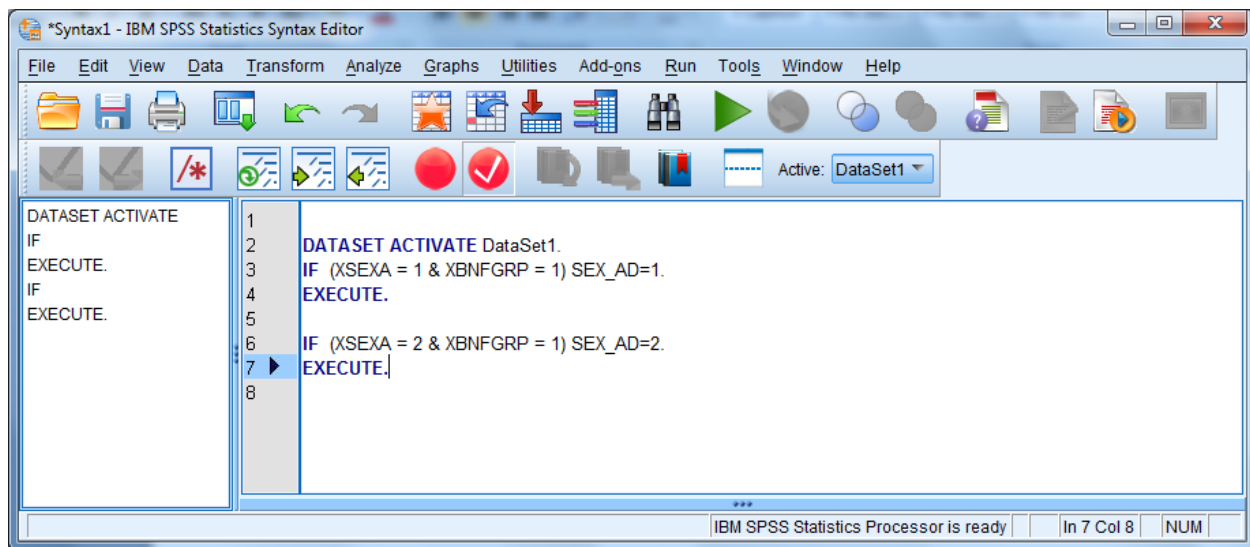
Click on the Paste button. A dialog box that says "Change existing variable?" will pop up. Click on OK, and the syntax window below will open with the syntax written in it.



Now return to the compute dialog box.



Assign the value **2** to **sex_ad** and build the “**if**” condition as in the diagram above. Select **Paste**, and these commands will be appended to the syntax file.



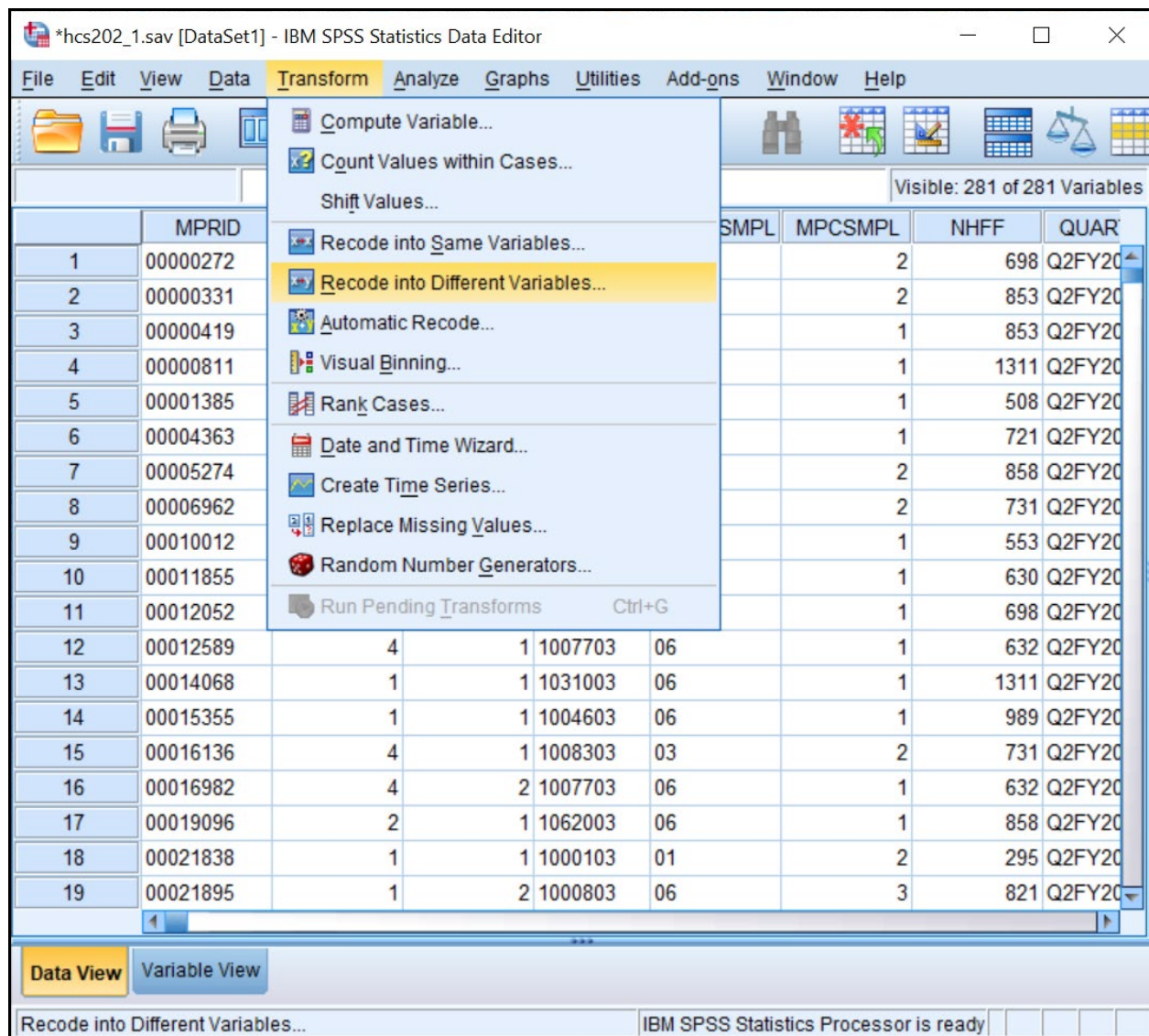
The results appear in the screen above. SPSS gives default names to syntax files, such as Syntax1, Syntax2, etc., as they are created. It is a good idea to save the syntax, re-naming the file using the **Save As** option on the **File** menu. Use a name that has some meaning to you, e.g., **New_computes**. The file will automatically receive the suffix **.sps**.

Another option for adding new variables to the dataset is to **Recode** existing variables **into** new variables. A common example involves **grouping** an age variable into age categories as shown below, using the variable **RFLDAGE**, which exists on our dataset. **RFLDAGE** is coded in years from 18 to 65, which can be grouped into four age categories:

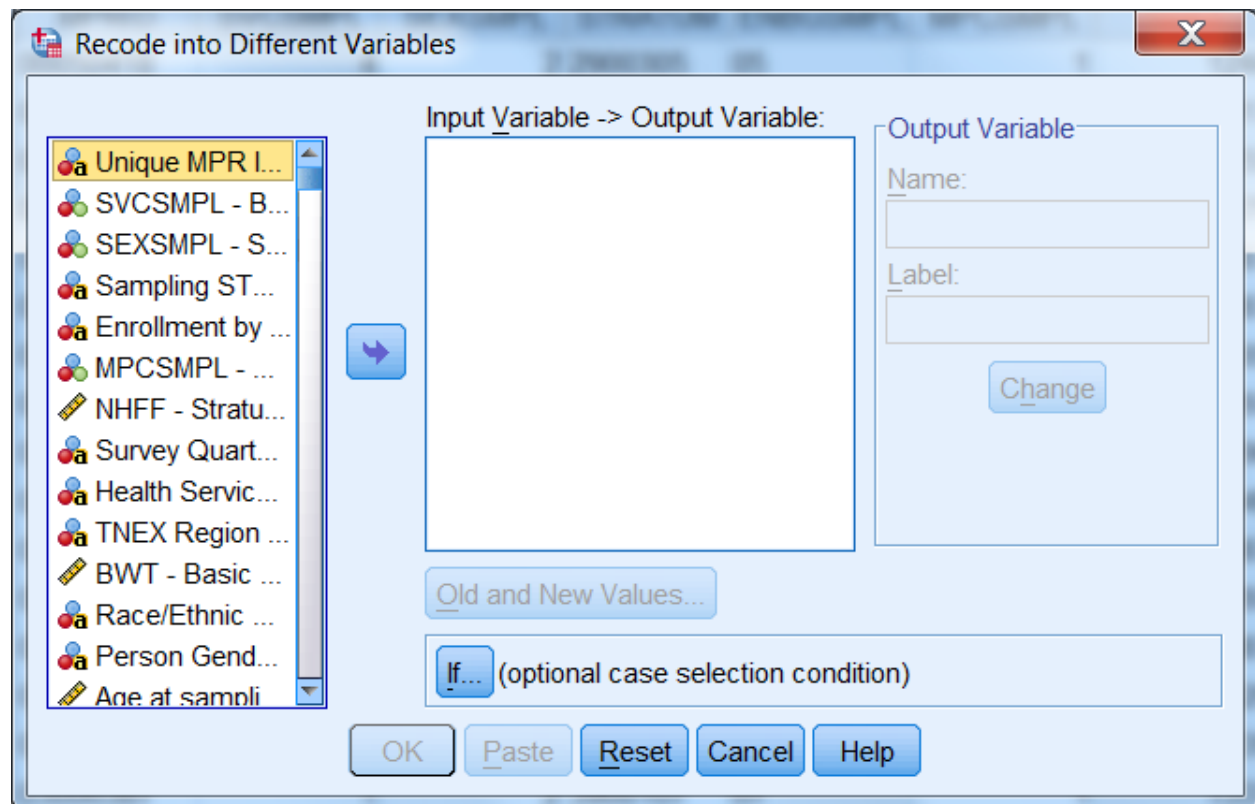
- 18 to 34 = 1 - label: "young adult"
- 35 to 49 = 2 - label: "mature adult"
- 50 to 64 = 3 – label: "middle-age"
- 65 and higher = 4 – label: "senior citizen"

The new variable is called **age_grp**.

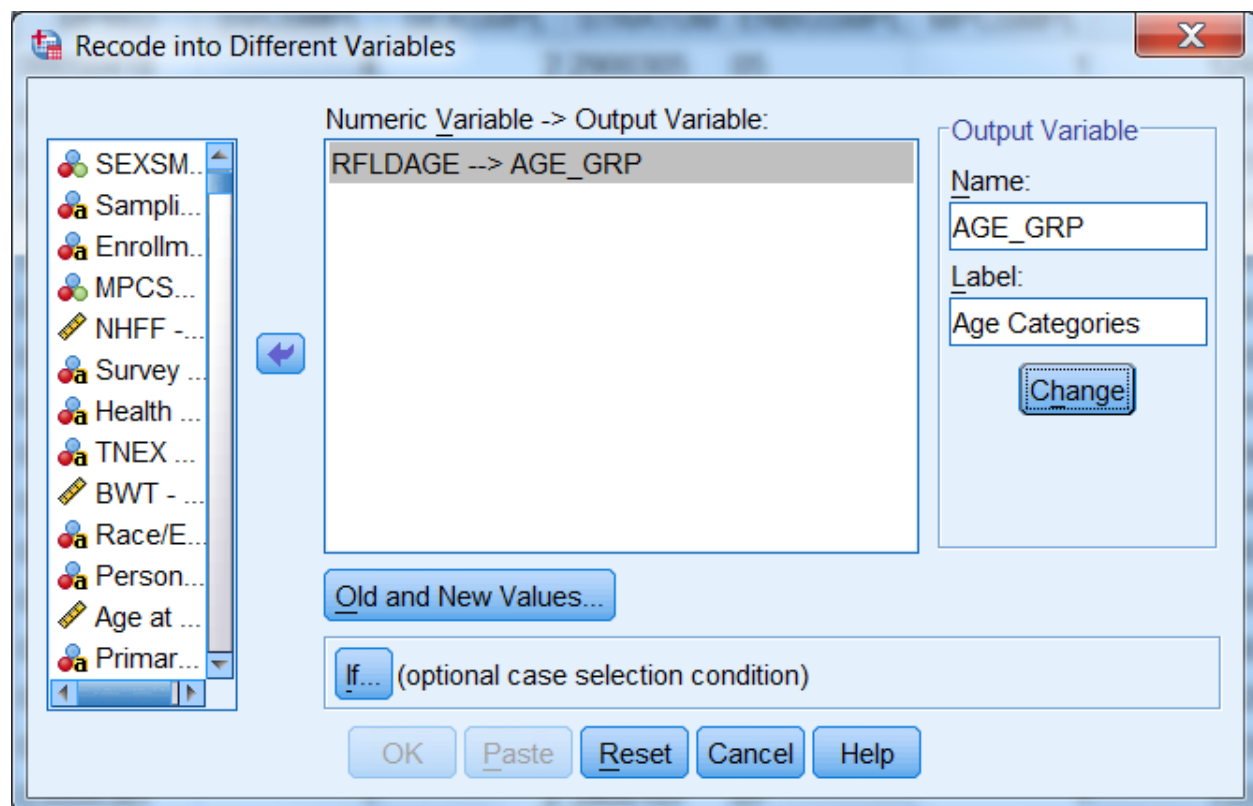
From the **Transform** menu, choose **Recode Into Different Variables** as pictured below:



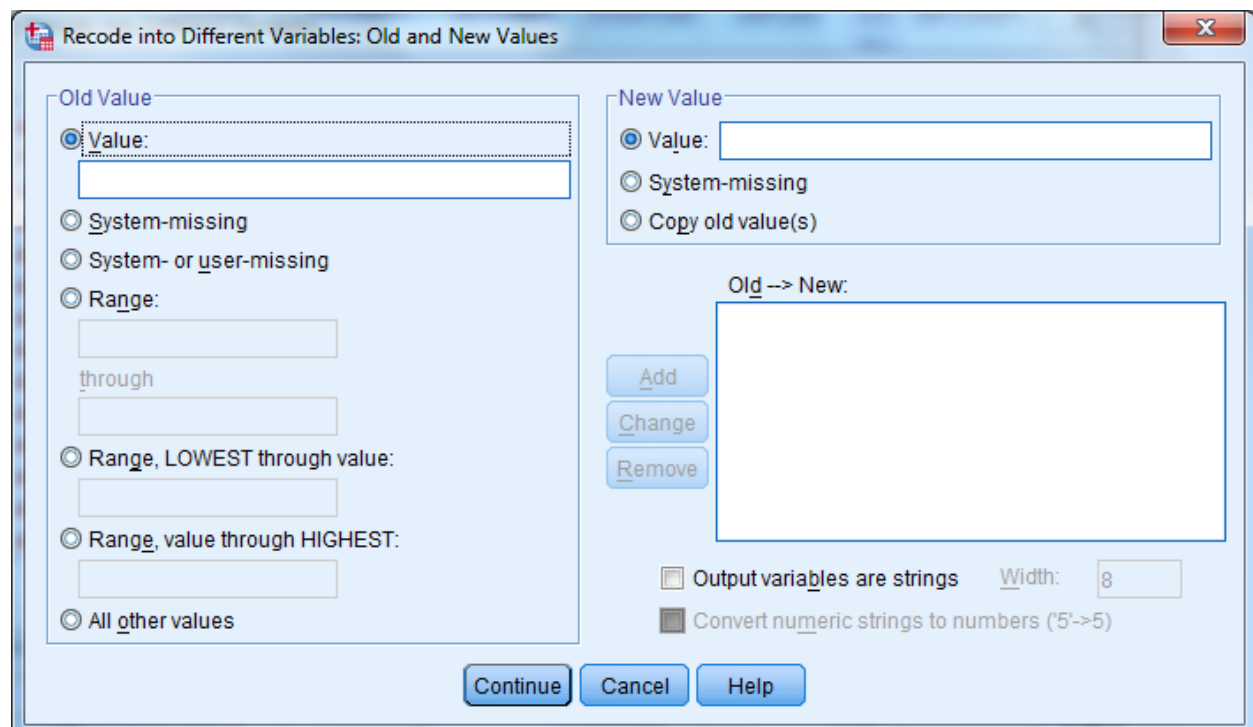
The following dialogbox will open:



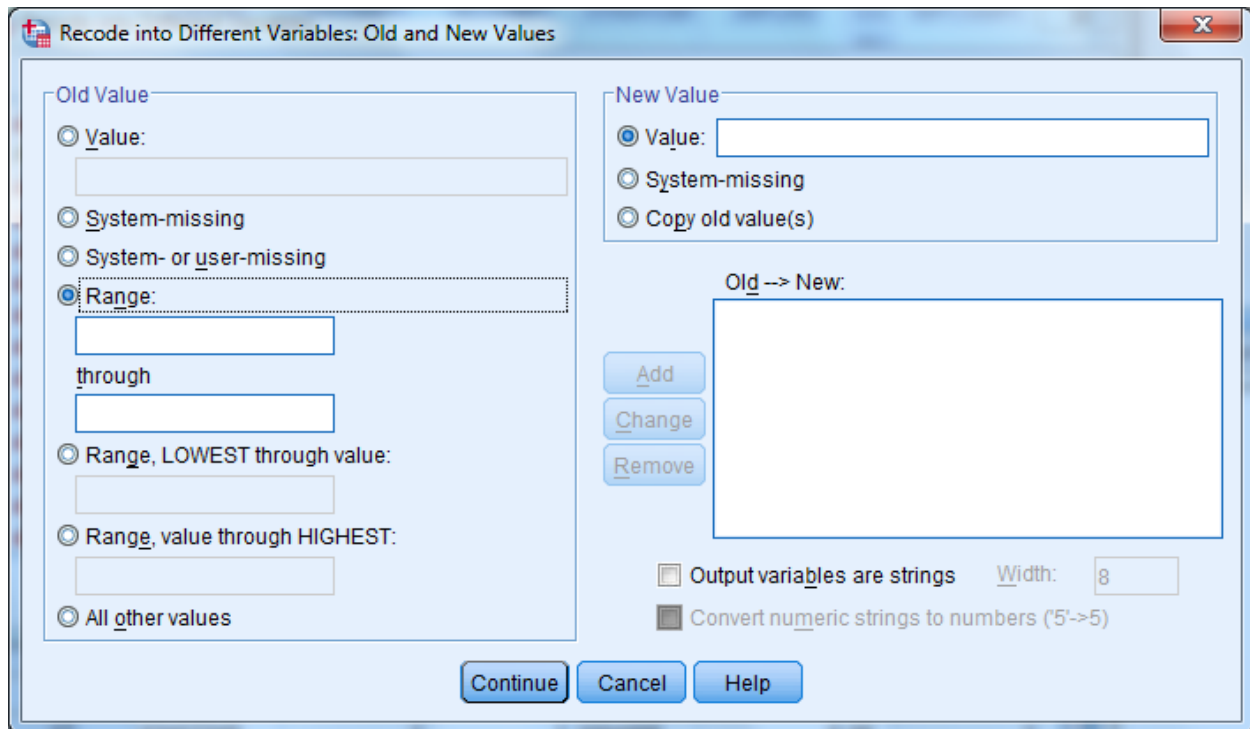
Move **RFLDAGE** from the variable list on the left to the box labeled **Input Variable -> Output Variable**. In the **Name** slot, enter the new variable name **age_grp**. Enter **Age Categories**, the variable label, in the **Label** slot. Click on **Change**. The dialog box should look like the one 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. The 'New Value' section on the right has the 'Value' radio button selected. The 'Old --> New:' list is empty. At the bottom, there are checkboxes for 'Output variables are strings' and 'Convert numeric strings to numbers', along with a 'Width' field set to 8. Buttons for 'Continue', 'Cancel', and 'Help' are at the bottom.

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:

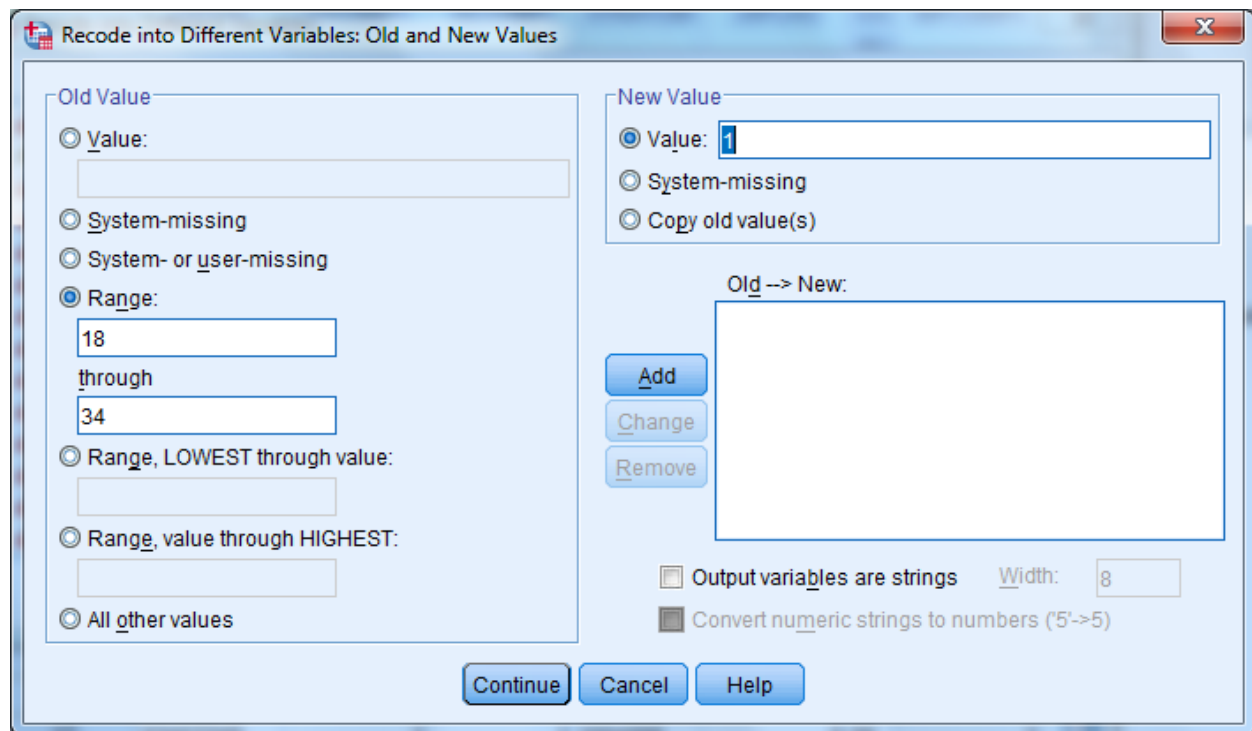
Add
Change
Remove

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

Continue Cancel Help

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

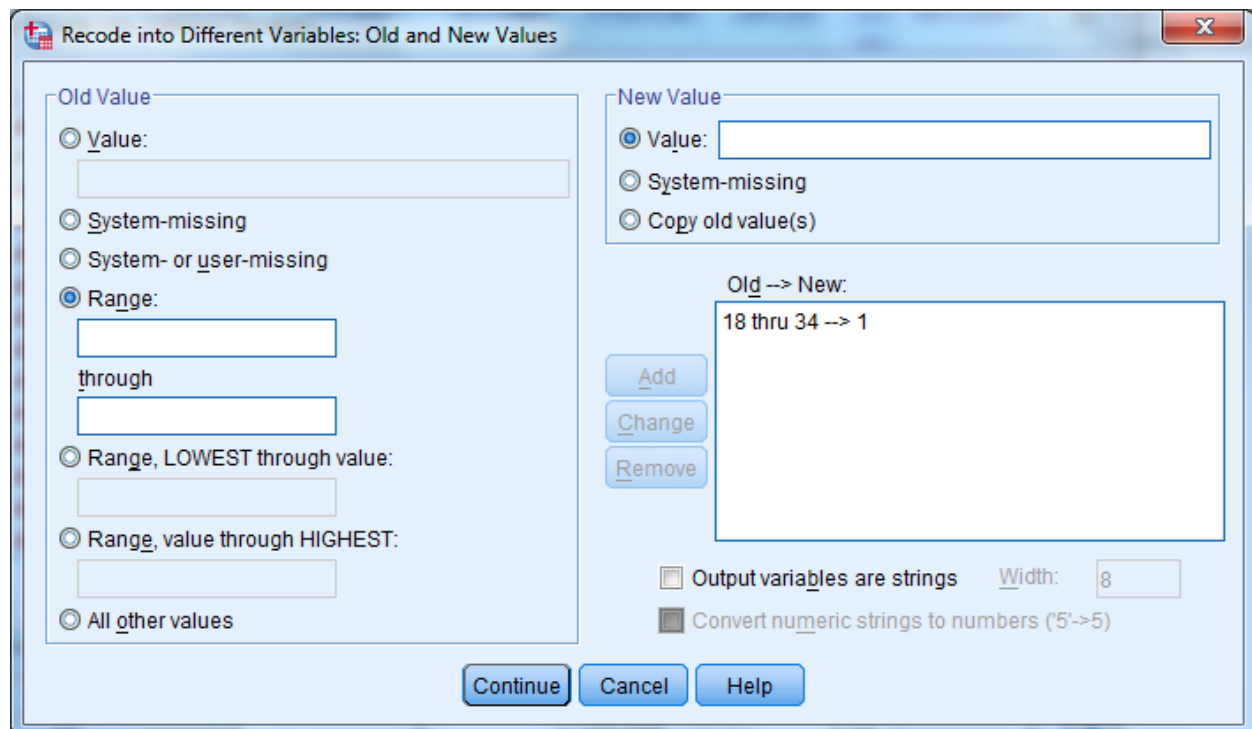
Remove

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 entry '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

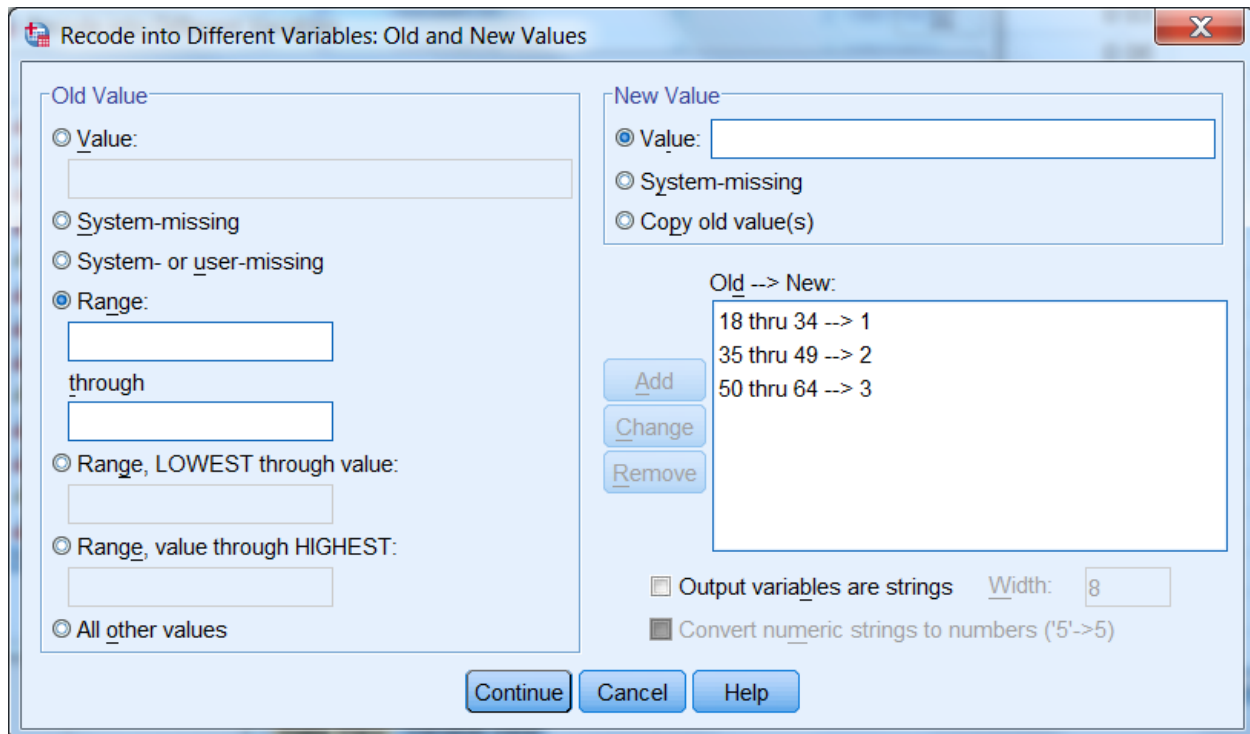
Output variables are strings Width: 8

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.

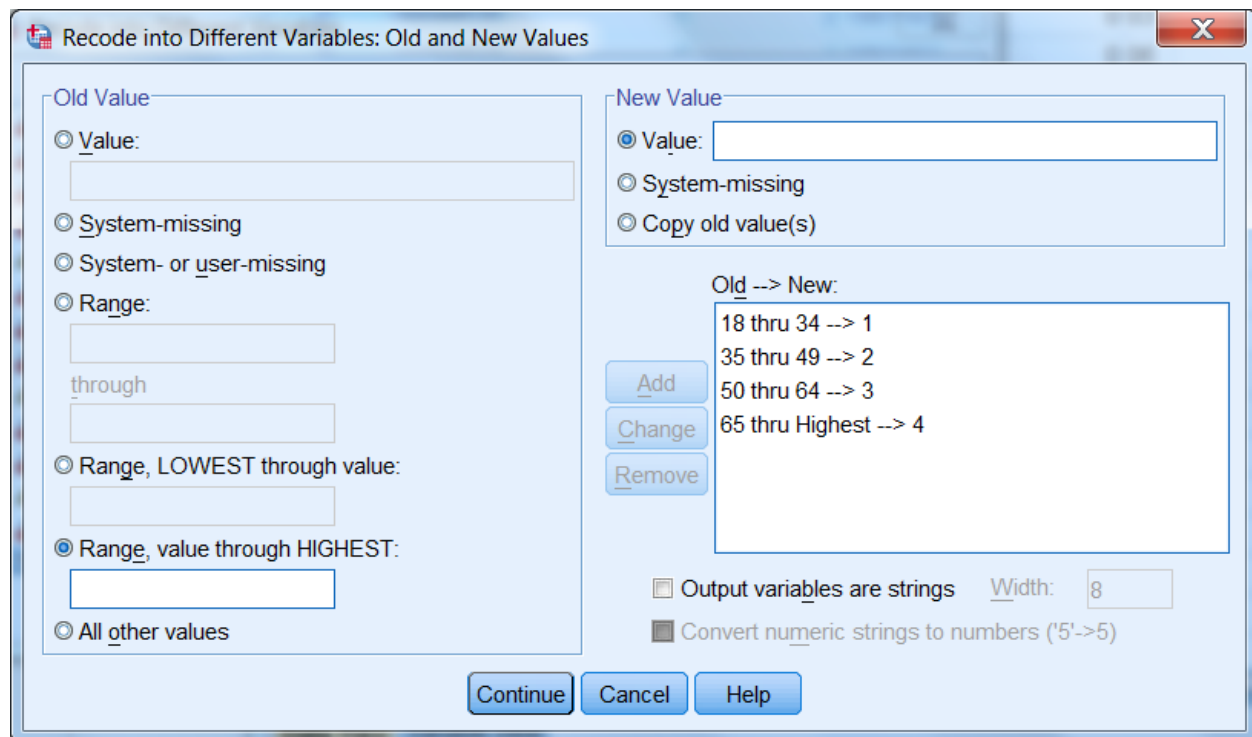
The next two remaining ranges are built in the same manner, adding each specification, until the dialog box looks like the one below.



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. In the 'Old -> New' list, three ranges are specified: '18 thru 34 --> 1', '35 thru 49 --> 2', and '50 thru 64 --> 3'. The 'Add' button is highlighted. At the bottom, the 'Convert numeric strings to numbers ('5'-->5)' checkbox is checked. The 'Continue', 'Cancel', and 'Help' buttons are at the bottom right.

| Old Value | New Value |
|------------|-----------|
| 18 thru 34 | 1 |
| 35 thru 49 | 2 |
| 50 thru 64 | 3 |

Because the data file is top coded at age 65, creating the final category is slightly different. Click on **Range, value through HIGHEST**, enter 65, and then enter a **Value** of 4. Finally, click on Add and the screen below will show all age categories.



The image shows the 'Recode into Different Variables: Old and New Values' dialog box in SPSS. The 'Old Value' section on the left has several radio buttons: 'Value:' (selected), 'System-missing', 'System- or _user-missing', 'Range:', 'Range, LOWEST through value:', 'Range, value through HIGHEST:', and 'All other values'. The 'New Value' section on the right has radio buttons for 'Value:', 'System-missing', and 'Copy old value(s)'. Below these is a list box titled 'Old --> New:' containing four entries: '18 thru 34 --> 1', '35 thru 49 --> 2', '50 thru 64 --> 3', and '65 thru Highest --> 4'. To the left of this list are three buttons: 'Add', 'Change', and 'Remove'. At the bottom right, there are two checkboxes: 'Output variables are strings' (unchecked) and 'Convert numeric strings to numbers ('5'-->5)' (checked). A 'Width:' field with the value '8' is next to the first checkbox. At the bottom of the dialog are three buttons: 'Continue', 'Cancel', and 'Help'.

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
- 35 thru 49 --> 2
- 50 thru 64 --> 3
- 65 thru Highest --> 4

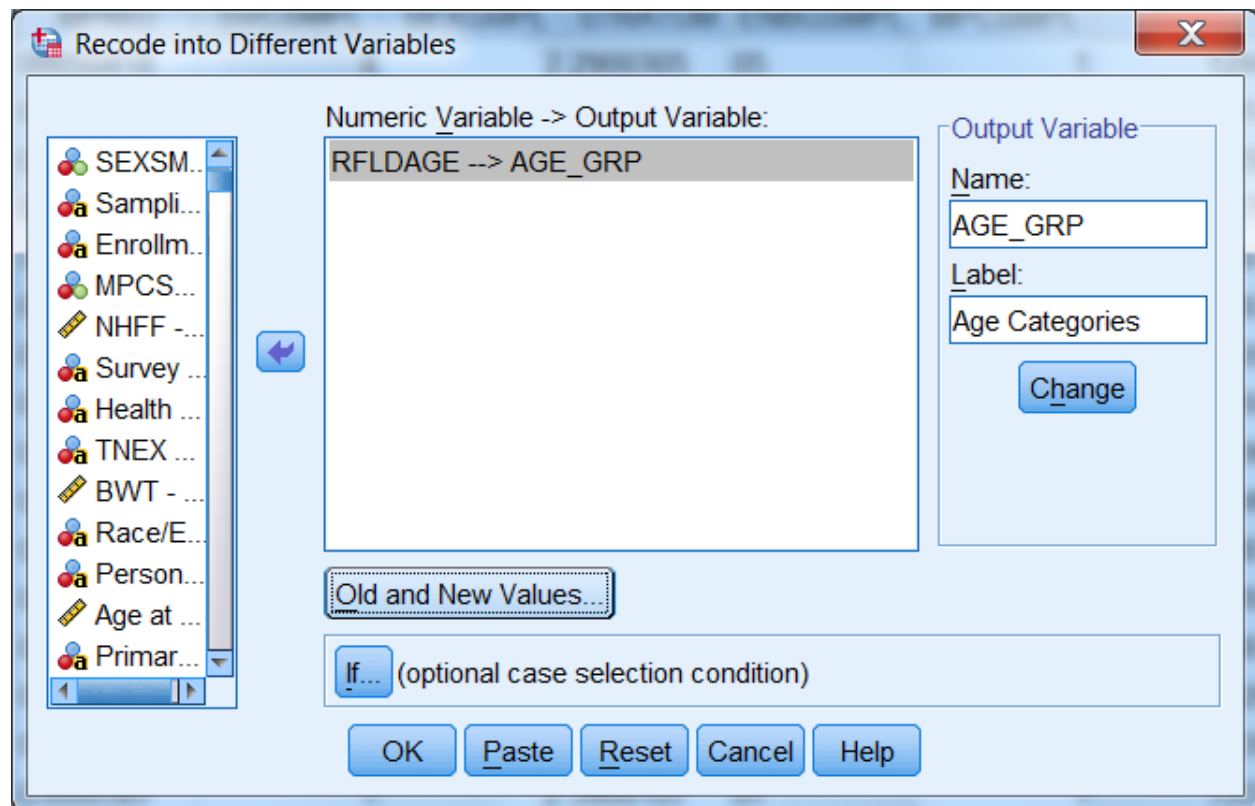
Add Change Remove

☐ Output variables are strings Width: 8

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

Continue Cancel Help

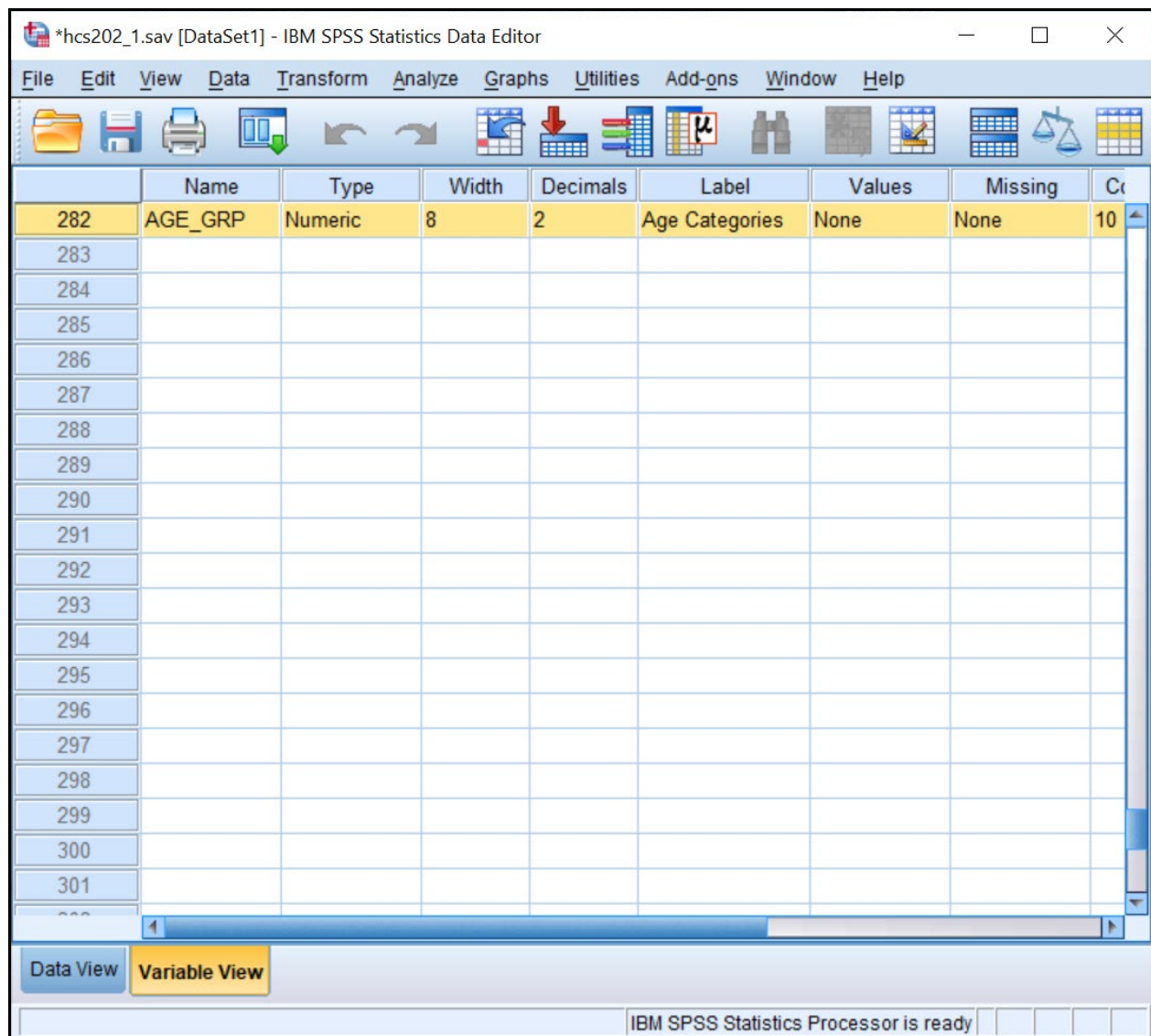
Click on Continue and return to the previous screen.



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.

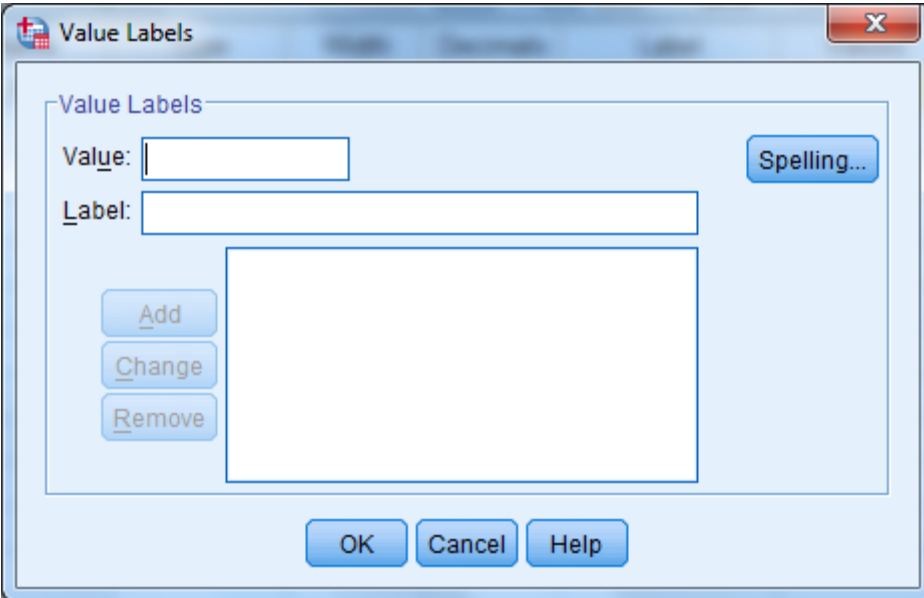
The final task is to create the value labels for the new variable **age_grp**. Labeling variables makes output from statistical reporting procedures much clearer and more elegant.

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:



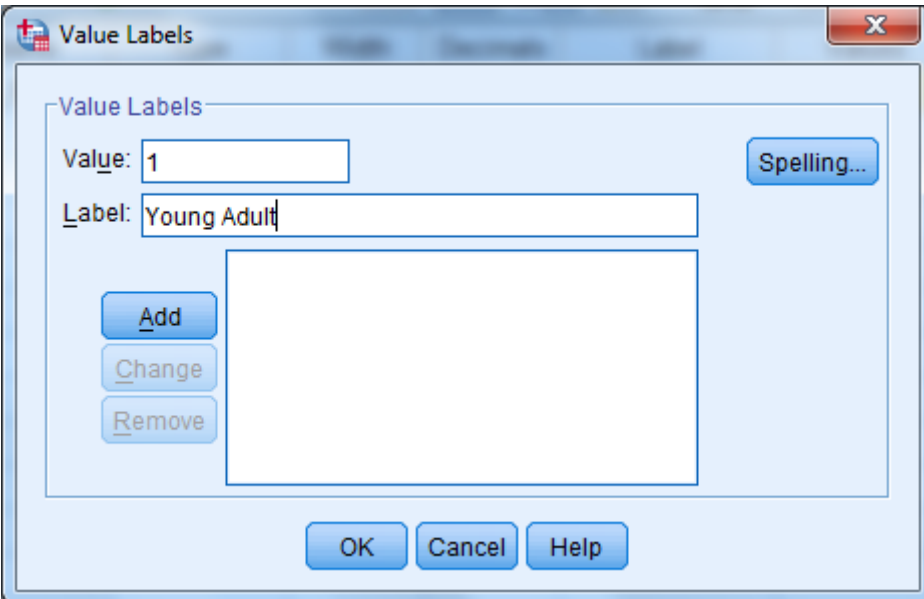
The variable **age_grp** is shown with its attributes.

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



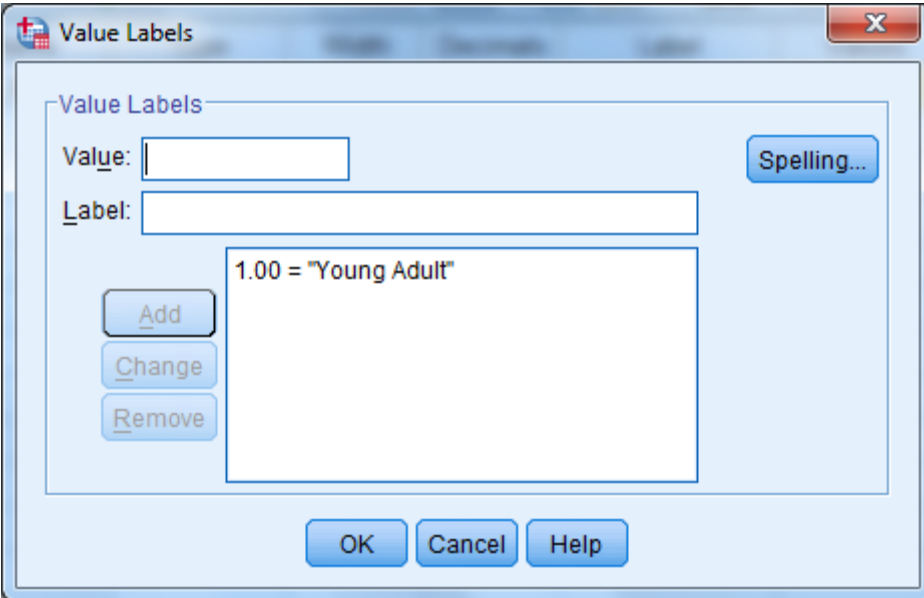
The image shows a Windows-style dialog box titled "Value Labels". It has a standard title bar with a red close button (X). The dialog is divided into a main content area and a footer area. The main area contains a "Value Labels" section with two input fields: "Value:" and "Label:". To the right of these fields is a "Spelling..." button. Below the input fields are three buttons: "Add", "Change", and "Remove". To the right of these buttons is a large, empty rectangular box. The footer area contains 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:



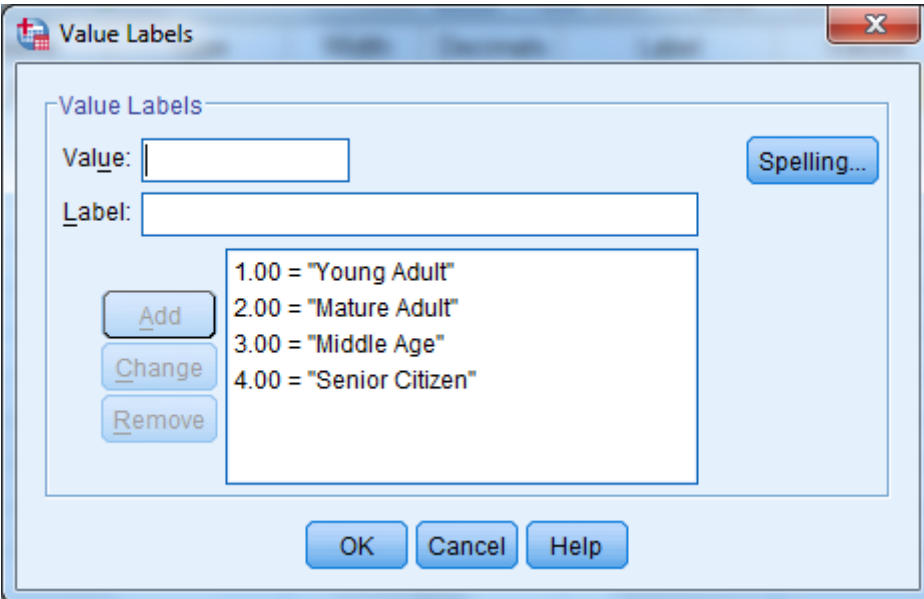
The image shows the same "Value Labels" dialog box as before, but now with data entered. The "Value:" field contains the number "1". The "Label:" field contains the text "Young Adult". The "Add" button is now highlighted with a blue background, indicating it is the active or default button. The "Spelling..." button, "Change" button, "Remove" button, and the large empty box remain in the same positions. The footer area with "OK", "Cancel", and "Help" buttons is also present.

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.



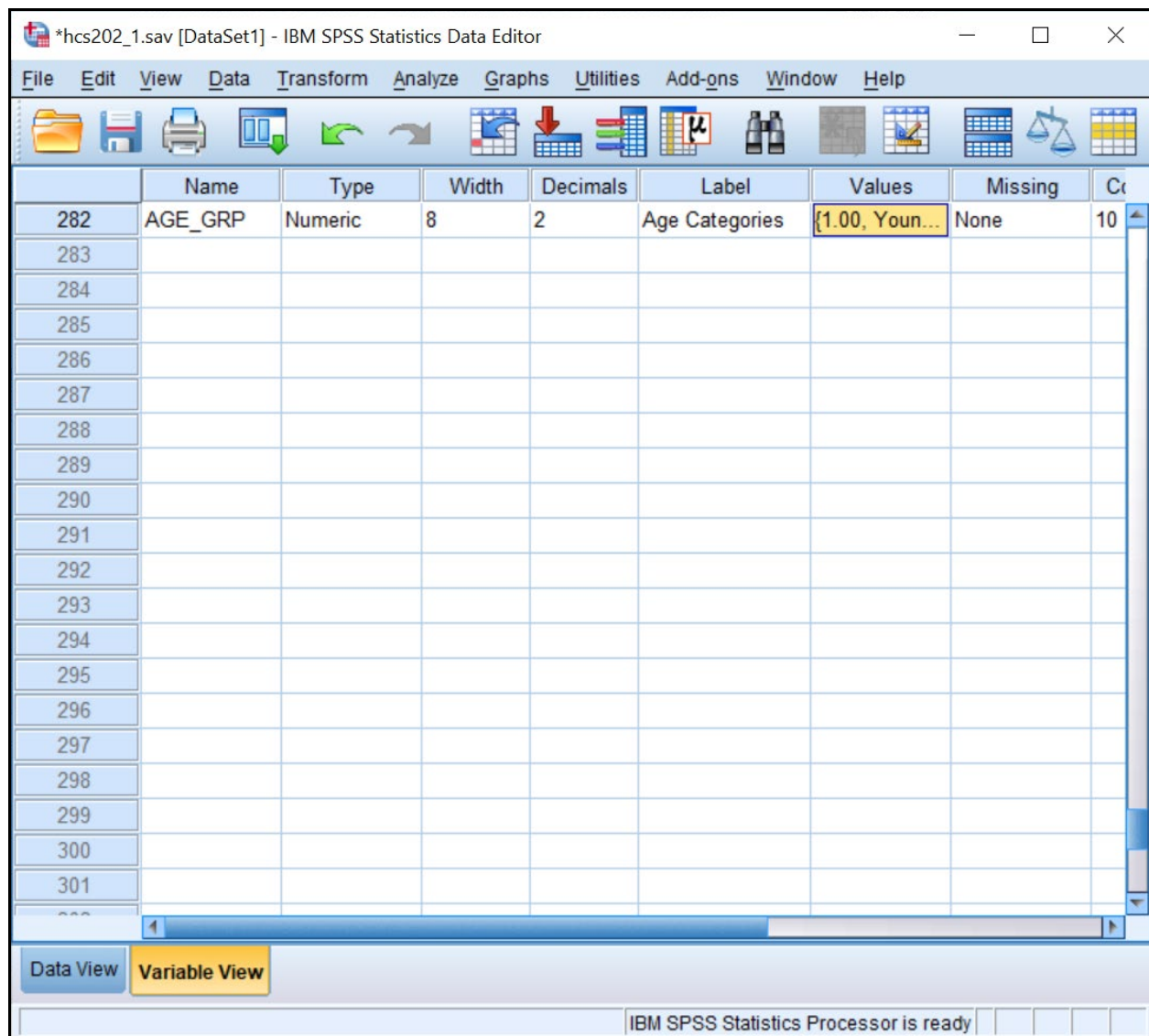
The "Value Labels" dialog box is shown. It has a title bar with a red close button. Inside, there's a "Value Labels" section with a "Value:" input field and a "Label:" input field. To the right of these fields is a "Spelling..." button. Below the input fields are three buttons: "Add", "Change", and "Remove". A list box on the right contains one entry: "1.00 = 'Young Adult'". At the bottom are "OK", "Cancel", and "Help" buttons.

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'". All other elements are the same as in the previous screenshot.

Click on **OK** and the screen will appear as follows:



Click on the **Data View** tab to return to the data screen.

Limiting the Number of Variables

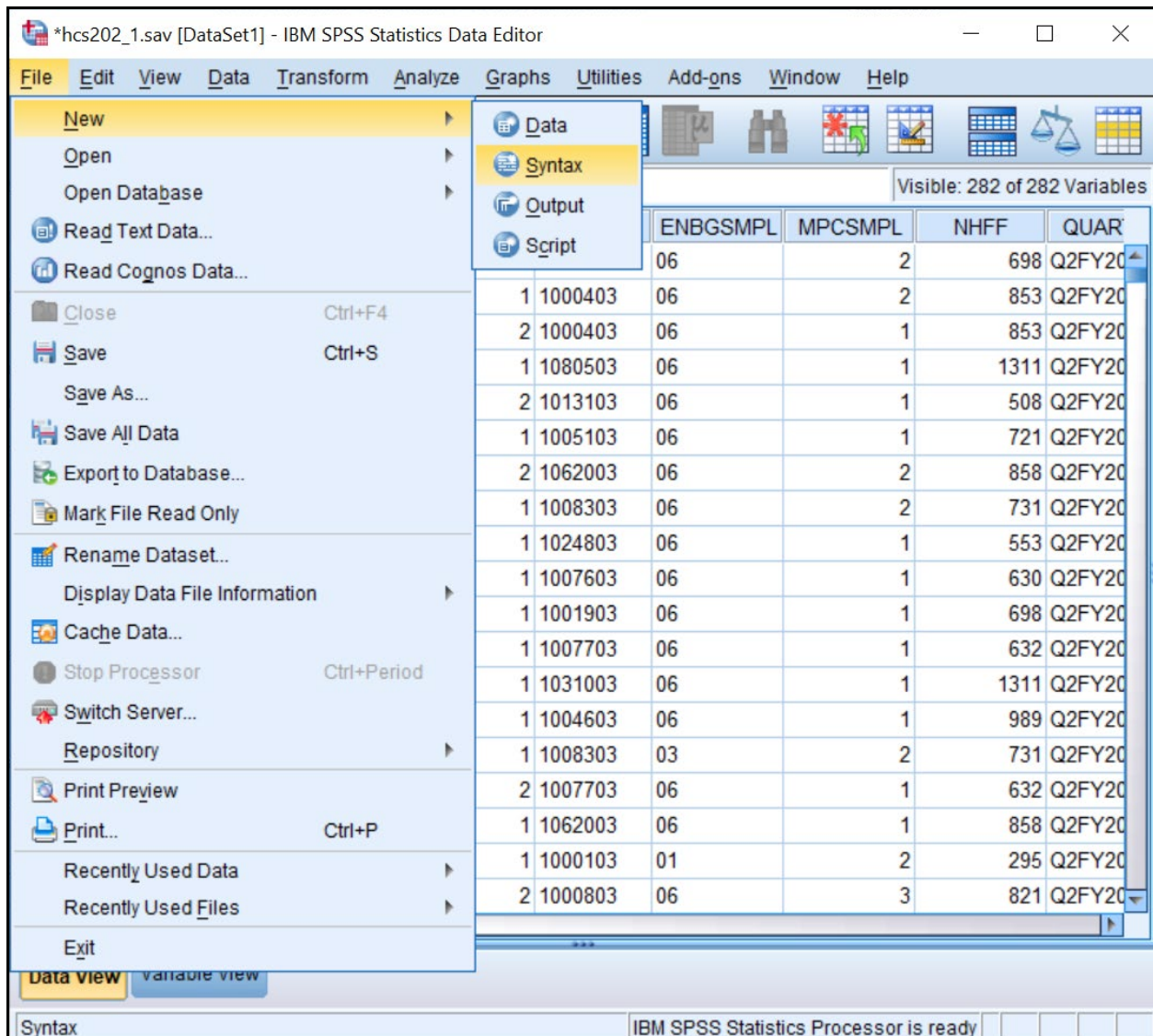
The HCSDB dataset contains many variables. To speed up software performance time, it may be desirable to limit the number of variables for analysis. There are several ways to do this.

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

For example, suppose you want to run some procedures to evaluate respondent's weight as it relates to their state of health. You are also interested in people that have smoked at least 100 cigarettes in their lifetime, and in differences within these groupings by gender. Moreover, you want to look at

regional differences and differences among branches of service by beneficiary group and enrollment. You can do all the work on a subset of only nine variables, saving them in a separate file.

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

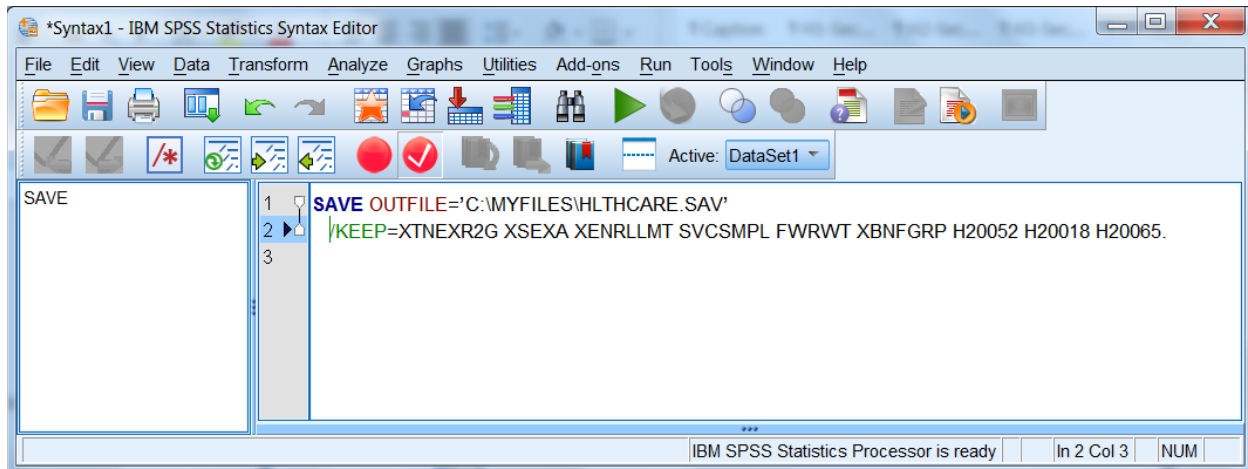


A blank syntax window will open.

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

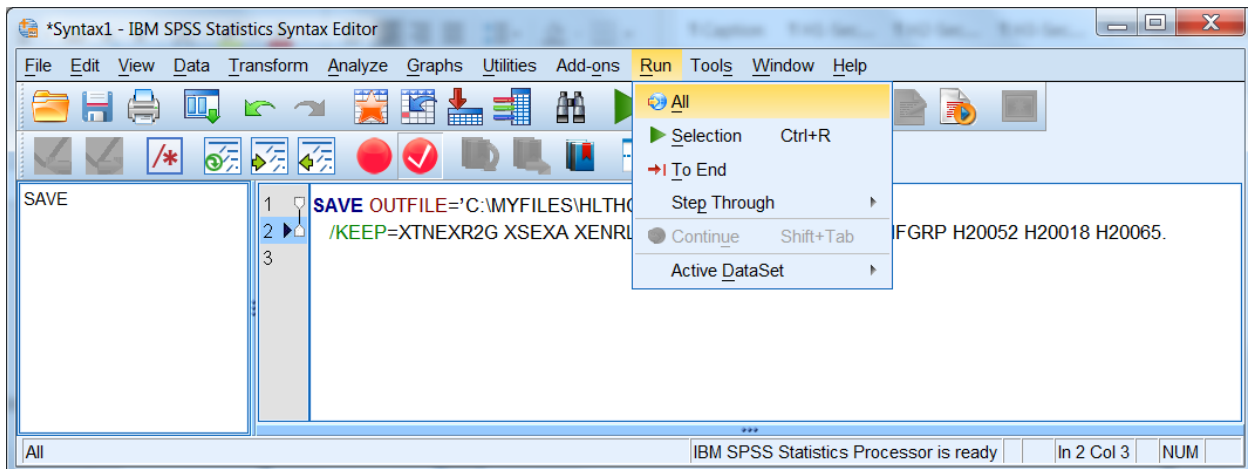
**SAVE OUTFILE='C:\MYFILES\HLTHCARE.SAV'/KEEP=XTNEXR2G XSEXAXENRLLMT
SVCSMPL FWRWT XBNFGRP H20052 H20018 H20065.**

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:

*hcs202_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

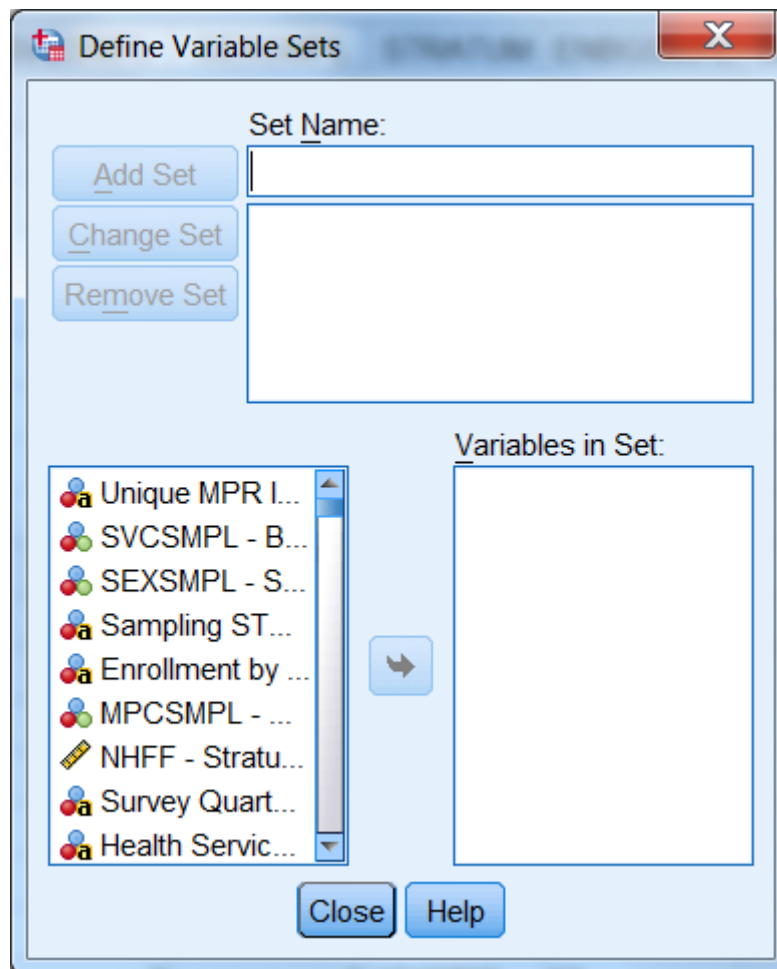
Visible: 282 of 282 Variables

| | MPRID | SVCSMPL | SEXSMPL | ST | NHFF | QUAR |
|----|----------|---------|---------|---------|------|--------|
| 1 | 00000272 | 4 | 2 | 100 | 698 | Q2FY20 |
| 2 | 00000331 | 4 | 1 | 100 | 853 | Q2FY20 |
| 3 | 00000419 | 4 | 2 | 100 | 853 | Q2FY20 |
| 4 | 00000811 | 4 | 1 | 100 | 1311 | Q2FY20 |
| 5 | 00001385 | 1 | 2 | 100 | 508 | Q2FY20 |
| 6 | 00004363 | 4 | 1 | 100 | 721 | Q2FY20 |
| 7 | 00005274 | 1 | 2 | 100 | 858 | Q2FY20 |
| 8 | 00006962 | 4 | 1 | 100 | 731 | Q2FY20 |
| 9 | 00010012 | 4 | 1 | 100 | 553 | Q2FY20 |
| 10 | 00011855 | 4 | 1 | 100 | 630 | Q2FY20 |
| 11 | 00012052 | 4 | 1 | 100 | 698 | Q2FY20 |
| 12 | 00012589 | 4 | 1 | 100 | 632 | Q2FY20 |
| 13 | 00014068 | 1 | 1 | 100 | 1311 | Q2FY20 |
| 14 | 00015355 | 1 | 1 | 1004603 | 989 | Q2FY20 |
| 15 | 00016136 | 4 | 1 | 1008303 | 731 | Q2FY20 |
| 16 | 00016982 | 4 | 2 | 1007703 | 632 | Q2FY20 |
| 17 | 00019096 | 2 | 1 | 1062003 | 858 | Q2FY20 |
| 18 | 00021838 | 1 | 1 | 1000103 | 295 | Q2FY20 |
| 19 | 00021895 | 1 | 2 | 1000803 | 821 | Q2FY20 |

Data View Variable View

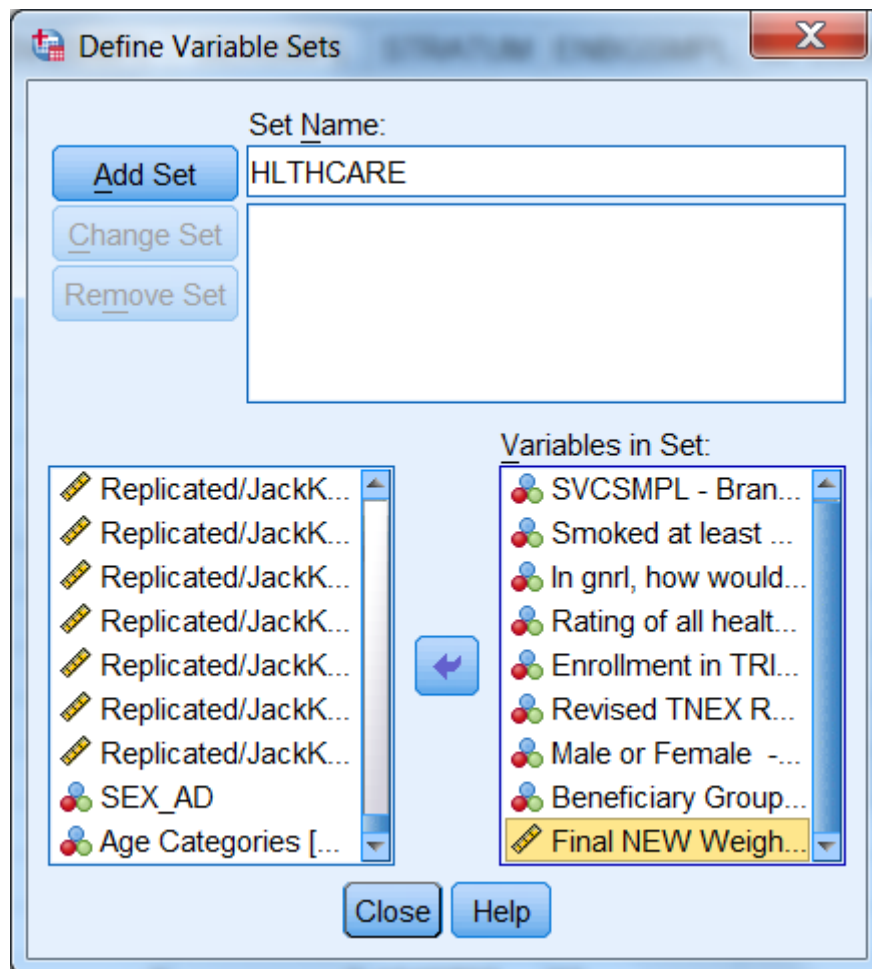
Define Variable Sets... IBM SPSS Statistics Processor is ready

Select Define Variable Sets.

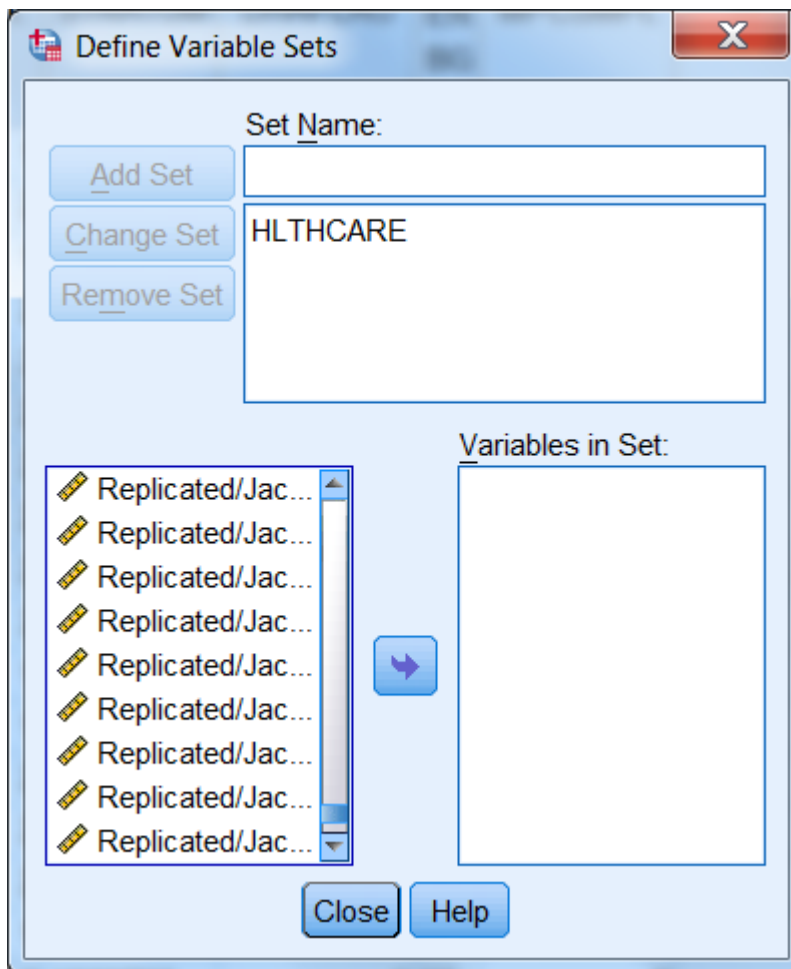


Insert a name for the subset of variables in the slot labeled **SetName**. Move the variables you want to subset from the list on the left to the slot marked **Variables in Set**. By way of illustration, we will move the nine variables selected for the day's processing.

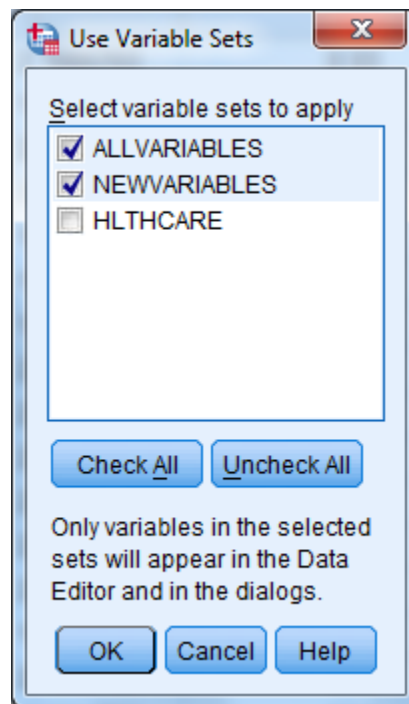
The screen should look like the following:



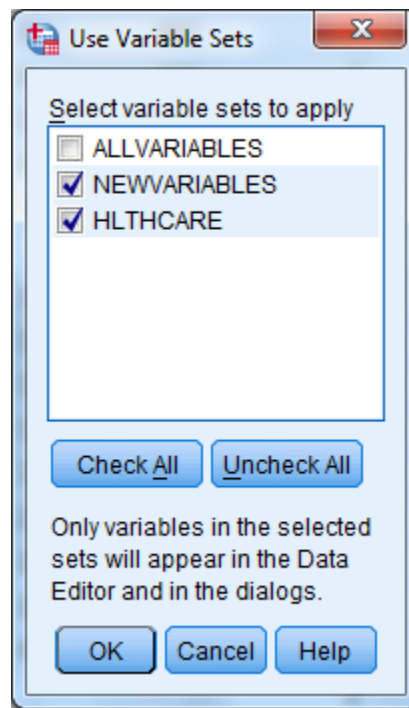
Click on **Add Set** to save the set specifications. The screen will change to the following:



The set is now available for use. To use the set, **Close** the dialog box, reopen the **Utilities** menu, choose **Use Variable Sets...**, and receive this screen:



Click the checkbox next to HLTHCARE and unclick the checkbox next to ALLVARIABLES. Leave NEWVARIABLES as is. **OK** saves this change.



Until you change this specification, only nine original variables and any new variables will appear in the dialog boxes associated with procedures.

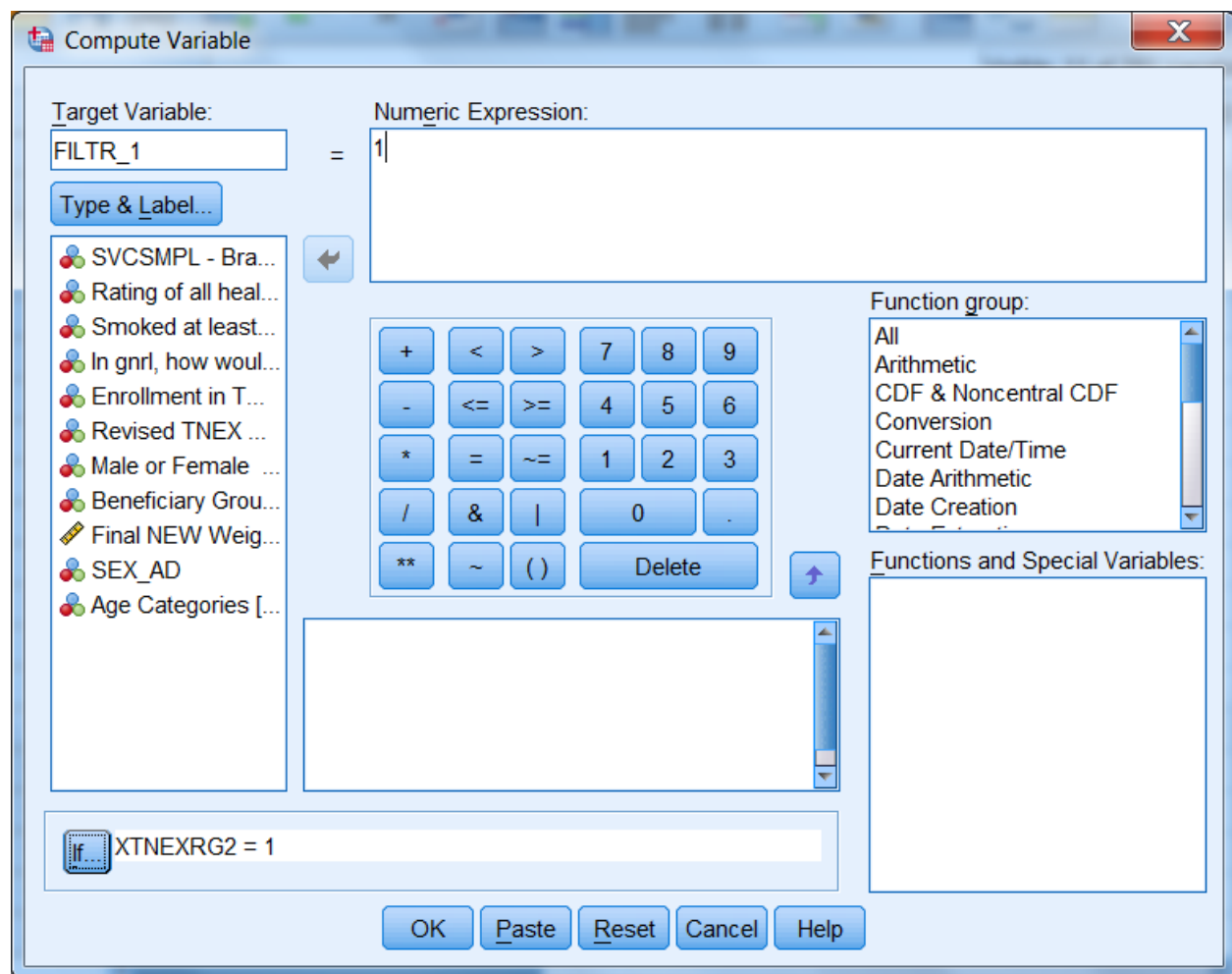
Limiting the Number of Observations

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

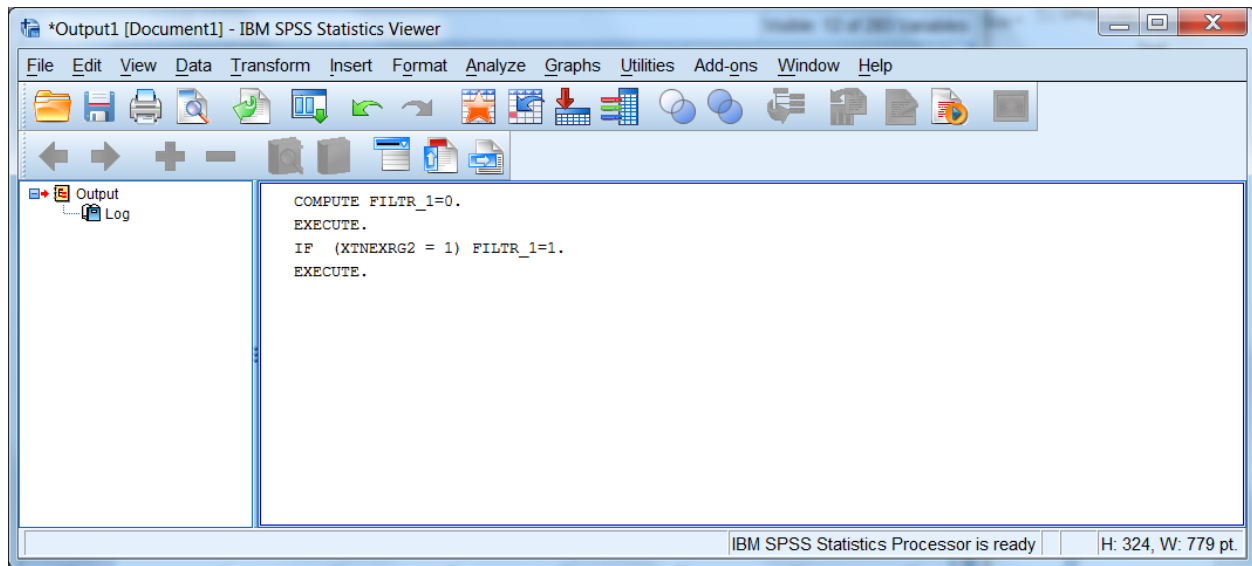
The first task is to **compute** a filter variable for all the cases in the file. A filter variable has two values: **0** and **1**. The **1** indicates that the case will be included for procedures. The **0** flags the case for removal.

For example, suppose you want to produce a table for people who live in the East, i.e., cases for which the variable **xtnexrg2 = 1**. You would build a filter variable named **filtr_1**, which has the value **1** associated with the cases in the East and 0 for all the other cases in the file. The logic is: if **xtnexrg2 = 1**, then **filtr_1 = 1**, else **filtr_1 = 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.

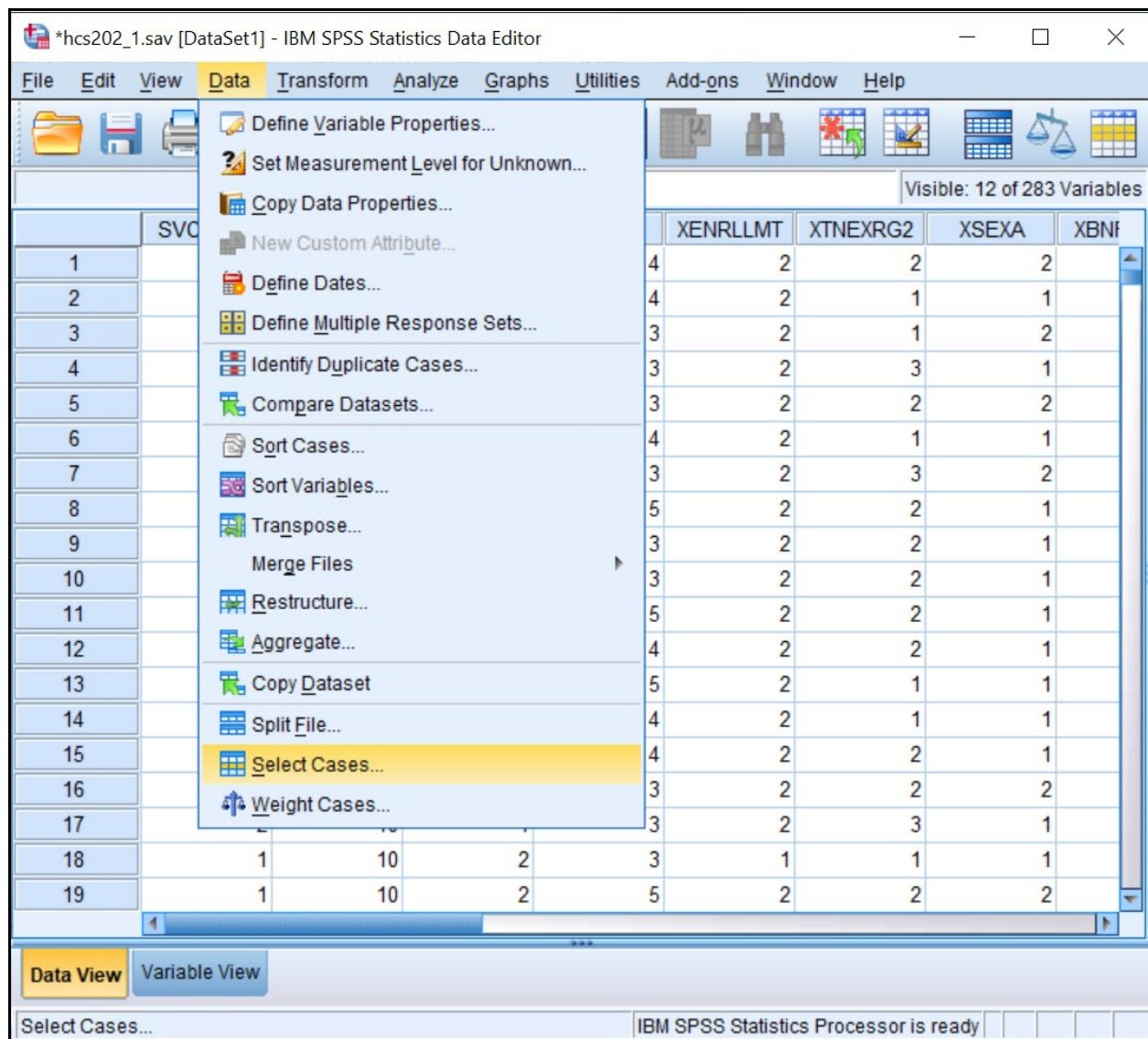


The screen that follows shows the syntax that was generated as you built the variable filtr_1.



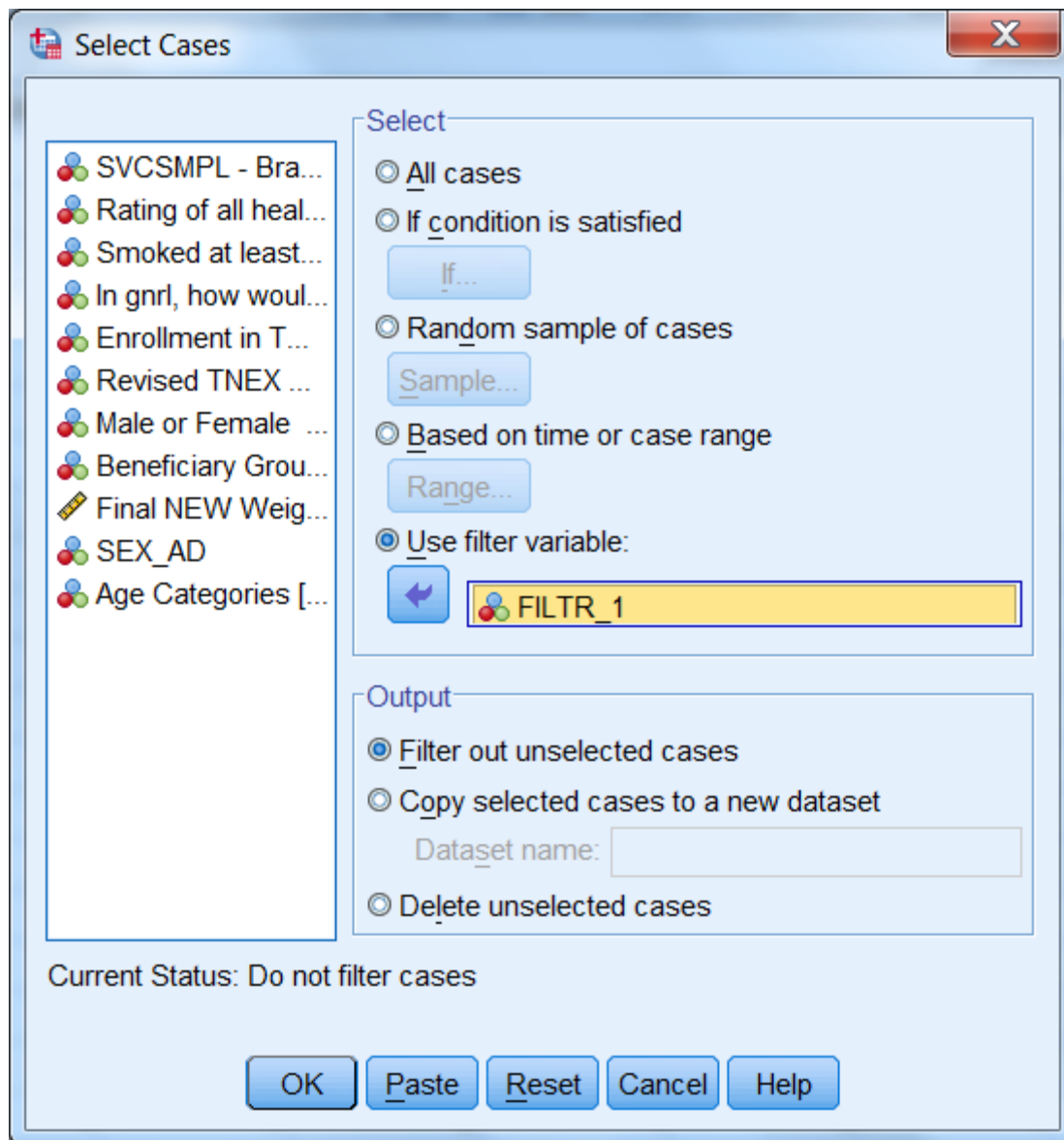
Once you build the filter variable, you can apply it for analyzing only those people from the East.

Using the **Data** menu, choose **Select Cases**.



In the dialog box, check **Use filter variable**. Move the variable **filtr_1** 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.

*hcs202_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

Visible: 12 of 283 Variables

| | SVCSMPL | H20018 | H20052 | H20065 | XENRLLMT | XTNEXRG2 | XSEXA | XBNF |
|----|---------|--------|--------|--------|----------|----------|-------|------|
| 1 | 4 | 7 | 2 | 4 | 2 | 2 | 2 | |
| 2 | 4 | 9 | 2 | 4 | 2 | 1 | 1 | |
| 3 | 4 | 5 | 1 | 3 | 2 | 1 | 2 | |
| 4 | 4 | 9 | 1 | 3 | 2 | 3 | 1 | |
| 5 | 1 | . | 1 | 3 | 2 | 2 | 2 | |
| 6 | 4 | 9 | 1 | 4 | 2 | 1 | 1 | |
| 7 | 1 | 10 | 1 | 3 | 2 | 3 | 2 | |
| 8 | 4 | 10 | 2 | 5 | 2 | 2 | 1 | |
| 9 | 4 | 8 | 2 | 3 | 2 | 2 | 1 | |
| 10 | 4 | 10 | 2 | 3 | 2 | 2 | 1 | |
| 11 | 4 | 8 | 2 | 5 | 2 | 2 | 1 | |
| 12 | 4 | 8 | 1 | 4 | 2 | 2 | 1 | |
| 13 | 1 | 10 | 2 | 5 | 2 | 1 | 1 | |
| 14 | 1 | 9 | 2 | 4 | 2 | 1 | 1 | |
| 15 | 4 | 6 | 2 | 4 | 2 | 2 | 1 | |
| 16 | 4 | . | 2 | 3 | 2 | 2 | 2 | |
| 17 | 2 | 10 | 1 | 3 | 2 | 3 | 1 | |
| 18 | 1 | 10 | 2 | 3 | 1 | 1 | 1 | |
| 19 | 1 | 10 | 2 | 5 | 2 | 2 | 2 | |

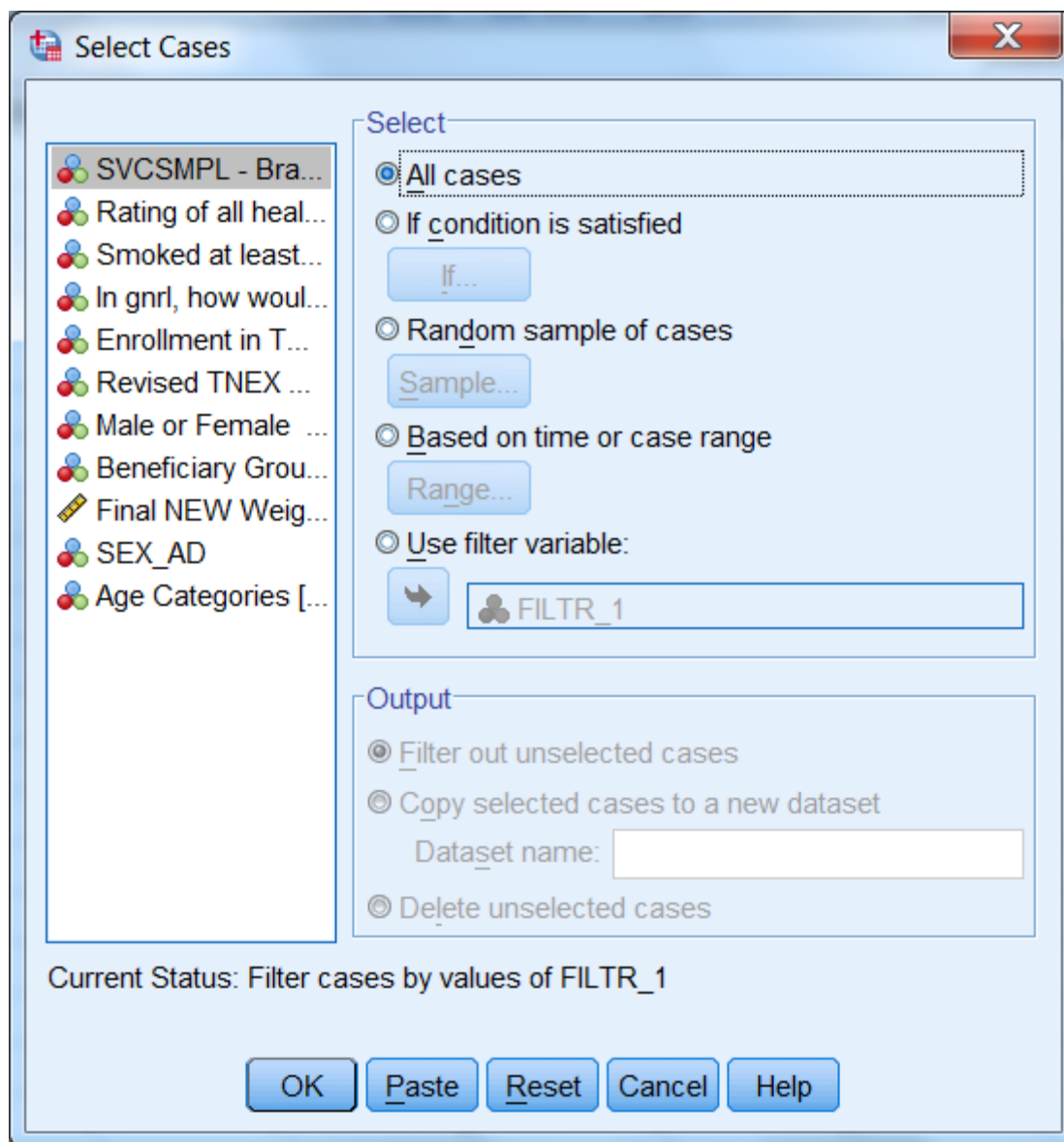
Data View Variable View

IBM SPSS Statistics Processor is ready Filter On

You can now produce tables for the subset of cases.

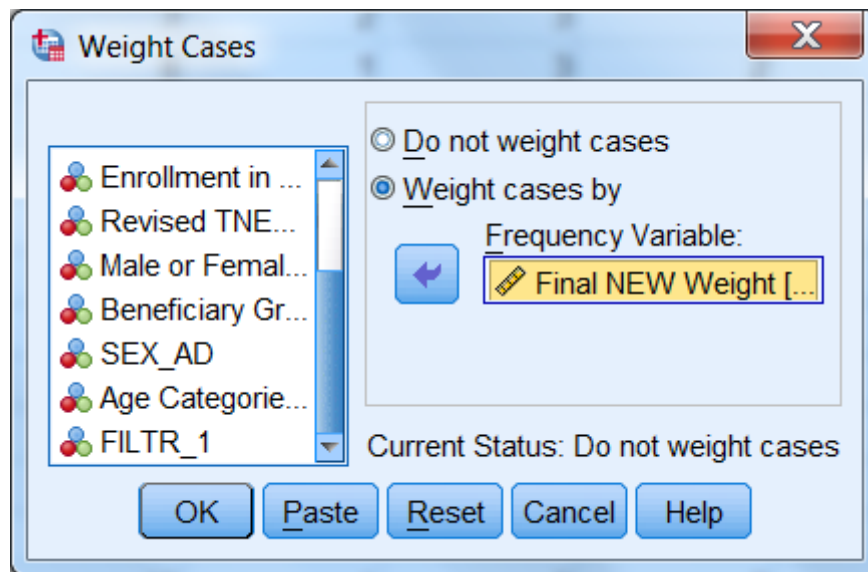
When using filter variables, it is important to check the filter status and to adjust it to fit the present need. Filtered cases are not available for procedures. Moreover, a filter is in effect until it is turned off or until another filter is activated. Check the status line at the bottom of the **Data 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 283 Variables

| | SVCSMPL | H20018 | H20052 | H20065 | XENRLMT | XTNEGR2 | XSEX | XBNF |
|----|---------|--------|--------|--------|---------|---------|------|------|
| 1 | 4 | 7 | 2 | 4 | 2 | 2 | 2 | |
| 2 | 4 | 9 | 2 | 4 | 2 | 1 | 1 | |
| 3 | 4 | 5 | 1 | 3 | 2 | 1 | 2 | |
| 4 | 4 | 9 | 1 | 3 | 2 | 3 | 1 | |
| 5 | 1 | . | 1 | 3 | 2 | 2 | 2 | |
| 6 | 4 | 9 | 1 | 4 | 2 | 1 | 1 | |
| 7 | 1 | 10 | 1 | 3 | 2 | 3 | 2 | |
| 8 | 4 | 10 | 2 | 5 | 2 | 2 | 1 | |
| 9 | 4 | 8 | 2 | 3 | 2 | 2 | 1 | |
| 10 | 4 | 10 | 2 | 3 | 2 | 2 | 1 | |
| 11 | 4 | 8 | 2 | 5 | 2 | 2 | 1 | |
| 12 | 4 | 8 | 1 | 4 | 2 | 2 | 1 | |
| 13 | 1 | 10 | 2 | 5 | 2 | 1 | 1 | |
| 14 | 1 | 9 | 2 | 4 | 2 | 1 | 1 | |
| 15 | 4 | 6 | 2 | 4 | 2 | 2 | 1 | |
| 16 | 4 | . | 2 | 3 | 2 | 2 | 2 | |
| 17 | 2 | 10 | 1 | 3 | 2 | 3 | 1 | |
| 18 | 1 | 10 | 2 | 3 | 1 | 1 | 1 | |
| 19 | 1 | 10 | 2 | 5 | 2 | 2 | 2 | |

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 H20052, H20018, H20065, svcsmpl, xbnfgrp, xsexa, xtnegr2, xenrlmt, FWRWT, and filtr_1. 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

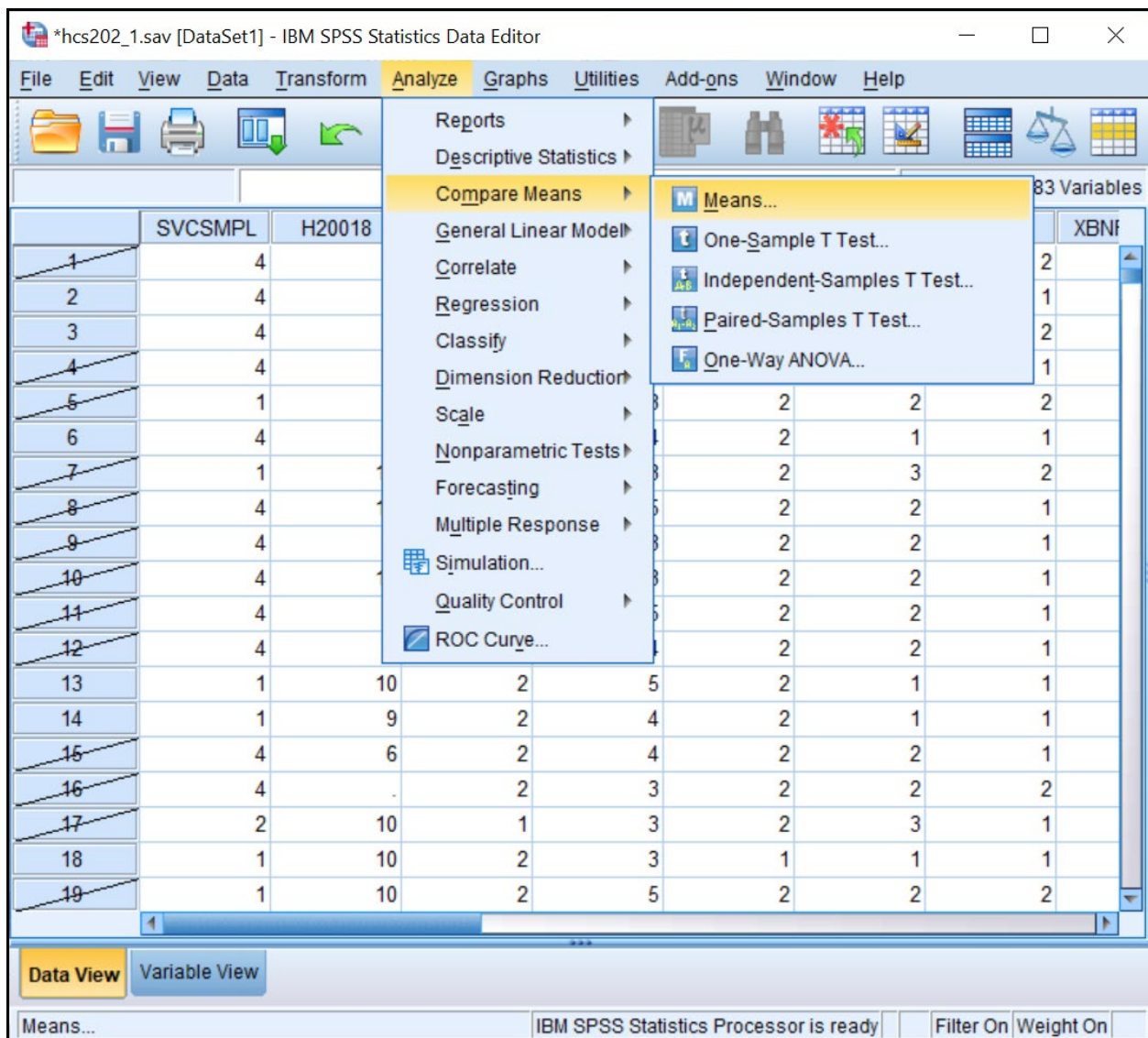
As an example, suppose you want to analyze the health care variables and you want to focus on the West (**xtnegr2 = 1**). Suppose you are also interested in how the respondent's weight relates to his self-evaluation of his health for the East region. Within this grouping, you want to examine the effects of the beneficiary group, **xbnfgrp**, and sex, **xsexa**.

The health care variables are **H20018** (health care rating), and **H20065** (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.

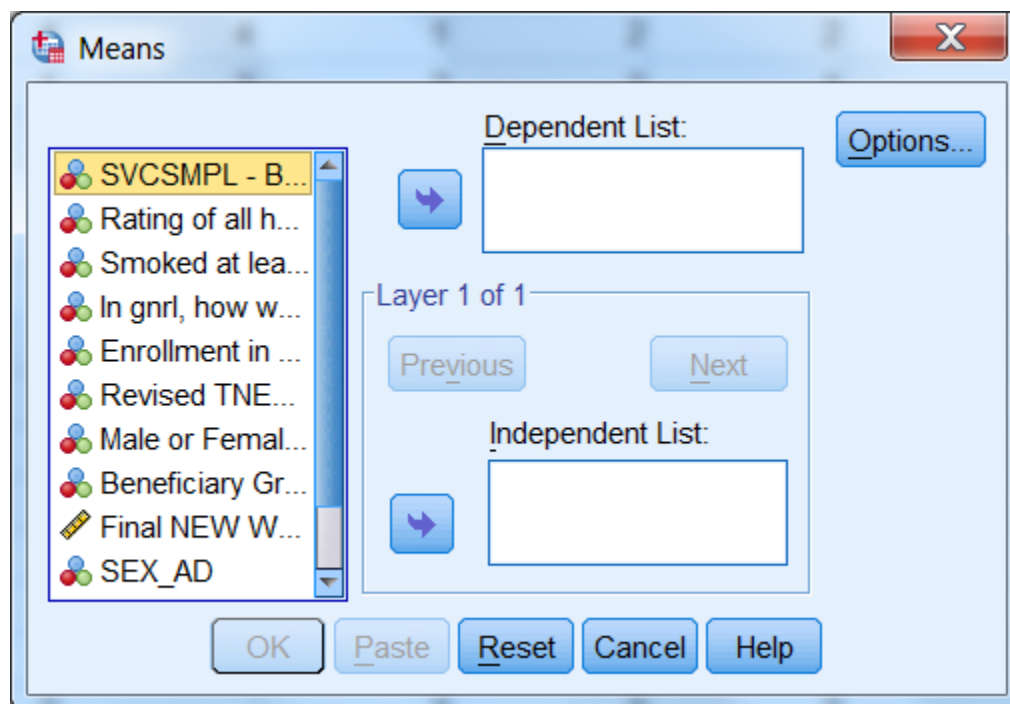
For this analysis, you can use the subset of variables defined above. The subset includes the weight variable, **FWRWT**, which you would activate for procedure runs. The subset also includes the new variable, **filtr_1**, which allows us to select only those cases in the East.

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_1**. On the status line, **Filter On** and **Weight On** should appear.

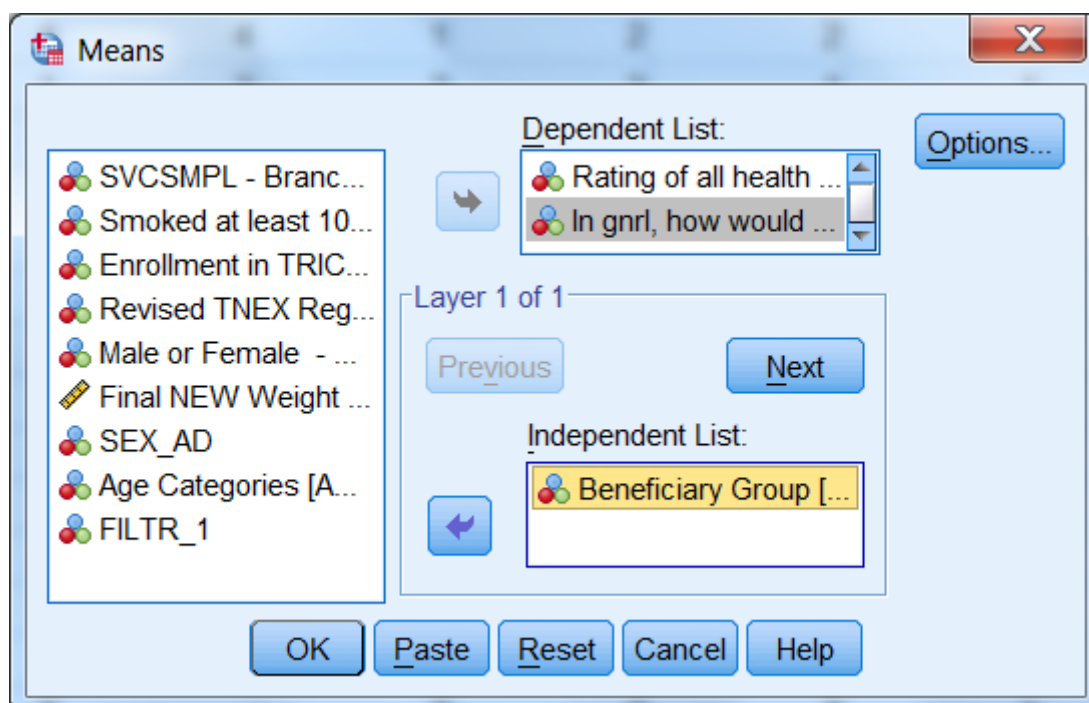
Open the **Analyze** menu in the **Data Window**. Choose **Compare Means** and **Means** from the options as illustrated below.



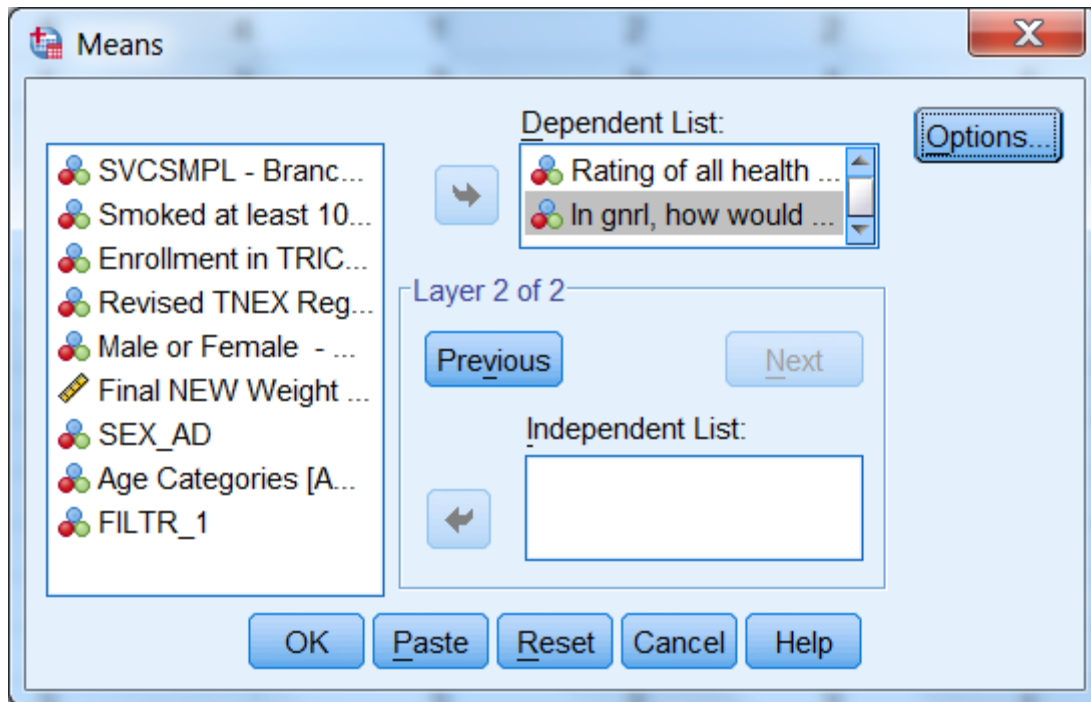
The dialog box for the Means procedure will open as in the following screen:



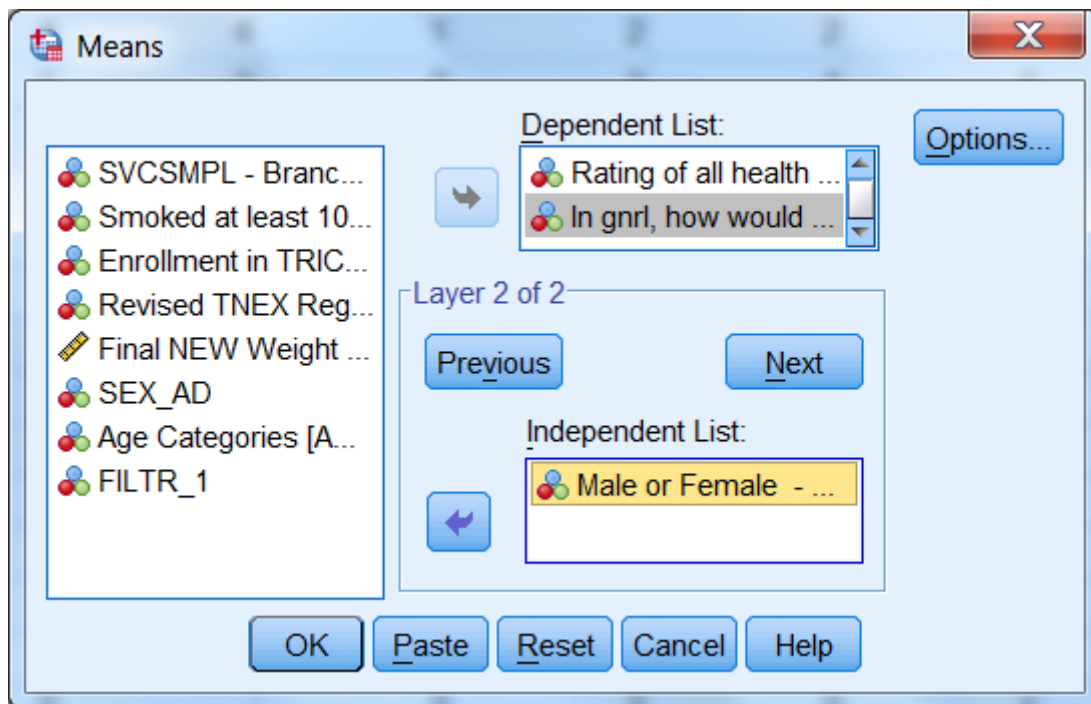
Move the variables **H20018** and **H20065** from the variable list on the left to the box underneath **Dependent List**. These are the two analysis variables. Notice that **Layer 1 of 1** is specified in the middle of the dialog box. Move **XBNFGRP** from the variable list on the left into the box under **Independent List**. **XBNFGRP** is the first grouping variable. The screen should look like the following:



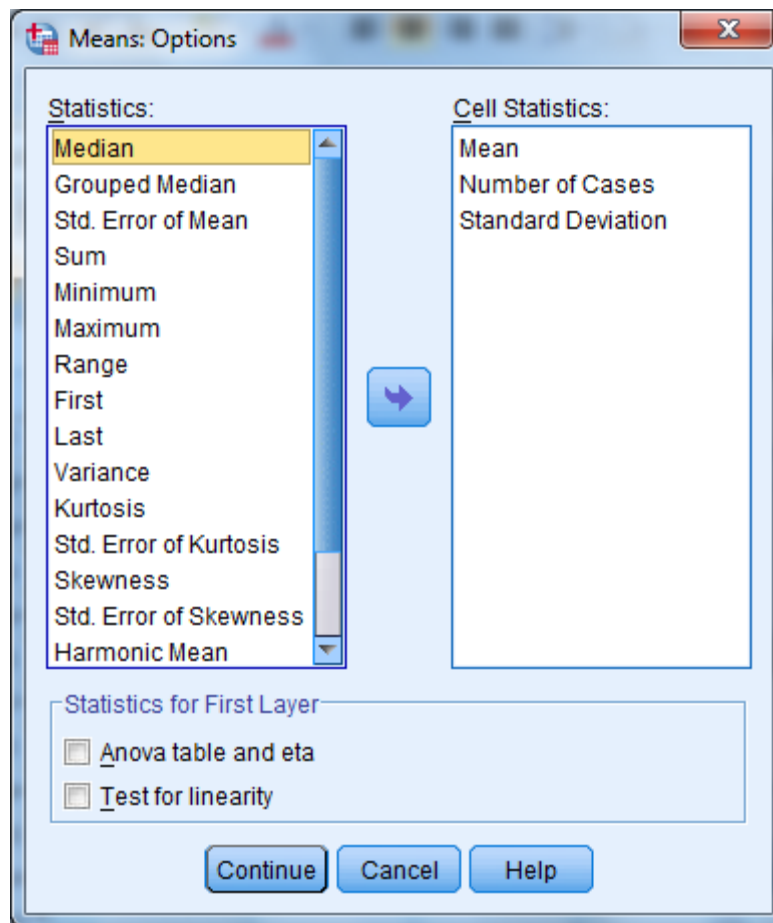
Click on **Next** in the center of the box to create a second layer. The following screen will open:



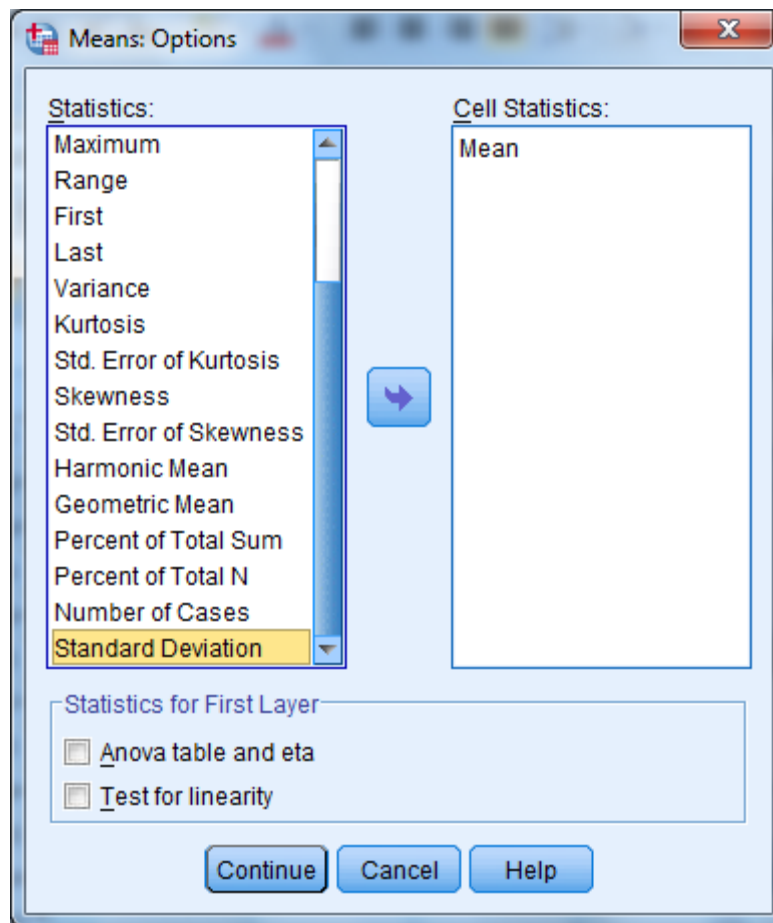
Notice that **Layer 2 of 2** is specified in the middle of the dialog box. Move **xsexa** from the variable list on the left into the box under **Independent List**. **Xsexa** is the second grouping variable. The screen should look like the following:



To set some options, click on **Options** and the following dialog box will open:



On the left of the box is a list of statistics, under **Statistics**. These are all the possible options for statistical output. In the box under **Cell Statistics** are the default output statistics for the analysis. In this case, **Mean** is the statistic of interest. Highlight **Number of Cases** and **Standard Deviation** and move them to the box at the left, removing them from the analysis, as follows:



Click on **Continue** and return to the previous screen. Click **OK**. The **Means** procedure will run. On the status line, **Running Means** will appear, and a counter for the number of cases processed will be activated.

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

The screenshot shows the IBM SPSS Statistics Viewer interface. The left pane contains a tree view with the following structure:

- Output
 - Log
 - Means (selected)
 - Title
 - Notes
 - Case Processing Summary
 - Report

The right pane displays the 'Means' output. It includes a 'Case Processing Summary' table and a 'Report' table.

Case Processing Summary

| | Cases | | | | | |
|---|----------|---------|----------|---------|---------|---------|
| | Included | | Excluded | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Rating of all health care in 1st yr * Beneficiary Group * Male or Female - R | 4559213 | 91.4% | 427402 | 8.6% | 4986616 | 100.0% |
| In gnrl, how would you rate overall hith * Beneficiary Group * Male or Female - R | 4688327 | 94.0% | 298289 | 6.0% | 4986616 | 100.0% |

Report

Mean

| Beneficiary Group | Male or Female - R | Rating of all health care in 1st yr | In gnrl, how would you rate overall hith |
|----------------------|--------------------|-------------------------------------|--|
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |

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.

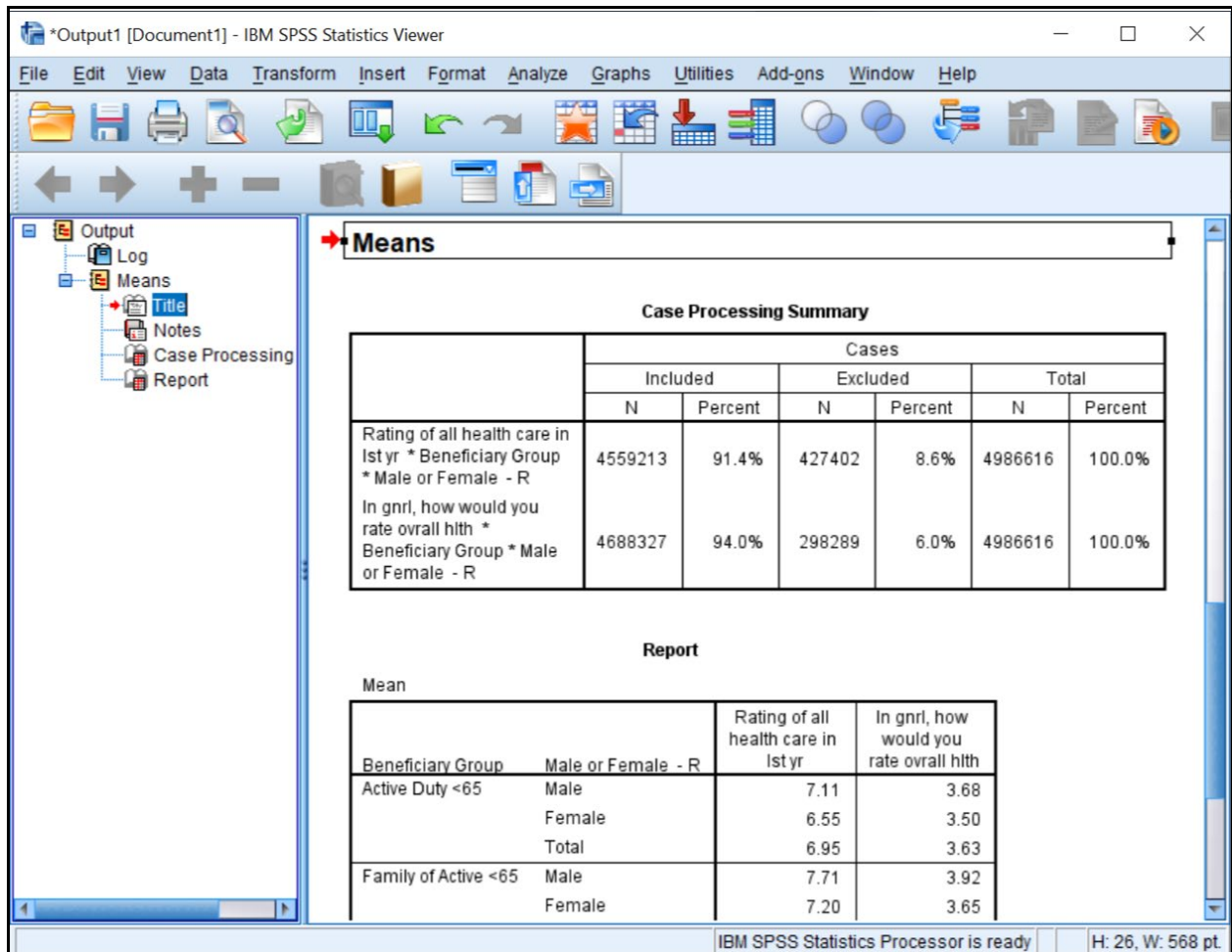
It is possible to select elements in the right pane of the output. Simply click anywhere inside of the actual output element, and that element will be selected.

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.



Case Processing Summary

| | Cases | | | | | |
|---|----------|---------|----------|---------|---------|---------|
| | Included | | Excluded | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Rating of all health care in 1st yr * Beneficiary Group * Male or Female - R | 4559213 | 91.4% | 427402 | 8.6% | 4986616 | 100.0% |
| In gnrl, how would you rate overall hith * Beneficiary Group * Male or Female - R | 4688327 | 94.0% | 298289 | 6.0% | 4986616 | 100.0% |

Report

Mean

| Beneficiary Group | Male or Female - R | Rating of all health care in 1st yr | In gnrl, how would you rate overall hith |
|----------------------|--------------------|-------------------------------------|--|
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |

IBM SPSS Statistics Processor is ready | H: 26, W: 568 pt.

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.

IBM SPSS Statistics Viewer

File Edit View Insert Format Analyze Graphs Utilities Window Help

SansSerif 13.5 B I U

Output Log Means Title Notes Case Processing Report

Mean of Respondent's Health Care Rating w/Health Assessment

Case Processing Summary

| | Cases | | | | | |
|---|----------|---------|----------|---------|---------|---------|
| | Included | | Excluded | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Rating of all health care in 1st yr * Beneficiary Group * Male or Female - R | 4559213 | 91.4% | 427402 | 8.6% | 4986616 | 100.0% |
| In gnrl, how would you rate overall hlth * Beneficiary Group * Male or Female - R | 4688327 | 94.0% | 298289 | 6.0% | 4986616 | 100.0% |

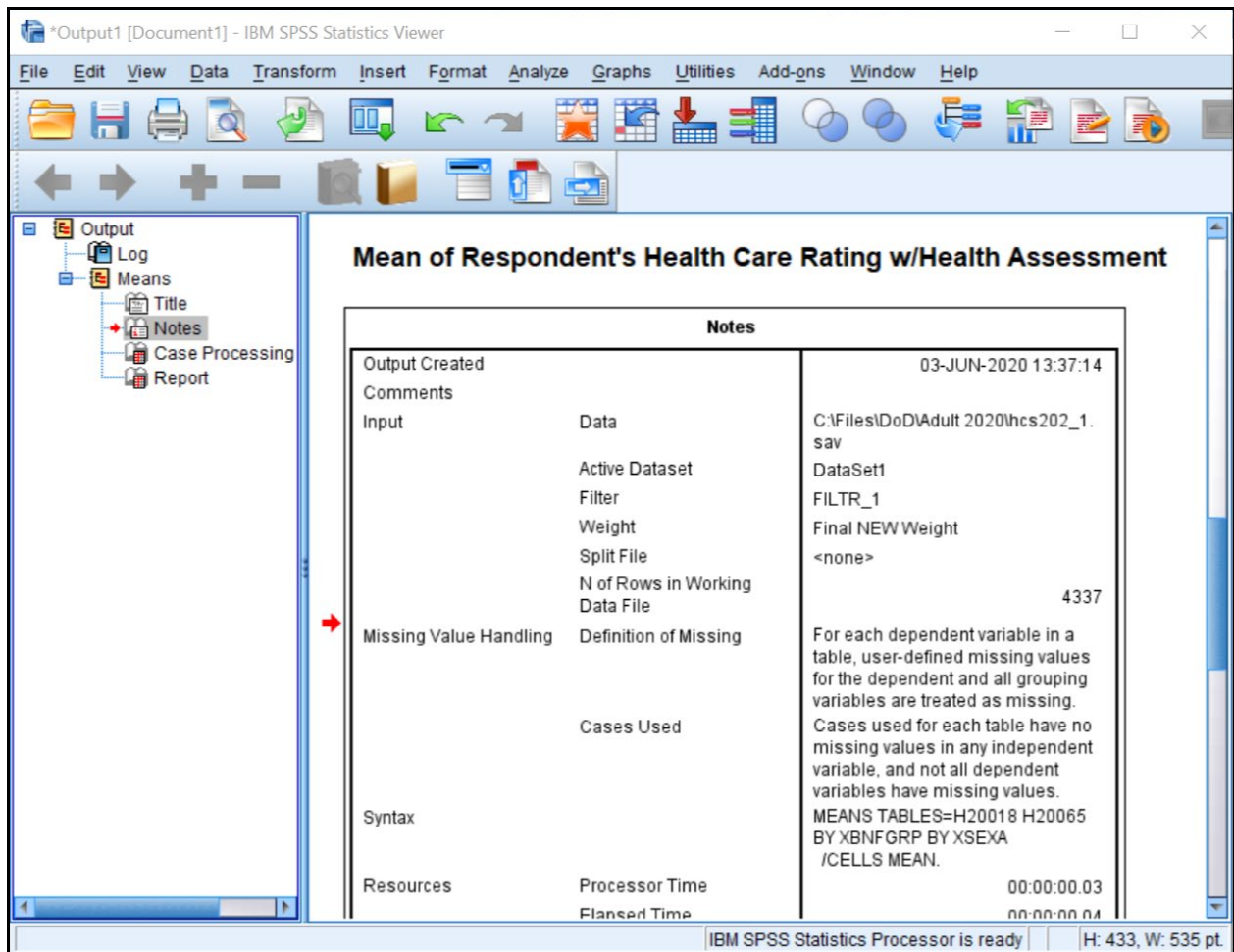
Report

Mean

| Beneficiary Group | Male or Female - R | Rating of all health care in 1st yr | In gnrl, how would you rate overall hlth |
|----------------------|--------------------|-------------------------------------|--|
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |
| | Total | 7.24 | 3.68 |
| Ret/Surv/Fam <65 | Male | 8.63 | 3.42 |
| | Female | 8.30 | 3.52 |

IBM SPSS Statistics Processor is ready | H: 26, W: 568 pt.

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:

The screenshot shows the IBM SPSS Statistics Viewer interface. The main window displays a report titled "Mean of Respondent's Health Care Rating w/Health Assessment". The report is a table with the following data:

| Report | | | |
|----------------------|--------------------|-------------------------------------|--|
| Mean | | Rating of all health care in 1st yr | In gnrl, how would you rate overall hith |
| Beneficiary Group | Male or Female - R | | |
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | | |
| | Total | | |
| Ret/Surv/Fam <65 | Male | | |
| | Female | | |
| | Total | | |
| Ret/Surv/Fam 65+ | Male | | |
| | Female | | |
| | Total | | |
| Total | Male | 8.10 | 3.56 |
| | Female | 8.26 | 3.57 |
| | Total | | |

A context menu is open over the table, showing options: Cut, Copy, Copy Special..., Paste After, Create/Edit Autoscript..., Export..., and Edit Content (which is highlighted). The status bar at the bottom indicates "IBM SPSS Statistics Processor is ready" and "H: 405, W: 453 pt."

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

Mean of Respondent's Health Care Rating w/Health Assessment

Report

| Mean | | Rating of all health care in 1st yr | In gnrl, how would you rate ovrl hlt |
|----------------------|--------------------|-------------------------------------|--------------------------------------|
| Beneficiary Group | Male or Female - R | | |
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |
| | Total | | 3.68 |
| Ret/Surv/Fam <65 | Male | | 3.42 |
| | Female | | 3.52 |
| | Total | | 3.48 |
| Ret/Surv/Fam 65+ | Male | | 3.63 |
| | Female | | 3.57 |
| | Total | | 3.61 |
| Total | Male | | |
| | Female | | |
| | Total | 8.26 | |

IBM SPSS Statistics Processor is ready | H: 405, W: 453 pt.

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

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

Report

Statistics Mean

| Beneficiary Group | Male or Female - R | Rating of all health care in 1st yr | In gnrl, how would you rate overall hlth |
|----------------------|--------------------|-------------------------------------|--|
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |
| | Total | 7.24 | 3.68 |
| Ret/Surv/Fam <65 | Male | 8.63 | 3.42 |
| | Female | 8.30 | 3.52 |
| | Total | 8.44 | 3.48 |
| Ret/Surv/Fam 65+ | Male | 9.12 | 3.63 |
| | Female | 8.99 | 3.57 |
| | Total | 9.07 | 3.61 |
| Total | Male | 8.42 | 3.59 |
| | Female | 8.10 | 3.56 |
| | Total | 8.26 | 3.57 |

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 Layers...

Statistics Mean

| Beneficiary Group | Male or Female - R | health care in 1st yr | how would you rate overall hlth |
|----------------------|--------------------|-----------------------|---------------------------------|
| Active Duty <65 | Male | 7.11 | 3.68 |
| | Female | 6.55 | 3.50 |
| | Total | 6.95 | 3.63 |
| Family of Active <65 | Male | 7.71 | 3.92 |
| | Female | 7.20 | 3.65 |
| | Total | 7.24 | 3.68 |
| Ret/Surv/Fam <65 | Male | 8.63 | 3.42 |
| | Female | 8.30 | 3.52 |
| | Total | 8.44 | 3.48 |
| Ret/Surv/Fam 65+ | Male | 9.12 | 3.63 |
| | Female | 8.99 | 3.57 |
| | Total | 9.07 | 3.61 |
| Total | Male | 8.42 | 3.59 |
| | Female | 8.10 | 3.56 |
| | Total | 8.26 | 3.57 |

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

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

Report

Statistics Mean

| | Beneficiary Group | | | | | | | | | | | |
|---|--------------------|--------|-------|----------------------|--------|-------|--------------------|--------|-------|--------------------|--------|-------|
| | Active Duty <65 | | | Family of Active <65 | | | Ret/SurvFam <65 | | | Ret/SurvFam 65+ | | |
| | Male or Female - R | | | Male or Female - R | | | Male or Female - R | | | Male or Female - R | | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 |
| In gnrhl, how would you rate ovrrall hthh | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 |

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.

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

What's This?

Cut Ctrl+X

Copy Ctrl+C

Paste Ctrl+V

Delete Delete

Select

Hide Dimension Label

Hide Category

Group

Ungroup

Sort Rows

Create Graph

Table Properties...

Cell Properties...

TableLooks...

Insert Footnote

Statistics Mean

| | Beneficiary Group | | | | | | | | | | | |
|---|--------------------|--------|-------|----------------------|--------|-------|--------------------|--------|-------|--------------------|--------|-------|
| | Active Duty <65 | | | Family of Active <65 | | | Ret/SurvFam <65 | | | Ret/SurvFam 65+ | | |
| | Male or Female - R | | | Male or Female - R | | | Male or Female - R | | | Male or Female - R | | |
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 |
| In gnrhl, how would you rate ovrrall hthh | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 |

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

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

Report

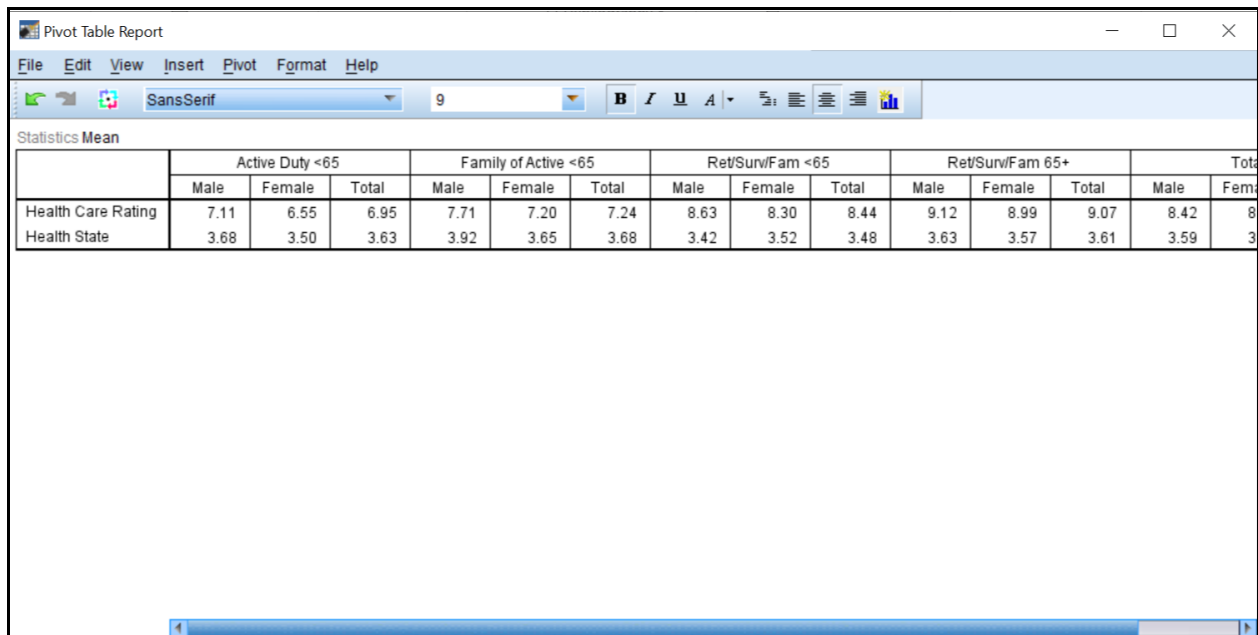
Statistics Mean

| | 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 |
| Rating of all health care in 1st yr | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 |
| In gnrl, how would you rate overall hith | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 |

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, **Health Care Rating**.

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

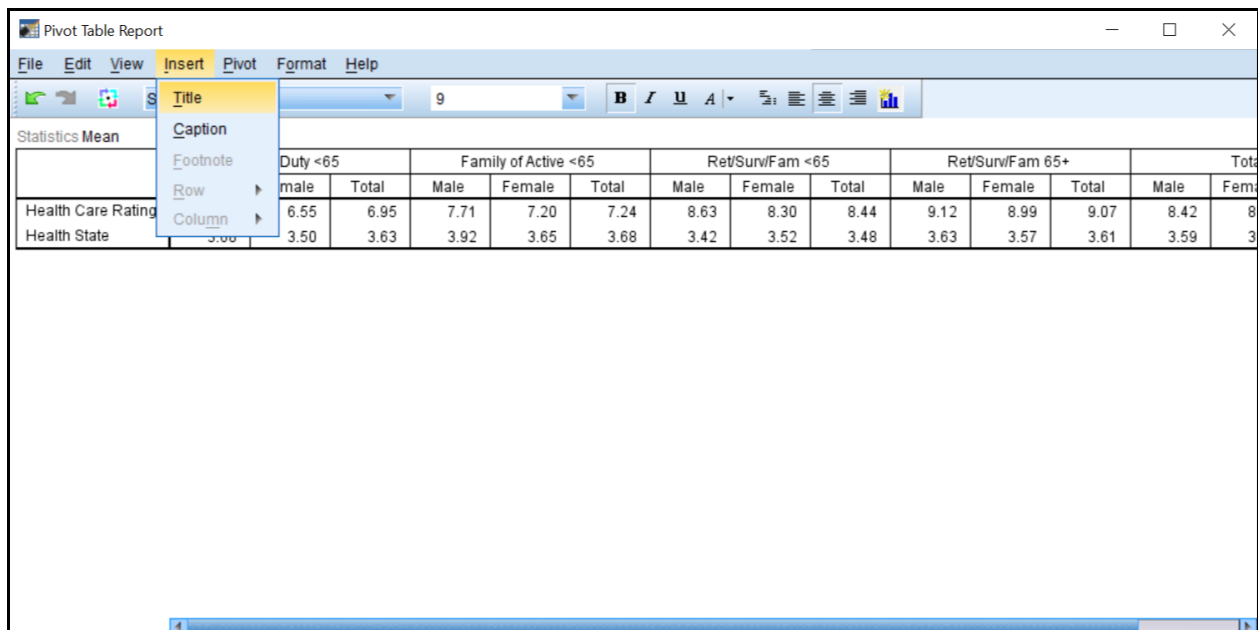
File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

Statistics Mean

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/Fam <65 | | | Ret/Surv/Fam 65+ | | | Total | |
|--------------------|-----------------|--------|-------|----------------------|--------|-------|------------------|--------|-------|------------------|--------|-------|-------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Health Care Rating | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.42 | 8.30 |
| Health State | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.59 | 3.50 |

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

SansSerif 9 B I U A

Statistics Mean

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

| | Active Duty <65 | | Family of Active <65 | | | Ret/Surv/Fam <65 | | | Ret/Surv/Fam 65+ | | | Total | |
|--------------------|-----------------|-------|----------------------|--------|-------|------------------|--------|-------|------------------|--------|-------|-------|--------|
| | Male | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Health Care Rating | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.42 | 8.30 |
| Health State | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.59 | 3.50 |

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

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

Mean of Respondent's Health Care Rating w/Health Assessment: By Beneficiary Status and Gender: East Region

Statistics Mean

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/Fam <65 | | | Ret/Surv/Fam 65+ | | | Total | |
|--------------------|-----------------|--------|-------|----------------------|--------|-------|------------------|--------|-------|------------------|--------|-------|-------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female | Total | Male | Female |
| Health Care Rating | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.42 | 8.10 |
| Health State | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.59 | 3.56 |

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

*Output1 [Document1] - IBM SPSS Statistics Viewer

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

Mean of Respondent's Health Care Rating w/Health Assessment: By Beneficiary Status and Gender: East Region

Mean

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Surv/ |
|--------------------|-----------------|--------|-------|----------------------|--------|-------|-----------|
| | Male | Female | Total | Male | Female | Total | Male |
| Health Care Rating | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 |
| Health State | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 |

Mean of Respondent's Health Care Rating w/Health Assessment: By Beneficiary Status and Gender: East Region

Mean

| | Ret/Surv/Fam <65 | | Ret/Surv/Fam 65+ | | | Total | |
|--------------------|------------------|-------|------------------|--------|-------|-------|--------|
| | Female | Total | Male | Female | Total | Male | Female |
| Health Care Rating | 8.30 | 8.44 | 9.12 | 8.99 | 9.07 | 8.42 | 8.10 |
| Health State | 3.52 | 3.48 | 3.63 | 3.57 | 3.61 | 3.59 | 3.56 |

Mean of Respondent's Health Care Rating w/Health Assessment: By Beneficiary Status and Gender: East Region

Mean

| | Total |
|--|-------|
| | |

Page 1

SPSS Statistics Processor is ready

Calculating Percents

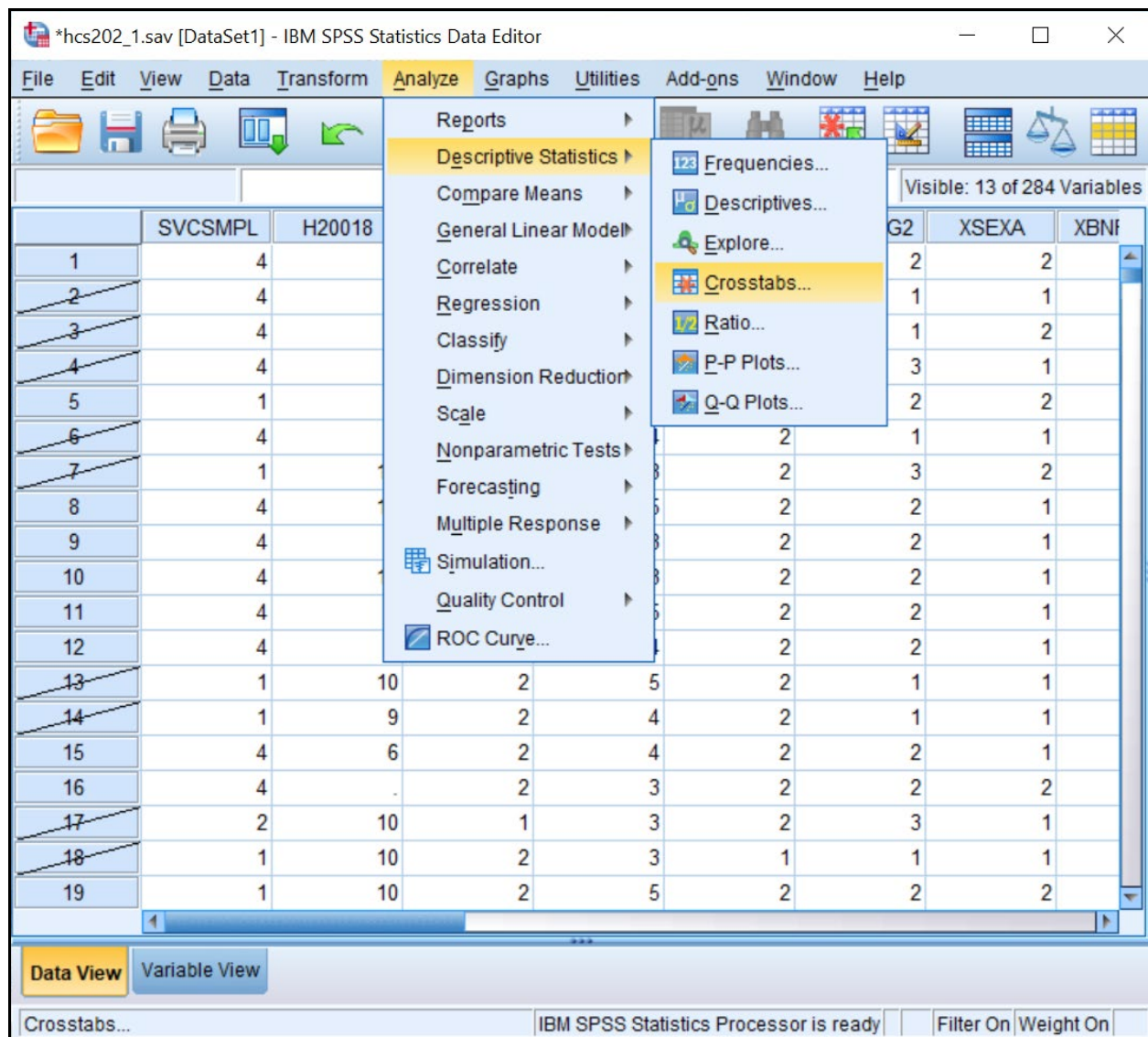
The **Crosstabs** procedure offers many options for analyzing data. The distribution of cases resulting from “crossing” one variable with another is often of interest. The number of cases, row percentages, column percentages, total percentages, and residuals are easily reproduced by **Crosstabs**. A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

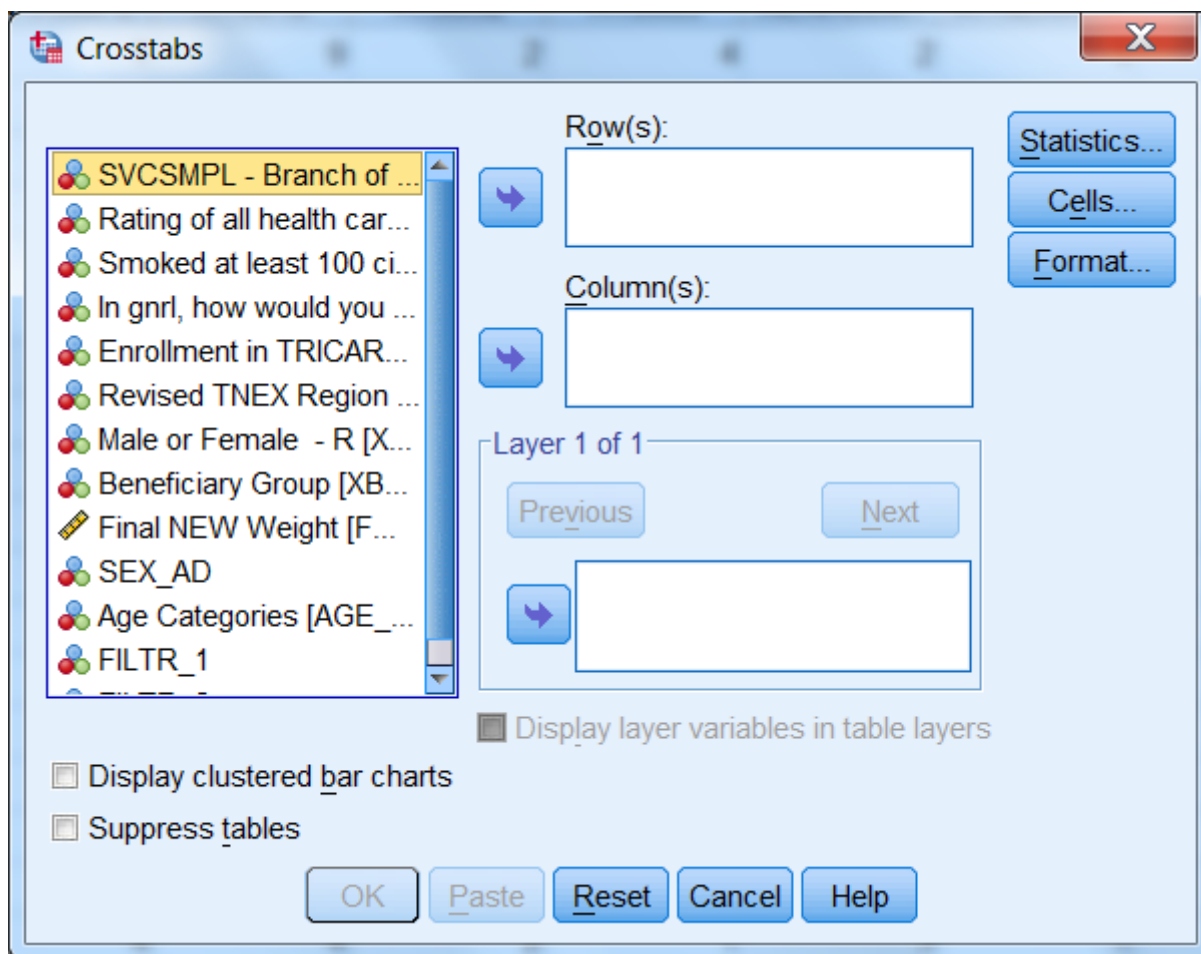
For example, suppose you want to see the percentage of people within each branch of service who answered “yes” or “no” to the question, “Did you ever smoke at least 100 cigarettes in your life?” The variables in this analysis are **svcsmpl** – the branch of service, and **H20052** – the questionnaire variable. The cases for the analysis are from the West only.

The first task is to build a new filter variable, assigning **1** to the variable when **XTNEXRG2 = 2**. You would call the variable **filtr_2** and build it the same way you built the filter, **filtr_1**. Cases from the West are selected when you activate the filter, and the other cases are filtered out. Check the status line for **Filter On**.

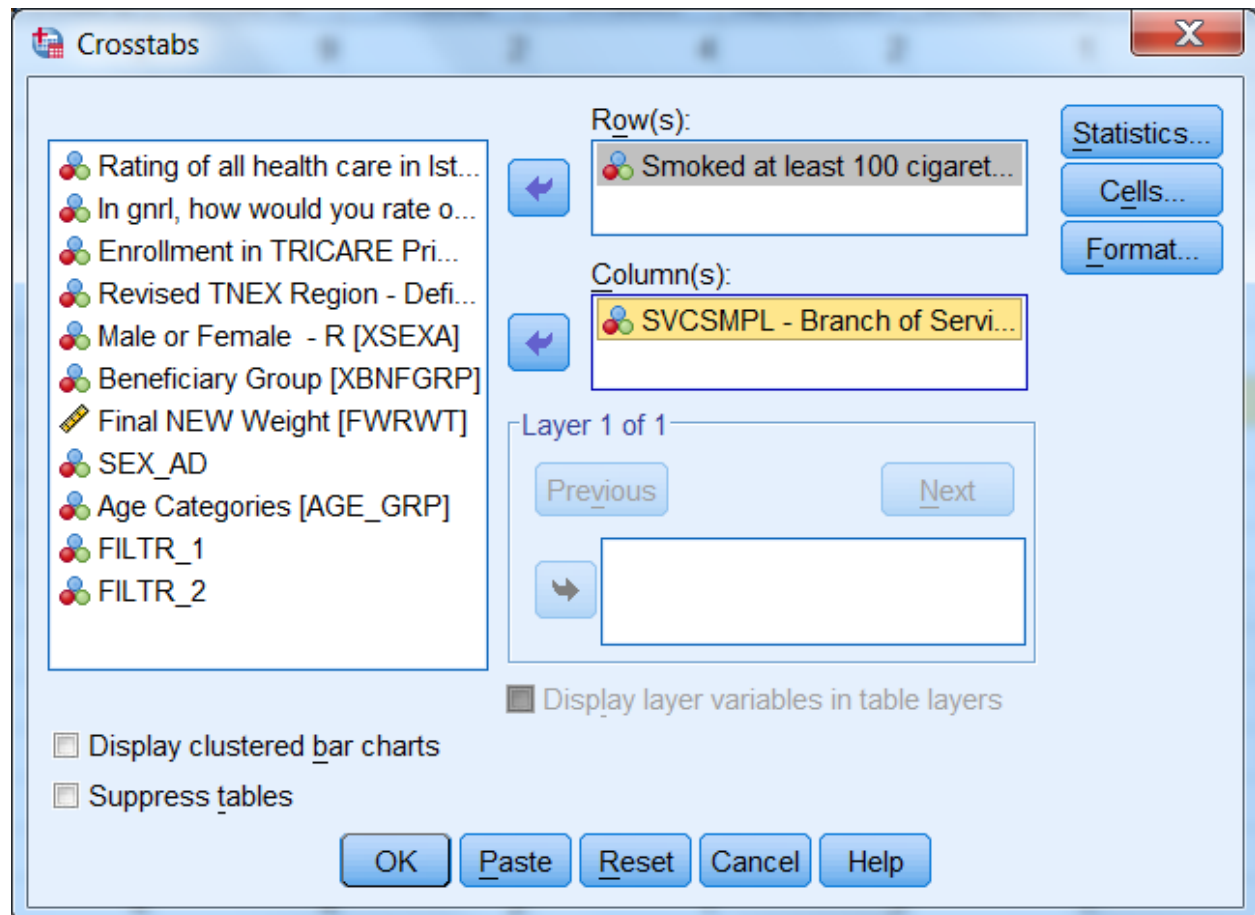
Next, open the **Analyze** menu in the **Data Window**, choosing **Descriptive Statistics** and **Crosstabs**, as shown below.



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

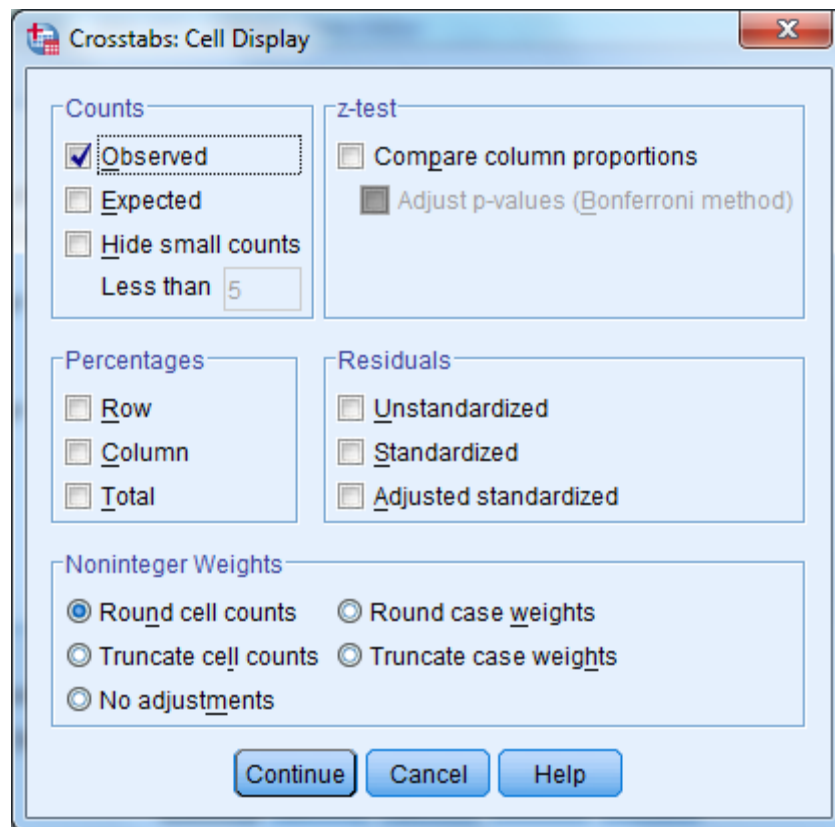


Move **H20052** from the variable list on the left into the box marked **Row(s)**., and move the variable **svcsmpl** into the box marked **Column(s)**.. The screen will resemble the following:



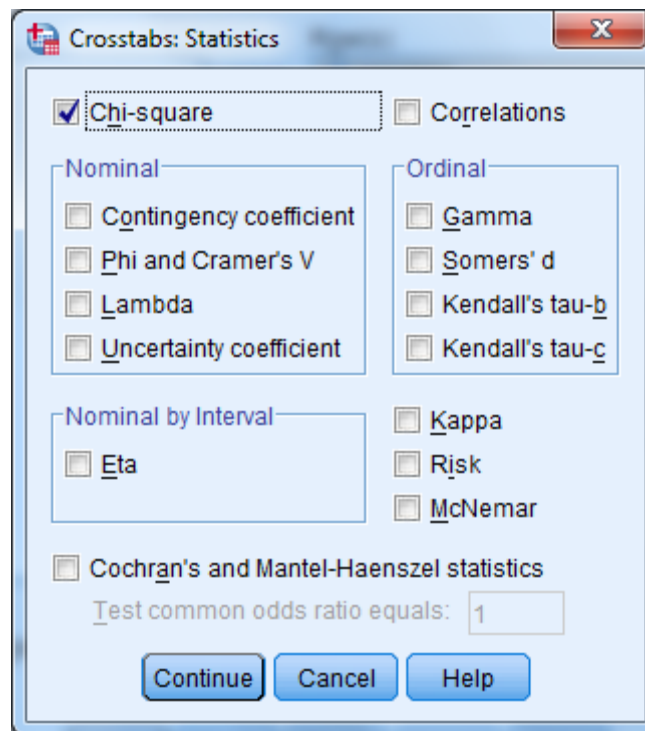
For this analysis, there are no **Layer** variables, so you can proceed to format the table cells.

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 reform at 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.

Mean of Respondent's Health Care Rating w/Health Assessment

Mean

| | Active Duty <65 | | | Family of Active <65 | | | Ret/Spouse | |
|--------------------|-----------------|--------|-------|----------------------|--------|-------|------------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female |
| Health Care Rating | 7.11 | 6.55 | 6.95 | 7.71 | 7.20 | 7.24 | 8.63 | 8.63 |
| Health State | 3.68 | 3.50 | 3.63 | 3.92 | 3.65 | 3.68 | 3.42 | 3.42 |

West Region: Smoked 100+ Cigarettes in Life

Case Processing Summary

| | Cases | | | | | |
|--|---------|---------|-----------|---------|-------------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service | 2100842 | 96.9% | 67792.058 | 3.1% | 2168634.058 | 100.0% |

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

IBM SPSS Statistics Processor is ready | H: 28, W: 568 pt.

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

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

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

File Edit View Insert Pivot Format Help

SansSerif 9 B I U A

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

| | | | SVCSMPL - Branch of Service | | | | | | |
|--|-----|--------------------------------------|-----------------------------|--------|--------------|-----------|-------------|---------------|---------|
| | | | Army | Navy | Marine Corps | Air Force | Coast Guard | Other/Unknown | Total |
| Smoked at least 100 cigarettes in life | Yes | Count | 169746 | 182499 | 30247 | 265632 | 17136 | 1702 | 666962 |
| | | % within SVCSMPL - Branch of Service | 26.2% | 35.0% | 23.6% | 35.7% | 34.2% | 19.2% | 31.7% |
| | No | Count | 477366 | 339588 | 97738 | 479015 | 32992 | 7181 | 1433880 |
| | | % within SVCSMPL - Branch of Service | 73.8% | 65.0% | 76.4% | 64.3% | 65.8% | 80.8% | 68.3% |
| Total | | Count | 647112 | 522087 | 127985 | 744647 | 50128 | 8883 | 2100842 |
| | | % within SVCSMPL - Branch of Service | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

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

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

File Edit View Insert **Pivot** Format Help

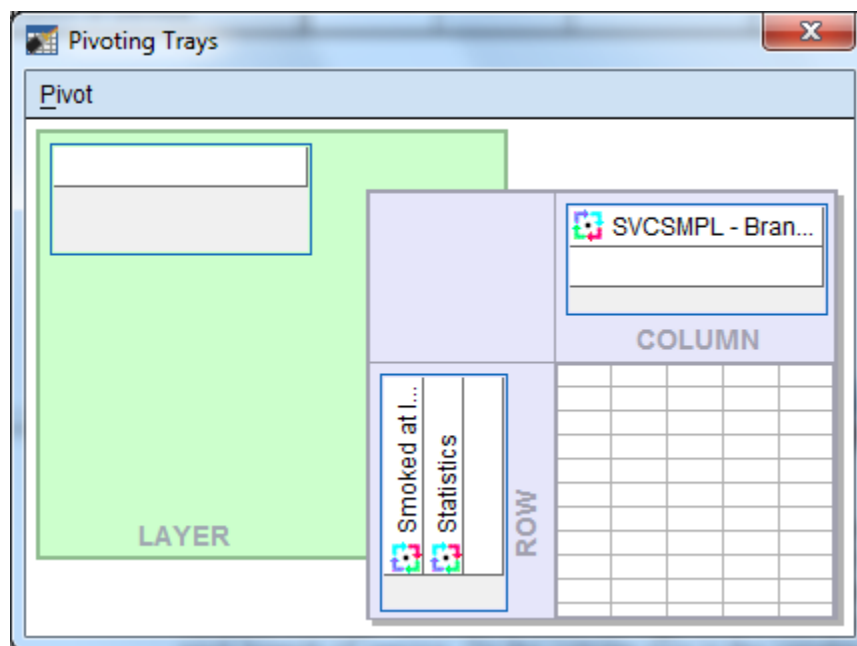
Reorder Categories

Transpose Rows and Columns

☐ Pivoting Trays

Go to Layers...

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, **H20052** – 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

SansSerif 9 B I U A

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

| | | SVCSMPL - Branch of Service | | | | |
|--|-----|-----------------------------|--------------------------------------|--------|--------------|-----------|
| | | Army | | Navy | Marine Corps | Air Force |
| | | Count | % within SVCSMPL - Branch of Service | Count | | |
| Smoked at least 100 cigarettes in life | Yes | 169746 | 26.2% | 182499 | | |
| | No | 477366 | 73.8% | 339588 | | |
| Total | | 647112 | 100.0% | 522087 | | |

Pivoting Trays

Pivot

SVCSMPL - Br...

Statistics

COLUMN

Smoked at l...

ROW

LAYER

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:

| | | 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 | 169746 | 26.2% | 182499 | 35.0% | 30247 | 23.6% | 265632 | 35.7% | 17136 | 34.2% |
| | No | 477366 | 73.8% | 339588 | 65.0% | 97738 | 76.4% | 479015 | 64.3% | 32992 | 65.8% |
| Total | | 647112 | 100.0% | 522087 | 100.0% | 127985 | 100.0% | 744647 | 100.0% | 50128 | 100.0% |

Last, notice that the label for **H20052** 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

FileEditViewInsertPivotFormatHelp

SansSerif9B I U A

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

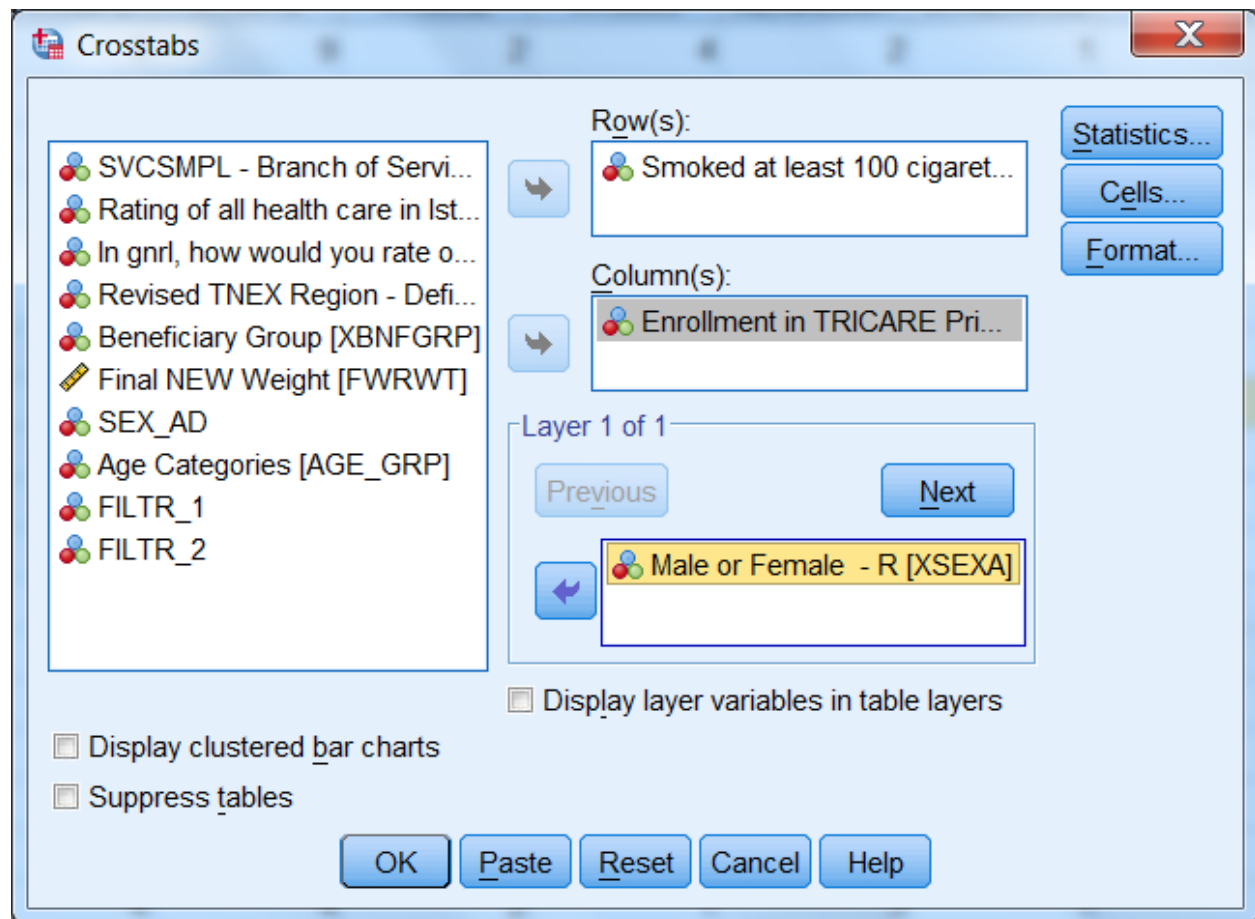
| | Branch of Service | | | | | | | | | | | | Total |
|-------|-------------------|---------|--------|---------|--------------|---------|-----------|---------|-------------|---------|---------------|---------|---------|
| | Army | | Navy | | Marine Corps | | Air Force | | Coast Guard | | Other/Unknown | | |
| | Count | Percent | Count | Percent | Count | Percent | Count | Percent | Count | Percent | Count | Percent | |
| Yes | 169746 | 26.2% | 182499 | 35.0% | 30247 | 23.6% | 265632 | 35.7% | 17136 | 34.2% | 1702 | 19.2% | 666962 |
| No | 477366 | 73.8% | 339588 | 65.0% | 97738 | 76.4% | 479015 | 64.3% | 32992 | 65.8% | 7181 | 80.8% | 1433880 |
| Total | 647112 | 100.0% | 522087 | 100.0% | 127985 | 100.0% | 744647 | 100.0% | 50128 | 100.0% | 8883 | 100.0% | 2100842 |

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, **H20052**, 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 West region, using **filtr_2** 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:

| 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 | 92023 | 52670 | 37517 | 183660 | 38665 | 404535 |
| | | | % within Enrollment in TRICARE Prime | 24.2% | 35.5% | 26.6% | 54.3% | 66.7% | 38.0% |
| | No | Count | 288074 | 95530 | 103349 | 154661 | 19333 | 660947 | 660947 |
| | | | % within Enrollment in TRICARE Prime | 75.8% | 64.5% | 73.4% | 45.7% | 33.3% | 62.0% |
| | Total | Count | 380097 | 148200 | 140866 | 338321 | 57998 | 1065482 | 1065482 |
| Female | Smoked at least 100 cigarettes in life | Yes | Count | 14809 | 103175 | 44225 | 96663 | 0 | 258872 |
| | | | % within Enrollment in TRICARE Prime | 9.0% | 23.7% | 17.3% | 58.8% | 0.0% | 25.1% |
| | No | Count | 149685 | 332127 | 211783 | 67664 | 9666 | 770925 | 770925 |
| | | | % within Enrollment in TRICARE Prime | 91.0% | 76.3% | 82.7% | 41.2% | 100.0% | 74.9% |
| | Total | Count | 164494 | 435302 | 256008 | 164327 | 9666 | 1029797 | 1029797 |
| Total | Smoked at least 100 cigarettes in life | Yes | Count | 106832 | 155845 | 81742 | 280323 | 38665 | 663407 |
| | | | % within Enrollment in TRICARE Prime | 19.6% | 26.7% | 20.6% | 55.8% | 57.1% | 31.7% |
| | No | Count | 437759 | 427657 | 315132 | 222325 | 28999 | 1431872 | 1431872 |
| | | | % within Enrollment in TRICARE Prime | 80.4% | 73.3% | 79.4% | 44.2% | 42.9% | 68.3% |
| | Total | Count | 544591 | 583502 | 396874 | 502648 | 67664 | 2095279 | 2095279 |

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 toolas follows:

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

| | | Active Duty - under 65 | | | | | | Enrolled - un | | | |
|--|-----|------------------------|--------------------------------------|--------|--------------------------------------|--------|--------------------------------------|---------------|--------------------------------------|--------|--------------------------------------|
| | | Male or Female - R | | | | | | Male or Fem | | | |
| | | 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 | % within Enrollment in TRICARE Prime |
| Smoked at least 100 cigarettes in life | Yes | 92023 | 24.2% | 14809 | 9.0% | 106832 | 19.6% | 52670 | 35.5% | 103175 | |
| | No | 288074 | 75.8% | 149685 | 91.0% | 437759 | 80.4% | 95530 | 64.5% | 332127 | |
| Total | | 380097 | 100.0% | 164494 | 100.0% | 544591 | 100.0% | 148200 | 100.0% | 435302 | |

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 **H20052** 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

SansSerif 9 B I U A

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

| | Active Duty - under 65 | | | | | | Enrolled - under 65 | | | | | | Enroll | |
|-------|------------------------|---------|--------|---------|--------|---------|---------------------|---------|--------|---------|--------|---------|--------|---------|
| | Male | | Female | | Total | | Male | | Female | | Total | | Male | |
| | Count | Percent | Count | Percent | Count | Percent | Count | Percent | Count | Percent | Count | Percent | Count | Percent |
| | | | | | | | | | | | | | | |
| Yes | 92023 | 24.2% | 14809 | 9.0% | 106832 | 19.6% | 52670 | 35.5% | 103175 | 23.7% | 155845 | 26.7% | 37517 | 26.6% |
| No | 288074 | 75.8% | 149685 | 91.0% | 437759 | 80.4% | 95530 | 64.5% | 332127 | 76.3% | 427657 | 73.3% | 103349 | 73.4% |
| Total | 380097 | 100.0% | 164494 | 100.0% | 544591 | 100.0% | 148200 | 100.0% | 435302 | 100.0% | 583502 | 100.0% | 140866 | 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

West 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 | 92023 | 24.2% | 14809 | 9.0% | 106832 | 19.6% | 52670 | 35.5% |
| No | 288074 | 75.8% | 149685 | 91.0% | 437759 | 80.4% | 95530 | 64.5% |
| Total | 380097 | 100.0% | 164494 | 100.0% | 544591 | 100.0% | 148200 | 100.0% |

West 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 | 103175 | 23.7% | 155845 | 26.7% | 37517 | 26.6% | 44225 | 17.3% |
| No | 332127 | 76.3% | 427657 | 73.3% | 103349 | 73.4% | 211783 | 82.7% |
| Total | 435302 | 100.0% | 583502 | 100.0% | 140866 | 100.0% | 256008 | 100.0% |

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 II, 2020 Adult HCSDb. For a full discussion of variance estimation methods, see Wolter (1985) and references cited therein.

Variance Estimation Methods

The 2020 HCSDB uses a stratified sample design. To account for complex estimators for the sample design¹, 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 II, 2020 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 II, 2020 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 2020 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.

¹ The 2020 HCSDB uses a stratified sampling design. For details, see “Health Care Survey of DoD Beneficiaries: 2020 Adult Sampling Report.” Washington, DC: Mathematica Policy Research, 2020.

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 II, 2020 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 (H20031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H20052=1) for each TNEX region (XTNEXRG2)

```
PROC DESCRIPT DATA=HCSDb /*FILETYPE=SAS*/ DESIGN=STRWR;  
  WEIGHT          FWRWT;  
  NEST             STRATUM;  
  SUBPOPN          H20052=1;  
  SUBGROUP         XTNEXRG2;  
  LEVELS           3;  
  VAR              H20031;  
  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 1 who last had a blood pressure reading less than 12 months ago, 1 to 2 years ago, and more than 2 years ago (H20049) by TRICARE enrollment (XENRLLMT).

```
PROC CROSSTAB DATA=HCSDb /*FILETYPE=SAS*/ DESIGN=STRWR;  
  WEIGHT          FWRWT;  
  NEST             STRATUM;  
  SUBPOPN          XTNEXRG2 = 1;  
  SUBGROUP         H20049 XENRLLMT;  
  LEVELS           3 5;  
  TABLES          H20049 *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 (H20031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H20052=1) for each TNEX region (XTNEXRG2)

```
PROC SURVEYMEANS DATA=HCSDB;  
  WEIGHT      FWRWT;  
  STRATA      STRATUM;  
  DOMAIN      H20052 * XTNEXRG2;  
  VAR         H20031;  
RUN;
```

The above codes will provide output for H20052=1 and 2. User only needs to use output from H20052=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 (H20049) by TRICARE enrollment (XENRLLMT).

```
PROC SURVEYFREQ DATA=HCSDB;  
WEIGHT          FWRWT;  
STRATA          STRATUM;  
TABLES          XTNEXRG2 * H20049 * 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 II, 2020 Adult HCSDB file. Construction of these weights is described in the “2020 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 II, 2020 Adult HCSDB.

Suppose you want to estimate the mean rating of the specialist seen most often (H20031) among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H20052=1) for each region (XTNEXRG2). You would use SUDAAN or WesVarPC as follows.

SUDAAN

```
PROC DESCRIPT DATA=HCSDB DESIGN=JACKKNIFE;  
WEIGHT          FWRWT ;  
JACKWGTS        FWRWT1-FWRWT60 / ADJJACK=1 ;  
SUBPOPN         H20052=1;  
SUBGROUP        XTNEXRG2;  
LEVELS          3;  
VAR             H20031 ;  
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 H20052, H20031, and XTNEXRG2 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: H20052=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 H20031 as the **Analysis** variable, MEAN (H20031) as the **Compute Statistics**, and XTNEXRG2 as the **Table**.

The above steps can also be followed to produce standard errors. The WesVarPC user's guide (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.

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.

Please note that the following variables have been dropped to protect confidentiality - XCATCH, H20073E, SRRACEE, XBMI, H20071I, H20071F, H20072, and SERVAF. Also, the age at sampling (RDAGEQY) and age at fielding (RFLDAGE) are bottom coded at 18 and top coded at 65 for the public use file. In addition, the self-reported education level (SREDA) and race variables (SRRACE, H20073, and RACEETHN) are collapsed for confidentiality reasons.

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.

H20007 -

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 37 | 0.43 | 34,121 | 0.46 | Did not answer |
| C | 133 | 1.56 | 90,361 | 1.21 | Should be skipped |
| N | 4,746 | 55.57 | 4,007,516 | 53.67 | Didn't need care right away in past year |
| 1 | 140 | 1.64 | 93,567 | 1.25 | Never |
| 2 | 579 | 6.78 | 391,457 | 5.24 | Sometimes |
| 3 | 774 | 9.06 | 666,064 | 8.92 | Usually |
| 4 | 2,132 | 24.96 | 2,184,296 | 29.25 | Always |

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 65 and older. You will notice that the second to last range representing ages “55 to 64 years” includes 2,605 respondents aged 55 to 64.

RDAGEQY -**Age at time of sample preparation-Capped (18 and below, 65 and above)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------|------------------|--------------------|----------------|------------------|-----------------|
| 18 | 66 | 0.77 | 94,447 | 1.26 | 18 and younger |
| 19 -- 34 | 2,568 | 30.07 | 2,145,210 | 28.73 | 19--34 |
| 35 -- 44 | 1,700 | 19.90 | 947,242 | 12.69 | 35--44 |
| 45 -- 54 | 1,402 | 16.41 | 576,296 | 7.72 | 45--54 |
| 55 -- 64 | 2,605 | 30.50 | 1,423,993 | 19.07 | 55--64 |
| 65 | 200 | 2.34 | 2,280,194 | 30.54 | 65 and older |

MPRID -**Unique MPR identifier**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|--------------------|
| 00000272 -- 18302292 | 8,541 | 100.00 | 7,467,383 | 100.00 | 00000001--99999999 |

SVCSMPL -**Branch of service sampling variable**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,612 | 30.58 | 2,815,693 | 37.71 | Army |
| 2 | 1,498 | 17.54 | 1,655,728 | 22.17 | Navy |
| 3 | 424 | 4.96 | 509,241 | 6.82 | Marine Corps |
| 4 | 3,794 | 44.42 | 2,235,107 | 29.93 | Air Force |
| 5 | 169 | 1.98 | 231,025 | 3.09 | Coast Guard |
| 6 | 44 | 0.52 | 20,587 | 0.28 | Other/Unknown |

SEXSMPL -**Sex sampling variable**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,722 | 55.29 | 3,802,479 | 50.92 | Male |
| 2 | 3,819 | 44.71 | 3,664,904 | 49.08 | Female |

STRATUM -**Sampling stratum**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1000103 | 33 | 0.39 | 2,001 | 0.03 | 1000103 |
| 1000106 | 39 | 0.46 | 8,101 | 0.11 | 1000106 |
| 1000301 | 12 | 0.14 | 4,554 | 0.06 | 1000301 |
| 1000303 | 17 | 0.20 | 3,604 | 0.05 | 1000303 |
| 1000306 | 24 | 0.28 | 4,966 | 0.07 | 1000306 |
| 1000401 | 20 | 0.23 | 3,453 | 0.05 | 1000401 |
| 1000403 | 94 | 1.10 | 6,628 | 0.09 | 1000403 |
| 1000501 | 18 | 0.21 | 12,506 | 0.17 | 1000501 |
| 1000503 | 8 | 0.09 | 2,345 | 0.03 | 1000503 |
| 1000506 | 7 | 0.08 | 2,361 | 0.03 | 1000506 |
| 1000601 | 26 | 0.30 | 9,361 | 0.13 | 1000601 |
| 1000603 | 10 | 0.12 | 2,441 | 0.03 | 1000603 |
| 1000606 | 31 | 0.36 | 7,908 | 0.11 | 1000606 |
| 1000801 | 27 | 0.32 | 3,685 | 0.05 | 1000801 |
| 1000803 | 104 | 1.22 | 3,486 | 0.05 | 1000803 |
| 1000901 | 24 | 0.28 | 10,813 | 0.14 | 1000901 |
| 1000903 | 3 | 0.04 | 666 | 0.01 | 1000903 |
| 1000906 | 27 | 0.32 | 5,469 | 0.07 | 1000906 |
| 1001001 | 28 | 0.33 | 8,791 | 0.12 | 1001001 |
| 1001003 | 49 | 0.57 | 3,037 | 0.04 | 1001003 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1001301 | 33 | 0.39 | 7,182 | 0.10 | 1001301 |
| 1001303 | 52 | 0.61 | 2,423 | 0.03 | 1001303 |
| 1001401 | 19 | 0.22 | 12,546 | 0.17 | 1001401 |
| 1001403 | 5 | 0.06 | 1,895 | 0.03 | 1001403 |
| 1001406 | 15 | 0.18 | 6,279 | 0.08 | 1001406 |
| 1001803 | 140 | 1.64 | 4,870 | 0.07 | 1001803 |
| 1001901 | 24 | 0.28 | 3,052 | 0.04 | 1001901 |
| 1001903 | 48 | 0.56 | 2,100 | 0.03 | 1001903 |
| 1002401 | 11 | 0.13 | 35,276 | 0.47 | 1002401 |
| 1002403 | 11 | 0.13 | 13,727 | 0.18 | 1002403 |
| 1002406 | 11 | 0.13 | 8,406 | 0.11 | 1002406 |
| 1002801 | 21 | 0.25 | 8,058 | 0.11 | 1002801 |
| 1002803 | 13 | 0.15 | 3,337 | 0.04 | 1002803 |
| 1002806 | 11 | 0.13 | 1,949 | 0.03 | 1002806 |
| 1002901 | 20 | 0.23 | 54,705 | 0.73 | 1002901 |
| 1002903 | 7 | 0.08 | 2,827 | 0.04 | 1002903 |
| 1002906 | 8 | 0.09 | 16,351 | 0.22 | 1002906 |
| 1003001 | 14 | 0.16 | 10,962 | 0.15 | 1003001 |
| 1003003 | 10 | 0.12 | 4,387 | 0.06 | 1003003 |
| 1003006 | 8 | 0.09 | 1,482 | 0.02 | 1003006 |
| 1003201 | 10 | 0.12 | 18,368 | 0.25 | 1003201 |
| 1003203 | 11 | 0.13 | 12,912 | 0.17 | 1003203 |
| 1003206 | 12 | 0.14 | 14,791 | 0.20 | 1003206 |
| 1003301 | 9 | 0.11 | 5,478 | 0.07 | 1003301 |
| 1003303 | 9 | 0.11 | 1,612 | 0.02 | 1003303 |
| 1003306 | 31 | 0.36 | 11,277 | 0.15 | 1003306 |
| 1003801 | 19 | 0.22 | 26,188 | 0.35 | 1003801 |
| 1003803 | 13 | 0.15 | 7,188 | 0.10 | 1003803 |
| 1003806 | 16 | 0.19 | 12,425 | 0.17 | 1003806 |
| 1003901 | 11 | 0.13 | 26,900 | 0.36 | 1003901 |
| 1003903 | 10 | 0.12 | 8,010 | 0.11 | 1003903 |
| 1003906 | 10 | 0.12 | 12,370 | 0.17 | 1003906 |
| 1004201 | 23 | 0.27 | 12,734 | 0.17 | 1004201 |
| 1004203 | 3 | 0.04 | 994 | 0.01 | 1004203 |
| 1004206 | 28 | 0.33 | 8,950 | 0.12 | 1004206 |
| 1004303 | 81 | 0.95 | 2,140 | 0.03 | 1004303 |
| 1004501 | 16 | 0.19 | 9,971 | 0.13 | 1004501 |
| 1004503 | 16 | 0.19 | 2,891 | 0.04 | 1004503 |
| 1004506 | 30 | 0.35 | 12,062 | 0.16 | 1004506 |
| 1004601 | 14 | 0.16 | 2,629 | 0.04 | 1004601 |
| 1004603 | 115 | 1.35 | 6,372 | 0.09 | 1004603 |
| 1004701 | 18 | 0.21 | 14,846 | 0.20 | 1004701 |
| 1004703 | 15 | 0.18 | 5,105 | 0.07 | 1004703 |
| 1004706 | 18 | 0.21 | 15,041 | 0.20 | 1004706 |
| 1004801 | 8 | 0.09 | 18,298 | 0.25 | 1004801 |
| 1004803 | 10 | 0.12 | 8,176 | 0.11 | 1004803 |
| 1004806 | 12 | 0.14 | 21,144 | 0.28 | 1004806 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1004901 | 15 | 0.18 | 26,606 | 0.36 | 1004901 |
| 1004903 | 7 | 0.08 | 8,378 | 0.11 | 1004903 |
| 1004906 | 7 | 0.08 | 5,611 | 0.08 | 1004906 |
| 1005101 | 28 | 0.33 | 5,720 | 0.08 | 1005101 |
| 1005103 | 69 | 0.81 | 3,553 | 0.05 | 1005103 |
| 1005201 | 17 | 0.20 | 30,170 | 0.40 | 1005201 |
| 1005203 | 17 | 0.20 | 18,633 | 0.25 | 1005203 |
| 1005206 | 11 | 0.13 | 5,710 | 0.08 | 1005206 |
| 1005301 | 27 | 0.32 | 4,650 | 0.06 | 1005301 |
| 1005303 | 43 | 0.50 | 1,785 | 0.02 | 1005303 |
| 1005501 | 36 | 0.42 | 7,617 | 0.10 | 1005501 |
| 1005503 | 13 | 0.15 | 1,889 | 0.03 | 1005503 |
| 1005506 | 22 | 0.26 | 4,184 | 0.06 | 1005506 |
| 1005601 | 6 | 0.07 | 8,806 | 0.12 | 1005601 |
| 1005603 | 37 | 0.43 | 14,879 | 0.20 | 1005603 |
| 1005701 | 14 | 0.16 | 14,475 | 0.19 | 1005701 |
| 1005703 | 8 | 0.09 | 4,853 | 0.06 | 1005703 |
| 1005706 | 9 | 0.11 | 6,899 | 0.09 | 1005706 |
| 1005801 | 19 | 0.22 | 4,704 | 0.06 | 1005801 |
| 1005803 | 23 | 0.27 | 3,931 | 0.05 | 1005803 |
| 1005806 | 21 | 0.25 | 3,015 | 0.04 | 1005806 |
| 1006001 | 8 | 0.09 | 20,219 | 0.27 | 1006001 |
| 1006003 | 7 | 0.08 | 14,393 | 0.19 | 1006003 |
| 1006006 | 6 | 0.07 | 19,189 | 0.26 | 1006006 |
| 1006101 | 45 | 0.53 | 4,715 | 0.06 | 1006101 |
| 1006103 | 27 | 0.32 | 2,494 | 0.03 | 1006103 |
| 1006201 | 35 | 0.41 | 7,838 | 0.10 | 1006201 |
| 1006203 | 36 | 0.42 | 2,788 | 0.04 | 1006203 |
| 1006401 | 7 | 0.08 | 5,191 | 0.07 | 1006401 |
| 1006403 | 11 | 0.13 | 5,513 | 0.07 | 1006403 |
| 1006406 | 7 | 0.08 | 3,345 | 0.04 | 1006406 |
| 1006601 | 27 | 0.32 | 8,932 | 0.12 | 1006601 |
| 1006603 | 18 | 0.21 | 5,050 | 0.07 | 1006603 |
| 1006606 | 13 | 0.15 | 5,682 | 0.08 | 1006606 |
| 1006701 | 23 | 0.27 | 18,497 | 0.25 | 1006701 |
| 1006703 | 15 | 0.18 | 4,677 | 0.06 | 1006703 |
| 1006706 | 12 | 0.14 | 5,595 | 0.07 | 1006706 |
| 1006801 | 17 | 0.20 | 4,072 | 0.05 | 1006801 |
| 1006803 | 86 | 1.01 | 6,592 | 0.09 | 1006803 |
| 1006901 | 27 | 0.32 | 26,252 | 0.35 | 1006901 |
| 1006903 | 20 | 0.23 | 7,493 | 0.10 | 1006903 |
| 1006906 | 19 | 0.22 | 11,882 | 0.16 | 1006906 |
| 1007301 | 28 | 0.33 | 10,780 | 0.14 | 1007301 |
| 1007303 | 80 | 0.94 | 5,791 | 0.08 | 1007303 |
| 1007403 | 85 | 1.00 | 3,187 | 0.04 | 1007403 |
| 1007501 | 15 | 0.18 | 9,798 | 0.13 | 1007501 |
| 1007503 | 9 | 0.11 | 3,008 | 0.04 | 1007503 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1007506 | 18 | 0.21 | 7,500 | 0.10 | 1007506 |
| 1007601 | 35 | 0.41 | 6,104 | 0.08 | 1007601 |
| 1007603 | 53 | 0.62 | 1,858 | 0.02 | 1007603 |
| 1007701 | 31 | 0.36 | 4,616 | 0.06 | 1007701 |
| 1007703 | 50 | 0.59 | 2,240 | 0.03 | 1007703 |
| 1007801 | 26 | 0.30 | 6,577 | 0.09 | 1007801 |
| 1007803 | 16 | 0.19 | 2,705 | 0.04 | 1007803 |
| 1007806 | 32 | 0.37 | 7,032 | 0.09 | 1007806 |
| 1007901 | 23 | 0.27 | 20,724 | 0.28 | 1007901 |
| 1007903 | 10 | 0.12 | 4,009 | 0.05 | 1007903 |
| 1007906 | 13 | 0.15 | 6,551 | 0.09 | 1007906 |
| 1008301 | 24 | 0.28 | 5,909 | 0.08 | 1008301 |
| 1008303 | 72 | 0.84 | 3,484 | 0.05 | 1008303 |
| 1008601 | 11 | 0.13 | 6,062 | 0.08 | 1008601 |
| 1008603 | 51 | 0.60 | 6,042 | 0.08 | 1008603 |
| 1008901 | 15 | 0.18 | 38,591 | 0.52 | 1008901 |
| 1008903 | 6 | 0.07 | 10,595 | 0.14 | 1008903 |
| 1008906 | 8 | 0.09 | 25,008 | 0.33 | 1008906 |
| 1009001 | 36 | 0.42 | 5,625 | 0.08 | 1009001 |
| 1009003 | 36 | 0.42 | 2,169 | 0.03 | 1009003 |
| 1009101 | 15 | 0.18 | 42,770 | 0.57 | 1009101 |
| 1009103 | 4 | 0.05 | 3,598 | 0.05 | 1009103 |
| 1009106 | 8 | 0.09 | 8,614 | 0.12 | 1009106 |
| 1009201 | 18 | 0.21 | 7,967 | 0.11 | 1009201 |
| 1009203 | 11 | 0.13 | 2,402 | 0.03 | 1009203 |
| 1009206 | 12 | 0.14 | 3,762 | 0.05 | 1009206 |
| 1009401 | 45 | 0.53 | 7,075 | 0.09 | 1009401 |
| 1009403 | 34 | 0.40 | 2,002 | 0.03 | 1009403 |
| 1009501 | 11 | 0.13 | 4,322 | 0.06 | 1009501 |
| 1009503 | 16 | 0.19 | 3,742 | 0.05 | 1009503 |
| 1009506 | 33 | 0.39 | 14,482 | 0.19 | 1009506 |
| 1009601 | 24 | 0.28 | 7,568 | 0.10 | 1009601 |
| 1009603 | 6 | 0.07 | 1,869 | 0.03 | 1009603 |
| 1009606 | 11 | 0.13 | 2,715 | 0.04 | 1009606 |
| 1009801 | 13 | 0.15 | 9,809 | 0.13 | 1009801 |
| 1009803 | 4 | 0.05 | 1,752 | 0.02 | 1009803 |
| 1009806 | 17 | 0.20 | 5,982 | 0.08 | 1009806 |
| 1010001 | 25 | 0.29 | 7,848 | 0.11 | 1010001 |
| 1010003 | 14 | 0.16 | 3,216 | 0.04 | 1010003 |
| 1010006 | 19 | 0.22 | 4,143 | 0.06 | 1010006 |
| 1010101 | 48 | 0.56 | 7,384 | 0.10 | 1010101 |
| 1010103 | 29 | 0.34 | 1,462 | 0.02 | 1010103 |
| 1010301 | 12 | 0.14 | 6,913 | 0.09 | 1010301 |
| 1010303 | 6 | 0.07 | 1,533 | 0.02 | 1010303 |
| 1010306 | 11 | 0.13 | 6,533 | 0.09 | 1010306 |
| 1010401 | 9 | 0.11 | 11,975 | 0.16 | 1010401 |
| 1010403 | 6 | 0.07 | 2,185 | 0.03 | 1010403 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1010406 | 8 | 0.09 | 1,780 | 0.02 | 1010406 |
| 1010501 | 25 | 0.29 | 6,737 | 0.09 | 1010501 |
| 1010503 | 14 | 0.16 | 3,739 | 0.05 | 1010503 |
| 1010506 | 19 | 0.22 | 3,639 | 0.05 | 1010506 |
| 1010801 | 13 | 0.15 | 28,101 | 0.38 | 1010801 |
| 1010803 | 9 | 0.11 | 17,629 | 0.24 | 1010803 |
| 1010806 | 5 | 0.06 | 6,141 | 0.08 | 1010806 |
| 1010901 | 12 | 0.14 | 35,433 | 0.47 | 1010901 |
| 1010903 | 16 | 0.19 | 10,753 | 0.14 | 1010903 |
| 1010906 | 17 | 0.20 | 18,514 | 0.25 | 1010906 |
| 1011001 | 11 | 0.13 | 34,435 | 0.46 | 1011001 |
| 1011003 | 8 | 0.09 | 11,669 | 0.16 | 1011003 |
| 1011006 | 14 | 0.16 | 25,600 | 0.34 | 1011006 |
| 1011201 | 31 | 0.36 | 5,121 | 0.07 | 1011201 |
| 1011203 | 17 | 0.20 | 1,547 | 0.02 | 1011203 |
| 1011301 | 42 | 0.49 | 10,255 | 0.14 | 1011301 |
| 1011303 | 22 | 0.26 | 948 | 0.01 | 1011303 |
| 1011701 | 14 | 0.16 | 13,081 | 0.18 | 1011701 |
| 1011703 | 14 | 0.16 | 8,487 | 0.11 | 1011703 |
| 1011706 | 19 | 0.22 | 12,132 | 0.16 | 1011706 |
| 1011801 | 26 | 0.30 | 6,942 | 0.09 | 1011801 |
| 1011803 | 52 | 0.61 | 3,540 | 0.05 | 1011803 |
| 1011901 | 23 | 0.27 | 6,825 | 0.09 | 1011901 |
| 1011903 | 8 | 0.09 | 2,239 | 0.03 | 1011903 |
| 1011906 | 12 | 0.14 | 1,953 | 0.03 | 1011906 |
| 1012001 | 22 | 0.26 | 10,681 | 0.14 | 1012001 |
| 1012003 | 11 | 0.13 | 3,383 | 0.05 | 1012003 |
| 1012006 | 18 | 0.21 | 8,508 | 0.11 | 1012006 |
| 1012101 | 19 | 0.22 | 5,506 | 0.07 | 1012101 |
| 1012103 | 13 | 0.15 | 4,410 | 0.06 | 1012103 |
| 1012106 | 33 | 0.39 | 9,545 | 0.13 | 1012106 |
| 1012201 | 18 | 0.21 | 7,273 | 0.10 | 1012201 |
| 1012203 | 8 | 0.09 | 1,814 | 0.02 | 1012203 |
| 1012206 | 20 | 0.23 | 5,802 | 0.08 | 1012206 |
| 1012301 | 19 | 0.22 | 20,164 | 0.27 | 1012301 |
| 1012303 | 15 | 0.18 | 7,445 | 0.10 | 1012303 |
| 1012306 | 26 | 0.30 | 37,968 | 0.51 | 1012306 |
| 1012401 | 16 | 0.19 | 56,734 | 0.76 | 1012401 |
| 1012403 | 11 | 0.13 | 17,571 | 0.24 | 1012403 |
| 1012406 | 11 | 0.13 | 14,081 | 0.19 | 1012406 |
| 1012501 | 15 | 0.18 | 33,213 | 0.44 | 1012501 |
| 1012503 | 15 | 0.18 | 15,976 | 0.21 | 1012503 |
| 1012506 | 18 | 0.21 | 23,738 | 0.32 | 1012506 |
| 1012601 | 13 | 0.15 | 16,769 | 0.22 | 1012601 |
| 1012603 | 6 | 0.07 | 3,783 | 0.05 | 1012603 |
| 1012606 | 17 | 0.20 | 10,202 | 0.14 | 1012606 |
| 1012701 | 17 | 0.20 | 8,128 | 0.11 | 1012701 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1012703 | 12 | 0.14 | 3,316 | 0.04 | 1012703 |
| 1012706 | 14 | 0.16 | 3,685 | 0.05 | 1012706 |
| 1012801 | 44 | 0.52 | 4,667 | 0.06 | 1012801 |
| 1012803 | 80 | 0.94 | 2,457 | 0.03 | 1012803 |
| 1012901 | 22 | 0.26 | 4,273 | 0.06 | 1012901 |
| 1012903 | 45 | 0.53 | 2,366 | 0.03 | 1012903 |
| 1013101 | 21 | 0.25 | 5,015 | 0.07 | 1013101 |
| 1013103 | 22 | 0.26 | 2,236 | 0.03 | 1013103 |
| 1024801 | 28 | 0.33 | 3,847 | 0.05 | 1024801 |
| 1024803 | 36 | 0.42 | 2,040 | 0.03 | 1024803 |
| 1025201 | 19 | 0.22 | 5,773 | 0.08 | 1025201 |
| 1025203 | 14 | 0.16 | 3,185 | 0.04 | 1025203 |
| 1025206 | 19 | 0.22 | 6,480 | 0.09 | 1025206 |
| 1028001 | 19 | 0.22 | 8,658 | 0.12 | 1028001 |
| 1028003 | 20 | 0.23 | 8,078 | 0.11 | 1028003 |
| 1028006 | 9 | 0.11 | 985 | 0.01 | 1028006 |
| 1030601 | 42 | 0.49 | 10,893 | 0.15 | 1030601 |
| 1030603 | 31 | 0.36 | 632 | 0.01 | 1030603 |
| 1031003 | 137 | 1.60 | 4,528 | 0.06 | 1031003 |
| 1033001 | 13 | 0.15 | 15,907 | 0.21 | 1033001 |
| 1033003 | 5 | 0.06 | 2,295 | 0.03 | 1033003 |
| 1033006 | 6 | 0.07 | 3,495 | 0.05 | 1033006 |
| 1035601 | 21 | 0.25 | 5,216 | 0.07 | 1035601 |
| 1035603 | 50 | 0.59 | 2,762 | 0.04 | 1035603 |
| 1036401 | 35 | 0.41 | 6,701 | 0.09 | 1036401 |
| 1036403 | 20 | 0.23 | 1,069 | 0.01 | 1036403 |
| 1038501 | 24 | 0.28 | 10,739 | 0.14 | 1038501 |
| 1038503 | 35 | 0.41 | 5,326 | 0.07 | 1038503 |
| 1040501 | 14 | 0.16 | 4,196 | 0.06 | 1040501 |
| 1040503 | 7 | 0.08 | 1,523 | 0.02 | 1040503 |
| 1040506 | 20 | 0.23 | 4,329 | 0.06 | 1040506 |
| 1040701 | 16 | 0.19 | 3,229 | 0.04 | 1040701 |
| 1040703 | 9 | 0.11 | 1,728 | 0.02 | 1040703 |
| 1040706 | 18 | 0.21 | 3,842 | 0.05 | 1040706 |
| 1060701 | 25 | 0.29 | 11,743 | 0.16 | 1060701 |
| 1060703 | 11 | 0.13 | 4,392 | 0.06 | 1060703 |
| 1060706 | 11 | 0.13 | 10,296 | 0.14 | 1060706 |
| 1060901 | 23 | 0.27 | 15,975 | 0.21 | 1060901 |
| 1060903 | 9 | 0.11 | 3,994 | 0.05 | 1060903 |
| 1060906 | 7 | 0.08 | 3,288 | 0.04 | 1060906 |
| 1061201 | 23 | 0.27 | 24,557 | 0.33 | 1061201 |
| 1061203 | 13 | 0.15 | 4,085 | 0.05 | 1061203 |
| 1062001 | 13 | 0.15 | 2,761 | 0.04 | 1062001 |
| 1062003 | 46 | 0.54 | 4,465 | 0.06 | 1062003 |
| 1062101 | 29 | 0.34 | 21,939 | 0.29 | 1062101 |
| 1062103 | 9 | 0.11 | 2,885 | 0.04 | 1062103 |
| 1062106 | 4 | 0.05 | 1,200 | 0.02 | 1062106 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|-----------------|
| 1062201 | 26 | 0.30 | 13,054 | 0.17 | 1062201 |
| 1062203 | 22 | 0.26 | 6,032 | 0.08 | 1062203 |
| 1063301 | 45 | 0.53 | 9,091 | 0.12 | 1063301 |
| 1063303 | 22 | 0.26 | 2,878 | 0.04 | 1063303 |
| 1080401 | 48 | 0.56 | 9,095 | 0.12 | 1080401 |
| 1080403 | 11 | 0.13 | 1,852 | 0.02 | 1080403 |
| 1080503 | 142 | 1.66 | 4,323 | 0.06 | 1080503 |
| 1080601 | 59 | 0.69 | 9,901 | 0.13 | 1080601 |
| 1080603 | 17 | 0.20 | 3,320 | 0.04 | 1080603 |
| 1603401 | 22 | 0.26 | 4,890 | 0.07 | 1603401 |
| 1603403 | 14 | 0.16 | 3,819 | 0.05 | 1603403 |
| 1603406 | 14 | 0.16 | 3,485 | 0.05 | 1603406 |
| 1713901 | 49 | 0.57 | 10,374 | 0.14 | 1713901 |
| 1713903 | 32 | 0.37 | 1,266 | 0.02 | 1713903 |
| 1900101 | 134 | 1.57 | 346,558 | 4.64 | 1900101 |
| 1900103 | 10 | 0.12 | 18,296 | 0.25 | 1900103 |
| 1900106 | 17 | 0.20 | 27,633 | 0.37 | 1900106 |
| 1900301 | 144 | 1.69 | 167,066 | 2.24 | 1900301 |
| 1900303 | 13 | 0.15 | 13,282 | 0.18 | 1900303 |
| 1900306 | 30 | 0.35 | 23,207 | 0.31 | 1900306 |
| 1900401 | 164 | 1.92 | 61,466 | 0.82 | 1900401 |
| 1900403 | 17 | 0.20 | 5,518 | 0.07 | 1900403 |
| 1900406 | 8 | 0.09 | 6,496 | 0.09 | 1900406 |
| 2900102 | 51 | 0.60 | 154,336 | 2.07 | 2900102 |
| 2900105 | 183 | 2.14 | 458,354 | 6.14 | 2900105 |
| 2900302 | 66 | 0.77 | 64,107 | 0.86 | 2900302 |
| 2900305 | 194 | 2.27 | 155,950 | 2.09 | 2900305 |
| 3900104 | 155 | 1.81 | 216,225 | 2.90 | 3900104 |
| 3900107 | 170 | 1.99 | 725,770 | 9.72 | 3900107 |
| 3900304 | 198 | 2.32 | 112,170 | 1.50 | 3900304 |
| 3900307 | 152 | 1.78 | 261,582 | 3.50 | 3900307 |
| 3900404 | 342 | 4.00 | 45,895 | 0.61 | 3900404 |
| 6999999 | 199 | 2.33 | 2,280,177 | 30.54 | 6999999 |

ENBGSMPPL -**Enrollment by beneficiary category**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------------|
| 01 | 3,109 | 36.40 | 1,701,591 | 22.79 | Active Duty |
| 02 | 118 | 1.38 | 221,722 | 2.97 | Active Duty fam,Prime,civ PCM |
| 03 | 1,069 | 12.52 | 439,968 | 5.89 | Active Duty fam,Prime,mil PCM |
| 04 | 199 | 2.33 | 176,048 | 2.36 | Active Duty fam,non-enrollee |
| 05 | 376 | 4.40 | 611,024 | 8.18 | Retired,<65,civ PCM |
| 06 | 2,576 | 30.16 | 687,004 | 9.20 | Retired,<65,mil PCM |
| 07 | 651 | 7.62 | 1,030,109 | 13.79 | Retired,<65,non-enrollee |
| 08 | 7 | 0.08 | 88,664 | 1.19 | Retired,65+,civ PCM |
| 09 | 22 | 0.26 | 232,834 | 3.12 | Retired,65+,mil PCM |
| 10 | 170 | 1.99 | 1,958,679 | 26.23 | Retired,65+,non-enrollee |
| 11 | 244 | 2.86 | 319,739 | 4.28 | TRICARE Reserve Select |

MPCSMPL -**Military personnel category**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------|
| 1 | 5,851 | 68.50 | 5,136,169 | 68.78 | Enlisted/Unknown |
| 2 | 2,444 | 28.61 | 2,127,078 | 28.48 | Officer |
| 3 | 246 | 2.88 | 204,135 | 2.73 | Warrant officer |

NHFF -**Stratum sample size**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|------------|------------------|--------------------|----------------|------------------|-----------------|
| 81 -- 4885 | 8,541 | 100.00 | 7,467,383 | 100.00 | 0--9999 |

QUARTER -**Survey quarter**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------|------------------|--------------------|----------------|------------------|-----------------|
| Q2FY2020 | 8,541 | 100.00 | 7,467,383 | 100.00 | Q2FY2020 |

D_HEALTH -**Health service region**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------|
| 00 | 147 | 1.72 | 44,323 | 0.59 | No region |
| 13 | 494 | 5.78 | 123,203 | 1.65 | Europe |
| 14 | 391 | 4.58 | 136,506 | 1.83 | Pacific |
| 15 | 139 | 1.63 | 30,115 | 0.40 | Latin America & Canada |
| 23 | 4,327 | 50.66 | 4,971,209 | 66.57 | Revised TNEX Region East |
| 24 | 3,043 | 35.63 | 2,162,027 | 28.95 | Revised TNEX Region West |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| N | 1,923 | 22.51 | 2,686,966 | 35.98 | North |
| O | 1,142 | 13.37 | 306,384 | 4.10 | Other |
| S | 2,409 | 28.21 | 2,302,020 | 30.83 | South |
| W | 3,067 | 35.91 | 2,172,013 | 29.09 | West |

BWT -**Basic sampling weight**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 3.915 -- 5.900 | 1,123 | 13.15 | 47,333 | 0.63 | Minimum to 10th Percentile |
| 5.925 -- 8.288 | 937 | 10.97 | 74,001 | 0.99 | >10th to 25th Percentile |
| 8.523 -- 29.106 | 2,277 | 26.66 | 550,025 | 7.37 | >25th to 50th Percentile |
| 29.815 -- 66.384 | 2,089 | 24.46 | 1,056,254 | 14.14 | >50th to 75th Percentile |
| 67.113 -- 220.131 | 1,376 | 16.11 | 1,789,839 | 23.97 | >75th to 90th Percentile |
| 227.370 -- 2845.491 | 739 | 8.65 | 3,949,931 | 52.90 | >90th to 100th Percentile |

RACEETHN -**Race/Ethnic code**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| | 1,907 | 22.33 | 2,347,407 | 31.44 | Missing |
| A | 220 | 2.58 | 103,646 | 1.39 | American Indian or Alaskan Native or Other |
| B | 395 | 4.62 | 272,643 | 3.65 | Asian or Pacific Islander |
| C | 784 | 9.18 | 550,008 | 7.37 | Black(not Hispanic) |
| D | 3,892 | 45.57 | 2,785,229 | 37.30 | White(not Hispanic) |
| E | 619 | 7.25 | 381,512 | 5.11 | Hispanic |
| Z | 724 | 8.48 | 1,026,937 | 13.75 | Unknown |

PNSEXCD -**Person gender**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| F | 3,819 | 44.71 | 3,664,904 | 49.08 | Female |
| M | 4,722 | 55.29 | 3,802,479 | 50.92 | Male |

RDAGEQY -**Age at time of sample preparation-Capped (18 and below, 65 and above)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------|------------------|--------------------|----------------|------------------|-----------------|
| 18 | 66 | 0.77 | 94,447 | 1.26 | 18 and younger |
| 19 -- 34 | 2,568 | 30.07 | 2,145,210 | 28.73 | 19--34 |
| 35 -- 44 | 1,700 | 19.90 | 947,242 | 12.69 | 35--44 |
| 45 -- 54 | 1,402 | 16.41 | 576,296 | 7.72 | 45--54 |
| 55 -- 64 | 2,605 | 30.50 | 1,423,993 | 19.07 | 55--64 |
| 65 | 200 | 2.34 | 2,280,194 | 30.54 | 65 and older |

RFLDAGE -**Age at start of fielding period-Capped (18 and below, 65 and above)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------|------------------|--------------------|----------------|------------------|-----------------|
| 18 | 54 | 0.63 | 81,295 | 1.09 | 18 and younger |
| 19 -- 34 | 2,547 | 29.82 | 2,134,386 | 28.58 | 19--34 |
| 35 -- 44 | 1,719 | 20.13 | 966,100 | 12.94 | 35--44 |
| 45 -- 54 | 1,385 | 16.22 | 571,147 | 7.65 | 45--54 |
| 55 -- 64 | 2,608 | 30.54 | 1,410,219 | 18.89 | 55--64 |
| 65 | 228 | 2.67 | 2,304,235 | 30.86 | 65 and older |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|----------------------------|
| | 1,276 | 14.94 | 3,496,339 | 46.82 | Missing/Unknown/NA |
| CIV | 604 | 7.07 | 1,033,861 | 13.85 | TRICARE enrollee w/civ PCM |
| MTF | 6,661 | 77.99 | 2,937,183 | 39.33 | TRICARE enrollee w/mil PCM |

DBENCAT -**Beneficiary category**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------------|
| ACT | 2,727 | 31.93 | 1,497,782 | 20.06 | Active Duty |
| DA | 1,237 | 14.48 | 724,462 | 9.70 | Dependent of Active Duty |
| DGR | 126 | 1.48 | 95,045 | 1.27 | Dependent of Guard/Reserve |
| DR | 1,564 | 18.31 | 2,025,970 | 27.13 | Dependent of Retiree |
| DS | 115 | 1.35 | 250,830 | 3.36 | Survivor |
| GRD | 360 | 4.21 | 184,070 | 2.46 | Guard/Reserve |
| IDG | 190 | 2.22 | 173,716 | 2.33 | Dependent of Inactive Guard |
| IGR | 99 | 1.16 | 183,993 | 2.46 | Inactive Guard/Reserve |
| OTH | 2 | 0.02 | 148 | 0.00 | Other |
| RET | 2,121 | 24.83 | 2,331,366 | 31.22 | Retiree |

DSPONSVC -**Derived sponsor branch of service**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| A | 2,612 | 30.58 | 2,815,693 | 37.71 | Army |
| C | 169 | 1.98 | 231,025 | 3.09 | Coast Guard |
| F | 3,794 | 44.42 | 2,235,107 | 29.93 | Air Force |
| M | 424 | 4.96 | 509,241 | 6.82 | Marine Corps |
| N | 1,289 | 15.09 | 1,453,295 | 19.46 | Navy |
| V | 209 | 2.45 | 202,433 | 2.71 | Navy Afloat |
| X | 44 | 0.52 | 20,587 | 0.28 | Other |

PATCAT -**Aggregated beneficiary category**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|---------|------------------|--------------------|----------------|------------------|--|
| ACTDTY | 3,186 | 37.30 | 1,865,846 | 24.99 | Active Duty and Guard/Reserve |
| DEPACT | 1,553 | 18.18 | 993,223 | 13.30 | Dependent of Active Duty & Guard/Reserve |
| NADD65+ | 199 | 2.33 | 2,280,177 | 30.54 | Retiree/Depend of Retir/Surviv/Other 65+ |
| NADD<65 | 3,603 | 42.18 | 2,328,137 | 31.18 | Retiree/Depend of Retir/Surviv/Other <65 |

PNTYPECD -**Person type code**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| D | 3,195 | 37.41 | 3,247,012 | 43.48 | Dependent |
| S | 5,346 | 62.59 | 4,220,370 | 56.52 | Sponsor |

DELGENRC -**DEERS Eligibility-Enrollment Code**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------------|
| TE | 211 | 2.47 | 259,866 | 3.48 | TRICARE Entitled, Non-TFL |
| TFL | 223 | 2.61 | 2,041,027 | 27.33 | TRICARE For Life (TFL) |
| TP | 6,847 | 80.17 | 3,282,484 | 43.96 | TRICARE Prime |
| TPL | 136 | 1.59 | 223,127 | 2.99 | TRICARE Plus |
| TRR | 7 | 0.08 | 12,505 | 0.17 | TRICARE Retired Reserve (TRR) |
| TRS | 244 | 2.86 | 319,739 | 4.28 | TRICARE Reserve Select (TRS) |
| TS | 801 | 9.38 | 1,122,808 | 15.04 | TRICARE Select |
| U | 71 | 0.83 | 205,568 | 2.75 | Designated Provider (USFHP) |
| Z | 1 | 0.01 | 259 | 0.00 | None |

**DENRGRPC -
DEERS Enroll Group Code**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------------|
| D | 211 | 2.47 | 259,866 | 3.48 | Direct Care Only |
| L | 136 | 1.59 | 223,127 | 2.99 | TRICARE Plus |
| P | 6,847 | 80.17 | 3,282,484 | 43.96 | TRICARE Prime |
| S | 1,052 | 12.32 | 1,455,052 | 19.49 | TRICARE Select |
| U | 71 | 0.83 | 205,568 | 2.75 | Designated Provider (USFHP) |
| Z | 224 | 2.62 | 2,041,286 | 27.34 | Not Enrolled |

**H20001 -
Are you the person listed on the cover letter**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 80 | 0.94 | 51,078 | 0.68 | Did not answer |
| 1 | 8,450 | 98.93 | 7,403,309 | 99.14 | Yes |
| 2 | 11 | 0.13 | 12,996 | 0.17 | No |

**H20002A -
Health plan(s) covered: TRICARE Prime**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 6,645 | 77.80 | 3,398,835 | 45.52 | Marked |
| 2 | 1,896 | 22.20 | 4,068,548 | 54.48 | Not marked |

**H20002C -
Health plan(s) covered: TRICARE Select**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 710 | 8.31 | 928,029 | 12.43 | Marked |
| 2 | 7,831 | 91.69 | 6,539,353 | 87.57 | Not marked |

**H20002N -
Health plan(s) covered: TRICARE Plus**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 78 | 0.91 | 53,130 | 0.71 | Marked |
| 2 | 8,463 | 99.09 | 7,414,252 | 99.29 | Not marked |

H20002O -**Health plan(s) covered: TRICARE For Life**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 585 | 6.85 | 2,395,235 | 32.08 | Marked |
| 2 | 7,956 | 93.15 | 5,072,147 | 67.92 | Not marked |

H20002P -**Health plan(s) covered: TRICARE Supplemental Insurance**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 23 | 0.27 | 35,536 | 0.48 | Marked |
| 2 | 8,518 | 99.73 | 7,431,846 | 99.52 | Not marked |

H20002Q -**Health plan(s) covered: TRICARE Reserve Select**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 248 | 2.90 | 307,203 | 4.11 | Marked |
| 2 | 8,293 | 97.10 | 7,160,180 | 95.89 | Not marked |

H20002S -**Health plan(s) covered: TRICARE Retired Reserve**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 103 | 1.21 | 142,190 | 1.90 | Marked |
| 2 | 8,438 | 98.79 | 7,325,193 | 98.10 | Not marked |

H20002T -**Health plan(s) covered: TRICARE Young Adult Prime**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 14 | 0.16 | 15,888 | 0.21 | Marked |
| 2 | 8,527 | 99.84 | 7,451,495 | 99.79 | Not marked |

H20002V -**Health plan(s) covered: TRICARE Young Adult Extra or Standard**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 10 | 0.12 | 18,065 | 0.24 | Marked |
| 2 | 8,531 | 99.88 | 7,449,318 | 99.76 | Not marked |

H20002K -**Health plan(s) covered: Uniformed Services Family Health Plan (USFHP)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 66 | 0.77 | 112,511 | 1.51 | Marked |
| 2 | 8,475 | 99.23 | 7,354,872 | 98.49 | Not marked |

H20002U -**Health plan(s) covered: Continued Health Care Benefit Program (CHCBP)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 7 | 0.08 | 3,434 | 0.05 | Marked |
| 2 | 8,534 | 99.92 | 7,463,949 | 99.95 | Not marked |

H20002F -**Health plan(s) covered: Medicare**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 439 | 5.14 | 2,342,607 | 31.37 | Marked |
| 2 | 8,102 | 94.86 | 5,124,775 | 68.63 | Not marked |

H20002G -**Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 124 | 1.45 | 162,140 | 2.17 | Marked |
| 2 | 8,417 | 98.55 | 7,305,242 | 97.83 | Not marked |

H20002H -**Health plan(s) covered: Medicaid**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 28 | 0.33 | 68,493 | 0.92 | Marked |
| 2 | 8,513 | 99.67 | 7,398,890 | 99.08 | Not marked |

H20002I -**Health plan(s) covered: civilian HMO**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 60 | 0.70 | 52,657 | 0.71 | Marked |
| 2 | 8,481 | 99.30 | 7,414,726 | 99.29 | Not marked |

H20002J -**Health plan(s) covered: other civilian health insurance**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 296 | 3.47 | 426,225 | 5.71 | Marked |
| 2 | 8,245 | 96.53 | 7,041,158 | 94.29 | Not marked |

H20002M -**Health plan(s) covered: Veterans Administration (VA)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 766 | 8.97 | 703,716 | 9.42 | Marked |
| 2 | 7,775 | 91.03 | 6,763,667 | 90.58 | Not marked |

H20002R -**Health plan(s) covered: other Non-US government health insurance**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 49 | 0.57 | 13,821 | 0.19 | Marked |
| 2 | 8,492 | 99.43 | 7,453,561 | 99.81 | Not marked |

H20002L -**Health plan(s) covered: not sure**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 522 | 6.11 | 381,517 | 5.11 | Marked |
| 2 | 8,019 | 93.89 | 7,085,865 | 94.89 | Not marked |

H20003 -**Which health plan did you use most in the past 12 months?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 300 | 3.51 | 237,244 | 3.18 | Did not answer |
| D | 312 | 3.65 | 257,941 | 3.45 | Not sure |
| N | 434 | 5.08 | 257,646 | 3.45 | Didn't use any health plan in past year |
| 1 | 5,594 | 65.50 | 2,811,362 | 37.65 | TRICARE Prime |
| 3 | 439 | 5.14 | 641,657 | 8.59 | TRICARE Select |
| 4 | 273 | 3.20 | 1,992,909 | 26.69 | Medicare |
| 5 | 63 | 0.74 | 58,549 | 0.78 | Federal Employees Health Benefit Program |
| 6 | 16 | 0.19 | 30,736 | 0.41 | Medicaid |
| 7 | 48 | 0.56 | 68,138 | 0.91 | A civilian HMO |
| 8 | 244 | 2.86 | 289,744 | 3.88 | Other civilian health insurance |
| 9 | 51 | 0.60 | 80,023 | 1.07 | Uniformed Services Family Health Plan |
| 10 | 411 | 4.81 | 352,868 | 4.73 | The Veterans Administration |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| 11 | 44 | 0.52 | 32,609 | 0.44 | TRICARE Plus |
| 12 | 194 | 2.27 | 249,772 | 3.34 | TRICARE Reserve Select |
| 13 | 54 | 0.63 | 17,163 | 0.23 | Govmnt health insmnc frm Non-US cntry |
| 14 | 45 | 0.53 | 74,972 | 1.00 | TRICARE Retired Reserve |
| 15 | 9 | 0.11 | 4,635 | 0.06 | TRICARE Young Adult Prime |
| 16 | 1 | 0.01 | 99 | 0.00 | Continued Health Care Benefit Program |
| 17 | 3 | 0.04 | 7,152 | 0.10 | TRICARE Young Adult Select Enrollees |
| 19 | 6 | 0.07 | 2,164 | 0.03 | TRICARE Supplemental Insurance |

H20004 -
Months or years in a row with health plan

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 131 | 1.53 | 81,574 | 1.09 | Did not answer |
| C | 8 | 0.09 | 8,507 | 0.11 | Should be skipped |
| N | 738 | 8.64 | 507,081 | 6.79 | Valid skip |
| 1 | 105 | 1.23 | 90,992 | 1.22 | Less than 6 months |
| 2 | 288 | 3.37 | 260,861 | 3.49 | 6 up to 12 months |
| 3 | 541 | 6.33 | 521,875 | 6.99 | 12 up to 24 months |
| 4 | 1,171 | 13.71 | 1,225,484 | 16.41 | 2 up to 5 years |
| 5 | 1,363 | 15.96 | 1,598,374 | 21.40 | 5 up to 10 years |
| 6 | 4,196 | 49.13 | 3,172,636 | 42.49 | 10 or more years |

H20005 -
In last year: facility used most for health care

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---|
| . | 20 | 0.23 | 10,219 | 0.14 | Did not answer |
| 1 | 5,447 | 63.77 | 2,487,096 | 33.31 | A military facility |
| 2 | 2,363 | 27.67 | 4,254,204 | 56.97 | A civilian facility |
| 3 | 30 | 0.35 | 41,535 | 0.56 | Uniformed Services Fam Hlth Plan facility |
| 4 | 435 | 5.09 | 414,075 | 5.55 | Veterans Affairs (VA) clinic or hospital |
| 5 | 246 | 2.88 | 260,253 | 3.49 | Went to none of listed types of facility |

H20006 -**In last year: have illness/injury/condition that needed care right away**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 9 | 0.11 | 8,659 | 0.12 | Did not answer |
| 1 | 3,653 | 42.77 | 3,360,847 | 45.01 | Yes |
| 2 | 4,879 | 57.12 | 4,097,877 | 54.88 | No |

H20007 -**In last year: how often got care as soon as you needed it**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 37 | 0.43 | 34,121 | 0.46 | Did not answer |
| C | 133 | 1.56 | 90,361 | 1.21 | Should be skipped |
| N | 4,746 | 55.57 | 4,007,516 | 53.67 | Didn't need care right away in past year |
| 1 | 140 | 1.64 | 93,567 | 1.25 | Never |
| 2 | 579 | 6.78 | 391,457 | 5.24 | Sometimes |
| 3 | 774 | 9.06 | 666,064 | 8.92 | Usually |
| 4 | 2,132 | 24.96 | 2,184,296 | 29.25 | Always |

H20008 -**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 |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 49 | 0.57 | 49,973 | 0.67 | Did not answer |
| C | 130 | 1.52 | 88,877 | 1.19 | Should be skipped |
| N | 4,749 | 55.60 | 4,008,999 | 53.69 | Didn't need care right away in past year |
| 1 | 1,934 | 22.64 | 1,981,473 | 26.54 | Same day |
| 2 | 488 | 5.71 | 440,811 | 5.90 | 1 day |
| 3 | 284 | 3.33 | 273,524 | 3.66 | 2 days |
| 4 | 161 | 1.89 | 97,432 | 1.30 | 3 days |
| 5 | 377 | 4.41 | 284,373 | 3.81 | 4 to 7 days |
| 6 | 180 | 2.11 | 113,287 | 1.52 | 8 to 14 days |
| 7 | 189 | 2.21 | 128,632 | 1.72 | 15 days or longer |

H20009 -**In last year: made appointments for non-urgent health care**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 3 | 0.04 | 1,499 | 0.02 | Did not answer |
| 1 | 7,212 | 84.44 | 6,512,720 | 87.22 | Yes |
| 2 | 1,326 | 15.53 | 953,163 | 12.76 | No |

H20010 -**In last year: how often got appointments for non-urgent health care as soon as you needed**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------------------|
| . | 66 | 0.77 | 43,875 | 0.59 | Did not answer |
| C | 51 | 0.60 | 52,738 | 0.71 | Should be skipped |
| N | 1,275 | 14.93 | 900,425 | 12.06 | Didn't have appointment in past year |
| 1 | 403 | 4.72 | 219,418 | 2.94 | Never |
| 2 | 1,743 | 20.41 | 1,206,553 | 16.16 | Sometimes |
| 3 | 2,189 | 25.63 | 1,820,062 | 24.37 | Usually |
| 4 | 2,814 | 32.95 | 3,224,311 | 43.18 | Always |

H20011 -**In last year: days between making an appointment and actually seeing a provider for non-urgent health care**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---|
| . | 62 | 0.73 | 75,672 | 1.01 | Did not answer |
| C | 49 | 0.57 | 51,496 | 0.69 | Should be skipped |
| N | 1,277 | 14.95 | 901,667 | 12.07 | Didn't have an appointment in past year |
| 1 | 373 | 4.37 | 486,748 | 6.52 | Same day |
| 2 | 439 | 5.14 | 489,667 | 6.56 | 1 day |
| 3 | 1,387 | 16.24 | 1,384,098 | 18.54 | 2 to 3 days |
| 4 | 1,720 | 20.14 | 1,389,648 | 18.61 | 4 to 7 days |
| 5 | 1,601 | 18.74 | 1,201,809 | 16.09 | 8 to 14 days |
| 6 | 1,172 | 13.72 | 946,845 | 12.68 | 15 to 30 days |
| 7 | 461 | 5.40 | 539,733 | 7.23 | 31 days or longer |

H20012 -**In last year: times went to an emergency room for yourself**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------|
| . | 43 | 0.50 | 47,021 | 0.63 | Did not answer |
| 1 | 6,169 | 72.23 | 5,248,023 | 70.28 | None |
| 2 | 1,526 | 17.87 | 1,459,268 | 19.54 | 1 time |
| 3 | 512 | 5.99 | 437,651 | 5.86 | 2 times |
| 4 | 174 | 2.04 | 175,229 | 2.35 | 3 times |
| 5 | 72 | 0.84 | 63,550 | 0.85 | 4 times |
| 6 | 35 | 0.41 | 18,610 | 0.25 | 5 to 9 times |
| 7 | 10 | 0.12 | 18,030 | 0.24 | 10 or more times |

H20013 -**In last year: times went to doctor's office or clinic for self (not counting times went to an ER)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------|
| . | 16 | 0.19 | 14,849 | 0.20 | Did not answer |
| 1 | 1,105 | 12.94 | 790,729 | 10.59 | None |
| 2 | 1,090 | 12.76 | 677,194 | 9.07 | 1 time |
| 3 | 1,575 | 18.44 | 1,266,840 | 16.96 | 2 times |
| 4 | 1,441 | 16.87 | 1,249,969 | 16.74 | 3 times |
| 5 | 1,120 | 13.11 | 1,086,565 | 14.55 | 4 times |
| 6 | 1,535 | 17.97 | 1,624,593 | 21.76 | 5 to 9 times |
| 7 | 659 | 7.72 | 756,643 | 10.13 | 10 or more times |

H20014 -**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 |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 48 | 0.56 | 45,412 | 0.61 | Did not answer |
| C | 54 | 0.63 | 36,871 | 0.49 | Should be skipped |
| N | 1,051 | 12.31 | 753,858 | 10.10 | Valid skip |
| 1 | 1,239 | 14.51 | 844,021 | 11.30 | Never |
| 2 | 2,136 | 25.01 | 1,738,552 | 23.28 | Sometimes |
| 3 | 2,013 | 23.57 | 1,985,266 | 26.59 | Usually |
| 4 | 2,000 | 23.42 | 2,063,402 | 27.63 | Always |

H20015 -**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 |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 6 | 0.07 | 8,828 | 0.12 | Did not answer |
| C | 49 | 0.57 | 35,381 | 0.47 | Should be skipped |
| N | 1,056 | 12.36 | 755,348 | 10.12 | Valid skip |
| 1 | 4,232 | 49.55 | 3,981,264 | 53.32 | Yes |
| 2 | 3,198 | 37.44 | 2,686,562 | 35.98 | No |

H20016 -**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 |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 51 | 0.60 | 52,653 | 0.71 | Did not answer |
| C | 44 | 0.52 | 43,364 | 0.58 | Should be skipped |
| N | 4,259 | 49.87 | 3,433,927 | 45.99 | Valid skip |
| 1 | 2,696 | 31.57 | 2,710,376 | 36.30 | Definitely yes |
| 2 | 1,289 | 15.09 | 1,064,164 | 14.25 | Somewhat yes |
| 3 | 139 | 1.63 | 131,633 | 1.76 | Somewhat no |
| 4 | 63 | 0.74 | 31,266 | 0.42 | Definitely no |

H20017 -

In last year: dr asked which treatment option you thought was best when more than one choice of treatment

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 62 | 0.73 | 73,132 | 0.98 | Did not answer |
| C | 43 | 0.50 | 42,551 | 0.57 | Should be skipped |
| N | 4,260 | 49.88 | 3,434,740 | 46.00 | Valid skip |
| 1 | 2,432 | 28.47 | 2,515,165 | 33.68 | Definitely yes |
| 2 | 1,311 | 15.35 | 1,102,423 | 14.76 | Somewhat yes |
| 3 | 263 | 3.08 | 186,793 | 2.50 | Somewhat no |
| 4 | 170 | 1.99 | 112,579 | 1.51 | Definitely no |

H20018 -

Rating of all health care in last year

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 34 | 0.40 | 15,747 | 0.21 | Did not answer |
| N | 415 | 4.86 | 324,408 | 4.34 | I had no visits in the last 12 months |
| 0 | 81 | 0.95 | 44,183 | 0.59 | 0 |
| 1 | 53 | 0.62 | 43,886 | 0.59 | 1 |
| 2 | 111 | 1.30 | 63,519 | 0.85 | 2 |
| 3 | 214 | 2.51 | 125,941 | 1.69 | 3 |
| 4 | 237 | 2.77 | 163,900 | 2.19 | 4 |
| 5 | 582 | 6.81 | 393,785 | 5.27 | 5 |
| 6 | 518 | 6.06 | 358,160 | 4.80 | 6 |
| 7 | 1,195 | 13.99 | 836,598 | 11.20 | 7 |
| 8 | 1,792 | 20.98 | 1,391,403 | 18.63 | 8 |
| 9 | 1,501 | 17.57 | 1,451,097 | 19.43 | 9 |
| 10 | 1,808 | 21.17 | 2,254,755 | 30.19 | 10 |

H20033 -

In last year: how often easy to get care, tests, or treatment you needed

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 158 | 1.85 | 155,677 | 2.08 | Did not answer |
| 1 | 399 | 4.67 | 293,640 | 3.93 | Never |
| 2 | 1,749 | 20.48 | 1,085,390 | 14.54 | Sometimes |
| 3 | 3,170 | 37.12 | 2,505,139 | 33.55 | Usually |
| 4 | 3,065 | 35.89 | 3,427,536 | 45.90 | Always |

H20019 -**Have one person you think of as your personal doctor**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 4 | 0.05 | 1,360 | 0.02 | Did not answer |
| 1 | 5,964 | 69.83 | 5,908,029 | 79.12 | Yes |
| 2 | 2,573 | 30.13 | 1,557,994 | 20.86 | No |

H20020 -**In last year: number of times visited personal doctor for care for self**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 56 | 0.66 | 37,874 | 0.51 | Did not answer |
| C | 11 | 0.13 | 15,059 | 0.20 | Should be skipped |
| N | 2,562 | 30.00 | 1,542,935 | 20.66 | Valid skip |
| 0 | 621 | 7.27 | 401,052 | 5.37 | None |
| 1 | 1,400 | 16.39 | 1,143,965 | 15.32 | 1 |
| 2 | 1,455 | 17.04 | 1,540,935 | 20.64 | 2 |
| 3 | 1,034 | 12.11 | 1,130,111 | 15.13 | 3 |
| 4 | 676 | 7.91 | 787,597 | 10.55 | 4 |
| 5 | 622 | 7.28 | 739,215 | 9.90 | 5 to 9 |
| 6 | 104 | 1.22 | 128,639 | 1.72 | 10 or more |

H20021 -**In last year: how often personal doctor listened carefully to you**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 87 | 1.02 | 64,930 | 0.87 | Did not answer |
| C | 46 | 0.54 | 36,794 | 0.49 | Should be skipped |
| N | 3,148 | 36.86 | 1,922,252 | 25.74 | I had no visits in the last 12 months |
| 1 | 67 | 0.78 | 48,053 | 0.64 | Never |
| 2 | 445 | 5.21 | 359,385 | 4.81 | Sometimes |
| 3 | 998 | 11.68 | 850,037 | 11.38 | Usually |
| 4 | 3,750 | 43.91 | 4,185,931 | 56.06 | Always |

H20022 -**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 |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 88 | 1.03 | 62,465 | 0.84 | Did not answer |
| C | 41 | 0.48 | 34,938 | 0.47 | Should be skipped |
| N | 3,153 | 36.92 | 1,924,108 | 25.77 | I had no visits in the last 12 months |
| 1 | 44 | 0.52 | 33,607 | 0.45 | Never |
| 2 | 306 | 3.58 | 257,647 | 3.45 | Sometimes |
| 3 | 1,016 | 11.90 | 928,894 | 12.44 | Usually |
| 4 | 3,893 | 45.58 | 4,225,723 | 56.59 | Always |

H20023 -**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 |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 94 | 1.10 | 58,579 | 0.78 | Did not answer |
| C | 40 | 0.47 | 34,710 | 0.46 | Should be skipped |
| N | 3,154 | 36.93 | 1,924,336 | 25.77 | I had no visits in the last 12 months |
| 1 | 65 | 0.76 | 44,772 | 0.60 | Never |
| 2 | 314 | 3.68 | 221,899 | 2.97 | Sometimes |
| 3 | 752 | 8.80 | 690,995 | 9.25 | Usually |
| 4 | 4,122 | 48.26 | 4,492,091 | 60.16 | Always |

H20024 -**In last year: how often your personal doctor spent enough time with you**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 97 | 1.14 | 78,235 | 1.05 | Did not answer |
| C | 42 | 0.49 | 34,790 | 0.47 | Should be skipped |
| N | 3,152 | 36.90 | 1,924,256 | 25.77 | I had no visits in the last 12 months |
| 1 | 125 | 1.46 | 87,302 | 1.17 | Never |
| 2 | 508 | 5.95 | 350,239 | 4.69 | Sometimes |
| 3 | 1,231 | 14.41 | 1,115,884 | 14.94 | Usually |
| 4 | 3,386 | 39.64 | 3,876,675 | 51.91 | Always |

H20025 -**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 |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 55 | 0.64 | 32,958 | 0.44 | Did not answer |
| C | 41 | 0.48 | 35,346 | 0.47 | Should be skipped |
| N | 3,153 | 36.92 | 1,923,701 | 25.76 | Valid skip |
| 1 | 4,011 | 46.96 | 4,516,997 | 60.49 | Yes |
| 2 | 1,281 | 15.00 | 958,381 | 12.83 | No |

H20026 -**In last year: how often personal doctor seemed informed and up-to-date about care received from other drs**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 129 | 1.51 | 69,967 | 0.94 | Did not answer |
| C | 19 | 0.22 | 6,505 | 0.09 | Should be skipped |
| N | 4,456 | 52.17 | 2,910,922 | 38.98 | Valid skip |
| 1 | 426 | 4.99 | 316,961 | 4.24 | Never |
| 2 | 748 | 8.76 | 653,229 | 8.75 | Sometimes |
| 3 | 1,205 | 14.11 | 1,293,864 | 17.33 | Usually |
| 4 | 1,558 | 18.24 | 2,215,933 | 29.67 | Always |

H20027 -**Rating of your personal doctor**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------------------|
| . | 197 | 2.31 | 126,760 | 1.70 | Did not answer |
| C | 9 | 0.11 | 15,204 | 0.20 | Should be skipped |
| N | 2,564 | 30.02 | 1,542,790 | 20.66 | Don't have a personal doctor |
| 0 | 43 | 0.50 | 27,368 | 0.37 | 0 |
| 1 | 35 | 0.41 | 20,545 | 0.28 | 1 |
| 2 | 57 | 0.67 | 42,985 | 0.58 | 2 |
| 3 | 99 | 1.16 | 76,102 | 1.02 | 3 |
| 4 | 89 | 1.04 | 77,771 | 1.04 | 4 |
| 5 | 340 | 3.98 | 224,271 | 3.00 | 5 |
| 6 | 253 | 2.96 | 226,378 | 3.03 | 6 |
| 7 | 532 | 6.23 | 328,682 | 4.40 | 7 |
| 8 | 1,003 | 11.74 | 768,712 | 10.29 | 8 |
| 9 | 1,365 | 15.98 | 1,448,635 | 19.40 | 9 |
| 10 | 1,955 | 22.89 | 2,541,179 | 34.03 | 10 |

H20028 -**In last year: tried to make appointment to see a specialist**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 3 | 0.04 | 1,481 | 0.02 | Did not answer |
| 1 | 5,214 | 61.05 | 4,996,293 | 66.91 | Yes |
| 2 | 3,324 | 38.92 | 2,469,608 | 33.07 | No |

H20029 -**In last year: how often did you get an appointment with specialist as soon as needed**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------|
| . | 55 | 0.64 | 31,940 | 0.43 | Did not answer |
| C | 35 | 0.41 | 25,498 | 0.34 | Should be skipped |
| N | 3,289 | 38.51 | 2,444,110 | 32.73 | Didn't need a specialist |
| 1 | 448 | 5.25 | 343,524 | 4.60 | Never |
| 2 | 1,031 | 12.07 | 748,517 | 10.02 | Sometimes |
| 3 | 1,507 | 17.64 | 1,354,308 | 18.14 | Usually |
| 4 | 2,176 | 25.48 | 2,519,485 | 33.74 | Always |

H20030 -**In last year: how many specialists seen**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------|
| . | 30 | 0.35 | 14,388 | 0.19 | Did not answer |
| C | 39 | 0.46 | 25,397 | 0.34 | Should be skipped |
| N | 3,285 | 38.46 | 2,444,211 | 32.73 | Valid skip |
| 0 | 223 | 2.61 | 202,100 | 2.71 | None |
| 1 | 2,078 | 24.33 | 1,742,960 | 23.34 | 1 specialist |
| 2 | 1,596 | 18.69 | 1,456,473 | 19.50 | 2 |
| 3 | 797 | 9.33 | 880,219 | 11.79 | 3 |
| 4 | 284 | 3.33 | 379,809 | 5.09 | 4 |
| 5 | 209 | 2.45 | 321,825 | 4.31 | 5 or more specialists |

H20031 -**Rating of specialist seen most often in last year**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---|
| . | 50 | 0.59 | 26,238 | 0.35 | Did not answer |
| C | 44 | 0.52 | 26,790 | 0.36 | Should be skipped |
| N | 3,503 | 41.01 | 2,644,918 | 35.42 | Didn't see specialist in last 12 months |
| 0 | 42 | 0.49 | 41,664 | 0.56 | 0 |
| 1 | 22 | 0.26 | 20,336 | 0.27 | 1 |
| 2 | 46 | 0.54 | 24,743 | 0.33 | 2 |
| 3 | 64 | 0.75 | 54,379 | 0.73 | 3 |
| 4 | 77 | 0.90 | 72,249 | 0.97 | 4 |
| 5 | 198 | 2.32 | 138,360 | 1.85 | 5 |
| 6 | 180 | 2.11 | 135,075 | 1.81 | 6 |
| 7 | 473 | 5.54 | 344,645 | 4.62 | 7 |
| 8 | 924 | 10.82 | 775,204 | 10.38 | 8 |
| 9 | 1,229 | 14.39 | 1,177,093 | 15.76 | 9 |
| 10 | 1,689 | 19.78 | 1,985,689 | 26.59 | 10 |

H20034 -**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 |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 75 | 0.88 | 42,981 | 0.58 | Did not answer |
| 1 | 2,780 | 32.55 | 2,502,907 | 33.52 | Yes |
| 2 | 5,686 | 66.57 | 4,921,495 | 65.91 | No |

H20035 -

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 |
|-------|------------------|--------------------|----------------|------------------|-----------------------------|
| . | 90 | 1.05 | 54,005 | 0.72 | Did not answer |
| C | 80 | 0.94 | 55,989 | 0.75 | Should be skipped |
| N | 5,606 | 65.64 | 4,865,506 | 65.16 | Didn't look for information |
| 1 | 154 | 1.80 | 128,196 | 1.72 | Never |
| 2 | 960 | 11.24 | 738,596 | 9.89 | Sometimes |
| 3 | 1,149 | 13.45 | 1,097,073 | 14.69 | Usually |
| 4 | 502 | 5.88 | 528,017 | 7.07 | Always |

H20036 -

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 78 | 0.91 | 52,824 | 0.71 | Did not answer |
| 1 | 1,472 | 17.23 | 1,248,944 | 16.73 | Yes |
| 2 | 6,991 | 81.85 | 6,165,615 | 82.57 | No |

H20037 -

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 |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 101 | 1.18 | 80,293 | 1.08 | Did not answer |
| C | 83 | 0.97 | 59,348 | 0.79 | Should be skipped |
| N | 6,908 | 80.88 | 6,106,266 | 81.77 | Didn't need hlth care service/equipmnt |
| 1 | 266 | 3.11 | 201,310 | 2.70 | Never |
| 2 | 405 | 4.74 | 331,493 | 4.44 | Sometimes |
| 3 | 446 | 5.22 | 397,106 | 5.32 | Usually |
| 4 | 332 | 3.89 | 291,566 | 3.90 | Always |

H20038 -

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 |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 79 | 0.92 | 52,982 | 0.71 | Did not answer |
| 1 | 1,283 | 15.02 | 1,503,561 | 20.14 | Yes |
| 2 | 7,179 | 84.05 | 5,910,840 | 79.16 | No |

H20039 -**In last year: how often able to find out cost of prescription medications**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 90 | 1.05 | 63,890 | 0.86 | Did not answer |
| C | 36 | 0.42 | 18,750 | 0.25 | Should be skipped |
| N | 7,143 | 83.63 | 5,892,089 | 78.90 | Didn't need prescription meds/no info |
| 1 | 225 | 2.63 | 186,854 | 2.50 | Never |
| 2 | 316 | 3.70 | 299,705 | 4.01 | Sometimes |
| 3 | 366 | 4.29 | 372,196 | 4.98 | Usually |
| 4 | 365 | 4.27 | 633,897 | 8.49 | Always |

H20040 -**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 |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 79 | 0.92 | 47,644 | 0.64 | Did not answer |
| 1 | 2,262 | 26.48 | 1,883,067 | 25.22 | Yes |
| 2 | 6,200 | 72.59 | 5,536,671 | 74.14 | No |

H20041 -**In last year: how often did customer service give needed information or help**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 107 | 1.25 | 85,444 | 1.14 | Did not answer |
| C | 104 | 1.22 | 49,284 | 0.66 | Should be skipped |
| N | 6,096 | 71.37 | 5,487,387 | 73.48 | Didn't call hlth plan's customer service |
| 1 | 167 | 1.96 | 135,122 | 1.81 | Never |
| 2 | 557 | 6.52 | 408,984 | 5.48 | Sometimes |
| 3 | 662 | 7.75 | 580,092 | 7.77 | Usually |
| 4 | 848 | 9.93 | 721,070 | 9.66 | Always |

H20042 -**In last year: how often did customer service treat with courtesy and respect**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 116 | 1.36 | 82,710 | 1.11 | Did not answer |
| C | 102 | 1.19 | 48,817 | 0.65 | Should be skipped |
| N | 6,098 | 71.40 | 5,487,854 | 73.49 | Didn't call hlth plan's customer service |
| 1 | 41 | 0.48 | 24,594 | 0.33 | Never |
| 2 | 192 | 2.25 | 138,054 | 1.85 | Sometimes |
| 3 | 520 | 6.09 | 410,020 | 5.49 | Usually |
| 4 | 1,472 | 17.23 | 1,275,333 | 17.08 | Always |

H20043 -**In last year: health plan gave forms to fill out**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 77 | 0.90 | 46,394 | 0.62 | Did not answer |
| 1 | 1,963 | 22.98 | 1,524,591 | 20.42 | Yes |
| 2 | 6,501 | 76.12 | 5,896,398 | 78.96 | No |

H20044 -**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 |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 95 | 1.11 | 52,550 | 0.70 | Did not answer |
| C | 113 | 1.32 | 80,707 | 1.08 | Should be skipped |
| N | 6,388 | 74.79 | 5,815,691 | 77.88 | Didn't have experience with paperwork |
| 1 | 69 | 0.81 | 33,733 | 0.45 | Never |
| 2 | 244 | 2.86 | 155,740 | 2.09 | Sometimes |
| 3 | 857 | 10.03 | 745,327 | 9.98 | Usually |
| 4 | 775 | 9.07 | 583,634 | 7.82 | Always |

H20045 -**In last year: sent in any claims to your health plan**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 75 | 0.88 | 45,569 | 0.61 | Did not answer |
| D | 2,067 | 24.20 | 1,553,060 | 20.80 | Don't know |
| 1 | 2,921 | 34.20 | 3,426,743 | 45.89 | Yes |
| 2 | 3,478 | 40.72 | 2,442,010 | 32.70 | No |

H20046 -**In last year: how often health plan handled claims quickly**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------------------------|
| . | 107 | 1.25 | 59,522 | 0.80 | Did not answer |
| C | 83 | 0.97 | 53,432 | 0.72 | Should be skipped |
| D | 452 | 5.29 | 569,185 | 7.62 | Don't know |
| N | 5,462 | 63.95 | 3,941,639 | 52.78 | No claims sent for me in past year |
| 1 | 163 | 1.91 | 113,184 | 1.52 | Never |
| 2 | 312 | 3.65 | 213,051 | 2.85 | Sometimes |
| 3 | 794 | 9.30 | 933,418 | 12.50 | Usually |
| 4 | 1,168 | 13.68 | 1,583,953 | 21.21 | Always |

H20047 -**In last year: how often health plan handled claims correctly**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------------------------|
| . | 102 | 1.19 | 58,646 | 0.79 | Did not answer |
| C | 82 | 0.96 | 55,731 | 0.75 | Should be skipped |
| D | 403 | 4.72 | 433,472 | 5.80 | Don't know |
| N | 5,463 | 63.96 | 3,939,339 | 52.75 | No claims sent for me in past year |
| 1 | 99 | 1.16 | 59,456 | 0.80 | Never |
| 2 | 311 | 3.64 | 230,112 | 3.08 | Sometimes |
| 3 | 765 | 8.96 | 856,962 | 11.48 | Usually |
| 4 | 1,316 | 15.41 | 1,833,665 | 24.56 | Always |

H20048 -**Rating of all experience with health plan**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 163 | 1.91 | 115,372 | 1.55 | Did not answer |
| 0 | 65 | 0.76 | 42,359 | 0.57 | 0 |
| 1 | 54 | 0.63 | 30,136 | 0.40 | 1 |
| 2 | 74 | 0.87 | 47,890 | 0.64 | 2 |
| 3 | 151 | 1.77 | 88,598 | 1.19 | 3 |
| 4 | 193 | 2.26 | 152,289 | 2.04 | 4 |
| 5 | 646 | 7.56 | 422,134 | 5.65 | 5 |
| 6 | 600 | 7.02 | 453,510 | 6.07 | 6 |
| 7 | 1,271 | 14.88 | 945,000 | 12.66 | 7 |
| 8 | 1,738 | 20.35 | 1,445,847 | 19.36 | 8 |
| 9 | 1,697 | 19.87 | 1,665,158 | 22.30 | 9 |
| 10 | 1,889 | 22.12 | 2,059,089 | 27.57 | 10 |

H20049 -**Blood pressure: when last reading**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------|
| . | 125 | 1.46 | 89,050 | 1.19 | Did not answer |
| 1 | 177 | 2.07 | 147,116 | 1.97 | More than 2 years ago |
| 2 | 456 | 5.34 | 281,933 | 3.78 | 1 to 2 years ago |
| 3 | 7,783 | 91.13 | 6,949,284 | 93.06 | Less than 12 months ago |

H20050 -**Blood pressure: know if blood pressure is too high or not**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------|
| . | 128 | 1.50 | 85,280 | 1.14 | Did not answer |
| 1 | 1,268 | 14.85 | 1,210,929 | 16.22 | Yes, it's too high |
| 2 | 6,537 | 76.54 | 5,790,468 | 77.54 | No, it's not too high |
| 3 | 608 | 7.12 | 380,706 | 5.10 | Don't know |

H20051 -**When did you last have a flu shot**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------|
| . | 145 | 1.70 | 103,147 | 1.38 | Did not answer |
| 1 | 467 | 5.47 | 514,580 | 6.89 | Never had a flu shot |
| 2 | 856 | 10.02 | 557,089 | 7.46 | More than 2 years ago |
| 3 | 768 | 8.99 | 565,281 | 7.57 | 1 to 2 years ago |
| 4 | 6,305 | 73.82 | 5,727,286 | 76.70 | Less than 12 months ago |

H20052 -**Smoked at least 100 cigarettes in life**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 143 | 1.67 | 124,387 | 1.67 | Did not answer |
| D | 188 | 2.20 | 120,069 | 1.61 | Don't know |
| 1 | 2,317 | 27.13 | 2,439,250 | 32.67 | Yes |
| 2 | 5,893 | 69.00 | 4,783,678 | 64.06 | No |

H20053 -**Smoke or use tobacco every day, some days, or not at all**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 129 | 1.51 | 79,880 | 1.07 | Did not answer |
| D | 46 | 0.54 | 35,742 | 0.48 | Don't know |
| 2 | 7,426 | 86.95 | 6,627,162 | 88.75 | Not at all |
| 3 | 451 | 5.28 | 346,569 | 4.64 | Some days |
| 4 | 489 | 5.73 | 378,030 | 5.06 | Every day |

H20054 -**Last year: how often advised by doctor to quit smoking or using tobacco**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 118 | 1.38 | 75,273 | 1.01 | Did not answer |
| C | 129 | 1.51 | 113,263 | 1.52 | Should be skipped |
| N | 7,343 | 85.97 | 6,549,641 | 87.71 | Valid skip |
| 1 | 206 | 2.41 | 193,569 | 2.59 | Never |
| 2 | 228 | 2.67 | 186,551 | 2.50 | Sometimes |
| 3 | 209 | 2.45 | 162,093 | 2.17 | Usually |
| 4 | 308 | 3.61 | 186,993 | 2.50 | Always |

H20055 -

Last year: how often medication recommended or discussed by dr to assist with quitting smoking or using tobacco

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 123 | 1.44 | 83,684 | 1.12 | Did not answer |
| C | 92 | 1.08 | 64,898 | 0.87 | Should be skipped |
| N | 7,380 | 86.41 | 6,598,005 | 88.36 | Valid skip |
| 1 | 455 | 5.33 | 426,152 | 5.71 | Never |
| 2 | 214 | 2.51 | 141,500 | 1.89 | Sometimes |
| 3 | 125 | 1.46 | 82,536 | 1.11 | Usually |
| 4 | 152 | 1.78 | 70,607 | 0.95 | Always |

H20056 -

Last year: how often dr recommended/discussed methods and strategies to assist quitting smoking or using tobacco

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 124 | 1.45 | 84,576 | 1.13 | Did not answer |
| C | 68 | 0.80 | 51,341 | 0.69 | Should be skipped |
| N | 7,404 | 86.69 | 6,611,562 | 88.54 | Valid skip |
| 1 | 461 | 5.40 | 411,881 | 5.52 | Never |
| 2 | 213 | 2.49 | 130,478 | 1.75 | Sometimes |
| 3 | 141 | 1.65 | 98,642 | 1.32 | Usually |
| 4 | 130 | 1.52 | 78,902 | 1.06 | Always |

H20057A -

Do you smoke or use: cigarettes

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| N | 7,472 | 87.48 | 6,662,903 | 89.23 | Valid skip |
| 1 | 587 | 6.87 | 453,567 | 6.07 | Marked |
| 2 | 482 | 5.64 | 350,913 | 4.70 | Not marked |

H20057B -

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| N | 7,472 | 87.48 | 6,662,903 | 89.23 | Valid skip |
| 1 | 266 | 3.11 | 193,884 | 2.60 | Marked |
| 2 | 803 | 9.40 | 610,596 | 8.18 | Not marked |

H20057C -**Do you smoke or use: cigars**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| C | 1 | 0.01 | 397 | 0.01 | Should be skipped |
| N | 7,471 | 87.47 | 6,662,506 | 89.22 | Valid skip |
| 1 | 154 | 1.80 | 133,824 | 1.79 | Marked |
| 2 | 915 | 10.71 | 670,655 | 8.98 | Not marked |

H20057D -**Do you smoke or use: pipes, bidis, or kreteks**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| N | 7,472 | 87.48 | 6,662,903 | 89.23 | Valid skip |
| 1 | 54 | 0.63 | 40,620 | 0.54 | Marked |
| 2 | 1,015 | 11.88 | 763,859 | 10.23 | Not marked |

H20058 -**Are you male or female**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 102 | 1.19 | 70,731 | 0.95 | Did not answer |
| 1 | 4,685 | 54.85 | 3,810,124 | 51.02 | Male |
| 2 | 3,754 | 43.95 | 3,586,527 | 48.03 | Female |

H20059B -**Female: last have a Pap smear test**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------------|
| . | 68 | 0.80 | 66,248 | 0.89 | Did not answer |
| C | 11 | 0.13 | 4,662 | 0.06 | Should be skipped |
| N | 4,725 | 55.32 | 3,832,981 | 51.33 | Valid skip |
| 1 | 170 | 1.99 | 205,926 | 2.76 | Never had a Pap smear test |
| 2 | 378 | 4.43 | 668,249 | 8.95 | 5 or more years ago |
| 3 | 394 | 4.61 | 344,071 | 4.61 | More than 3 but less than 5 years ago |
| 4 | 443 | 5.19 | 377,848 | 5.06 | More than 2 but less than 3 years ago |
| 5 | 1,073 | 12.56 | 841,311 | 11.27 | 1 to 2 years ago |
| 6 | 1,279 | 14.97 | 1,126,087 | 15.08 | Within the last 12 months |

H20060 -**Female: are you under age 40**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| C | 21 | 0.25 | 11,078 | 0.15 | Should be skipped |
| N | 4,715 | 55.20 | 3,826,566 | 51.24 | Valid skip |
| 1 | 1,566 | 18.34 | 1,370,059 | 18.35 | Yes |
| 2 | 2,239 | 26.21 | 2,259,680 | 30.26 | No |

H20061 -**Female: last time breasts checked by mammography**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------------------|
| . | 84 | 0.98 | 73,139 | 0.98 | Did not answer |
| C | 51 | 0.60 | 65,879 | 0.88 | Should be skipped |
| N | 6,251 | 73.19 | 5,141,824 | 68.86 | Valid skip |
| 1 | 140 | 1.64 | 137,705 | 1.84 | Never had a mammogram |
| 2 | 90 | 1.05 | 159,928 | 2.14 | 5 or more years ago |
| 3 | 172 | 2.01 | 112,274 | 1.50 | More than 2 less than 5 years ago |
| 4 | 457 | 5.35 | 379,896 | 5.09 | 1 to 2 years ago |
| 5 | 1,296 | 15.17 | 1,396,737 | 18.70 | Within the last 12 months |

H20062 -**Female: been pregnant in last year or pregnant now**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 59 | 0.69 | 45,720 | 0.61 | Did not answer |
| C | 5 | 0.06 | 2,575 | 0.03 | Should be skipped |
| N | 4,731 | 55.39 | 3,835,069 | 51.36 | Valid skip |
| 1 | 119 | 1.39 | 92,141 | 1.23 | Yes, currently pregnant |
| 2 | 206 | 2.41 | 143,790 | 1.93 | No, not currently pregnant but have been |
| 3 | 3,421 | 40.05 | 3,348,087 | 44.84 | No, not currently pregnant/have not been |

H20063 -**Female: in what trimester is your pregnancy**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 59 | 0.69 | 45,720 | 0.61 | Did not answer |
| C | 4 | 0.05 | 1,607 | 0.02 | Should be skipped |
| N | 8,359 | 97.87 | 7,327,914 | 98.13 | Valid skip |
| 1 | 23 | 0.27 | 20,205 | 0.27 | First trimester |
| 2 | 49 | 0.57 | 36,687 | 0.49 | Second trimester |
| 3 | 47 | 0.55 | 35,249 | 0.47 | Third trimester |

H20064 -**Female: trimester first received prenatal care**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------------|
| . | 64 | 0.75 | 48,027 | 0.64 | Did not answer |
| C | 11 | 0.13 | 9,750 | 0.13 | Should be skipped |
| N | 8,169 | 95.64 | 7,196,186 | 96.37 | Valid skip |
| 1 | 17 | 0.20 | 8,603 | 0.12 | Did not receive prenatal care |
| 2 | 2 | 0.02 | 114 | 0.00 | Third trimester |
| 3 | 6 | 0.07 | 3,144 | 0.04 | Second trimester |
| 4 | 272 | 3.18 | 201,559 | 2.70 | First trimester |

H20065 -**In general how would you rate your overall health**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 206 | 2.41 | 135,578 | 1.82 | Did not answer |
| 1 | 117 | 1.37 | 126,404 | 1.69 | Poor |
| 2 | 752 | 8.80 | 733,973 | 9.83 | Fair |
| 3 | 2,846 | 33.32 | 2,392,583 | 32.04 | Good |
| 4 | 3,213 | 37.62 | 2,852,816 | 38.20 | Very Good |
| 5 | 1,407 | 16.47 | 1,226,029 | 16.42 | Excellent |

SREDA -**Highest grade completed**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------|
| . | 253 | 2.96 | 174,855 | 2.34 | Did not answer |
| 1 | 79 | 0.92 | 140,259 | 1.88 | Did not graduate high school |
| 3 | 1,121 | 13.12 | 1,155,862 | 15.48 | High school graduate or GED |
| 4 | 3,069 | 35.93 | 2,787,177 | 37.32 | Some college or 2-year degree |
| 5 | 1,729 | 20.24 | 1,223,839 | 16.39 | 4-year college graduate |
| 6 | 2,290 | 26.81 | 1,985,392 | 26.59 | More than 4-year college degree |

H20073 -**Are you Spanish, Hispanic, or Latino**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--|
| . | 385 | 4.51 | 305,215 | 4.09 | Did not answer |
| 1 | 7,107 | 83.21 | 6,466,772 | 86.60 | No, Not Spanish, Hispanic, or Latino |
| 2 | 410 | 4.80 | 308,638 | 4.13 | Yes, Mexican, Mexican American, Chicano |
| 3 | 307 | 3.59 | 175,073 | 2.34 | Yes, Puerto Rican |
| 4 | 332 | 3.89 | 211,684 | 2.83 | Yes, Cuban or other Spanish, Hispanic, or Latino |

H20073A -
No, not Spanish, Hispanic, or Latino

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 7,124 | 83.41 | 6,475,229 | 86.71 | Marked |
| 2 | 1,417 | 16.59 | 992,153 | 13.29 | Not marked |

H20073B -
Yes, Mexican, Mexican American, Chicano

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 410 | 4.80 | 308,638 | 4.13 | Marked |
| 2 | 8,131 | 95.20 | 7,158,744 | 95.87 | Not marked |

H20073C -
Yes, Puerto Rican

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 333 | 3.90 | 200,364 | 2.68 | Marked |
| 2 | 8,208 | 96.10 | 7,267,019 | 97.32 | Not marked |

H20073D -
Yes, Cuban or other Spanish, Hispanic, or Latino

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 372 | 4.36 | 263,316 | 3.53 | Marked |
| 2 | 8,169 | 95.64 | 7,204,066 | 96.47 | Not marked |

SRRACEA -
Race: White

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 6,393 | 74.85 | 5,855,798 | 78.42 | Marked |
| 2 | 2,148 | 25.15 | 1,611,584 | 21.58 | Not marked |

SRRACEB -
Race: Black or African American

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,059 | 12.40 | 809,220 | 10.84 | Marked |
| 2 | 7,482 | 87.60 | 6,658,163 | 89.16 | Not marked |

SRRACEC -**Race: American Indian or Alaska Native or Native Hawaiian/other Pacific Islander**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 346 | 4.05 | 208,289 | 2.79 | Marked |
| 2 | 8,195 | 95.95 | 7,259,094 | 97.21 | Not marked |

SRRACED -**Race: Asian**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 715 | 8.37 | 531,792 | 7.12 | Marked |
| 2 | 7,826 | 91.63 | 6,935,590 | 92.88 | Not marked |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 244 | 2.86 | 157,074 | 2.10 | Did not answer |
| 1 | 862 | 10.09 | 949,143 | 12.71 | 18 to 24 |
| 2 | 1,607 | 18.82 | 1,170,408 | 15.67 | 25 to 34 |
| 3 | 1,664 | 19.48 | 945,691 | 12.66 | 35 to 44 |
| 4 | 1,339 | 15.68 | 565,545 | 7.57 | 45 to 54 |
| 5 | 2,540 | 29.74 | 1,376,295 | 18.43 | 55 to 64 |
| 6 | 188 | 2.20 | 1,220,473 | 16.34 | 65 to 74 |
| 7 | 97 | 1.14 | 1,082,754 | 14.50 | 75 or older |

S20009 -**Had the same personal doctor before joining this health plan**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 62 | 0.73 | 36,279 | 0.49 | Did not answer |
| C | 15 | 0.18 | 21,318 | 0.29 | Should be skipped |
| N | 2,558 | 29.95 | 1,536,676 | 20.58 | Valid skip |
| 1 | 1,023 | 11.98 | 1,726,636 | 23.12 | Yes |
| 2 | 4,883 | 57.17 | 4,146,474 | 55.53 | No |

S20010 -

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 260 | 3.04 | 142,576 | 1.91 | Did not answer |
| C | 66 | 0.77 | 72,538 | 0.97 | Should be skipped |
| N | 957 | 11.20 | 1,654,098 | 22.15 | Valid skip |
| 1 | 1,088 | 12.74 | 710,559 | 9.52 | A big problem |
| 2 | 1,912 | 22.39 | 1,298,415 | 17.39 | A small problem |
| 3 | 4,258 | 49.85 | 3,589,196 | 48.06 | Not a problem |

S20011 -

Agree/disagree: Able to see provider when needed

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|----------------------------|
| . | 240 | 2.81 | 163,180 | 2.19 | Did not answer |
| 1 | 539 | 6.31 | 421,931 | 5.65 | Strongly disagree |
| 2 | 737 | 8.63 | 385,205 | 5.16 | Disagree |
| 3 | 1,108 | 12.97 | 802,632 | 10.75 | Neither agree nor disagree |
| 4 | 3,546 | 41.52 | 2,786,813 | 37.32 | Agree |
| 5 | 2,371 | 27.76 | 2,907,621 | 38.94 | Strongly agree |

S20014 -

How satisfied with health care during last visit

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------------------------|
| . | 236 | 2.76 | 159,704 | 2.14 | Did not answer |
| 1 | 322 | 3.77 | 286,850 | 3.84 | Completely dissatisfied |
| 2 | 515 | 6.03 | 314,984 | 4.22 | Somewhat dissatisfied |
| 3 | 811 | 9.50 | 581,668 | 7.79 | Neither satisfied nor dissatisfied |
| 4 | 2,344 | 27.44 | 1,673,729 | 22.41 | Somewhat satisfied |
| 5 | 4,313 | 50.50 | 4,450,447 | 59.60 | Completely satisfied |

S20B01 -

Self rate of overall mental/emotional health

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 73 | 0.85 | 57,333 | 0.77 | Did not answer |
| 1 | 3,068 | 35.92 | 2,849,875 | 38.16 | Excellent |
| 2 | 2,596 | 30.39 | 2,185,215 | 29.26 | Very good |
| 3 | 1,808 | 21.17 | 1,457,891 | 19.52 | Good |
| 4 | 787 | 9.21 | 695,561 | 9.31 | Fair |
| 5 | 209 | 2.45 | 221,509 | 2.97 | Poor |

S20B02 -**Last year: needed treatment/counseling-personal prob**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 7 | 0.08 | 3,279 | 0.04 | Did not answer |
| 1 | 1,428 | 16.72 | 1,100,073 | 14.73 | Yes |
| 2 | 7,106 | 83.20 | 6,364,031 | 85.22 | No |

S20B03 -**Last year: problem getting needed treatment/counseling**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 28 | 0.33 | 12,558 | 0.17 | Did not answer |
| N | 7,106 | 83.20 | 6,364,031 | 85.22 | Valid skip |
| 1 | 267 | 3.13 | 214,633 | 2.87 | A big problem |
| 2 | 307 | 3.59 | 215,875 | 2.89 | A small problem |
| 3 | 833 | 9.75 | 660,285 | 8.84 | Not a problem |

S20B04 -**Last year: rate of treatment/counseling received**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---|
| . | 143 | 1.67 | 116,943 | 1.57 | Did not answer |
| C | 6 | 0.07 | 4,003 | 0.05 | Should be skipped |
| N | 7,100 | 83.13 | 6,360,028 | 85.17 | No treatment/counseling in last 12 months |
| 0 | 48 | 0.56 | 54,053 | 0.72 | 0 |
| 1 | 18 | 0.21 | 20,022 | 0.27 | 1 |
| 2 | 39 | 0.46 | 20,130 | 0.27 | 2 |
| 3 | 35 | 0.41 | 13,248 | 0.18 | 3 |
| 4 | 44 | 0.52 | 42,081 | 0.56 | 4 |
| 5 | 98 | 1.15 | 95,343 | 1.28 | 5 |
| 6 | 75 | 0.88 | 51,770 | 0.69 | 6 |
| 7 | 148 | 1.73 | 117,702 | 1.58 | 7 |
| 8 | 222 | 2.60 | 183,969 | 2.46 | 8 |
| 9 | 230 | 2.69 | 140,830 | 1.89 | 9 |
| 10 | 335 | 3.92 | 247,262 | 3.31 | 10 |

S20BF4 -**How often do you use e-cigarettes**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 164 | 1.92 | 116,482 | 1.56 | Did not answer |
| D | 30 | 0.35 | 29,626 | 0.40 | Don't know |
| 1 | 140 | 1.64 | 84,378 | 1.13 | Every day |
| 2 | 200 | 2.34 | 196,519 | 2.63 | Some days |
| 3 | 8,007 | 93.75 | 7,040,378 | 94.28 | Not at all |

S20BG01 -**How many days was physical health not good in past 30 days**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 299 | 3.50 | 205,640 | 2.75 | Did not answer |
| O | 8 | 0.09 | 2,715 | 0.04 | Out of range |
| 0 | 4,474 | 52.38 | 4,100,510 | 54.91 | None |
| 1 | 263 | 3.08 | 215,592 | 2.89 | 1 |
| 2 | 549 | 6.43 | 431,622 | 5.78 | 2 |
| 3 | 416 | 4.87 | 312,928 | 4.19 | 3 |
| 4 | 206 | 2.41 | 139,459 | 1.87 | 4 |
| 5 | 507 | 5.94 | 409,132 | 5.48 | 5 |
| 6 | 67 | 0.78 | 18,800 | 0.25 | 6 |
| 7 | 217 | 2.54 | 222,471 | 2.98 | 7 |
| 8 | 46 | 0.54 | 30,990 | 0.42 | 8 |
| 9 | 19 | 0.22 | 25,450 | 0.34 | 9 |
| 10 | 341 | 3.99 | 288,222 | 3.86 | 10 |
| 11 | 7 | 0.08 | 2,521 | 0.03 | 11 |
| 12 | 40 | 0.47 | 28,425 | 0.38 | 12 |
| 13 | 3 | 0.04 | 3,710 | 0.05 | 13 |
| 14 | 107 | 1.25 | 106,554 | 1.43 | 14 |
| 15 | 202 | 2.37 | 169,600 | 2.27 | 15 |
| 16 | 9 | 0.11 | 15,078 | 0.20 | 16 |
| 17 | 11 | 0.13 | 6,437 | 0.09 | 17 |
| 18 | 14 | 0.16 | 5,943 | 0.08 | 18 |
| 19 | 2 | 0.02 | 53 | 0.00 | 19 |
| 20 | 149 | 1.74 | 118,168 | 1.58 | 20 |
| 21 | 14 | 0.16 | 16,238 | 0.22 | 21 |
| 22 | 9 | 0.11 | 6,893 | 0.09 | 22 |
| 23 | 4 | 0.05 | 4,054 | 0.05 | 23 |
| 24 | 7 | 0.08 | 12,388 | 0.17 | 24 |
| 25 | 64 | 0.75 | 67,697 | 0.91 | 25 |
| 26 | 3 | 0.04 | 782 | 0.01 | 26 |
| 27 | 3 | 0.04 | 1,316 | 0.02 | 27 |
| 28 | 17 | 0.20 | 12,388 | 0.17 | 28 |
| 29 | 9 | 0.11 | 7,734 | 0.10 | 29 |
| 30 | 455 | 5.33 | 477,873 | 6.40 | 30 |

S20BG02 -**How many days was mental health not good in past 30 days**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 305 | 3.57 | 225,868 | 3.02 | Did not answer |
| O | 9 | 0.11 | 6,730 | 0.09 | Out of range |
| 0 | 5,525 | 64.69 | 4,882,400 | 65.38 | None |
| 1 | 232 | 2.72 | 169,064 | 2.26 | 1 |
| 2 | 376 | 4.40 | 319,359 | 4.28 | 2 |
| 3 | 257 | 3.01 | 210,744 | 2.82 | 3 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 4 | 103 | 1.21 | 94,837 | 1.27 | 4 |
| 5 | 364 | 4.26 | 315,962 | 4.23 | 5 |
| 6 | 41 | 0.48 | 28,208 | 0.38 | 6 |
| 7 | 98 | 1.15 | 104,551 | 1.40 | 7 |
| 8 | 36 | 0.42 | 40,487 | 0.54 | 8 |
| 9 | 11 | 0.13 | 20,435 | 0.27 | 9 |
| 10 | 272 | 3.18 | 235,728 | 3.16 | 10 |
| 11 | 2 | 0.02 | 2,790 | 0.04 | 11 |
| 12 | 30 | 0.35 | 20,975 | 0.28 | 12 |
| 13 | 3 | 0.04 | 703 | 0.01 | 13 |
| 14 | 34 | 0.40 | 33,813 | 0.45 | 14 |
| 15 | 241 | 2.82 | 234,013 | 3.13 | 15 |
| 16 | 5 | 0.06 | 4,493 | 0.06 | 16 |
| 17 | 5 | 0.06 | 1,159 | 0.02 | 17 |
| 18 | 11 | 0.13 | 10,435 | 0.14 | 18 |
| 20 | 175 | 2.05 | 147,873 | 1.98 | 20 |
| 21 | 7 | 0.08 | 6,593 | 0.09 | 21 |
| 22 | 6 | 0.07 | 3,890 | 0.05 | 22 |
| 23 | 2 | 0.02 | 903 | 0.01 | 23 |
| 24 | 3 | 0.04 | 6,754 | 0.09 | 24 |
| 25 | 64 | 0.75 | 32,885 | 0.44 | 25 |
| 26 | 4 | 0.05 | 5,433 | 0.07 | 26 |
| 27 | 8 | 0.09 | 3,107 | 0.04 | 27 |
| 28 | 11 | 0.13 | 16,355 | 0.22 | 28 |
| 29 | 2 | 0.02 | 787 | 0.01 | 29 |
| 30 | 299 | 3.50 | 280,049 | 3.75 | 30 |

S20BG03 -**How many days did poor health stop usual activities in past 30 days**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 307 | 3.59 | 220,805 | 2.96 | Did not answer |
| 0 | 7 | 0.08 | 1,119 | 0.01 | Out of range |
| 0 | 5,607 | 65.65 | 4,911,888 | 65.78 | None |
| 1 | 248 | 2.90 | 216,262 | 2.90 | 1 |
| 2 | 328 | 3.84 | 239,612 | 3.21 | 2 |
| 3 | 269 | 3.15 | 206,432 | 2.76 | 3 |
| 4 | 136 | 1.59 | 124,597 | 1.67 | 4 |
| 5 | 347 | 4.06 | 359,186 | 4.81 | 5 |
| 6 | 44 | 0.52 | 26,270 | 0.35 | 6 |
| 7 | 109 | 1.28 | 120,983 | 1.62 | 7 |
| 8 | 41 | 0.48 | 42,896 | 0.57 | 8 |
| 9 | 12 | 0.14 | 17,308 | 0.23 | 9 |
| 10 | 264 | 3.09 | 161,921 | 2.17 | 10 |
| 11 | 5 | 0.06 | 2,735 | 0.04 | 11 |
| 12 | 27 | 0.32 | 11,955 | 0.16 | 12 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 13 | 2 | 0.02 | 252 | 0.00 | 13 |
| 14 | 43 | 0.50 | 62,672 | 0.84 | 14 |
| 15 | 198 | 2.32 | 207,216 | 2.77 | 15 |
| 16 | 7 | 0.08 | 4,558 | 0.06 | 16 |
| 17 | 3 | 0.04 | 475 | 0.01 | 17 |
| 18 | 10 | 0.12 | 4,186 | 0.06 | 18 |
| 19 | 3 | 0.04 | 103 | 0.00 | 19 |
| 20 | 149 | 1.74 | 119,253 | 1.60 | 20 |
| 21 | 6 | 0.07 | 1,763 | 0.02 | 21 |
| 22 | 1 | 0.01 | 623 | 0.01 | 22 |
| 23 | 4 | 0.05 | 4,240 | 0.06 | 23 |
| 24 | 2 | 0.02 | 9,896 | 0.13 | 24 |
| 25 | 55 | 0.64 | 34,789 | 0.47 | 25 |
| 26 | 3 | 0.04 | 5,643 | 0.08 | 26 |
| 27 | 1 | 0.01 | 387 | 0.01 | 27 |
| 28 | 7 | 0.08 | 7,621 | 0.10 | 28 |
| 29 | 2 | 0.02 | 871 | 0.01 | 29 |
| 30 | 294 | 3.44 | 338,866 | 4.54 | 30 |

S20BJ01 -

Do you have any children under the age of 18 living at home with you?

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 258 | 3.02 | 166,384 | 2.23 | Did not answer |
| 1 | 2,822 | 33.04 | 1,757,902 | 23.54 | Yes |
| 2 | 5,461 | 63.94 | 5,543,097 | 74.23 | No |

S20BJ02 -

How much of a problem is it for you to make child care arrangements?

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 286 | 3.35 | 184,585 | 2.47 | Did not answer |
| C | 43 | 0.50 | 26,897 | 0.36 | Should be skipped |
| N | 5,418 | 63.44 | 5,516,199 | 73.87 | Valid skip |
| 1 | 415 | 4.86 | 304,773 | 4.08 | A big problem |
| 2 | 712 | 8.34 | 419,567 | 5.62 | A small problem |
| 3 | 1,667 | 19.52 | 1,015,361 | 13.60 | Not a problem |

S20BJ03 -**How concerned are you about your child's/children's education?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 278 | 3.25 | 182,437 | 2.44 | Did not answer |
| C | 39 | 0.46 | 26,190 | 0.35 | Should be skipped |
| N | 5,422 | 63.48 | 5,516,907 | 73.88 | Valid skip |
| 1 | 1,033 | 12.09 | 649,686 | 8.70 | Very concerned |
| 2 | 632 | 7.40 | 386,199 | 5.17 | Somewhat concerned |
| 3 | 1,137 | 13.31 | 705,964 | 9.45 | Not concerned |

S20BJ04 -**How concerned are you about: Your health problems?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 252 | 2.95 | 161,054 | 2.16 | Did not answer |
| 1 | 1,411 | 16.52 | 1,296,459 | 17.36 | Very concerned |
| 2 | 3,096 | 36.25 | 2,849,728 | 38.16 | Somewhat concerned |
| 3 | 3,782 | 44.28 | 3,160,142 | 42.32 | Not concerned |

S20BJ05 -**How concerned are you about: The health problems of a family member?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 281 | 3.29 | 216,317 | 2.90 | Did not answer |
| 1 | 1,845 | 21.60 | 1,654,792 | 22.16 | Very concerned |
| 2 | 2,834 | 33.18 | 2,616,842 | 35.04 | Somewhat concerned |
| 3 | 3,581 | 41.93 | 2,979,433 | 39.90 | Not concerned |

S20BJ06 -**How concerned are you about: Managing household expenses?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 263 | 3.08 | 168,004 | 2.25 | Did not answer |
| 1 | 1,080 | 12.64 | 970,078 | 12.99 | Very concerned |
| 2 | 2,123 | 24.86 | 1,812,986 | 24.28 | Somewhat concerned |
| 3 | 5,075 | 59.42 | 4,516,314 | 60.48 | Not concerned |

S20BJ07 -**How concerned are you about: Major financial hardship or bankruptcy in your family?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 261 | 3.06 | 185,454 | 2.48 | Did not answer |
| 1 | 504 | 5.90 | 452,676 | 6.06 | Very concerned |
| 2 | 840 | 9.83 | 818,847 | 10.97 | Somewhat concerned |
| 3 | 6,936 | 81.21 | 6,010,405 | 80.49 | Not concerned |

S20BJ08 -**How concerned are you about: The demands of your job?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 280 | 3.28 | 197,597 | 2.65 | Did not answer |
| 1 | 877 | 10.27 | 638,426 | 8.55 | Very concerned |
| 2 | 2,203 | 25.79 | 1,452,206 | 19.45 | Somewhat concerned |
| 3 | 5,181 | 60.66 | 5,179,154 | 69.36 | Not concerned |

S20BJ09 -**How concerned are you about: The demands of going to school?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 300 | 3.51 | 227,105 | 3.04 | Did not answer |
| 1 | 464 | 5.43 | 412,615 | 5.53 | Very concerned |
| 2 | 1,088 | 12.74 | 728,368 | 9.75 | Somewhat concerned |
| 3 | 6,689 | 78.32 | 6,099,294 | 81.68 | Not concerned |

S20BJ10 -**Are you married?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 259 | 3.03 | 177,677 | 2.38 | Did not answer |
| 1 | 6,469 | 75.74 | 5,511,651 | 73.81 | Yes |
| 2 | 1,813 | 21.23 | 1,778,054 | 23.81 | No |

S20BJ11 -**How concerned are you about: Poor communication with your spouse?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 369 | 4.32 | 267,847 | 3.59 | Did not answer |
| C | 4 | 0.05 | 7,176 | 0.10 | Should be skipped |
| N | 1,810 | 21.19 | 1,770,954 | 23.72 | Valid skip |
| 1 | 533 | 6.24 | 418,280 | 5.60 | Very concerned |
| 2 | 1,322 | 15.48 | 1,045,186 | 14.00 | Somewhat concerned |
| 3 | 4,503 | 52.72 | 3,957,940 | 53.00 | Not concerned |

S20BJ12 -**How concerned are you about: Arguments with your spouse?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 376 | 4.40 | 275,939 | 3.70 | Did not answer |
| C | 4 | 0.05 | 7,176 | 0.10 | Should be skipped |
| N | 1,810 | 21.19 | 1,770,954 | 23.72 | Valid skip |
| 1 | 355 | 4.16 | 272,651 | 3.65 | Very concerned |
| 2 | 922 | 10.79 | 787,472 | 10.55 | Somewhat concerned |
| 3 | 5,074 | 59.41 | 4,353,190 | 58.30 | Not concerned |

S20BJ13 -**How concerned are you about: Marital problems between you and your spouse?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 377 | 4.41 | 282,534 | 3.78 | Did not answer |
| C | 4 | 0.05 | 7,176 | 0.10 | Should be skipped |
| N | 1,810 | 21.19 | 1,770,954 | 23.72 | Valid skip |
| 1 | 385 | 4.51 | 290,208 | 3.89 | Very concerned |
| 2 | 808 | 9.46 | 553,923 | 7.42 | Somewhat concerned |
| 3 | 5,157 | 60.38 | 4,562,588 | 61.10 | Not concerned |

S20BJ14 -**Has your spouse been on deployment during the past 30 days?**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 368 | 4.31 | 275,088 | 3.68 | Did not answer |
| C | 5 | 0.06 | 7,251 | 0.10 | Should be skipped |
| N | 1,809 | 21.18 | 1,770,878 | 23.71 | Valid skip |
| 1 | 260 | 3.04 | 174,951 | 2.34 | Yes |
| 2 | 6,099 | 71.41 | 5,239,214 | 70.16 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| YES | 8,541 | 100.00 | 7,467,383 | 100.00 | Yes |

FLAG_FIN -**Final disposition**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,541 | 100.00 | 7,467,383 | 100.00 | Returned survey |

DUPFLAG -

Multiple response indicator

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| NO | 8,523 | 99.79 | 7,461,682 | 99.92 | No |
| YES | 18 | 0.21 | 5,701 | 0.08 | Yes |

FNSTATUS -

Final status

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------------|
| 11 | 8,541 | 100.00 | 7,467,383 | 100.00 | Elig, return complete |

KEYCOUNT -

Number of key questions answered

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 10 | 6 | 0.07 | 3,649 | 0.05 | 10 |
| 11 | 71 | 0.83 | 43,964 | 0.59 | 11 |
| 12 | 12 | 0.14 | 10,822 | 0.14 | 12 |
| 13 | 6 | 0.07 | 3,370 | 0.05 | 13 |
| 14 | 22 | 0.26 | 20,017 | 0.27 | 14 |
| 15 | 9 | 0.11 | 3,815 | 0.05 | 15 |
| 16 | 95 | 1.11 | 64,662 | 0.87 | 16 |
| 17 | 75 | 0.88 | 48,659 | 0.65 | 17 |
| 18 | 180 | 2.11 | 164,705 | 2.21 | 18 |
| 19 | 787 | 9.21 | 635,204 | 8.51 | 19 |
| 20 | 7,278 | 85.21 | 6,468,516 | 86.62 | 20 |

WEB -

Web survey indicator

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 0 | 1,442 | 16.88 | 1,025,080 | 13.73 | No |
| 1 | 7,099 | 83.12 | 6,442,303 | 86.27 | Yes |

SURVTYPE -

Web or Mail Survey

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 2 | 7,099 | 83.12 | 6,442,303 | 86.27 | Web survey |
| 8 | 1,442 | 16.88 | 1,025,080 | 13.73 | Mail survey |

N1 -

Coding Scheme Note 1

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 7,495 | 87.75 | 6,714,551 | 89.92 | 1 |
| 2 | 8 | 0.09 | 8,507 | 0.11 | 2 |
| 3 | 738 | 8.64 | 507,081 | 6.79 | 3 |
| 4 | 300 | 3.51 | 237,244 | 3.18 | 4 |

N2 -

Coding Scheme Note 2

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 5 | 0.06 | 5,142 | 0.07 | 1 |
| 2 | 16 | 0.19 | 14,855 | 0.20 | 2 |
| 3 | 29 | 0.34 | 32,408 | 0.43 | 3 |
| 4 | 3,554 | 41.61 | 3,286,728 | 44.01 | 4 |
| 5 | 13 | 0.15 | 11,755 | 0.16 | 5 |
| 6 | 65 | 0.76 | 36,569 | 0.49 | 6 |
| 7 | 4,850 | 56.78 | 4,071,267 | 54.52 | 7 |
| 8 | 9 | 0.11 | 8,659 | 0.12 | 8 |

N3 -

Coding Scheme Note 3

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 12 | 0.14 | 6,290 | 0.08 | 1 |
| 2 | 19 | 0.22 | 11,498 | 0.15 | 2 |
| 3 | 51 | 0.60 | 51,542 | 0.69 | 3 |
| 4 | 7,101 | 83.14 | 6,433,792 | 86.16 | 4 |
| 5 | 6 | 0.07 | 6,447 | 0.09 | 5 |
| 6 | 48 | 0.56 | 21,096 | 0.28 | 6 |
| 7 | 1,301 | 15.23 | 935,218 | 12.52 | 7 |
| 8 | 3 | 0.04 | 1,499 | 0.02 | 8 |

N4 -

Coding Scheme Note 4

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,097 | 12.84 | 786,475 | 10.53 | 1 |
| 2 | 8 | 0.09 | 4,254 | 0.06 | 2 |
| 3 | 7,420 | 86.88 | 6,661,805 | 89.21 | 3 |
| 4 | 16 | 0.19 | 14,849 | 0.20 | 4 |

N5 -**Coding Scheme Note 5**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,105 | 12.94 | 790,729 | 10.59 | 1 |
| 2 | 4,192 | 49.08 | 3,959,512 | 53.02 | 2 |
| 3 | 34 | 0.40 | 20,382 | 0.27 | 3 |
| 4 | 6 | 0.07 | 1,369 | 0.02 | 4 |
| 5 | 3,198 | 37.44 | 2,686,562 | 35.98 | 5 |
| 6 | 6 | 0.07 | 8,828 | 0.12 | 6 |

N6 -**Coding Scheme Note 6**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 5,942 | 69.57 | 5,893,573 | 78.92 | 1 |
| 2 | 19 | 0.22 | 11,910 | 0.16 | 2 |
| 3 | 3 | 0.04 | 2,546 | 0.03 | 3 |
| 4 | 3 | 0.04 | 471 | 0.01 | 4 |
| 5 | 2,570 | 30.09 | 1,557,523 | 20.86 | 5 |
| 7 | 4 | 0.05 | 1,360 | 0.02 | 7 |

N7 -**Coding Scheme Note 7**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,573 | 30.13 | 1,557,994 | 20.86 | 1 |
| 2 | 621 | 7.27 | 401,052 | 5.37 | 2 |
| 4 | 5,347 | 62.60 | 5,508,336 | 73.77 | 4 |

N8 -**Coding Scheme Note 8**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 3,194 | 37.40 | 1,959,046 | 26.23 | 1 |
| 2 | 3,965 | 46.42 | 4,490,313 | 60.13 | 2 |
| 3 | 46 | 0.54 | 26,685 | 0.36 | 3 |
| 4 | 1,281 | 15.00 | 958,381 | 12.83 | 4 |
| 5 | 55 | 0.64 | 32,958 | 0.44 | 5 |

N8_01 -**Coding Scheme Note 8_01**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,573 | 30.13 | 1,557,994 | 20.86 | 1 |
| 2 | 1,023 | 11.98 | 1,726,636 | 23.12 | 2 |
| 3 | 4,883 | 57.17 | 4,146,474 | 55.53 | 3 |
| 4 | 62 | 0.73 | 36,279 | 0.49 | 4 |

N9 -**Coding Scheme Note 9**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 5,191 | 60.78 | 4,987,416 | 66.79 | 1 |
| 2 | 23 | 0.27 | 8,878 | 0.12 | 2 |
| 3 | 3,321 | 38.88 | 2,468,576 | 33.06 | 3 |
| 4 | 3 | 0.04 | 1,032 | 0.01 | 4 |
| 5 | 3 | 0.04 | 1,481 | 0.02 | 5 |

N10 -**Coding Scheme Note 10**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 3,324 | 38.92 | 2,469,608 | 33.07 | 1 |
| 2 | 4,964 | 58.12 | 4,781,287 | 64.03 | 2 |
| 3 | 6 | 0.07 | 6,238 | 0.08 | 3 |
| 4 | 217 | 2.54 | 195,862 | 2.62 | 4 |
| 5 | 30 | 0.35 | 14,388 | 0.19 | 5 |

N10_B1 -**Coding Scheme Note 10_B1**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,331 | 15.58 | 1,019,782 | 13.66 | 1 |
| 2 | 97 | 1.14 | 80,290 | 1.08 | 2 |
| 3 | 7,106 | 83.20 | 6,364,031 | 85.22 | 3 |
| 5 | 7 | 0.08 | 3,279 | 0.04 | 5 |

N12 -**Coding Scheme Note 12**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,751 | 32.21 | 2,494,644 | 33.41 | 1 |
| 2 | 20 | 0.23 | 28,131 | 0.38 | 2 |
| 3 | 29 | 0.34 | 8,263 | 0.11 | 3 |
| 4 | 5,666 | 66.34 | 4,893,364 | 65.53 | 4 |
| 5 | 75 | 0.88 | 42,981 | 0.58 | 5 |

N13 -**Coding Scheme Note 13**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,396 | 16.34 | 1,193,549 | 15.98 | 1 |
| 2 | 23 | 0.27 | 22,755 | 0.30 | 2 |
| 3 | 76 | 0.89 | 55,394 | 0.74 | 3 |
| 4 | 6,968 | 81.58 | 6,142,859 | 82.26 | 4 |
| 5 | 78 | 0.91 | 52,824 | 0.71 | 5 |

N14 -**Coding Scheme Note 14**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,186 | 13.89 | 1,442,153 | 19.31 | 1 |
| 2 | 13 | 0.15 | 4,716 | 0.06 | 2 |
| 3 | 97 | 1.14 | 61,408 | 0.82 | 3 |
| 4 | 7,166 | 83.90 | 5,906,124 | 79.09 | 4 |
| 5 | 79 | 0.92 | 52,982 | 0.71 | 5 |

N15 -**Coding Scheme Note 15**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,192 | 25.66 | 1,828,970 | 24.49 | 1 |
| 2 | 12 | 0.14 | 2,030 | 0.03 | 2 |
| 3 | 70 | 0.82 | 54,097 | 0.72 | 3 |
| 4 | 6,188 | 72.45 | 5,534,642 | 74.12 | 4 |
| 5 | 79 | 0.92 | 47,644 | 0.64 | 5 |

N16 -**Coding Scheme Note 16**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,944 | 22.76 | 1,512,094 | 20.25 | 1 |
| 2 | 14 | 0.16 | 9,463 | 0.13 | 2 |
| 3 | 19 | 0.22 | 12,497 | 0.17 | 3 |
| 4 | 6,487 | 75.95 | 5,886,934 | 78.84 | 4 |
| 5 | 77 | 0.90 | 46,394 | 0.62 | 5 |

N17 -**Coding Scheme Note 17**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,877 | 33.68 | 3,396,844 | 45.49 | 1 |
| 2 | 16 | 0.19 | 5,205 | 0.07 | 2 |
| 3 | 44 | 0.52 | 29,900 | 0.40 | 3 |
| 4 | 3,462 | 40.53 | 2,436,805 | 32.63 | 4 |
| 5 | 2,067 | 24.20 | 1,553,060 | 20.80 | 5 |
| 6 | 75 | 0.88 | 45,569 | 0.61 | 6 |

N18 -**Coding Scheme Note 18**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,052 | 12.32 | 795,141 | 10.65 | 1 |
| 2 | 7,471 | 87.47 | 6,662,506 | 89.22 | 2 |
| 3 | 17 | 0.20 | 9,339 | 0.13 | 3 |
| 4 | 1 | 0.01 | 397 | 0.01 | 4 |

N19A -**Coding Scheme Note 19A**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 7 | 0.08 | 5,831 | 0.08 | 1 |
| 2 | 43 | 0.50 | 37,366 | 0.50 | 2 |
| 3 | 3 | 0.04 | 1,308 | 0.02 | 3 |
| 4 | 49 | 0.57 | 26,225 | 0.35 | 4 |
| 8 | 4,661 | 54.57 | 3,798,415 | 50.87 | 8 |
| 9 | 1 | 0.01 | 15 | 0.00 | 9 |
| 10 | 23 | 0.27 | 11,695 | 0.16 | 10 |
| 11 | 3,752 | 43.93 | 3,586,337 | 48.03 | 11 |
| 13 | 2 | 0.02 | 190 | 0.00 | 13 |

N19B -**Coding Scheme Note 19B**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,710 | 55.15 | 3,824,640 | 51.22 | 1 |
| 2 | 26 | 0.30 | 13,003 | 0.17 | 2 |
| 3 | 3,805 | 44.55 | 3,629,739 | 48.61 | 3 |

N20 -**Coding Scheme Note 20**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,736 | 55.45 | 3,837,644 | 51.39 | 1 |
| 2 | 2,215 | 25.93 | 2,237,103 | 29.96 | 2 |
| 3 | 1,536 | 17.98 | 1,351,778 | 18.10 | 3 |
| 4 | 2 | 0.02 | 894 | 0.01 | 4 |
| 5 | 30 | 0.35 | 18,281 | 0.24 | 5 |
| 6 | 22 | 0.26 | 21,682 | 0.29 | 6 |

N21 -**Coding Scheme Note 21**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,736 | 55.45 | 3,837,644 | 51.39 | 1 |
| 2 | 23 | 0.27 | 20,205 | 0.27 | 2 |
| 4 | 49 | 0.57 | 36,687 | 0.49 | 4 |
| 5 | 47 | 0.55 | 35,249 | 0.47 | 5 |
| 6 | 206 | 2.41 | 143,790 | 1.93 | 6 |
| 7 | 3,421 | 40.05 | 3,348,087 | 44.84 | 7 |
| 12 | 59 | 0.69 | 45,720 | 0.61 | 12 |

N21_BG1 -**Coding Scheme Note 21_BG1**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,533 | 99.91 | 7,464,668 | 99.96 | 1 |
| 3 | 8 | 0.09 | 2,715 | 0.04 | 3 |

N21_BG2 -**Coding Scheme Note 21_BG2**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,532 | 99.89 | 7,460,653 | 99.91 | 1 |
| 3 | 9 | 0.11 | 6,730 | 0.09 | 3 |

N21_BG3 -**Coding Scheme Note 21_BG3**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,534 | 99.92 | 7,466,263 | 99.99 | 1 |
| 3 | 7 | 0.08 | 1,119 | 0.01 | 3 |

N23_HT -**Coding Scheme Note 23_HT**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,327 | 97.49 | 7,261,363 | 97.24 | 1 |
| 2 | 214 | 2.51 | 206,020 | 2.76 | 2 |

N23_WT -**Coding Scheme Note 23_WT**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 8,401 | 98.36 | 7,275,719 | 97.43 | 1 |
| 2 | 140 | 1.64 | 191,663 | 2.57 | 2 |

N24 -**Coding Scheme Note 24**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 410 | 4.80 | 308,638 | 4.13 | 1 |
| 2 | 306 | 3.58 | 195,985 | 2.62 | 2 |
| 3 | 307 | 3.59 | 175,073 | 2.34 | 3 |
| 4 | 26 | 0.30 | 15,699 | 0.21 | 4 |
| 5 | 7,107 | 83.21 | 6,466,772 | 86.60 | 5 |
| 6 | 385 | 4.51 | 305,215 | 4.09 | 6 |

N24_BJ1 -**Coding Scheme Note 24_BJ1**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 2,807 | 32.87 | 1,743,041 | 23.34 | 1 |
| 2 | 15 | 0.18 | 14,861 | 0.20 | 2 |
| 3 | 5,418 | 63.44 | 5,516,199 | 73.87 | 3 |
| 4 | 43 | 0.50 | 26,897 | 0.36 | 4 |
| 7 | 258 | 3.02 | 166,384 | 2.23 | 7 |

N24_BJ2 -**Coding Scheme Note 24_BJ2**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 6,357 | 74.43 | 5,421,404 | 72.60 | 1 |
| 2 | 104 | 1.22 | 87,447 | 1.17 | 2 |
| 3 | 1,809 | 21.18 | 1,770,878 | 23.71 | 3 |
| 5 | 4 | 0.05 | 7,176 | 0.10 | 5 |
| 7 | 8 | 0.09 | 2,800 | 0.04 | 7 |
| 8 | 1 | 0.01 | 75 | 0.00 | 8 |
| 9 | 258 | 3.02 | 177,602 | 2.38 | 9 |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 0 | 8,541 | 100.00 | 7,467,383 | 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 | 8,541 | 100.00 | 7,467,383 | 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 | 5,617 | 65.77 | 5,055,667 | 67.70 | 0 times |
| 1 | 2,344 | 27.44 | 1,826,878 | 24.46 | 1 time |
| 2 | 525 | 6.15 | 538,267 | 7.21 | 2 times |
| 3 | 47 | 0.55 | 43,869 | 0.59 | 3 times |
| 4 | 7 | 0.08 | 2,363 | 0.03 | 4 times |
| 5 | 1 | 0.01 | 338 | 0.00 | 5 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 | 7,133 | 83.51 | 6,457,628 | 86.48 | 0 times |
| 1 | 959 | 11.23 | 729,086 | 9.76 | 1 time |
| 2 | 263 | 3.08 | 159,033 | 2.13 | 2 times |
| 3 | 67 | 0.78 | 43,633 | 0.58 | 3 times |
| 4 | 43 | 0.50 | 25,861 | 0.35 | 4 times |
| 5 | 30 | 0.35 | 16,329 | 0.22 | 5 times |
| 6 | 20 | 0.23 | 10,764 | 0.14 | 6 times |
| 7 | 5 | 0.06 | 1,092 | 0.01 | 7 times |
| 8 | 6 | 0.07 | 1,945 | 0.03 | 8 times |
| 9 | 4 | 0.05 | 2,921 | 0.04 | 9 times |
| 10 | 5 | 0.06 | 1,217 | 0.02 | 10 times |
| 11 | 4 | 0.05 | 15,779 | 0.21 | 11 times |
| 15 | 1 | 0.01 | 153 | 0.00 | 15 times |
| 16 | 1 | 0.01 | 1,941 | 0.03 | 16 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 | 8,541 | 100.00 | 7,467,383 | 100.00 | 0 times |

MISS_9 -

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------|------------------|--------------------|----------------|------------------|------------------|
| 0 | 7,099 | 83.12 | 6,442,303 | 86.27 | 0 times |
| 5 | 3 | 0.04 | 1,687 | 0.02 | 5 times |
| 6 | 4 | 0.05 | 1,377 | 0.02 | 6 times |
| 7 | 4 | 0.05 | 908 | 0.01 | 7 times |
| 8 | 4 | 0.05 | 1,346 | 0.02 | 8 times |
| 9 | 5 | 0.06 | 1,630 | 0.02 | 9 times |
| 10 | 6 | 0.07 | 6,281 | 0.08 | 10 times |
| 11 | 13 | 0.15 | 12,225 | 0.16 | 11 times |
| 12 | 14 | 0.16 | 12,100 | 0.16 | 12 times |
| 13 | 14 | 0.16 | 12,117 | 0.16 | 13 times |
| 14 | 30 | 0.35 | 22,372 | 0.30 | 14 times |
| 15 | 32 | 0.37 | 27,872 | 0.37 | 15 times |
| 16 | 42 | 0.49 | 40,629 | 0.54 | 16 times |
| 17 | 52 | 0.61 | 54,203 | 0.73 | 17 times |
| 18 | 48 | 0.56 | 28,180 | 0.38 | 18 times |
| 19 | 62 | 0.73 | 39,541 | 0.53 | 19 times |
| 20 | 68 | 0.80 | 58,002 | 0.78 | 20 times |
| 21 | 75 | 0.88 | 48,470 | 0.65 | 21 times |
| 22 | 74 | 0.87 | 52,326 | 0.70 | 22 times |
| 23 | 83 | 0.97 | 53,049 | 0.71 | 23 times |
| 24 | 63 | 0.74 | 48,031 | 0.64 | 24 times |
| 25 | 64 | 0.75 | 43,817 | 0.59 | 25 times |
| 26 | 65 | 0.76 | 42,750 | 0.57 | 26 times |
| 27 | 60 | 0.70 | 33,460 | 0.45 | 27 times |
| 28 | 62 | 0.73 | 42,798 | 0.57 | 28 times |
| 29 | 40 | 0.47 | 39,033 | 0.52 | 29 times |
| 30 | 55 | 0.64 | 24,604 | 0.33 | 30 times |
| 31 | 49 | 0.57 | 42,725 | 0.57 | 31 times |
| 32 | 48 | 0.56 | 25,759 | 0.34 | 32 times |
| 33 | 38 | 0.44 | 45,331 | 0.61 | 33 times |
| 34 | 40 | 0.47 | 26,412 | 0.35 | 34 times |
| 35 | 34 | 0.40 | 22,136 | 0.30 | 35 times |
| 36 | 25 | 0.29 | 10,215 | 0.14 | 36 times |
| 37 | 21 | 0.25 | 12,836 | 0.17 | 37 times |
| 38 | 19 | 0.22 | 16,397 | 0.22 | 38 times |
| 39 | 21 | 0.25 | 14,892 | 0.20 | 39 times |
| 40 -- 73 | 105 | 1.23 | 59,570 | 0.80 | 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 | 3,974 | 46.53 | 3,888,984 | 52.08 | 0 times |
| 1 | 2,259 | 26.45 | 1,773,688 | 23.75 | 1 time |
| 2 | 733 | 8.58 | 686,756 | 9.20 | 2 times |
| 3 | 109 | 1.28 | 78,202 | 1.05 | 3 times |
| 4 | 21 | 0.25 | 12,737 | 0.17 | 4 times |
| 5 | 3 | 0.04 | 1,134 | 0.02 | 5 times |
| 6 | 2 | 0.02 | 1,756 | 0.02 | 6 times |
| 7 | 2 | 0.02 | 1,169 | 0.02 | 7 times |
| 8 | 2 | 0.02 | 279 | 0.00 | 8 times |
| 9 | 2 | 0.02 | 570 | 0.01 | 9 times |
| 10 | 4 | 0.05 | 2,154 | 0.03 | 10 times |
| 11 | 8 | 0.09 | 2,276 | 0.03 | 11 times |
| 12 | 12 | 0.14 | 9,569 | 0.13 | 12 times |
| 13 | 9 | 0.11 | 11,660 | 0.16 | 13 times |
| 14 | 26 | 0.30 | 22,943 | 0.31 | 14 times |
| 15 | 25 | 0.29 | 16,438 | 0.22 | 15 times |
| 16 | 33 | 0.39 | 30,775 | 0.41 | 16 times |
| 17 | 50 | 0.59 | 56,545 | 0.76 | 17 times |
| 18 | 37 | 0.43 | 22,328 | 0.30 | 18 times |
| 19 | 59 | 0.69 | 43,325 | 0.58 | 19 times |
| 20 | 57 | 0.67 | 49,962 | 0.67 | 20 times |
| 21 | 67 | 0.78 | 50,630 | 0.68 | 21 times |
| 22 | 74 | 0.87 | 50,975 | 0.68 | 22 times |
| 23 | 80 | 0.94 | 57,734 | 0.77 | 23 times |
| 24 | 71 | 0.83 | 44,760 | 0.60 | 24 times |
| 25 | 67 | 0.78 | 47,166 | 0.63 | 25 times |
| 26 | 74 | 0.87 | 45,966 | 0.62 | 26 times |
| 27 | 61 | 0.71 | 45,446 | 0.61 | 27 times |
| 28 | 66 | 0.77 | 34,509 | 0.46 | 28 times |
| 29 | 44 | 0.52 | 39,820 | 0.53 | 29 times |
| 30 | 48 | 0.56 | 25,443 | 0.34 | 30 times |
| 31 | 52 | 0.61 | 30,743 | 0.41 | 31 times |
| 32 | 54 | 0.63 | 43,079 | 0.58 | 32 times |
| 33 | 40 | 0.47 | 28,118 | 0.38 | 33 times |
| 34 | 43 | 0.50 | 40,520 | 0.54 | 34 times |
| 35 | 31 | 0.36 | 13,296 | 0.18 | 35 times |
| 36 | 28 | 0.33 | 16,578 | 0.22 | 36 times |
| 37 | 26 | 0.30 | 13,761 | 0.18 | 37 times |
| 38 | 24 | 0.28 | 19,005 | 0.25 | 38 times |
| 39 | 30 | 0.35 | 18,929 | 0.25 | 39 times |
| 40 -- 73 | 134 | 1.57 | 87,657 | 1.17 | 40 or more times |

DHAFLAG -**DHA Flag**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 0 | 7,889 | 92.37 | 6,828,642 | 91.45 | Not DHA |
| 1 | 652 | 7.63 | 638,740 | 8.55 | DHA |

XENRLLMT -**Enrollment in TRICARE prime**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------|
| . | 29 | 0.34 | 24,058 | 0.32 | Missing/Unknown |
| 1 | 3,108 | 36.39 | 1,701,574 | 22.79 | Active Duty - under 65 |
| 2 | 4,121 | 48.25 | 1,951,828 | 26.14 | Enrolled - under 65 |
| 3 | 1,084 | 12.69 | 1,509,745 | 20.22 | Not enrolled - under 65 |
| 4 | 170 | 1.99 | 1,958,679 | 26.23 | Not enrolled - 65 or over |
| 5 | 29 | 0.34 | 321,498 | 4.31 | Enrolled - 65 or over |

XENR_PCM -**Enrollment by PCM type**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------------|
| . | 29 | 0.34 | 24,058 | 0.32 | Missing/Unknown |
| 1 | 3,108 | 36.39 | 1,701,574 | 22.79 | Active Duty - under 65 |
| 2 | 3,631 | 42.51 | 1,122,605 | 15.03 | Enrolled - under 65, Mil PCM |
| 3 | 490 | 5.74 | 829,223 | 11.10 | Enrolled - under 65, Civ PCM |
| 4 | 1,084 | 12.69 | 1,509,745 | 20.22 | Not enrolled - under 65 |
| 5 | 170 | 1.99 | 1,958,679 | 26.23 | Not enrolled - 65 or over |
| 6 | 22 | 0.26 | 232,834 | 3.12 | Enrolled - 65 or over, Mil PCM |
| 7 | 7 | 0.08 | 88,664 | 1.19 | Enrolled - 65 or over, Civ PCM |

XINS_COV -
Insurance coverage

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------------------|
| . | 682 | 7.99 | 505,700 | 6.77 | Missing/Unknown |
| 1 | 3,108 | 36.39 | 1,701,574 | 22.79 | Prime-under 65 Active Duty |
| 2 | 2,979 | 34.88 | 1,420,542 | 19.02 | Prime-under 65 Non-active Duty |
| 3 | 403 | 4.72 | 620,748 | 8.31 | Select |
| 4 | 260 | 3.04 | 1,984,927 | 26.58 | Medicare |
| 5 | 434 | 5.08 | 520,254 | 6.97 | Other civilian insurance |
| 6 | 1 | 0.01 | 14,667 | 0.20 | Prime, 65 or over |
| 7 | 40 | 0.47 | 30,307 | 0.41 | TRICARE Plus |
| 8 | 400 | 4.68 | 342,701 | 4.59 | Veterans Administration (VA) |
| 9 | 183 | 2.14 | 241,904 | 3.24 | TRICARE Reserve Select |
| 10 | 44 | 0.52 | 74,209 | 0.99 | TRICARE Retired Reserve |
| 13 | 4 | 0.05 | 2,697 | 0.04 | TRICARE Young Adult Prime |
| 14 | 3 | 0.04 | 7,152 | 0.10 | TRICARE Young Adult Select Enrollees |

XBENCAT -
Beneficiary category

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---------------------------------|
| . | 2 | 0.02 | 148 | 0.00 | Missing/Other |
| 1 | 2,727 | 31.93 | 1,497,782 | 20.06 | Active Duty |
| 2 | 1,237 | 14.48 | 724,462 | 9.70 | Dependent of Active Duty |
| 3 | 360 | 4.21 | 184,070 | 2.46 | Active Reservist |
| 4 | 126 | 1.48 | 95,045 | 1.27 | Dependent of Active Reservist |
| 5 | 99 | 1.16 | 183,993 | 2.46 | Inactive Reservist |
| 6 | 190 | 2.22 | 173,716 | 2.33 | Dependent of Inactive Reservist |
| 7 | 3,573 | 41.83 | 2,303,947 | 30.85 | Retired or dependent <65 |
| 8 | 227 | 2.66 | 2,304,219 | 30.86 | Retired or dependent >65 |

XENR_RSV -**Enrollment by PCM type - reservist**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------------|
| . | 29 | 0.34 | 24,058 | 0.32 | Missing/Unknown |
| 1 | 2,726 | 31.92 | 1,497,766 | 20.06 | Active Duty - under 65 |
| 2 | 3,631 | 42.51 | 1,122,605 | 15.03 | Enrolled - under 65, Mil PCM |
| 3 | 490 | 5.74 | 829,223 | 11.10 | Enrolled - under 65, Civ PCM |
| 4 | 1,084 | 12.69 | 1,509,745 | 20.22 | Not enrolled - under 65 |
| 5 | 170 | 1.99 | 1,958,679 | 26.23 | Not enrolled - 65 or over |
| 6 | 22 | 0.26 | 232,834 | 3.12 | Enrolled - 65 or over, Mil PCM |
| 7 | 7 | 0.08 | 88,664 | 1.19 | Enrolled - 65 or over, Civ PCM |
| 8 | 382 | 4.47 | 203,809 | 2.73 | Reservists - under 65 |

XINS_RSV -**Insurance coverage - reservist**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------------------------|
| . | 682 | 7.99 | 505,700 | 6.77 | Missing/Unknown |
| 1 | 2,726 | 31.92 | 1,497,766 | 20.06 | Prime-under 65 Active Duty |
| 2 | 2,979 | 34.88 | 1,420,542 | 19.02 | Prime-under 65 Non-active Duty |
| 3 | 403 | 4.72 | 620,748 | 8.31 | Select |
| 4 | 260 | 3.04 | 1,984,927 | 26.58 | Medicare |
| 5 | 434 | 5.08 | 520,254 | 6.97 | Other civilian insurance |
| 6 | 1 | 0.01 | 14,667 | 0.20 | Prime, 65 or over |
| 7 | 40 | 0.47 | 30,307 | 0.41 | TRICARE Plus |
| 8 | 400 | 4.68 | 342,701 | 4.59 | Veterans Administration (VA) |
| 9 | 183 | 2.14 | 241,904 | 3.24 | TRICARE Reserve Select |
| 10 | 382 | 4.47 | 203,809 | 2.73 | Prime-under 65 Reservists |
| 11 | 44 | 0.52 | 74,209 | 0.99 | TRICARE Retired Reserve |
| 14 | 4 | 0.05 | 2,697 | 0.04 | TRICARE Young Adult Prime |
| 15 | 3 | 0.04 | 7,152 | 0.10 | TRICARE Young Adult Select Enrollees |

**XREGION -
Region**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------|
| . | 166 | 1.94 | 111,458 | 1.49 | Missing data |
| 1 | 969 | 11.35 | 1,150,333 | 15.40 | Northeast |
| 2 | 545 | 6.38 | 761,754 | 10.20 | Mid-Atlantic |
| 3 | 889 | 10.41 | 970,865 | 13.00 | Southeast |
| 4 | 785 | 9.19 | 525,971 | 7.04 | Gulfsouth |
| 5 | 383 | 4.48 | 684,224 | 9.16 | Heartland |
| 6 | 742 | 8.69 | 812,981 | 10.89 | Southwest |
| 7 | 568 | 6.65 | 388,557 | 5.20 | Central 7 |
| 8 | 1,100 | 12.88 | 700,854 | 9.39 | Central 8 |
| 9 | 614 | 7.19 | 404,241 | 5.41 | Southern California |
| 10 | 175 | 2.05 | 151,050 | 2.02 | Golden Gate |
| 11 | 368 | 4.31 | 350,382 | 4.69 | Northwest |
| 12 | 109 | 1.28 | 120,363 | 1.61 | Hawaii |
| 13 | 494 | 5.78 | 123,203 | 1.65 | Europe |
| 14 | 391 | 4.58 | 136,506 | 1.83 | Western Pacific Command |
| 15 | 134 | 1.57 | 28,060 | 0.38 | TRICARE Latin America |
| 16 | 109 | 1.28 | 46,580 | 0.62 | Alaska |

**XTNEXRG2 -
Revised TNEC Region - Definitions changed as of FY2019**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,337 | 50.78 | 4,986,616 | 66.78 | East |
| 2 | 3,051 | 35.72 | 2,168,634 | 29.04 | West |
| 3 | 1,153 | 13.50 | 312,133 | 4.18 | Overseas |

**USA -
CONUS/OCNUS indicator**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 166 | 1.94 | 111,458 | 1.49 | Invalid/Missing |
| 0 | 1,019 | 11.93 | 287,770 | 3.85 | Not in USA |
| 1 | 7,356 | 86.13 | 7,068,155 | 94.65 | In USA |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------------|
| . | 7,390 | 86.52 | 7,155,550 | 95.82 | In Conus/Missing Region |
| 1 | 561 | 6.57 | 136,253 | 1.82 | Europe |
| 2 | 434 | 5.08 | 144,504 | 1.94 | Western Pacific |
| 3 | 156 | 1.83 | 31,076 | 0.42 | Latin America |

OUTCATCH -**Out of catchment area indicator**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|------------------------|
| 0 | 7,052 | 82.57 | 3,886,042 | 52.04 | Catchment areas |
| 1 | 1,489 | 17.43 | 3,581,340 | 47.96 | Out of catchment areas |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 4,736 | 55.45 | 3,837,644 | 51.39 | Male |
| 2 | 3,805 | 44.55 | 3,629,739 | 48.61 | Female |

XBMICAT -**Body mass index category**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 703 | 8.23 | 616,526 | 8.26 | Missing data |
| 1 | 47 | 0.55 | 34,834 | 0.47 | Underweight |
| 2 | 2,425 | 28.39 | 2,190,125 | 29.33 | Normal weight |
| 3 | 3,301 | 38.65 | 2,697,104 | 36.12 | Overweight |
| 4 | 1,971 | 23.08 | 1,806,787 | 24.20 | Obese |
| 5 | 94 | 1.10 | 122,007 | 1.63 | Morbidly obese |

XBNFGRP -**Constructed beneficiary group**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|----------------------|
| . | 245 | 2.87 | 319,756 | 4.28 | TRS/Missing/Unknown |
| 1 | 3,108 | 36.39 | 1,701,574 | 22.79 | Active Duty <65 |
| 2 | 1,386 | 16.23 | 837,739 | 11.22 | Family of Active <65 |
| 3 | 3,603 | 42.18 | 2,328,137 | 31.18 | Ret/Surv/Fam <65 |
| 4 | 199 | 2.33 | 2,280,177 | 30.54 | Ret/Surv/Fam 65+ |

KMILOPQY -**Outpatient visits-use Military facility most**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 25 | 0.29 | 11,412 | 0.15 | No response |
| 1 | 3,810 | 44.61 | 5,343,342 | 71.56 | None |
| 2 | 780 | 9.13 | 308,857 | 4.14 | 1 visit |
| 3 | 1,077 | 12.61 | 413,080 | 5.53 | 2 visits |
| 4 | 948 | 11.10 | 423,956 | 5.68 | 3 visits |
| 5 | 723 | 8.47 | 312,890 | 4.19 | 4 visits |
| 6 | 871 | 10.20 | 438,800 | 5.88 | 5 to 9 visits |
| 7 | 307 | 3.59 | 215,044 | 2.88 | 10 or more visits |

KCIVOPQY -**Outpatient visits-use Civilian facility most**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-------------------|
| . | 30 | 0.35 | 23,374 | 0.31 | No response |
| 1 | 5,878 | 68.82 | 2,970,998 | 39.79 | None |
| 2 | 293 | 3.43 | 341,754 | 4.58 | 1 visit |
| 3 | 477 | 5.58 | 845,880 | 11.33 | 2 visits |
| 4 | 481 | 5.63 | 821,972 | 11.01 | 3 visits |
| 5 | 387 | 4.53 | 770,334 | 10.32 | 4 visits |
| 6 | 646 | 7.56 | 1,152,059 | 15.43 | 5 to 9 visits |
| 7 | 349 | 4.09 | 541,011 | 7.24 | 10 or more visits |

XSERVAFF -**Service affiliation**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 1,441 | 16.87 | 1,153,752 | 15.45 | Army |
| 2 | 3,555 | 41.62 | 904,595 | 12.11 | Air Force |
| 3 | 1,269 | 14.86 | 978,072 | 13.10 | Navy |
| 4 | 1,666 | 19.51 | 3,867,000 | 51.79 | Other |
| 5 | 610 | 7.14 | 563,964 | 7.55 | DHA |

KCIVINS -**Beneficiary covered by civilian insurance**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 1 | 472 | 5.53 | 634,251 | 8.49 | Yes |
| 2 | 8,069 | 94.47 | 6,833,131 | 91.51 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|---|
| . | 3,508 | 41.07 | 3,416,319 | 45.75 | Missing/Unknown/3 mnths prg now/not prg past yr |
| N | 4,736 | 55.45 | 3,837,644 | 51.39 | NA - male |
| 1 | 272 | 3.18 | 201,559 | 2.70 | Yes |
| 2 | 25 | 0.29 | 11,861 | 0.16 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 6,442 | 75.42 | 5,345,570 | 71.59 | Missing/Unknown/NA |
| 1 | 1,739 | 20.36 | 1,760,275 | 23.57 | Yes |
| 2 | 360 | 4.21 | 361,537 | 4.84 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 7,042 | 82.45 | 5,683,454 | 76.11 | Missing/Unknown/NA |
| 1 | 1,318 | 15.43 | 1,526,156 | 20.44 | Yes |
| 2 | 181 | 2.12 | 257,773 | 3.45 | No |

HP_PAP -**All women: pap smear in last 3 years**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 4,804 | 56.25 | 3,903,892 | 52.28 | Missing/Unknown/NA |
| 1 | 2,795 | 32.72 | 2,345,245 | 31.41 | Yes |
| 2 | 942 | 11.03 | 1,218,246 | 16.31 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| . | 141 | 1.65 | 97,208 | 1.30 | Unknown |
| 1 | 7,718 | 90.36 | 6,922,856 | 92.71 | Yes |
| 2 | 682 | 7.99 | 447,318 | 5.99 | No |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 8,316 | 97.37 | 5,189,710 | 69.50 | Missing/Unknown/NA |
| 1 | 180 | 2.11 | 1,843,700 | 24.69 | Yes |
| 2 | 45 | 0.53 | 433,973 | 5.81 | No |

HP_OBESE -**Obese or morbidly obese**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 703 | 8.23 | 616,526 | 8.26 | Missing/Unknown/NA |
| 1 | 2,065 | 24.18 | 1,928,794 | 25.83 | Yes |
| 2 | 5,773 | 67.59 | 4,922,062 | 65.91 | No |

HP_SMOKE -**Advised to quit smoking in last 12 months**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 7,590 | 88.87 | 6,738,176 | 90.23 | Missing/Unknown/NA |
| 1 | 745 | 8.72 | 535,637 | 7.17 | Yes |
| 2 | 206 | 2.41 | 193,569 | 2.59 | No |

HP_SMKH3 -**Smoker under HEDIS definition (modified)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 343 | 4.02 | 252,593 | 3.38 | Missing/Unknown/NA |
| 1 | 515 | 6.03 | 390,060 | 5.22 | Yes |
| 2 | 7,683 | 89.95 | 6,824,729 | 91.39 | No |

HP_CESH3 -**Had smoking cessation counseling - HEDIS (modified)**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|--------------------|
| . | 7,606 | 89.05 | 6,745,517 | 90.33 | Missing/Unknown/NA |
| 1 | 740 | 8.66 | 534,839 | 7.16 | Yes |
| 2 | 195 | 2.28 | 187,027 | 2.50 | No |

POSTCELL -

Poststratification cell for new weights

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 10001 | 72 | 0.84 | 10,102 | 0.14 | 10001 |
| 10003 | 53 | 0.62 | 13,124 | 0.18 | 10003 |
| 10004 | 114 | 1.33 | 10,081 | 0.14 | 10004 |
| 10005 | 33 | 0.39 | 17,212 | 0.23 | 10005 |
| 10006 | 67 | 0.78 | 19,710 | 0.26 | 10006 |
| 10008 | 131 | 1.53 | 7,172 | 0.10 | 10008 |
| 10009 | 54 | 0.63 | 16,947 | 0.23 | 10009 |
| 10010 | 77 | 0.90 | 11,828 | 0.16 | 10010 |
| 10013 | 85 | 1.00 | 9,606 | 0.13 | 10013 |
| 10014 | 39 | 0.46 | 20,719 | 0.28 | 10014 |
| 10018 | 140 | 1.64 | 4,870 | 0.07 | 10018 |
| 10019 | 72 | 0.84 | 5,152 | 0.07 | 10019 |
| 10024 | 33 | 0.39 | 57,410 | 0.77 | 10024 |
| 10028 | 45 | 0.53 | 13,344 | 0.18 | 10028 |
| 10029 | 35 | 0.41 | 73,884 | 0.99 | 10029 |
| 10030 | 32 | 0.37 | 16,831 | 0.23 | 10030 |
| 10032 | 33 | 0.39 | 46,071 | 0.62 | 10032 |
| 10033 | 49 | 0.57 | 18,367 | 0.25 | 10033 |
| 10038 | 48 | 0.56 | 45,801 | 0.61 | 10038 |
| 10039 | 31 | 0.36 | 47,281 | 0.63 | 10039 |
| 10042 | 54 | 0.63 | 22,678 | 0.30 | 10042 |
| 10043 | 81 | 0.95 | 2,140 | 0.03 | 10043 |
| 10045 | 62 | 0.73 | 24,924 | 0.33 | 10045 |
| 10046 | 129 | 1.51 | 9,002 | 0.12 | 10046 |
| 10047 | 51 | 0.60 | 34,993 | 0.47 | 10047 |
| 10048 | 30 | 0.35 | 47,618 | 0.64 | 10048 |
| 10049 | 29 | 0.34 | 40,595 | 0.54 | 10049 |
| 10051 | 97 | 1.14 | 9,274 | 0.12 | 10051 |
| 10052 | 45 | 0.53 | 54,513 | 0.73 | 10052 |
| 10053 | 70 | 0.82 | 6,435 | 0.09 | 10053 |
| 10055 | 71 | 0.83 | 13,689 | 0.18 | 10055 |
| 10056 | 43 | 0.50 | 23,685 | 0.32 | 10056 |
| 10057 | 31 | 0.36 | 26,228 | 0.35 | 10057 |
| 10058 | 63 | 0.74 | 11,650 | 0.16 | 10058 |
| 10060 | 21 | 0.25 | 53,801 | 0.72 | 10060 |
| 10061 | 72 | 0.84 | 7,209 | 0.10 | 10061 |
| 10062 | 71 | 0.83 | 10,626 | 0.14 | 10062 |
| 10064 | 25 | 0.29 | 14,049 | 0.19 | 10064 |
| 10066 | 58 | 0.68 | 19,664 | 0.26 | 10066 |
| 10067 | 50 | 0.59 | 28,769 | 0.39 | 10067 |
| 10068 | 103 | 1.21 | 10,664 | 0.14 | 10068 |
| 10069 | 66 | 0.77 | 45,627 | 0.61 | 10069 |
| 10073 | 108 | 1.26 | 16,571 | 0.22 | 10073 |
| 10074 | 85 | 1.00 | 3,187 | 0.04 | 10074 |
| 10075 | 42 | 0.49 | 20,305 | 0.27 | 10075 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 10076 | 88 | 1.03 | 7,962 | 0.11 | 10076 |
| 10077 | 81 | 0.95 | 6,856 | 0.09 | 10077 |
| 10078 | 74 | 0.87 | 16,314 | 0.22 | 10078 |
| 10079 | 46 | 0.54 | 31,283 | 0.42 | 10079 |
| 10083 | 96 | 1.12 | 9,393 | 0.13 | 10083 |
| 10086 | 62 | 0.73 | 12,104 | 0.16 | 10086 |
| 10089 | 29 | 0.34 | 74,193 | 0.99 | 10089 |
| 10090 | 72 | 0.84 | 7,794 | 0.10 | 10090 |
| 10091 | 27 | 0.32 | 54,982 | 0.74 | 10091 |
| 10092 | 41 | 0.48 | 14,131 | 0.19 | 10092 |
| 10094 | 79 | 0.92 | 9,078 | 0.12 | 10094 |
| 10095 | 60 | 0.70 | 22,547 | 0.30 | 10095 |
| 10096 | 41 | 0.48 | 12,152 | 0.16 | 10096 |
| 10098 | 34 | 0.40 | 17,543 | 0.23 | 10098 |
| 10100 | 58 | 0.68 | 15,207 | 0.20 | 10100 |
| 10101 | 77 | 0.90 | 8,846 | 0.12 | 10101 |
| 10103 | 29 | 0.34 | 14,979 | 0.20 | 10103 |
| 10104 | 23 | 0.27 | 15,940 | 0.21 | 10104 |
| 10105 | 58 | 0.68 | 14,115 | 0.19 | 10105 |
| 10108 | 27 | 0.32 | 51,871 | 0.69 | 10108 |
| 10109 | 45 | 0.53 | 64,700 | 0.87 | 10109 |
| 10110 | 33 | 0.39 | 71,703 | 0.96 | 10110 |
| 10112 | 48 | 0.56 | 6,667 | 0.09 | 10112 |
| 10113 | 64 | 0.75 | 11,203 | 0.15 | 10113 |
| 10117 | 47 | 0.55 | 33,700 | 0.45 | 10117 |
| 10118 | 78 | 0.91 | 10,482 | 0.14 | 10118 |
| 10119 | 43 | 0.50 | 11,018 | 0.15 | 10119 |
| 10120 | 51 | 0.60 | 22,572 | 0.30 | 10120 |
| 10121 | 65 | 0.76 | 19,461 | 0.26 | 10121 |
| 10122 | 46 | 0.54 | 14,889 | 0.20 | 10122 |
| 10123 | 60 | 0.70 | 65,577 | 0.88 | 10123 |
| 10124 | 38 | 0.44 | 88,386 | 1.18 | 10124 |
| 10125 | 48 | 0.56 | 72,927 | 0.98 | 10125 |
| 10126 | 36 | 0.42 | 30,754 | 0.41 | 10126 |
| 10127 | 43 | 0.50 | 15,129 | 0.20 | 10127 |
| 10128 | 124 | 1.45 | 7,124 | 0.10 | 10128 |
| 10129 | 67 | 0.78 | 6,640 | 0.09 | 10129 |
| 10131 | 43 | 0.50 | 7,251 | 0.10 | 10131 |
| 10248 | 64 | 0.75 | 5,887 | 0.08 | 10248 |
| 10252 | 52 | 0.61 | 15,438 | 0.21 | 10252 |
| 10280 | 48 | 0.56 | 17,721 | 0.24 | 10280 |
| 10306 | 73 | 0.85 | 11,525 | 0.15 | 10306 |
| 10310 | 137 | 1.60 | 4,528 | 0.06 | 10310 |
| 10330 | 24 | 0.28 | 21,698 | 0.29 | 10330 |
| 10356 | 71 | 0.83 | 7,978 | 0.11 | 10356 |
| 10364 | 55 | 0.64 | 7,770 | 0.10 | 10364 |
| 10385 | 59 | 0.69 | 16,065 | 0.22 | 10385 |

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|-------|------------------|--------------------|----------------|------------------|-----------------|
| 10405 | 41 | 0.48 | 10,048 | 0.13 | 10405 |
| 10407 | 43 | 0.50 | 8,799 | 0.12 | 10407 |
| 10607 | 47 | 0.55 | 26,431 | 0.35 | 10607 |
| 10609 | 39 | 0.46 | 23,258 | 0.31 | 10609 |
| 10612 | 36 | 0.42 | 28,642 | 0.38 | 10612 |
| 10620 | 59 | 0.69 | 7,226 | 0.10 | 10620 |
| 10621 | 42 | 0.49 | 26,024 | 0.35 | 10621 |
| 10622 | 48 | 0.56 | 19,086 | 0.26 | 10622 |
| 10633 | 67 | 0.78 | 11,969 | 0.16 | 10633 |
| 10804 | 59 | 0.69 | 10,947 | 0.15 | 10804 |
| 10805 | 142 | 1.66 | 4,323 | 0.06 | 10805 |
| 10806 | 76 | 0.89 | 13,221 | 0.18 | 10806 |
| 16034 | 50 | 0.59 | 12,194 | 0.16 | 16034 |
| 17139 | 81 | 0.95 | 11,640 | 0.16 | 17139 |
| 19001 | 161 | 1.89 | 392,487 | 5.26 | 19001 |
| 19003 | 187 | 2.19 | 203,555 | 2.73 | 19003 |
| 19004 | 189 | 2.21 | 73,481 | 0.98 | 19004 |
| 29001 | 234 | 2.74 | 612,690 | 8.20 | 29001 |
| 29003 | 260 | 3.04 | 220,056 | 2.95 | 29003 |
| 39001 | 325 | 3.81 | 941,994 | 12.61 | 39001 |
| 39003 | 350 | 4.10 | 373,752 | 5.01 | 39003 |
| 39004 | 342 | 4.00 | 45,895 | 0.61 | 39004 |
| 69999 | 199 | 2.33 | 2,280,177 | 30.54 | 69999 |

FWRWT1 -

Replicated/Jackknife quarterly weight 1

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.160 | 871 | 10.20 | 172,343 | 2.31 | Minimum to 10th Percentile |
| 24.638 -- 66.318 | 1,277 | 14.95 | 51,626 | 0.69 | >10th to 25th Percentile |
| 66.879 -- 234.268 | 2,144 | 25.10 | 318,788 | 4.27 | >25th to 50th Percentile |
| 234.893 -- 713.424 | 2,108 | 24.68 | 847,215 | 11.35 | >50th to 75th Percentile |
| 713.572 -- 1866.802 | 1,290 | 15.10 | 1,514,529 | 20.28 | >75th to 90th Percentile |
| 1870.161 -- 18564.09 | 851 | 9.96 | 4,562,880 | 61.10 | >90th to 100th Percentile |

FWRWT2 -

Replicated/Jackknife quarterly weight 2

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 23.979 | 908 | 10.63 | 172,272 | 2.31 | Minimum to 10th Percentile |
| 24.387 -- 63.374 | 1,234 | 14.45 | 49,018 | 0.66 | >10th to 25th Percentile |
| 63.724 -- 234.809 | 2,164 | 25.34 | 318,728 | 4.27 | >25th to 50th Percentile |
| 235.211 -- 722.127 | 2,099 | 24.58 | 839,005 | 11.24 | >50th to 75th Percentile |
| 723.980 -- 1851.636 | 1,285 | 15.05 | 1,509,648 | 20.22 | >75th to 90th Percentile |
| 1865.424 -- 18467.52 | 851 | 9.96 | 4,578,711 | 61.32 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.161 | 911 | 10.67 | 165,507 | 2.22 | Minimum to 10th Percentile |
| 24.411 -- 65.497 | 1,207 | 14.13 | 48,241 | 0.65 | >10th to 25th Percentile |
| 65.503 -- 236.528 | 2,186 | 25.59 | 321,933 | 4.31 | >25th to 50th Percentile |
| 237.072 -- 737.289 | 2,118 | 24.80 | 855,785 | 11.46 | >50th to 75th Percentile |
| 737.839 -- 1812.381 | 1,266 | 14.82 | 1,492,861 | 19.99 | >75th to 90th Percentile |
| 1819.547 -- 18271.60 | 853 | 9.99 | 4,583,056 | 61.37 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 23.872 | 870 | 10.19 | 119,413 | 1.60 | Minimum to 10th Percentile |
| 24.299 -- 66.476 | 1,263 | 14.79 | 51,226 | 0.69 | >10th to 25th Percentile |
| 66.695 -- 238.259 | 2,163 | 25.32 | 322,960 | 4.32 | >25th to 50th Percentile |
| 238.906 -- 722.660 | 2,106 | 24.66 | 850,387 | 11.39 | >50th to 75th Percentile |
| 725.687 -- 1882.140 | 1,294 | 15.15 | 1,532,552 | 20.52 | >75th to 90th Percentile |
| 1883.038 -- 18349.15 | 845 | 9.89 | 4,590,844 | 61.48 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.148 | 906 | 10.61 | 161,748 | 2.17 | Minimum to 10th Percentile |
| 24.449 -- 65.215 | 1,234 | 14.45 | 50,201 | 0.67 | >10th to 25th Percentile |
| 65.563 -- 234.414 | 2,131 | 24.95 | 314,646 | 4.21 | >25th to 50th Percentile |
| 235.569 -- 730.089 | 2,137 | 25.02 | 856,285 | 11.47 | >50th to 75th Percentile |
| 731.163 -- 1887.768 | 1,279 | 14.97 | 1,500,307 | 20.09 | >75th to 90th Percentile |
| 1891.174 -- 18314.68 | 854 | 10.00 | 4,584,195 | 61.39 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.297 | 911 | 10.67 | 147,762 | 1.98 | Minimum to 10th Percentile |
| 24.479 -- 65.452 | 1,219 | 14.27 | 49,098 | 0.66 | >10th to 25th Percentile |
| 65.550 -- 239.438 | 2,199 | 25.75 | 327,442 | 4.38 | >25th to 50th Percentile |
| 240.589 -- 711.922 | 2,052 | 24.03 | 823,707 | 11.03 | >50th to 75th Percentile |
| 712.710 -- 1844.874 | 1,308 | 15.31 | 1,527,808 | 20.46 | >75th to 90th Percentile |
| 1847.598 -- 18097.96 | 852 | 9.98 | 4,591,566 | 61.49 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.089 | 897 | 10.50 | 100,456 | 1.35 | Minimum to 10th Percentile |
| 24.195 -- 65.479 | 1,242 | 14.54 | 50,588 | 0.68 | >10th to 25th Percentile |
| 65.547 -- 238.134 | 2,165 | 25.35 | 324,612 | 4.35 | >25th to 50th Percentile |
| 239.373 -- 722.352 | 2,100 | 24.59 | 851,824 | 11.41 | >50th to 75th Percentile |
| 722.760 -- 1843.404 | 1,289 | 15.09 | 1,525,558 | 20.43 | >75th to 90th Percentile |
| 1852.425 -- 18219.83 | 848 | 9.93 | 4,614,343 | 61.79 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.262 | 870 | 10.19 | 127,185 | 1.70 | Minimum to 10th Percentile |
| 24.873 -- 65.394 | 1,284 | 15.03 | 51,677 | 0.69 | >10th to 25th Percentile |
| 65.620 -- 237.473 | 2,152 | 25.20 | 321,788 | 4.31 | >25th to 50th Percentile |
| 238.336 -- 715.362 | 2,125 | 24.88 | 866,123 | 11.60 | >50th to 75th Percentile |
| 716.795 -- 1833.276 | 1,260 | 14.75 | 1,499,924 | 20.09 | >75th to 90th Percentile |
| 1845.634 -- 18187.97 | 850 | 9.95 | 4,600,686 | 61.61 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 23.883 | 857 | 10.03 | 119,623 | 1.60 | Minimum to 10th Percentile |
| 24.584 -- 65.782 | 1,271 | 14.88 | 50,988 | 0.68 | >10th to 25th Percentile |
| 66.715 -- 235.935 | 2,151 | 25.18 | 318,752 | 4.27 | >25th to 50th Percentile |
| 236.940 -- 713.243 | 2,112 | 24.73 | 848,746 | 11.37 | >50th to 75th Percentile |
| 714.738 -- 1837.260 | 1,296 | 15.17 | 1,524,202 | 20.41 | >75th to 90th Percentile |
| 1843.704 -- 18140.80 | 854 | 10.00 | 4,605,071 | 61.67 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.391 | 891 | 10.43 | 145,052 | 1.94 | Minimum to 10th Percentile |
| 24.777 -- 65.107 | 1,230 | 14.40 | 49,793 | 0.67 | >10th to 25th Percentile |
| 65.576 -- 239.217 | 2,158 | 25.27 | 319,890 | 4.28 | >25th to 50th Percentile |
| 239.833 -- 706.319 | 2,086 | 24.42 | 831,355 | 11.13 | >50th to 75th Percentile |
| 707.866 -- 1862.572 | 1,324 | 15.50 | 1,547,944 | 20.73 | >75th to 90th Percentile |
| 1863.099 -- 18462.37 | 852 | 9.98 | 4,573,349 | 61.24 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 23.999 | 864 | 10.12 | 156,770 | 2.10 | Minimum to 10th Percentile |
| 24.577 -- 64.444 | 1,267 | 14.83 | 50,462 | 0.68 | >10th to 25th Percentile |
| 64.675 -- 234.675 | 2,169 | 25.40 | 321,667 | 4.31 | >25th to 50th Percentile |
| 235.713 -- 725.131 | 2,086 | 24.42 | 835,892 | 11.19 | >50th to 75th Percentile |
| 725.847 -- 1847.161 | 1,304 | 15.27 | 1,528,956 | 20.48 | >75th to 90th Percentile |
| 1850.147 -- 18252.05 | 851 | 9.96 | 4,573,635 | 61.25 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.488 | 916 | 10.72 | 120,994 | 1.62 | Minimum to 10th Percentile |
| 24.586 -- 66.023 | 1,225 | 14.34 | 50,413 | 0.68 | >10th to 25th Percentile |
| 66.570 -- 234.300 | 2,137 | 25.02 | 318,131 | 4.26 | >25th to 50th Percentile |
| 235.253 -- 721.410 | 2,125 | 24.88 | 855,728 | 11.46 | >50th to 75th Percentile |
| 721.894 -- 1833.018 | 1,284 | 15.03 | 1,515,329 | 20.29 | >75th to 90th Percentile |
| 1836.536 -- 18038.98 | 854 | 10.00 | 4,606,788 | 61.69 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.240 | 888 | 10.40 | 123,852 | 1.66 | Minimum to 10th Percentile |
| 24.574 -- 63.484 | 1,237 | 14.48 | 48,937 | 0.66 | >10th to 25th Percentile |
| 63.604 -- 236.279 | 2,148 | 25.15 | 315,387 | 4.22 | >25th to 50th Percentile |
| 236.872 -- 710.392 | 2,168 | 25.38 | 885,526 | 11.86 | >50th to 75th Percentile |
| 712.654 -- 1818.481 | 1,251 | 14.65 | 1,499,895 | 20.09 | >75th to 90th Percentile |
| 1819.751 -- 18265.87 | 849 | 9.94 | 4,593,786 | 61.52 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.535 | 923 | 10.81 | 154,610 | 2.07 | Minimum to 10th Percentile |
| 24.865 -- 64.416 | 1,205 | 14.11 | 49,197 | 0.66 | >10th to 25th Percentile |
| 64.705 -- 236.207 | 2,146 | 25.13 | 317,998 | 4.26 | >25th to 50th Percentile |
| 236.833 -- 715.241 | 2,116 | 24.77 | 848,221 | 11.36 | >50th to 75th Percentile |
| 715.806 -- 1860.527 | 1,302 | 15.24 | 1,533,412 | 20.53 | >75th to 90th Percentile |
| 1865.021 -- 18343.38 | 849 | 9.94 | 4,563,945 | 61.12 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.216 | 911 | 10.67 | 199,873 | 2.68 | Minimum to 10th Percentile |
| 24.497 -- 64.377 | 1,217 | 14.25 | 49,012 | 0.66 | >10th to 25th Percentile |
| 64.546 -- 235.866 | 2,162 | 25.31 | 318,305 | 4.26 | >25th to 50th Percentile |
| 236.924 -- 717.335 | 2,146 | 25.13 | 873,507 | 11.70 | >50th to 75th Percentile |
| 717.551 -- 1897.342 | 1,277 | 14.95 | 1,532,449 | 20.52 | >75th to 90th Percentile |
| 1897.916 -- 18695.98 | 828 | 9.69 | 4,494,238 | 60.18 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.306 | 899 | 10.53 | 136,426 | 1.83 | Minimum to 10th Percentile |
| 24.707 -- 65.465 | 1,235 | 14.46 | 50,226 | 0.67 | >10th to 25th Percentile |
| 65.821 -- 236.686 | 2,148 | 25.15 | 318,875 | 4.27 | >25th to 50th Percentile |
| 237.278 -- 720.156 | 2,118 | 24.80 | 854,805 | 11.45 | >50th to 75th Percentile |
| 720.587 -- 1870.275 | 1,309 | 15.33 | 1,562,155 | 20.92 | >75th to 90th Percentile |
| 1870.803 -- 18413.29 | 832 | 9.74 | 4,544,896 | 60.86 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.360 | 866 | 10.14 | 115,669 | 1.55 | Minimum to 10th Percentile |
| 24.843 -- 63.796 | 1,235 | 14.46 | 49,020 | 0.66 | >10th to 25th Percentile |
| 64.517 -- 235.616 | 2,193 | 25.68 | 323,267 | 4.33 | >25th to 50th Percentile |
| 236.154 -- 720.612 | 2,077 | 24.32 | 827,560 | 11.08 | >50th to 75th Percentile |
| 722.712 -- 1853.182 | 1,319 | 15.44 | 1,543,890 | 20.68 | >75th to 90th Percentile |
| 1866.102 -- 18333.23 | 851 | 9.96 | 4,607,977 | 61.71 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.003 | 891 | 10.43 | 191,432 | 2.56 | Minimum to 10th Percentile |
| 24.419 -- 65.113 | 1,241 | 14.53 | 49,461 | 0.66 | >10th to 25th Percentile |
| 65.529 -- 234.867 | 2,159 | 25.28 | 318,060 | 4.26 | >25th to 50th Percentile |
| 235.532 -- 722.462 | 2,097 | 24.55 | 837,323 | 11.21 | >50th to 75th Percentile |
| 724.587 -- 1881.541 | 1,299 | 15.21 | 1,514,350 | 20.28 | >75th to 90th Percentile |
| 1883.478 -- 18622.66 | 854 | 10.00 | 4,556,756 | 61.02 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.794 | 905 | 10.60 | 135,523 | 1.81 | Minimum to 10th Percentile |
| 24.942 -- 65.451 | 1,247 | 14.60 | 50,983 | 0.68 | >10th to 25th Percentile |
| 66.419 -- 236.946 | 2,122 | 24.84 | 316,103 | 4.23 | >25th to 50th Percentile |
| 237.370 -- 717.017 | 2,170 | 25.41 | 885,464 | 11.86 | >50th to 75th Percentile |
| 717.548 -- 1834.709 | 1,248 | 14.61 | 1,490,096 | 19.95 | >75th to 90th Percentile |
| 1844.149 -- 18285.85 | 849 | 9.94 | 4,589,214 | 61.46 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.192 | 923 | 10.81 | 94,256 | 1.26 | Minimum to 10th Percentile |
| 25.602 -- 67.202 | 1,216 | 14.24 | 50,015 | 0.67 | >10th to 25th Percentile |
| 67.562 -- 236.862 | 2,134 | 24.99 | 318,474 | 4.26 | >25th to 50th Percentile |
| 238.527 -- 712.393 | 2,081 | 24.36 | 827,939 | 11.09 | >50th to 75th Percentile |
| 713.528 -- 1850.853 | 1,335 | 15.63 | 1,563,905 | 20.94 | >75th to 90th Percentile |
| 1854.682 -- 18353.49 | 852 | 9.98 | 4,612,793 | 61.77 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.622 | 936 | 10.96 | 164,850 | 2.21 | Minimum to 10th Percentile |
| 26.034 -- 66.278 | 1,206 | 14.12 | 49,985 | 0.67 | >10th to 25th Percentile |
| 66.870 -- 237.443 | 2,152 | 25.20 | 320,829 | 4.30 | >25th to 50th Percentile |
| 238.000 -- 717.288 | 2,152 | 25.20 | 880,981 | 11.80 | >50th to 75th Percentile |
| 717.735 -- 1844.807 | 1,248 | 14.61 | 1,488,107 | 19.93 | >75th to 90th Percentile |
| 1847.040 -- 18233.07 | 847 | 9.92 | 4,562,631 | 61.10 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.669 | 895 | 10.48 | 132,598 | 1.78 | Minimum to 10th Percentile |
| 24.978 -- 65.316 | 1,243 | 14.55 | 50,761 | 0.68 | >10th to 25th Percentile |
| 65.580 -- 235.445 | 2,138 | 25.03 | 317,678 | 4.25 | >25th to 50th Percentile |
| 236.258 -- 726.092 | 2,123 | 24.86 | 852,556 | 11.42 | >50th to 75th Percentile |
| 726.961 -- 1873.186 | 1,311 | 15.35 | 1,563,656 | 20.94 | >75th to 90th Percentile |
| 1875.189 -- 18202.89 | 831 | 9.73 | 4,550,134 | 60.93 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.370 | 936 | 10.96 | 116,144 | 1.56 | Minimum to 10th Percentile |
| 25.676 -- 65.395 | 1,195 | 13.99 | 49,240 | 0.66 | >10th to 25th Percentile |
| 65.667 -- 238.390 | 2,181 | 25.54 | 326,952 | 4.38 | >25th to 50th Percentile |
| 238.845 -- 708.267 | 2,127 | 24.90 | 875,556 | 11.73 | >50th to 75th Percentile |
| 710.388 -- 1852.952 | 1,250 | 14.64 | 1,494,254 | 20.01 | >75th to 90th Percentile |
| 1858.051 -- 18416.90 | 852 | 9.98 | 4,605,237 | 61.67 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.172 | 900 | 10.54 | 120,994 | 1.62 | Minimum to 10th Percentile |
| 24.480 -- 65.350 | 1,235 | 14.46 | 50,088 | 0.67 | >10th to 25th Percentile |
| 65.673 -- 234.097 | 2,137 | 25.02 | 316,202 | 4.23 | >25th to 50th Percentile |
| 235.018 -- 717.121 | 2,103 | 24.62 | 839,373 | 11.24 | >50th to 75th Percentile |
| 717.868 -- 1878.915 | 1,343 | 15.72 | 1,597,124 | 21.39 | >75th to 90th Percentile |
| 1884.581 -- 18299.52 | 823 | 9.64 | 4,543,603 | 60.85 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.551 | 919 | 10.76 | 159,472 | 2.14 | Minimum to 10th Percentile |
| 24.865 -- 63.444 | 1,219 | 14.27 | 48,995 | 0.66 | >10th to 25th Percentile |
| 63.602 -- 237.186 | 2,172 | 25.43 | 321,030 | 4.30 | >25th to 50th Percentile |
| 238.127 -- 715.295 | 2,073 | 24.27 | 828,409 | 11.09 | >50th to 75th Percentile |
| 715.555 -- 1888.826 | 1,313 | 15.37 | 1,538,868 | 20.61 | >75th to 90th Percentile |
| 1895.286 -- 18489.85 | 845 | 9.89 | 4,570,610 | 61.21 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.650 | 921 | 10.78 | 153,369 | 2.05 | Minimum to 10th Percentile |
| 25.104 -- 64.481 | 1,215 | 14.23 | 49,146 | 0.66 | >10th to 25th Percentile |
| 64.829 -- 235.116 | 2,138 | 25.03 | 315,181 | 4.22 | >25th to 50th Percentile |
| 235.617 -- 716.749 | 2,127 | 24.90 | 851,530 | 11.40 | >50th to 75th Percentile |
| 717.880 -- 1896.173 | 1,316 | 15.41 | 1,569,291 | 21.02 | >75th to 90th Percentile |
| 1901.905 -- 18451.02 | 824 | 9.65 | 4,528,866 | 60.65 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.512 | 864 | 10.12 | 97,956 | 1.31 | Minimum to 10th Percentile |
| 24.763 -- 63.419 | 1,272 | 14.89 | 51,085 | 0.68 | >10th to 25th Percentile |
| 63.677 -- 235.542 | 2,151 | 25.18 | 319,472 | 4.28 | >25th to 50th Percentile |
| 236.253 -- 720.336 | 2,114 | 24.75 | 856,018 | 11.46 | >50th to 75th Percentile |
| 720.792 -- 1854.216 | 1,293 | 15.14 | 1,537,437 | 20.59 | >75th to 90th Percentile |
| 1855.279 -- 18300.04 | 847 | 9.92 | 4,605,415 | 61.67 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.669 | 904 | 10.58 | 189,855 | 2.54 | Minimum to 10th Percentile |
| 24.696 -- 65.445 | 1,239 | 14.51 | 50,321 | 0.67 | >10th to 25th Percentile |
| 65.616 -- 235.527 | 2,135 | 25.00 | 315,341 | 4.22 | >25th to 50th Percentile |
| 236.189 -- 719.348 | 2,140 | 25.06 | 857,081 | 11.48 | >50th to 75th Percentile |
| 719.585 -- 1836.721 | 1,269 | 14.86 | 1,493,381 | 20.00 | >75th to 90th Percentile |
| 1845.298 -- 18356.54 | 854 | 10.00 | 4,561,404 | 61.08 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.662 | 870 | 10.19 | 149,288 | 2.00 | Minimum to 10th Percentile |
| 25.211 -- 65.460 | 1,262 | 14.78 | 50,593 | 0.68 | >10th to 25th Percentile |
| 65.824 -- 238.585 | 2,169 | 25.40 | 321,624 | 4.31 | >25th to 50th Percentile |
| 239.551 -- 721.299 | 2,099 | 24.58 | 842,299 | 11.28 | >50th to 75th Percentile |
| 721.993 -- 1832.238 | 1,290 | 15.10 | 1,515,202 | 20.29 | >75th to 90th Percentile |
| 1835.381 -- 18253.26 | 851 | 9.96 | 4,588,378 | 61.45 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.103 | 903 | 10.57 | 115,587 | 1.55 | Minimum to 10th Percentile |
| 24.392 -- 65.470 | 1,239 | 14.51 | 50,567 | 0.68 | >10th to 25th Percentile |
| 65.641 -- 237.217 | 2,138 | 25.03 | 318,301 | 4.26 | >25th to 50th Percentile |
| 238.132 -- 726.481 | 2,195 | 25.70 | 907,449 | 12.15 | >50th to 75th Percentile |
| 728.096 -- 1849.627 | 1,215 | 14.23 | 1,468,542 | 19.67 | >75th to 90th Percentile |
| 1851.845 -- 18000.25 | 851 | 9.96 | 4,606,936 | 61.69 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.326 | 916 | 10.72 | 184,016 | 2.46 | Minimum to 10th Percentile |
| 24.404 -- 63.395 | 1,205 | 14.11 | 48,168 | 0.65 | >10th to 25th Percentile |
| 63.620 -- 235.728 | 2,152 | 25.20 | 314,015 | 4.21 | >25th to 50th Percentile |
| 236.233 -- 738.402 | 2,130 | 24.94 | 849,449 | 11.38 | >50th to 75th Percentile |
| 738.981 -- 1825.733 | 1,285 | 15.05 | 1,511,145 | 20.24 | >75th to 90th Percentile |
| 1833.924 -- 18458.28 | 853 | 9.99 | 4,560,590 | 61.07 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.620 | 918 | 10.75 | 193,937 | 2.60 | Minimum to 10th Percentile |
| 24.709 -- 66.490 | 1,231 | 14.41 | 49,818 | 0.67 | >10th to 25th Percentile |
| 66.751 -- 238.570 | 2,155 | 25.23 | 319,717 | 4.28 | >25th to 50th Percentile |
| 239.345 -- 707.285 | 2,057 | 24.08 | 814,248 | 10.90 | >50th to 75th Percentile |
| 707.667 -- 1874.323 | 1,337 | 15.65 | 1,558,376 | 20.87 | >75th to 90th Percentile |
| 1876.738 -- 18657.81 | 843 | 9.87 | 4,531,287 | 60.68 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.289 | 909 | 10.64 | 153,273 | 2.05 | Minimum to 10th Percentile |
| 25.096 -- 64.244 | 1,225 | 14.34 | 49,776 | 0.67 | >10th to 25th Percentile |
| 64.655 -- 235.958 | 2,150 | 25.17 | 318,116 | 4.26 | >25th to 50th Percentile |
| 237.459 -- 726.397 | 2,122 | 24.84 | 851,116 | 11.40 | >50th to 75th Percentile |
| 727.129 -- 1855.902 | 1,284 | 15.03 | 1,512,252 | 20.25 | >75th to 90th Percentile |
| 1857.479 -- 18412.00 | 851 | 9.96 | 4,582,851 | 61.37 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.117 | 900 | 10.54 | 204,333 | 2.74 | Minimum to 10th Percentile |
| 24.238 -- 63.358 | 1,247 | 14.60 | 49,821 | 0.67 | >10th to 25th Percentile |
| 63.522 -- 236.020 | 2,157 | 25.25 | 319,486 | 4.28 | >25th to 50th Percentile |
| 237.190 -- 725.182 | 2,101 | 24.60 | 840,587 | 11.26 | >50th to 75th Percentile |
| 726.618 -- 1829.712 | 1,283 | 15.02 | 1,495,478 | 20.03 | >75th to 90th Percentile |
| 1836.285 -- 18262.59 | 853 | 9.99 | 4,557,677 | 61.03 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.253 | 914 | 10.70 | 126,601 | 1.70 | Minimum to 10th Percentile |
| 24.560 -- 65.454 | 1,228 | 14.38 | 49,813 | 0.67 | >10th to 25th Percentile |
| 65.645 -- 235.959 | 2,153 | 25.21 | 319,720 | 4.28 | >25th to 50th Percentile |
| 236.713 -- 727.966 | 2,104 | 24.63 | 846,537 | 11.34 | >50th to 75th Percentile |
| 729.651 -- 1840.542 | 1,294 | 15.15 | 1,528,215 | 20.47 | >75th to 90th Percentile |
| 1842.043 -- 18014.01 | 848 | 9.93 | 4,596,497 | 61.55 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.563 | 928 | 10.87 | 103,921 | 1.39 | Minimum to 10th Percentile |
| 24.716 -- 63.295 | 1,193 | 13.97 | 48,514 | 0.65 | >10th to 25th Percentile |
| 63.559 -- 236.759 | 2,187 | 25.61 | 324,129 | 4.34 | >25th to 50th Percentile |
| 237.614 -- 718.096 | 2,083 | 24.39 | 838,765 | 11.23 | >50th to 75th Percentile |
| 718.926 -- 1838.419 | 1,302 | 15.24 | 1,537,968 | 20.60 | >75th to 90th Percentile |
| 1858.387 -- 18061.58 | 848 | 9.93 | 4,614,085 | 61.79 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.285 | 858 | 10.05 | 136,614 | 1.83 | Minimum to 10th Percentile |
| 24.993 -- 65.166 | 1,273 | 14.90 | 51,122 | 0.68 | >10th to 25th Percentile |
| 65.575 -- 237.516 | 2,160 | 25.29 | 321,719 | 4.31 | >25th to 50th Percentile |
| 238.042 -- 719.933 | 2,093 | 24.51 | 840,080 | 11.25 | >50th to 75th Percentile |
| 720.889 -- 1863.623 | 1,305 | 15.28 | 1,533,993 | 20.54 | >75th to 90th Percentile |
| 1864.430 -- 18384.26 | 852 | 9.98 | 4,583,855 | 61.39 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.326 | 899 | 10.53 | 118,435 | 1.59 | Minimum to 10th Percentile |
| 25.437 -- 65.122 | 1,243 | 14.55 | 50,634 | 0.68 | >10th to 25th Percentile |
| 65.995 -- 235.755 | 2,140 | 25.06 | 318,223 | 4.26 | >25th to 50th Percentile |
| 236.015 -- 729.011 | 2,124 | 24.87 | 855,768 | 11.46 | >50th to 75th Percentile |
| 730.822 -- 1864.186 | 1,288 | 15.08 | 1,526,997 | 20.45 | >75th to 90th Percentile |
| 1868.660 -- 18040.02 | 847 | 9.92 | 4,597,325 | 61.57 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.598 | 917 | 10.74 | 149,683 | 2.00 | Minimum to 10th Percentile |
| 24.876 -- 64.400 | 1,223 | 14.32 | 50,420 | 0.68 | >10th to 25th Percentile |
| 64.853 -- 233.804 | 2,132 | 24.96 | 316,242 | 4.23 | >25th to 50th Percentile |
| 234.420 -- 721.072 | 2,133 | 24.97 | 855,887 | 11.46 | >50th to 75th Percentile |
| 725.524 -- 1859.653 | 1,287 | 15.07 | 1,512,985 | 20.26 | >75th to 90th Percentile |
| 1864.511 -- 18082.76 | 849 | 9.94 | 4,582,167 | 61.36 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.242 | 885 | 10.36 | 82,351 | 1.10 | Minimum to 10th Percentile |
| 24.591 -- 67.303 | 1,260 | 14.75 | 51,760 | 0.69 | >10th to 25th Percentile |
| 67.814 -- 235.196 | 2,129 | 24.93 | 317,462 | 4.25 | >25th to 50th Percentile |
| 236.465 -- 713.811 | 2,091 | 24.48 | 832,269 | 11.15 | >50th to 75th Percentile |
| 715.615 -- 1855.025 | 1,322 | 15.48 | 1,548,952 | 20.74 | >75th to 90th Percentile |
| 1861.942 -- 18022.00 | 854 | 10.00 | 4,634,588 | 62.06 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.308 | 887 | 10.39 | 154,241 | 2.07 | Minimum to 10th Percentile |
| 24.540 -- 64.433 | 1,250 | 14.64 | 50,289 | 0.67 | >10th to 25th Percentile |
| 64.503 -- 238.319 | 2,172 | 25.43 | 324,489 | 4.35 | >25th to 50th Percentile |
| 239.080 -- 730.265 | 2,102 | 24.61 | 850,558 | 11.39 | >50th to 75th Percentile |
| 730.890 -- 1870.765 | 1,298 | 15.20 | 1,539,646 | 20.62 | >75th to 90th Percentile |
| 1872.197 -- 18112.35 | 832 | 9.74 | 4,548,160 | 60.91 | >90th to 100th Percentile |

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

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.052 | 859 | 10.06 | 118,679 | 1.59 | Minimum to 10th Percentile |
| 24.790 -- 65.443 | 1,279 | 14.97 | 51,416 | 0.69 | >10th to 25th Percentile |
| 65.924 -- 235.281 | 2,136 | 25.01 | 317,292 | 4.25 | >25th to 50th Percentile |
| 235.789 -- 716.197 | 2,174 | 25.45 | 889,349 | 11.91 | >50th to 75th Percentile |
| 716.839 -- 1867.663 | 1,281 | 15.00 | 1,566,980 | 20.98 | >75th to 90th Percentile |
| 1876.660 -- 18169.77 | 812 | 9.51 | 4,523,668 | 60.58 | >90th to 100th Percentile |

FWRWT43 -**Replicated/Jackknife quarterly weight 43**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.155 | 883 | 10.34 | 116,461 | 1.56 | Minimum to 10th Percentile |
| 25.423 -- 65.403 | 1,243 | 14.55 | 50,277 | 0.67 | >10th to 25th Percentile |
| 65.538 -- 237.065 | 2,153 | 25.21 | 318,683 | 4.27 | >25th to 50th Percentile |
| 237.946 -- 712.155 | 2,169 | 25.40 | 887,499 | 11.89 | >50th to 75th Percentile |
| 715.791 -- 1860.264 | 1,242 | 14.54 | 1,487,535 | 19.92 | >75th to 90th Percentile |
| 1861.524 -- 18478.86 | 851 | 9.96 | 4,606,927 | 61.69 | >90th to 100th Percentile |

FWRWT44 -**Replicated/Jackknife quarterly weight 44**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.052 | 898 | 10.51 | 105,689 | 1.42 | Minimum to 10th Percentile |
| 24.087 -- 65.052 | 1,240 | 14.52 | 50,509 | 0.68 | >10th to 25th Percentile |
| 65.646 -- 233.233 | 2,134 | 24.99 | 315,191 | 4.22 | >25th to 50th Percentile |
| 233.513 -- 721.065 | 2,168 | 25.38 | 880,923 | 11.80 | >50th to 75th Percentile |
| 722.526 -- 1878.565 | 1,257 | 14.72 | 1,502,282 | 20.12 | >75th to 90th Percentile |
| 1880.226 -- 18033.80 | 844 | 9.88 | 4,612,788 | 61.77 | >90th to 100th Percentile |

FWRWT45 -**Replicated/Jackknife quarterly weight 45**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.530 | 879 | 10.29 | 135,216 | 1.81 | Minimum to 10th Percentile |
| 24.937 -- 64.399 | 1,263 | 14.79 | 50,388 | 0.67 | >10th to 25th Percentile |
| 64.609 -- 235.551 | 2,142 | 25.08 | 316,278 | 4.24 | >25th to 50th Percentile |
| 236.449 -- 717.368 | 2,164 | 25.34 | 884,222 | 11.84 | >50th to 75th Percentile |
| 717.675 -- 1864.977 | 1,239 | 14.51 | 1,480,938 | 19.83 | >75th to 90th Percentile |
| 1865.884 -- 18224.67 | 854 | 10.00 | 4,600,340 | 61.61 | >90th to 100th Percentile |

FWRWT46 -**Replicated/Jackknife quarterly weight 46**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 25.133 | 943 | 11.04 | 166,871 | 2.23 | Minimum to 10th Percentile |
| 25.478 -- 65.251 | 1,187 | 13.90 | 48,321 | 0.65 | >10th to 25th Percentile |
| 65.586 -- 236.892 | 2,170 | 25.41 | 321,039 | 4.30 | >25th to 50th Percentile |
| 237.810 -- 710.433 | 2,090 | 24.47 | 839,393 | 11.24 | >50th to 75th Percentile |
| 710.774 -- 1834.491 | 1,299 | 15.21 | 1,523,684 | 20.40 | >75th to 90th Percentile |
| 1846.309 -- 18569.96 | 852 | 9.98 | 4,568,075 | 61.17 | >90th to 100th Percentile |

FWRWT47 -**Replicated/Jackknife quarterly weight 47**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.244 | 861 | 10.08 | 141,369 | 1.89 | Minimum to 10th Percentile |
| 25.052 -- 64.334 | 1,280 | 14.99 | 50,967 | 0.68 | >10th to 25th Percentile |
| 64.524 -- 238.858 | 2,155 | 25.23 | 319,441 | 4.28 | >25th to 50th Percentile |
| 239.438 -- 725.226 | 2,102 | 24.61 | 846,102 | 11.33 | >50th to 75th Percentile |
| 725.634 -- 1851.908 | 1,293 | 15.14 | 1,524,304 | 20.41 | >75th to 90th Percentile |
| 1854.762 -- 18266.96 | 850 | 9.95 | 4,585,199 | 61.40 | >90th to 100th Percentile |

FWRWT48 -**Replicated/Jackknife quarterly weight 48**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.416 | 909 | 10.64 | 136,335 | 1.83 | Minimum to 10th Percentile |
| 24.609 -- 66.408 | 1,247 | 14.60 | 51,008 | 0.68 | >10th to 25th Percentile |
| 66.589 -- 233.905 | 2,123 | 24.86 | 314,441 | 4.21 | >25th to 50th Percentile |
| 234.642 -- 717.459 | 2,182 | 25.55 | 892,266 | 11.95 | >50th to 75th Percentile |
| 721.471 -- 1866.041 | 1,226 | 14.35 | 1,470,442 | 19.69 | >75th to 90th Percentile |
| 1868.234 -- 18390.14 | 854 | 10.00 | 4,602,891 | 61.64 | >90th to 100th Percentile |

FWRWT49 -**Replicated/Jackknife quarterly weight 49**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.046 | 905 | 10.60 | 129,014 | 1.73 | Minimum to 10th Percentile |
| 24.350 -- 65.291 | 1,258 | 14.73 | 51,432 | 0.69 | >10th to 25th Percentile |
| 65.996 -- 234.767 | 2,119 | 24.81 | 314,902 | 4.22 | >25th to 50th Percentile |
| 235.864 -- 722.028 | 2,169 | 25.40 | 883,962 | 11.84 | >50th to 75th Percentile |
| 723.461 -- 1845.780 | 1,237 | 14.48 | 1,477,127 | 19.78 | >75th to 90th Percentile |
| 1861.043 -- 18225.70 | 853 | 9.99 | 4,610,946 | 61.75 | >90th to 100th Percentile |

FWRWT50 -**Replicated/Jackknife quarterly weight 50**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.439 | 924 | 10.82 | 91,367 | 1.22 | Minimum to 10th Percentile |
| 24.572 -- 67.383 | 1,218 | 14.26 | 50,435 | 0.68 | >10th to 25th Percentile |
| 67.768 -- 234.281 | 2,129 | 24.93 | 316,065 | 4.23 | >25th to 50th Percentile |
| 235.241 -- 719.355 | 2,114 | 24.75 | 845,371 | 11.32 | >50th to 75th Percentile |
| 719.553 -- 1843.489 | 1,304 | 15.27 | 1,535,127 | 20.56 | >75th to 90th Percentile |
| 1858.557 -- 18013.03 | 852 | 9.98 | 4,629,017 | 61.99 | >90th to 100th Percentile |

FWRWT51 -**Replicated/Jackknife quarterly weight 51**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.114 | 875 | 10.24 | 110,160 | 1.48 | Minimum to 10th Percentile |
| 24.579 -- 65.354 | 1,227 | 14.37 | 48,435 | 0.65 | >10th to 25th Percentile |
| 65.543 -- 248.141 | 2,190 | 25.64 | 323,343 | 4.33 | >25th to 50th Percentile |
| 248.560 -- 712.920 | 2,066 | 24.19 | 819,478 | 10.97 | >50th to 75th Percentile |
| 714.917 -- 1838.371 | 1,330 | 15.57 | 1,551,585 | 20.78 | >75th to 90th Percentile |
| 1842.278 -- 18223.91 | 853 | 9.99 | 4,614,381 | 61.79 | >90th to 100th Percentile |

FWRWT52 -**Replicated/Jackknife quarterly weight 52**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.170 | 902 | 10.56 | 113,623 | 1.52 | Minimum to 10th Percentile |
| 24.699 -- 65.116 | 1,224 | 14.33 | 49,479 | 0.66 | >10th to 25th Percentile |
| 65.568 -- 237.900 | 2,176 | 25.48 | 323,258 | 4.33 | >25th to 50th Percentile |
| 238.734 -- 715.316 | 2,126 | 24.89 | 869,685 | 11.65 | >50th to 75th Percentile |
| 715.742 -- 1840.679 | 1,263 | 14.79 | 1,509,976 | 20.22 | >75th to 90th Percentile |
| 1848.631 -- 18126.18 | 850 | 9.95 | 4,601,362 | 61.62 | >90th to 100th Percentile |

FWRWT53 -**Replicated/Jackknife quarterly weight 53**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.203 | 867 | 10.15 | 153,121 | 2.05 | Minimum to 10th Percentile |
| 24.631 -- 65.489 | 1,270 | 14.87 | 51,053 | 0.68 | >10th to 25th Percentile |
| 65.781 -- 238.463 | 2,159 | 25.28 | 320,579 | 4.29 | >25th to 50th Percentile |
| 238.913 -- 733.299 | 2,110 | 24.70 | 850,560 | 11.39 | >50th to 75th Percentile |
| 735.006 -- 1842.556 | 1,289 | 15.09 | 1,523,710 | 20.40 | >75th to 90th Percentile |
| 1846.163 -- 18206.33 | 846 | 9.91 | 4,568,359 | 61.18 | >90th to 100th Percentile |

FWRWT54 -**Replicated/Jackknife quarterly weight 54**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.135 | 901 | 10.55 | 121,303 | 1.62 | Minimum to 10th Percentile |
| 24.298 -- 66.087 | 1,231 | 14.41 | 49,674 | 0.67 | >10th to 25th Percentile |
| 66.652 -- 234.956 | 2,157 | 25.25 | 319,147 | 4.27 | >25th to 50th Percentile |
| 235.549 -- 717.964 | 2,096 | 24.54 | 839,988 | 11.25 | >50th to 75th Percentile |
| 718.537 -- 1864.189 | 1,306 | 15.29 | 1,536,027 | 20.57 | >75th to 90th Percentile |
| 1875.159 -- 18332.20 | 850 | 9.95 | 4,601,244 | 61.62 | >90th to 100th Percentile |

FWRWT55 -**Replicated/Jackknife quarterly weight 55**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.381 | 863 | 10.10 | 99,644 | 1.33 | Minimum to 10th Percentile |
| 24.700 -- 65.467 | 1,273 | 14.90 | 51,421 | 0.69 | >10th to 25th Percentile |
| 66.040 -- 238.503 | 2,163 | 25.32 | 323,761 | 4.34 | >25th to 50th Percentile |
| 239.633 -- 728.597 | 2,106 | 24.66 | 854,839 | 11.45 | >50th to 75th Percentile |
| 730.846 -- 1883.930 | 1,285 | 15.05 | 1,523,327 | 20.40 | >75th to 90th Percentile |
| 1887.925 -- 18173.96 | 851 | 9.96 | 4,614,391 | 61.79 | >90th to 100th Percentile |

FWRWT56 -**Replicated/Jackknife quarterly weight 56**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.168 | 901 | 10.55 | 141,082 | 1.89 | Minimum to 10th Percentile |
| 24.567 -- 65.450 | 1,243 | 14.55 | 50,730 | 0.68 | >10th to 25th Percentile |
| 65.629 -- 236.981 | 2,147 | 25.14 | 319,408 | 4.28 | >25th to 50th Percentile |
| 238.365 -- 721.435 | 2,156 | 25.24 | 883,019 | 11.83 | >50th to 75th Percentile |
| 722.792 -- 1831.557 | 1,240 | 14.52 | 1,482,423 | 19.85 | >75th to 90th Percentile |
| 1832.881 -- 18379.86 | 854 | 10.00 | 4,590,721 | 61.48 | >90th to 100th Percentile |

FWRWT57 -**Replicated/Jackknife quarterly weight 57**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.495 | 905 | 10.60 | 146,852 | 1.97 | Minimum to 10th Percentile |
| 24.662 -- 66.254 | 1,228 | 14.38 | 49,630 | 0.66 | >10th to 25th Percentile |
| 66.596 -- 237.468 | 2,172 | 25.43 | 322,825 | 4.32 | >25th to 50th Percentile |
| 238.392 -- 723.420 | 2,118 | 24.80 | 860,797 | 11.53 | >50th to 75th Percentile |
| 723.889 -- 1906.837 | 1,265 | 14.81 | 1,500,204 | 20.09 | >75th to 90th Percentile |
| 1911.812 -- 18425.95 | 853 | 9.99 | 4,587,076 | 61.43 | >90th to 100th Percentile |

FWRWT58 -**Replicated/Jackknife quarterly weight 58**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.148 | 892 | 10.44 | 120,416 | 1.61 | Minimum to 10th Percentile |
| 24.602 -- 65.230 | 1,237 | 14.48 | 50,046 | 0.67 | >10th to 25th Percentile |
| 65.667 -- 243.475 | 2,143 | 25.09 | 317,313 | 4.25 | >25th to 50th Percentile |
| 244.193 -- 715.316 | 2,154 | 25.22 | 874,009 | 11.70 | >50th to 75th Percentile |
| 715.734 -- 1838.230 | 1,265 | 14.81 | 1,507,423 | 20.19 | >75th to 90th Percentile |
| 1850.544 -- 18219.48 | 850 | 9.95 | 4,598,176 | 61.58 | >90th to 100th Percentile |

FWRWT59 -**Replicated/Jackknife quarterly weight 59**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.528 | 920 | 10.77 | 132,922 | 1.78 | Minimum to 10th Percentile |
| 24.587 -- 65.348 | 1,221 | 14.30 | 49,379 | 0.66 | >10th to 25th Percentile |
| 65.555 -- 238.228 | 2,179 | 25.51 | 324,051 | 4.34 | >25th to 50th Percentile |
| 238.829 -- 724.378 | 2,068 | 24.21 | 833,203 | 11.16 | >50th to 75th Percentile |
| 724.918 -- 1828.303 | 1,301 | 15.23 | 1,530,245 | 20.49 | >75th to 90th Percentile |
| 1844.820 -- 18164.11 | 852 | 9.98 | 4,597,583 | 61.57 | >90th to 100th Percentile |

FWRWT60 -**Replicated/Jackknife quarterly weight 60**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 0.000 -- 24.311 | 899 | 10.53 | 137,988 | 1.85 | Minimum to 10th Percentile |
| 24.653 -- 64.440 | 1,225 | 14.34 | 49,292 | 0.66 | >10th to 25th Percentile |
| 64.756 -- 236.627 | 2,175 | 25.47 | 322,506 | 4.32 | >25th to 50th Percentile |
| 237.260 -- 717.455 | 2,108 | 24.68 | 851,790 | 11.41 | >50th to 75th Percentile |
| 717.589 -- 1857.487 | 1,280 | 14.99 | 1,513,927 | 20.27 | >75th to 90th Percentile |
| 1862.104 -- 18463.54 | 854 | 10.00 | 4,591,879 | 61.49 | >90th to 100th Percentile |

FWRWT -**Final quarterly weight**

| Value | Unweighted Count | Unweighted Percent | Weighted Count | Weighted Percent | Formatted Value |
|----------------------|------------------|--------------------|----------------|------------------|----------------------------|
| 13.341 -- 26.935 | 916 | 10.72 | 17,707 | 0.24 | Minimum to 10th Percentile |
| 27.133 -- 70.460 | 1,295 | 15.16 | 59,722 | 0.80 | >10th to 25th Percentile |
| 70.574 -- 241.674 | 2,090 | 24.47 | 332,089 | 4.45 | >25th to 50th Percentile |
| 242.086 -- 720.926 | 2,074 | 24.28 | 851,204 | 11.40 | >50th to 75th Percentile |
| 721.654 -- 1843.993 | 1,318 | 15.43 | 1,570,172 | 21.03 | >75th to 90th Percentile |
| 1859.963 -- 14666.68 | 848 | 9.93 | 4,636,488 | 62.09 | >90th to 100th Percentile |

REFERENCES

- Brick, J.M. and G. Kalton. "Handling Missing Data in Survey Research." *Statistical Methods in Medical Research* 1996; 5: 215-238.
- Brick, J.M., P. Broene, P. James, and J. Severynse. *A User's Guide to WesVarPC*. Version 2.0. Rockville, MD: Westat, Inc., 1996.
- Mathematica Policy Research, Inc. "Health Care Survey of DoD Beneficiaries: 2020 Adult Sampling Report." Report submitted to the TRICARE Management Activity. Washington, DC: 2020.
- Research Triangle Institute (2001). SUDAAN Release 8.0 Research Triangle Park, NC: Research Triangle Institute.
- SAS Institute Inc. (1999), SAS/STAT User's Guide, Version 8, Cary, NC: SAS Institute Inc.
- SAS Institute Inc. (2004), SAS/STAT User's Guide, Version 9, Cary, NC: SAS Institute Inc.
- U.S. Department of Health and Human Services. CAHPS® Survey and Reporting Kit. Rockville, MD 2002.
- Wolter, Kirk M. Introduction of Variance Estimation. New York: Springer-Verlag. 1985.
- Woodruff, R.S. "A Simple Method for Approximating the Variance of a Complicated Estimate." Journal of the American Statistical Association, 1971.

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

APPENDIX A

ANNOTATED QUESTIONNAIRE – QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.



**A world-wide survey of beneficiaries
eligible for health care coverage through
the military health system**

December 2019

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

Military Health Care Survey:
Adult Questionnaire
December 2019

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.

SURVEY INSTRUCTIONS

Thank you for taking the time to participate in this online survey.

Please note, if the survey is idle for more than 5 minutes, you will be logged out automatically to protect your privacy. If that happens, simply wait 15 minutes and log back in. Please keep your password because you may need it later.

During the survey, please do not use your browser's FORWARD and BACK buttons. Instead, please always use the buttons below to move backward and forward through the survey.

To begin, just click on the "Next" button below. This will take you right into the survey.

SURVEY STARTS HERE

As an eligible TRICARE beneficiary, please complete this survey even if you did not receive your health care from a military facility.

Please recognize that some specific questions about TRICARE benefits may not apply to you, depending on your entitlement and particular TRICARE program.

This survey is about the health care of the person whose name appears on the cover letter. The questionnaire should be completed by that person. If you are not the addressee, please give this survey to that person.

Question 1: Are you the person whose name appears on the cover letter?

Variable name: H20001

Editing notes: None

| Response | Directions | Value | Percent |
|-----------------|---|--------------|----------------|
| Yes | Go to Question 2 | 1 | 99.8% |
| No | Please give this questionnaire to the person addressed on the cover letter. | 2 | 0.2% |

Question 2: By which of the following health plans are you currently covered?**MARK ALL THAT APPLY****Variable names:** H20002A, H20002C, H20002F-H20002V**Editing notes:** None**Military Health Plans**

| Response | Variable Name | Percent Marked |
|--|----------------------|-----------------------|
| TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas) | H20002A | 45.5% |
| TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS)) | H20002C | 12.4% |
| TRICARE Plus | H20002N | 0.7% |
| TRICARE for Life | H20002O | 32.1% |
| TRICARE Supplemental Insurance | H20002P | 0.5% |
| TRICARE Reserve Select | H20002Q | 4.1% |
| TRICARE Retired Reserve | H20002S | 1.9% |
| TRICARE Young Adult Prime | H20002T | 0.2% |
| TRICARE Young Adult Select | H20002V | 0.2% |
| Uniformed Services Family Health Plan (USFHP) | H20002K | 1.5% |
| Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program) | H20002U | 0.0% |

Other Health Plans

| Response | Variable Name | Percent Marked |
|--|----------------------|-----------------------|
| Medicare | H20002F | 31.4% |
| Federal Employees Health Benefit Program (FEHBP) | H20002G | 2.2% |
| Medicaid or other state health insurance | H20002H | 0.9% |
| A civilian HMO (such as Kaiser) | H20002I | 0.7% |
| Other civilian health insurance (such as Blue Cross) | H20002J | 5.7% |
| The Veterans Administration (VA) | H20002M | 9.4% |
| Government health insurance from a country other than the U.S. | H20002R | 0.2% |
| Not sure | H20002L | 5.1% |

Question 3: Which health plan did you use for all or most of your healthcare in the last 12 months?**MARK ONLY ONE ANSWER****Variable name:** H20003**Editing notes:** See Note 1

| Response | Directions | Value | Percent |
|--|-------------------|--------------|----------------|
| TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas) | | 1 | 40.3% |
| TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS)) | | 3 | 9.2% |
| TRICARE Plus | | 11 | 0.5% |
| TRICARE Supplemental Insurance | | 19 | 0.0% |
| TRICARE Reserve Select | | 12 | 3.6% |
| TRICARE Retired Reserve | | 14 | 1.1% |
| TRICARE Young Adult Prime | | 15 | 0.1% |
| TRICARE Young Adult Select | | 17 | 0.1% |
| Uniformed Services Family Health Plan (USFHP) | | 9 | 1.1% |
| Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program) | | 16 | 0.0% |
| Medicare | | 4 | 28.6% |
| Federal Employees Health Benefit Program (FEHBP) | | 5 | 0.8% |
| Medicaid or other state health insurance | | 6 | 0.4% |
| A civilian HMO (such as Kaiser) | | 7 | 1.0% |
| Other civilian health insurance (such as Blue Cross) | | 8 | 4.2% |
| The Veterans Administration (VA) | | 10 | 5.1% |
| Government health insurance from a country other than the U.S. | | 13 | 0.2% |
| Not sure | Go to Question 5 | -5 | 3.7% |
| 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:** H20004**Editing notes:** See Note 1

| Response | Value | Percent |
|--|--------------|----------------|
| Less than 6 months | 1 | 1.3% |
| At least 6 months but less than 12 months | 2 | 3.8% |
| At least 12 months but less than 24 months | 3 | 7.6% |
| At least 2 years but less than 5 years | 4 | 17.8% |
| At least 5 years but less than 10 years | 5 | 23.3% |
| 10 or more years | 6 | 46.2% |

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: H20005

Editing notes: None

| Response | Value | Percent |
|---|-------|---------|
| A military facility – This includes: Military clinic Military hospital PRIMUS clinic NAVCARE clinic | 1 | 33.4% |
| A civilian facility – This includes: Doctor's office Clinic Hospital Civilian TRICARE contractor | 2 | 57.0% |
| Uniformed Services Family Health Plan facility (USFHP) | 3 | 0.6% |
| Veterans Affairs (VA) clinic or hospital | 4 | 5.6% |
| I went to none of the listed types of facilities in the last 12 months | 5 | 3.5% |

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: H20006

Editing notes: See Note 2

| Response | Directions | Value | Percent |
|----------|------------------|-------|---------|
| Yes | | 1 | 45.1% |
| No | Go to Question 9 | 2 | 54.9% |

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: H20007

Editing notes: See Note 2

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 2.8% |
| Sometimes | 2 | 11.7% |
| Usually | 3 | 20.0% |
| Always | 4 | 65.5% |
| 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: H20008

Editing notes: See Note 2

| Response | Value | Percent |
|---|-------|---------|
| Same day | 1 | 59.7% |
| 1 day | 2 | 13.3% |
| 2 days | 3 | 8.2% |
| 3 days | 4 | 2.9% |
| 4-7 days | 5 | 8.6% |
| 8-14 days | 6 | 3.4% |
| 15 days or longer | 7 | 3.9% |
| 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: H20009

Editing notes: See Note 3

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 87.2% |
| No | Go to Question 12 | 2 | 12.8% |

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: H20010

Editing notes: See Note 3

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 3.4% |
| Sometimes | 2 | 18.6% |
| Usually | 3 | 28.1% |
| Always | 4 | 49.8% |
| 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: H20011

Editing notes: See Note 3

| Response | Value | Percent |
|---|-------|---------|
| Same day | 1 | 7.6% |
| 1 day | 2 | 7.6% |
| 2-3 days | 3 | 21.5% |
| 4-7 days | 4 | 21.6% |
| 8-14 days | 5 | 18.7% |
| 15-30 days | 6 | 14.7% |
| 31 days or longer | 7 | 8.4% |
| I had no appointments in the last 12 months | -6 | |

Question 12: In the last 12 months, how many times did you go to an emergency room to get care for yourself?

Variable name: H20012

Editing notes: None

| Response | Value | Percent |
|------------|-------|---------|
| None | 1 | 70.7% |
| 1 | 2 | 19.7% |
| 2 | 3 | 5.9% |
| 3 | 4 | 2.4% |
| 4 | 5 | 0.9% |
| 5 to 9 | 6 | 0.3% |
| 10 or more | 7 | 0.2% |

Question 13: 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: H20013

Editing notes: See Note 4

| Response | Directions | Value | Percent |
|------------|-------------------|-------|---------|
| None | Go to Question 18 | 1 | 10.6% |
| 1 | | 2 | 9.1% |
| 2 | | 3 | 17.0% |
| 3 | | 4 | 16.8% |
| 4 | | 5 | 14.6% |
| 5 to 9 | | 6 | 21.8% |
| 10 or more | | 7 | 10.2% |

Question 14: In the last 12 months, how often did you and a doctor or other health provider talk about specific things you could do to prevent illness?

Variable name: H20014

Editing notes: See Note 4

| Response | Value | Percent |
|-----------|-------|---------|
| Never | 1 | 12.7% |
| Sometimes | 2 | 26.2% |
| Usually | 3 | 29.9% |
| Always | 4 | 31.1% |

Question 15: Choices for your treatment or health care can include choices about medicine, surgery, or other treatment. In the last 12 months, did a doctor or other health provider tell you there was more than one choice for your treatment or health care?

Variable name: H20015

Editing notes: See Notes 4 and 5

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 59.7% |
| No | Go to Question 18 | 2 | 40.3% |

Question 16: In the last 12 months, did a doctor or other health provider talk with you about the pros and cons of each choice for your treatment or health care?

Variable name: H20016

Editing notes: See Notes 4 and 5

| Response | Value | Percent |
|----------------|-------|---------|
| Definitely yes | 1 | 68.8% |
| Somewhat yes | 2 | 27.0% |
| Somewhat no | 3 | 3.3% |
| Definitely no | 4 | 0.8% |

Question 17: In the last 12 months, when there was more than one choice for your treatment or health care, did a doctor or other health provider ask which choice you thought was best for you?

Variable name: H20017

Editing notes: See Notes 4 and 5

| Response | Value | Percent |
|----------------|-------|---------|
| Definitely yes | 1 | 64.2% |
| Somewhat yes | 2 | 28.1% |
| Somewhat no | 3 | 4.8% |
| Definitely no | 4 | 2.9% |

Question 18: 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: H20018

Editing notes: None

| Response | Value | Percent |
|---------------------------------------|--------------|----------------|
| 0 – Worst health care possible | 0 | 0.6% |
| 1 | 1 | 0.6% |
| 2 | 2 | 0.9% |
| 3 | 3 | 1.8% |
| 4 | 4 | 2.3% |
| 5 | 5 | 5.5% |
| 6 | 6 | 5.0% |
| 7 | 7 | 11.7% |
| 8 | 8 | 19.5% |
| 9 | 9 | 20.4% |
| 10 – Best health care possible | 10 | 31.6% |
| I had no visits in the last 12 months | -6 | |

Question 19: In the last 12 months, how often was it easy to get the care, tests, or treatment you needed?

Variable name: H20033

Editing notes: None

| Response | Value | Percent |
|-----------------|--------------|----------------|
| Never | 1 | 4.0% |
| Sometimes | 2 | 14.8% |
| Usually | 3 | 34.3% |
| Always | 4 | 46.9% |

YOUR PERSONAL DOCTOR

Question 20: 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: H20019

Editing notes: See Note 6

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 79.1% |
| No | Go to Question 30 | 2 | 20.9% |

Question 21: In the last 12 months, how many times did you visit your personal doctor to get care for yourself?

Variable name: H20020

Editing notes: See Notes 6 and 7

| Response | Directions | Value | Percent |
|------------|-------------------|-------|---------|
| None | Go to Question 28 | 0 | 6.8% |
| 1 | | 1 | 19.5% |
| 2 | | 2 | 26.2% |
| 3 | | 3 | 19.2% |
| 4 | | 4 | 13.4% |
| 5 to 9 | | 5 | 12.6% |
| 10 or more | | 6 | 2.2% |

Question 22: In the last 12 months, how often did your personal doctor listen carefully to you?

Variable name: H20021

Editing notes: See Notes 6 and 7

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Never | 1 | 0.9% |
| Sometimes | 2 | 6.6% |
| Usually | 3 | 15.6% |
| Always | 4 | 76.9% |
| I had no visits in the last 12 months | -6 | |

Question 23: In the last 12 months, how often did your personal doctor explain things in a way that was easy to understand?

Variable name: H20022

Editing notes: See Notes 6 and 7

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Never | 1 | 0.6% |
| Sometimes | 2 | 4.7% |
| Usually | 3 | 17.1% |
| Always | 4 | 77.6% |
| I had no visits in the last 12 months | -6 | |

Question 24: In the last 12 months, how often did your personal doctor show respect for what you had to say?

Variable name: H20023

Editing notes: See Notes 6 and 7

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Never | 1 | 0.8% |
| Sometimes | 2 | 4.1% |
| Usually | 3 | 12.7% |
| Always | 4 | 82.4% |
| I had no visits in the last 12 months | -6 | |

Question 25: In the last 12 months, how often did your personal doctor spend enough time with you?

Variable name: H20024

Editing notes: See Notes 6 and 7

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Never | 1 | 1.6% |
| Sometimes | 2 | 6.4% |
| Usually | 3 | 20.5% |
| Always | 4 | 71.4% |
| I had no visits in the last 12 months | -6 | |

Question 26: In the last 12 months, did you get care from a doctor or other health provider besides your personal doctor?

Variable name: H20025

Editing notes: See Notes 6, 7, and 8

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 82.5% |
| No | Go to Question 28 | 2 | 17.5% |

Question 27: 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: H20026

Editing notes: See Notes 6, 7, and 8

| Response | Value | Percent |
|-----------|-------|---------|
| Never | 1 | 7.1% |
| Sometimes | 2 | 14.6% |
| Usually | 3 | 28.9% |
| Always | 4 | 49.5% |

Question 28: 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: H20027

Editing notes: See Note 6

| Response | Value | Percent |
|------------------------------------|-------|---------|
| 0 – Worst personal doctor possible | 0 | 0.5% |
| 1 | 1 | 0.4% |
| 2 | 2 | 0.7% |
| 3 | 3 | 1.3% |
| 4 | 4 | 1.3% |
| 5 | 5 | 3.9% |
| 6 | 6 | 3.9% |
| 7 | 7 | 5.7% |
| 8 | 8 | 13.3% |
| 9 | 9 | 25.1% |
| 10 – Best personal doctor possible | 10 | 43.9% |
| I don't have a personal doctor | -6 | |

Question 29: Did you have the same personal doctor before you joined this health plan?

Variable name: S20009

Editing notes: See Notes 6 and 8_01

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | Go to Question 31 | 1 | 29.4% |
| No | | 2 | 70.6% |

Question 30: 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: S20010

Editing notes: See Note 8_01

| Response | Value | Percent |
|-----------------|-------|---------|
| A big problem | 1 | 12.7% |
| A small problem | 2 | 23.2% |
| Not a problem | 3 | 64.1% |

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 31: 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: H20028

Editing notes: See Note 9

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 66.9% |
| No | Go to Question 35 | 2 | 33.1% |

Question 32: In the last 12 months, how often did you get an appointment to see a specialist as soon as you needed?

Variable name: H20029

Editing notes: See Note 9

| Response | Value | Percent |
|--|-------|---------|
| Never | 1 | 6.9% |
| Sometimes | 2 | 15.1% |
| Usually | 3 | 27.3% |
| Always | 4 | 50.7% |
| I didn't need a specialist in the last 12 months | -6 | |

Question 33: How many specialists have you seen in the last 12 months?

Variable name: H20030

Editing notes: See Notes 9 and 10

| Response | Directions | Value | Percent |
|-----------------------|-------------------|-------|---------|
| None | Go to Question 35 | 0 | 4.1% |
| 1 specialist | | 1 | 35.0% |
| 2 | | 2 | 29.2% |
| 3 | | 3 | 17.7% |
| 4 | | 4 | 7.6% |
| 5 or more specialists | | 5 | 6.5% |

Question 34: 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: H20031

Editing notes: See Notes 9 and 10

| Response | Value | Percent |
|---|-------|---------|
| 0 – Worst specialist possible | 0 | 0.9% |
| 1 | 1 | 0.4% |
| 2 | 2 | 0.5% |
| 3 | 3 | 1.1% |
| 4 | 4 | 1.5% |
| 5 | 5 | 2.9% |
| 6 | 6 | 2.8% |
| 7 | 7 | 7.2% |
| 8 | 8 | 16.3% |
| 9 | 9 | 24.7% |
| 10 – Best specialist possible | 10 | 41.6% |
| I didn't see a specialist in the last 12 months | -6 | |

Question 35: Would you say that in general your mental or emotional health is excellent, very good, good, fair, or poor?

Variable name: S20B01

Editing notes: None

| Response | Value | Percent |
|-----------|-------|---------|
| Excellent | 1 | 38.5% |
| Very good | 2 | 29.5% |
| Good | 3 | 19.7% |
| Fair | 4 | 9.4% |
| Poor | 5 | 3.0% |

Question 36: In the last 12 months, did you need any treatment or counseling for a personal or family problem?

Variable name: S20B02

Editing notes: See Note 10_B1

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 14.7% |
| No | Go to Question 48 | 2 | 85.3% |

Question 37: 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: S20B03

Editing notes: See Note 10_B1

| Response | Value | Percent |
|-----------------|--------------|----------------|
| A big problem | 1 | 19.7% |
| A small problem | 2 | 19.8% |
| Not a problem | 3 | 60.5% |

Question 38: 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: S20B04

Editing notes: See Note 10_B1

| Response | Value | Percent |
|--|--------------|----------------|
| 0 – Worst treatment or counseling possible | 0 | 5.5% |
| 1 | 1 | 2.0% |
| 2 | 2 | 2.0% |
| 3 | 3 | 1.3% |
| 4 | 4 | 4.3% |
| 5 | 5 | 9.7% |
| 6 | 6 | 5.2% |
| 7 | 7 | 11.9% |
| 8 | 8 | 18.7% |
| 9 | 9 | 14.3% |
| 10 – Best treatment or counseling possible | 10 | 25.1% |
| 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 39: 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: H20034

Editing notes: See Note 12

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 33.7% |
| No | Go to Question 41 | 2 | 66.3% |

Question 40: 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: H20035

Editing notes: See Note 12

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 5.1% |
| Sometimes | 2 | 29.6% |
| Usually | 3 | 44.0% |
| Always | 4 | 21.2% |
| I didn't look for information from my health plan in the last 12 months | -6 | |

Question 41: 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: H20036

Editing notes: See Note 13

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 16.8% |
| No | Go to Question 43 | 2 | 83.2% |

Question 42: 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: H20037

Editing notes: See Note 13

| Response | Value | Percent |
|--|-------|---------|
| Never | 1 | 16.5% |
| Sometimes | 2 | 27.1% |
| Usually | 3 | 32.5% |
| Always | 4 | 23.9% |
| I didn't need a health care service or equipment from my health plan in the last 12 months | -6 | |

Question 43: 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: H20038

Editing notes: See Note 14

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 20.3% |
| No | Go to Question 45 | 2 | 79.7% |

Question 44: 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: H20039

Editing notes: See Note 14

| Response | Value | Percent |
|--|-------|---------|
| Never | 1 | 12.5% |
| Sometimes | 2 | 20.1% |
| Usually | 3 | 24.9% |
| Always | 4 | 42.5% |
| I didn't need prescription medications from my health plan in the last 12 months | -6 | |

Question 45: In the last 12 months, did you try to get information or help from your health plan's customer service?

Variable name: H20040

Editing notes: See Note 15

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 25.4% |
| No | Go to Question 48 | 2 | 74.6% |

Question 46: In the last 12 months, how often did your health plan's customer service give you the information or help you needed?

Variable name: H20041

Editing notes: See Note 15

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 7.3% |
| Sometimes | 2 | 22.2% |
| Usually | 3 | 31.4% |
| Always | 4 | 39.1% |
| I didn't call my health plan's customer service in the last 12 months | -6 | |

Question 47: In the last 12 months, how often did your health plan's customer service staff treat you with courtesy and respect?

Variable name: H20042

Editing notes: See Note 15

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 1.3% |
| Sometimes | 2 | 7.5% |
| Usually | 3 | 22.2% |
| Always | 4 | 69.0% |
| I didn't call my health plan's customer service in the last 12 months | -6 | |

Question 48: In the last 12 months, did your health plan give you any forms to fill out?

Variable name: H20043

Editing notes: See Note 16

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 20.5% |
| No | Go to Question 50 | 2 | 79.5% |

Question 49: In the last 12 months, how often were the forms from your health plan easy to fill out?

Variable name: H20044

Editing notes: See Note 16

| Response | Value | Percent |
|---|-------|---------|
| Never | 1 | 2.2% |
| Sometimes | 2 | 10.3% |
| Usually | 3 | 49.1% |
| Always | 4 | 38.4% |
| I didn't have any experiences with paperwork for my health plan in the last 12 months | -6 | |

Question 50: 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: H20045

Editing notes: See Note 17

| Response | Directions | Value | Percent |
|------------|-------------------|-------|---------|
| Yes | | 1 | 46.2% |
| No | Go to Question 53 | 2 | 32.9% |
| Don't know | Go to Question 53 | -5 | 20.9% |

Question 51: In the last 12 months, how often did your health plan handle your claims quickly?

Variable name: H20046

Editing notes: See Note 17

| Response | Value | Percent |
|--|--------------|----------------|
| Never | 1 | 3.3% |
| Sometimes | 2 | 6.2% |
| Usually | 3 | 27.4% |
| Always | 4 | 46.4% |
| Don't know | -5 | 16.7% |
| No claims were sent for me in the last 12 months | -6 | |

Question 52: In the last 12 months, how often did your health plan handle your claims correctly?

Variable name: H20047

Editing notes: See Note 17

| Response | Value | Percent |
|--|--------------|----------------|
| Never | 1 | 1.7% |
| Sometimes | 2 | 6.7% |
| Usually | 3 | 25.1% |
| Always | 4 | 53.7% |
| Don't know | -5 | 12.7% |
| No claims were sent for me in the last 12 months | -6 | |

Question 53: 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: H20048

Editing notes: None

| Response | Value | Percent |
|--------------------------------|--------------|----------------|
| 0 – Worst health plan possible | 0 | 0.6% |
| 1 | 1 | 0.4% |
| 2 | 2 | 0.7% |
| 3 | 3 | 1.2% |
| 4 | 4 | 2.1% |
| 5 | 5 | 5.7% |
| 6 | 6 | 6.2% |
| 7 | 7 | 12.9% |
| 8 | 8 | 19.7% |
| 9 | 9 | 22.6% |
| 10 – Best health plan possible | 10 | 28.0% |

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 54: When did you last have a blood pressure reading?

Variable name: H20049

Editing notes: None

| Response | Value | Percent |
|-------------------------|-------|---------|
| Less than 12 months ago | 3 | 94.2% |
| 1 to 2 years ago | 2 | 3.8% |
| More than 2 years ago | 1 | 2.0% |

Question 55: Do you know if your blood pressure is too high?

Variable name: H20050

Editing notes: None

| Response | Value | Percent |
|------------------------|-------|---------|
| Yes, it is too high | 1 | 16.4% |
| No, it is not too high | 2 | 78.4% |
| Don't know | 3 | 5.2% |

Question 56: When did you last have a flu shot?

Variable name: H20051

Editing notes: None

| Response | Value | Percent |
|-------------------------|-------|---------|
| Less than 12 months ago | 4 | 77.8% |
| 1 to 2 years ago | 3 | 7.7% |
| More than 2 years ago | 2 | 7.6% |
| Never had a flu shot | 1 | 7.0% |

Question 57: Have you ever smoked at least 100 cigarettes in your entire life?

Variable name: H20052

Editing notes: None

| Response | Value | Percent |
|------------|-------|---------|
| Yes | 1 | 33.2% |
| No | 2 | 65.1% |
| Don't know | -5 | 1.6% |

Question 58: Do you now smoke cigarettes or use tobacco every day, some days or not at all?

Variable name: H20053

Editing notes: See Note 18

| Response | Directions | Value | Percent |
|------------|-------------------|-------|---------|
| Every day | | 4 | 5.1% |
| Some days | | 3 | 4.7% |
| Not at all | Go to Question 63 | 2 | 89.7% |
| Don't know | Go to Question 63 | -5 | 0.5% |

Question 59: 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: H20054

Editing notes: See Note 18

| Response | Value | Percent |
|-----------------|--------------|----------------|
| Never | 1 | 26.5% |
| Sometimes | 2 | 25.6% |
| Usually | 3 | 22.2% |
| Always | 4 | 25.6% |

Question 60: 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: H20055

Editing notes: See Note 18

| Response | Value | Percent |
|-----------------|--------------|----------------|
| Never | 1 | 59.1% |
| Sometimes | 2 | 19.6% |
| Usually | 3 | 11.5% |
| Always | 4 | 9.8% |

Question 61: 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: H20056

Editing notes: See Note 18

| Response | Value | Percent |
|-----------------|--------------|----------------|
| Never | 1 | 57.2% |
| Sometimes | 2 | 18.1% |
| Usually | 3 | 13.7% |
| Always | 4 | 11.0% |

Question 62: On the days you smoke or use tobacco products, what type of product do you smoke or use?

MARK ALL THAT APPLY

Variable names: H20057A-H20057D

Editing notes: See Note 18

| Response | Variable Name | Percent Marked |
|---|---------------|----------------|
| Cigarettes | H20057A | 56.4% |
| Dip, chewing tobacco, snuff or snus | H20057B | 24.1% |
| Cigars | H20057C | 16.6% |
| 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.) | H20057D | 5.0% |

Question 63: Do you now use electronic cigarettes every day, some days, or not at all?

Variable name: S20BF4

Editing notes: None

| Response | Value | Percent |
|------------|-------|---------|
| Every day | 1 | 1.1% |
| Some days | 2 | 2.7% |
| Not at all | 3 | 95.8% |
| Don't know | -5 | 0.4% |

Question 64: Are you male or female?

Variable name: H20058

Editing notes: See Note 19A

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Male | Go to Question 71 | 1 | 51.5% |
| Female | | 2 | 48.5% |

Question 65: When did you last have a Pap smear test?

Variable name: H20059B

Editing notes: See Notes 19A and 19B

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Within the last 12 months | 6 | 31.6% |
| 1 to 2 years ago | 5 | 23.6% |
| More than 2 but less than 3 years ago | 4 | 10.6% |
| More than 3 but less than 5 years ago | 3 | 9.7% |
| 5 or more years ago | 2 | 18.8% |
| Never had a Pap smear test | 1 | 5.8% |

Question 66: Are you under age 40?**Variable name:** H20060**Editing notes:** See Notes 19A, 19B, and 20

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | Go to Question 68 | 1 | 37.7% |
| No | | 2 | 62.3% |

Question 67: When was the last time your breasts were checked by mammography?**Variable name:** H20061**Editing notes:** See Notes 19A, 19B, and 20

| Response | Value | Percent |
|---------------------------------------|-------|---------|
| Within the last 12 months | 5 | 63.9% |
| 1 to 2 years ago | 4 | 17.4% |
| More than 2 but less than 5 years ago | 3 | 5.1% |
| 5 or more years ago | 2 | 7.3% |
| Never had a mammogram | 1 | 6.3% |

Question 68: Have you been pregnant in the last 12 months or are you pregnant now?**Variable name:** H20062**Editing notes:** See Notes 19A, 19B, and 21

| Response | Directions | Value | Percent |
|---|-------------------|-------|---------|
| Yes, I am currently pregnant | | 1 | 2.6% |
| No, I am not currently pregnant, but have been pregnant in the past 12 months | Go to Question 70 | 2 | 4.0% |
| No, I am not currently pregnant, and have not been pregnant in the past 12 months | Go to Question 71 | 3 | 93.4% |

Question 69: In what trimester is your pregnancy?**Variable name:** H20063**Editing notes:** See Notes 19A, 19B, and 21

| Response | Directions | Value | Percent |
|---|-------------------|-------|---------|
| First trimester (up to 12 weeks after 1 st day of last period) | Go to Question 71 | 1 | 21.9% |
| Second trimester (13 th through 27 th week) | | 2 | 39.8% |
| Third trimester (28 th week until delivery) | | 3 | 38.3% |

Question 70: In which trimester did you first receive prenatal care?**Variable name:** H20064**Editing notes:** See Notes 19A, 19B, and 21

| Response | Value | Percent |
|---|-------|---------|
| First trimester (up to 12 weeks after 1 st day of last period) | 4 | 94.4% |
| Second trimester (13 th through 27 th week) | 3 | 1.5% |
| Third trimester (28 th week until delivery) | 2 | 0.1% |
| Did not receive prenatal care | 1 | 4.0% |

ABOUT YOU

Question 71: Would you say that in general your health is excellent, very good, good, fair, or poor?

Variable name: H20065

Editing notes: None

| Response | Value | Percent |
|-----------|-------|---------|
| Excellent | 5 | 16.7% |
| Very good | 4 | 38.9% |
| Good | 3 | 32.6% |
| Fair | 2 | 10.0% |
| Poor | 1 | 1.7% |

Question 72: Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?

Variable name: S20BG01

Editing notes: See Notes 21_BG1 and 21_BG3

| Response | Value | Percent |
|----------------|-------|---------|
| Number of days | 1-30 | 43.5% |
| None | 0 | 56.5% |

Question 73: Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?

Variable name: S20BG02

Editing notes: See Notes 21_BG2 and 21_BG3

| Response | Value | Percent |
|----------------|-------|---------|
| Number of days | 1-30 | 32.5% |
| None | 0 | 67.5% |

Question 74: During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation?

Variable name: S20BG03

Editing notes: See Note 21_BG3

| Response | Value | Percent |
|----------------|-------|---------|
| Number of days | 1-30 | 32.2% |
| None | 0 | 67.8% |

Question 75: Do you have any children under the age of 18 living at home with you?

Variable name: S20BJ01

Editing notes: See Note 24_BJ1

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 24.1% |
| No | Go to Question 78 | 2 | 75.9% |

Question 76: Thinking about your child/children, how much of a problem, if any, is it for you to make child care arrangements?

Variable name: S20BJ02

Editing notes: See Note 24_BJ1

| Response | Value | Percent |
|-----------------|-------|---------|
| A big problem | 1 | 17.5% |
| A small problem | 2 | 24.1% |
| Not a problem | 3 | 58.4% |

Question 77: Thinking about your child/children, how concerned are you, if at all, about your child's/children's education?

Variable name: S20BJ03

Editing notes: See Note 24_BJ1

| Response | Value | Percent |
|--------------------|-------|---------|
| Very concerned | 1 | 37.3% |
| Somewhat concerned | 2 | 22.2% |
| Not concerned | 3 | 40.5% |

Question 78: Thinking about your personal life, how concerned are you about each of the following.

Variable names: S20BJ04-S20BJ09

Editing notes: None

| Response | Variable Name | Value Very concerned | Value Somewhat concerned | Value Not concerned | Percent Very concerned | Percent Somewhat concerned | Percent Not concerned |
|---|---------------|----------------------|--------------------------|---------------------|------------------------|----------------------------|-----------------------|
| Your health problems | S20BJ04 | 1 | 2 | 3 | 17.7% | 39.0% | 43.3% |
| The health problems of family member | S20BJ05 | 1 | 2 | 3 | 22.8% | 36.1% | 41.1% |
| Managing household expenses | S20BJ06 | 1 | 2 | 3 | 13.3% | 24.8% | 61.9% |
| Major financial hardship or bankruptcy in your family | S20BJ07 | 1 | 2 | 3 | 6.2% | 11.2% | 82.5% |
| The demands of your job | S20BJ08 | 1 | 2 | 3 | 8.8% | 20.0% | 71.2% |
| The demands of going to school | S20BJ09 | 1 | 2 | 3 | 5.7% | 10.1% | 84.2% |

Question 79: Are you married?**Variable name:** S20BJ10**Editing notes:** See Note 24_BJ2

| Response | Directions | Value | Percent |
|----------|-------------------|-------|---------|
| Yes | | 1 | 75.6% |
| No | Go to Question 82 | 2 | 24.4% |

Question 80: Thinking about your marriage, how concerned are you about each of the following.**Variable names:** S20BJ11-S20BJ13**Editing notes:** See Note 24_BJ2

| Response | Variable Name | Value Very concerned | Value Somewhat concerned | Value Not concerned | Percent Very concerned | Percent Somewhat concerned | Percent Not concerned |
|--|---------------|----------------------|--------------------------|---------------------|------------------------|----------------------------|-----------------------|
| Poor communication with your spouse | S20BJ11 | 1 | 2 | 3 | 7.7% | 19.3% | 73.0% |
| Arguments with your spouse | S20BJ12 | 1 | 2 | 3 | 5.0% | 14.5% | 80.4% |
| Marital problems between you and your spouse | S20BJ13 | 1 | 2 | 3 | 5.4% | 10.2% | 84.4% |

Question 81: Are you the spouse of a member of the uniformed services who was on deployment during the past 30 days?**Variable name:** S20BJ14**Editing notes:** See Note 24_BJ2

| Response | Value | Percent |
|----------|-------|---------|
| Yes | 1 | 3.2% |
| No | 2 | 96.8% |

Question 82: How tall are you without your shoes on? Please give your answer in feet and inches.**Variable name:** H20071F, H20071I**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 | 94.0% |

Question 83 : How much do you weigh without your shoes on? Please give your answer in pounds.

Variable name: H20072

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 | 93.8% |

Question 84: What is the highest grade or level of school that you have completed?

Variable name: SREDA

Editing notes: None

| Response | Value | Percent |
|--|--------------|----------------|
| 8 th grade or less | 1 | 0.5% |
| Some high school, but did not graduate | 2 | 1.4% |
| High school graduate or GED | 3 | 15.8% |
| Some college or 2-year degree | 4 | 38.2% |
| 4-year college graduate | 5 | 16.8% |
| More than 4-year college degree | 6 | 27.2% |

Question 85: Are you of Hispanic or Latino origin or descent? (Mark “NO” if not Spanish/Hispanic/Latino.)

MARK ALL THAT APPLY

Variable names: H20073A-H20073E, H20073

Editing notes: See Note 24

| Response | Variable Name | H20073 Value | Percent Marked |
|---|----------------------|---------------------|-----------------------|
| No, not Spanish, Hispanic, or Latino | H20073A | 1 | 86.7% |
| Yes, Mexican, Mexican American, Chicano | H20073B | 2 | 4.1% |
| Yes, Puerto Rican | H20073C | 3 | 2.7% |
| Yes, Cuban | H20073D | 4 | 0.5% |
| Yes, other Spanish, Hispanic, or Latino | H20073E | 5 | 3.1% |

Question 86: What is your race?

MARK ALL THAT APPLY

Variable names: SRRACEA-SRRACEE

Editing notes: None

| Response | Variable Name | Percent Marked |
|---|----------------------|-----------------------|
| White | SRRACEA | 78.4% |
| Black or African American | SRRACEB | 10.8% |
| American Indian or Alaska Native | SRRACEC | 2.1% |
| Asian (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese) | SRRACED | 7.1% |
| Native Hawaiian or other Pacific Islander (e.g., Samoan, Guamanian or Chamorro) | SRRACEE | 0.9% |

Question 87: What is your age now?

Variable name: SRAGE

Editing notes: None

| Response | Value | Percent |
|-----------------|--------------|----------------|
| 18 to 24 | 1 | 13.0% |
| 25 to 34 | 2 | 16.0% |
| 35 to 44 | 3 | 12.9% |
| 45 to 54 | 4 | 7.7% |
| 55 to 64 | 5 | 18.8% |
| 65 to 74 | 6 | 16.7% |
| 75 or older | 7 | 14.8% |

Question 88: 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: S20011

Editing notes: None

| Response | Value | Percent |
|----------------------------|--------------|----------------|
| Strongly disagree | 1 | 5.8% |
| Disagree | 2 | 5.3% |
| Neither agree nor disagree | 3 | 11.0% |
| Agree | 4 | 38.2% |
| Strongly agree | 5 | 39.8% |

Question 89: 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: S20014

Editing notes: None

| Response | Value | Percent |
|------------------------------------|--------------|----------------|
| Completely dissatisfied | 1 | 3.9% |
| Somewhat dissatisfied | 2 | 4.3% |
| Neither satisfied nor dissatisfied | 3 | 8.0% |
| Somewhat satisfied | 4 | 22.9% |
| Completely satisfied | 5 | 60.9% |

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.

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

APPENDIX B

SURVEY FIELDING LETTERS – QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.



DEFENSE
HEALTH AGENCY

SAMPLE INVITATION LETTER - Quarter II
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

#BWNYSW#
1234567890 1907413001 5101 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

The 2019 [Health Care Survey of Department of Defense Beneficiaries](#) asks about your experiences getting health care services through TRICARE. We are committed to providing you with the best quality health care and services available. This is different than other surveys you may have received.

Why is this survey important? Why should you participate?

We do not survey many people. No other data source can tell us what you experienced with TRICARE –good or bad.

We'd like to know what could be better and what is already working that we should keep going forward. Results from this survey are used in reports to Congress and by working groups within the Defense Health Agency who are committed to bring you better, faster services to improve your health.

- ➔ Yes, we need YOUR response!
- ➔ Yes, we really READ your responses!
- ➔ Yes, the information you provide really IS important and will drive change!

Help us serve you better. This brief survey should take about 15 minutes or less of your time.

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**

Thank you for your valuable time. It is greatly appreciated.

Sincerely,

Melissa Gliner, Ph. D.
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

Complete the Survey Online!

<http://www.health.mil/healthsurveys>

Survey ID: 1234567890

Password: 5654321



To verify the legitimacy of this survey, please go to <http://www.health.mil/healthsurveys>, and click on "Current Active Surveys". You can locate the survey by name or by its DoDRCS License Number - RCS# DD-HA(A) 1942.



SAMPLE REMINDER LETTER, NO QUESTIONNAIRE - Quarter II
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

#BWNYSW#
1234567890 1907413001 5101 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Complete the Survey Online!

<http://www.health.mil/healthsurveys>

Survey ID: 1234567890

Password: 5654321



Dear SSGT JANE DOE:

We really do read your survey responses and have not yet heard from you on the 2019 [Health Care Survey of Department of Defense Beneficiaries](#). This survey asks about your experiences getting health care services through TRICARE. Without your feedback, we have no way of knowing which elements of health care services we should keep the same or what should change. We report the feedback we receive to Congress and also use it to inform future changes to the TRICARE benefit. This is different from other TRICARE surveys you may have received.

REPLY TODAY!

It's easy to respond to this important 15 minute survey online:

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**

Thank you for your valuable time. It is greatly appreciated.

Sincerely,

Melissa Gliner, Ph. D.

Decision Support Division/Defense Health Agency

Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/healthsurveys>, and click on "Current Active Surveys". You can locate the survey by name or by its DoDRCS License Number - RCS# DD-HA(A)1942.



DEFENSE
HEALTH AGENCY

SAMPLE REMINDER LETTER WITH QUESTIONNAIRE - Quarter II
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

#BWNYSW#
1234567890 1907413001 5101 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

We really do read your survey responses and have not yet heard from you on the 2019 [Health Care Survey of Department of Defense Beneficiaries](http://www.health.mil/healthsurveys). This survey asks about your experiences getting health care services through TRICARE. Without your feedback, we have no way of knowing which elements of health care services we should keep the same or what should change. We report the feedback we receive to Congress and also use it to inform future changes to the TRICARE benefit. This is different from other TRICARE surveys you may have received.

REPLY TODAY!

There are two easy ways to respond to this important [15 minute survey](http://www.health.mil/healthsurveys):

1. Complete the enclosed survey and return it in the postage-paid envelope.

OR

2. Complete the survey online:

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**

Thank you for your valuable time. It is greatly appreciated.

Sincerely,

Melissa Gliner, Ph. D.
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/healthsurveys> and click on "Current Active Surveys".
You can locate the survey by name or by its DoD RCS License Number - RCS# DD-HA(A)1942.

SAMPLE INSTRUCTIONS AND FREQUENTLY ASKED QUESTIONS - Quarter II

Access the survey in 4 easy steps

1

Please **open a web browser**. Here are some common browser icons:

**MICROSOFT INTERNET
EXPLORER**



GOOGLE CHROME



APPLE SAFARI



MOZILLA FIREFOX



2

Locate the browser's address box, which is at the top of the window, and **type the web address as follows**.
<http://www.health.mil/healthsurveys>



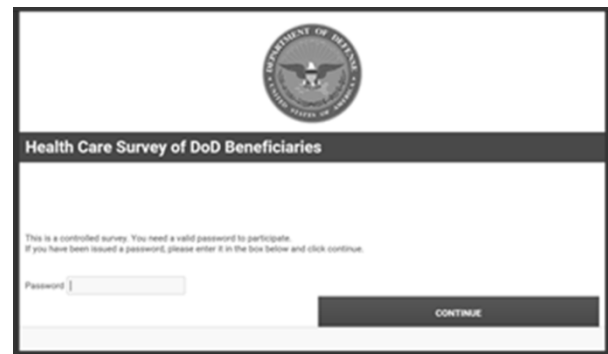
3

Press the Enter key on your keyboard and you will go to the Health Survey Portal. Click the **“Select Survey #1”** in the left box, Survey #1: Health Care Surveys of DoD Beneficiaries (HCSDb).



4

This will take you to the survey home page, which looks like the image below. Once there, **enter your password** to begin the survey.



Frequently Asked Questions

What is this survey about?

This survey is not about a particular health care visit, but about your health care experiences overall. Even if you don't use TRICARE now, either on a military installation or in a civilian provider's office, we still want to understand your health care experiences.

Why should I respond to this Survey?

We need your responses, not just responses from other people. The results are used to evaluate the services you have received in meeting your health care needs either through TRICARE or any other health insurance plan. Your feedback will benefit not only you and your family, but also other fellow military families. DoD takes this survey very seriously and your input is truly critical to our efforts.

What happens to my answers?

Your answers will be kept confidential, and the survey vendor DoD has contracted with to field this survey will not share any information that could identify you. Your participation is voluntary and will not affect your health benefits.

Who do I contact if I want more information before responding?

If you have questions about the survey or don't want to participate, please send an email to dod.health@ipsos-research.com; or please call **1-866-482-0653**; or send a fax to **1-877-648-9563**. For prompt assistance, please include your survey ID number. For questions related to TRICARE, please go to www.tricare.mil/contactus, or for the East Region call 1-800-444-5445, West Region call 1-844-866-9378.

SAMPLE EMAIL 1 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

You have been selected to participate in the December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. This is an important survey and YOUR RESPONSE TRULY COUNTS!

As a serving member of the U.S. Military, you deserve the highest quality of health care. It is my job to help make sure you get it, and we need to hear from you on how we're doing.

Even if you do not regularly use TRICARE, your response to this survey will help us identify how to serve you better.

Please complete this 15 minute survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency. If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.

Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to

<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 2 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

I sent a message to you last week inviting you to participate in the December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. We have not heard from you, and YOUR RESPONSE TRULY COUNTS!

Please complete this 15 minute survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 3 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

I know your time is valuable. I hope you will help me with an equally valuable effort to make sure YOU get great health care. The December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB, is happening now, and YOUR RESPONSE TRULY COUNTS!

Please complete this 15 minute survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

I am contacting you today on behalf of the Military Health System (MHS). We know your time is valuable and we would appreciate if you would spend a few moments of it responding to the December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB.

By hearing about your experiences with the MHS, including what's working for you and what isn't, we can learn how to improve the quality of care delivered to the beneficiaries we serve.

Please complete the survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 5 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

I know your time is valuable, and you may have several other requests to complete surveys. The question is: what do those surveys seek to accomplish?

The December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB, will guide changes to improve health care for Service Members and their families. If there's something we could do better to serve you, we need to hear it from you.

Please take 15 minutes to complete the survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.

Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to

<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 6 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

I know your time is valuable, and you may have several other requests to complete surveys. The question is: what do those surveys seek to accomplish?

The December 2019 Health Care Survey of Department of Defense Beneficiaries, or HCSDB, will guide changes to improve health care for Service Members and their families. If there's something we could do better to serve you, we need to hear it from you.

Please take 15 minutes to complete the survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 7 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoD RCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

Many of your fellow Service members have already responded to this survey, but we need more responses from Service Members like you! Don't let your own experiences with TRICARE be overshadowed by the beneficiaries who do respond.

The results of our survey inform DoD, Congress and other Government agencies - so let your voice be heard!

Please take 15 minutes to complete the survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 8 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The HCSDB survey is almost out of time. We still need to hear about your health care experiences. Will you aid our cause of evaluating the TRICARE program? The results of the survey can influence change, but ONLY if enough individuals respond. Please take just a few minutes to complete the survey by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 9 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

In less than two weeks, we will cease collecting responses to this version of the HCSDB survey. More responses are needed in order to fully understand the health care needs of American Service members and their families. Every individual who submits a survey brings a unique perspective on TRICARE, and the consolidated survey results will inform and influence the highest levels of DoD leadership regarding military healthcare. The average respondent completes the web survey in about 15 minutes. If you are able, please take a few moments and complete this important survey.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 10 - Quarter II

[DATE]

[MIQ]

The following e-mail and its contents have been approved by the Department of Defense. DoDRCS License Number - RCS# DD-HA(A) 1942. This e-mail was sent to you by an approved government contractor on behalf of the DoD.

Dear [RANKCD] [PN1STNM] [PNLSTNM]:

The end of our survey field period is almost here. This is a great opportunity for individuals like you to submit important and influential feedback on TRICARE. Don't let others speak for you – as a member of the United States military, your opinions on TRICARE should be heard.

Please take just a few minutes to complete the by visiting the link below.

Web site: <http://www.health.mil/healthsurveys>

Select survey #1

Your password: [PASSWORD]

The attached survey invitation letter contains an active link to the Health Survey Portal at Health.mil, the official website of the Military Health System and the Defense Health Agency.

If you need help accessing the survey, the second page of the letter provides straightforward instructions.

Thank you for your time!

Sincerely,

Melissa Gliner, Ph. D.
Analytics and Evaluation Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

APPENDIX C

CROSSWALK BETWEEN 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, AND 2020 QUESTIONS FOR ADULT HCSDB – QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

CROSSWALK BETWEEN 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, AND 2020 ADULT SURVEY QUESTIONS

| 2020 Variable Name | 2020 Q2 Question Number | 2020 Q1 Question Number | Identical to 2019 | Variable Name in 2019 Survey | Variable Name in 2018 Survey | Variable Name in 2017 Survey | Variable Name in 2016 Survey | Variable Name in 2015 Survey | Variable Name in 2014 Survey | Variable Name in 2013 Survey | Variable Name in 2012 Survey | Comments |
|---|-------------------------|-------------------------|-------------------|---|---|--|--|--|----------------------------------|------------------------------|----------------------------------|----------|
| H20001 | 1 | 1 | T | H19001 | H18001 ^U | H17001 ^T | H16001 ^S | H15001 ^R | H14001 ^Q | H13001 ^P | H12001 ^o | |
| H20002A, H20002C, H20002F- H20002V | 2 | 2 | T | H19002A, H19002C, H19002F- H19002V | H18002A, H18002C, H18002F- H18002V | H17002A, H17002C, H17002F- H17002V ^T | H16002A, H16002C, H16002F- H16002V ^S | H15002A, H15002C, H15002F- H15002V ^R | H14002A- H14002V ^Q | H13002A- H13002U | H12002A- H12002U ^o | |
| H20003 | 3 | 3 | T | H19003 | H18003 | H17003 ^T | H16003 ^S | H15003 ^R | H14003 ^Q | H13003 | H12003 | |
| H20004 | 4 | 4 | T | H19004 | H18004 ^U | H17004 ^T | H16004 ^S | H15004 ^R | H14004 ^Q | H13004 | H12004 | |
| H20005 | 5 | 5 | T | H19005 | H18005 ^U | H17005 ^T | H16005 ^S | H15005 ^R | H14005 ^Q | H13005 | H12005 | |
| H20006 | 6 | 6 | T | H19006 | H18006 ^U | H17006 ^T | H16006 ^S | H15006 ^R | H14006 ^Q | H13006 ^P | H12006 ^o | |
| H20007 | 7 | 7 | T | H19007 | H18007 ^U | H17007 ^T | H16007 ^S | H15007 ^R | H14007 ^Q | H13007 | H12007 ^o | |
| H20008 | 8 | 8 | T | H19008 | H18008 ^U | H17008 ^T | H16008 ^S | H15008 ^R | H14008 ^Q | H13008 ^P | H12008 ^o | |
| H20009 | 9 | 9 | T | H19009 | H18009 ^U | H17009 ^T | H16009 ^S | H15009 ^R | H14009 ^Q | H13009 ^P | H12009 ^o | |
| H20010 | 10 | 10 | T | H19010 | H18010 ^U | H17010 ^T | H16010 ^S | H15010 ^R | H14010 ^Q | H13010 | H12010 ^o | |
| H20011 | 11 | 11 | T | H19011 | H18011 ^U | H17011 ^T | H16011 ^S | H15011 ^R | H14011 ^Q | H13011 ^P | H12011 ^o | |
| H20012 | 12 | 12 | T | H19012 | H18012 ^U | H17012 ^T | H16012 ^S | H15012 ^R | H14012 ^Q | H13012 ^P | H12012 ^o | |
| H20013 | 13 | 13 | T | H19013 | H18013 | H17013 ^T | H16013 ^S | H15013 ^R | H14013 ^Q | H13013 ^P | H12013 ^o | |
| H20014 | 14 | 14 | T | H19014 | H18014 ^U | H17014 ^T | H16014 ^S | H15014 ^R | H14014 ^Q | H13014 ^P | H12014 ^o | |
| H20015 | 15 | 15 | T | H19015 | H18015 ^U | H17015 ^T | H16015 ^S | H15015 ^R | H14015 ^Q | H13015 ^P | H12015 ^o | |
| H20016 | 16 | 16 | T | H19016 | H18016 ^U | H17016 ^T | H16016 ^S | H15016 ^R | H14016 ^Q | H13016 ^P | H12016 ^o | |
| H20017 | 17 | 17 | T | H19017 | H18017 ^U | H17017 ^T | H16017 ^S | H15017 ^R | H14017 ^Q | H13017 ^P | H12017 ^o | |
| H20018 | 18 | 18 | T | H19018 | H18018 ^U | H17018 ^T | H16018 ^S | H15018 ^R | H14018 ^Q | H13018 ^P | H12018 ^o | |
| H20019 | 20 | 29 | T | H19019 | H18019 ^U | H17019 ^T | H16019 ^S | H15019 ^R | H14019 ^Q | H13019 ^P | H12019 ^o | |
| H20020 | 21 | 30 | T | H19020 | H18020 | H17020 ^T | H16020 ^S | H15020 ^R | H14020 ^Q | H13020 ^P | H12020 ^o | |
| H20021 | 22 | 31 | T | H19021 | H18021 ^U | H17021 ^T | H16021 ^S | H15021 ^R | H14021 ^Q | H13021 ^P | H12021 ^o | |
| H20022 | 23 | 32 | T | H19022 | H18022 ^U | H17022 ^T | H16022 ^S | H15022 ^R | H14022 ^Q | H13022 ^P | H12022 ^o | |

^o Identical to 2013
^s Identical to 2017

^P Identical to 2014
^T Identical to 2018

^Q Identical to 2015
^U Identical to 2019

^R Identical to 2016

| 2020 Variable Name | 2020 Q2 Question Number | 2020 Q1 Question Number | Identical to 2019 | Variable Name in 2019 Survey | Variable Name in 2018 Survey | Variable Name in 2017 Survey | Variable Name in 2016 Survey | Variable Name in 2015 Survey | Variable Name in 2014 Survey | Variable Name in 2013 Survey | Variable Name in 2012 Survey | Comments |
|--------------------|-------------------------|-------------------------|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------|
| H20023 | 24 | 33 | T | H19023 | H18023 ^U | H17023 ^T | H16023 ^S | H15023 ^R | H14023 ^Q | H13023 ^P | H12023 ^o | |
| H20024 | 25 | 34 | T | H19024 | H18024 ^U | H17024 ^T | H16024 ^S | H15024 ^R | H14024 ^Q | H13024 ^P | H12024 ^o | |
| H20025 | 26 | 35 | T | H19025 | H18025 ^U | H17025 ^T | H16025 ^S | H15025 ^R | H14025 ^Q | H13025 ^P | H12025 ^o | |
| H20026 | 27 | 36 | T | H19026 | H18026 ^U | H17026 ^T | H16026 ^S | H15026 ^R | H14026 ^Q | H13026 ^P | H12026 ^o | |
| H20027 | 28 | 37 | T | H19027 | H18027 ^U | H17027 ^T | H16027 ^S | H15027 ^R | H14027 ^Q | H13027 ^P | H12027 ^o | |
| H20028 | 31 | 40 | T | H19028 | H18028 ^U | H17028 ^T | H16028 ^S | H15028 ^R | H14028 ^Q | H13028 ^P | H12028 ^o | |
| H20029 | 32 | 41 | T | H19029 | H18029 ^U | H17029 ^T | H16029 ^S | H15029 ^R | H14029 ^Q | H13029 | H12029 ^o | |
| H20030 | 33 | 42 | T | H19030 | H18030 ^U | H17030 ^T | H16030 ^S | H15030 ^R | H14030 ^Q | H13030 ^P | H12030 ^o | |
| H20031 | 34 | 43 | T | H19031 | H18031 ^U | H17031 ^T | H16031 ^S | H15031 ^R | H14031 ^Q | H13031 ^P | H12031 ^o | |
| H20033 | 19 | 19 | T | H19033 | H18033 ^U | H17033 ^T | H16033 ^S | H15033 ^R | H14033 ^Q | H13033 ^P | H12033 ^o | |
| H20034 | 39 | 48 | T | H19034 | H18034 ^U | H17034 ^T | H16034 ^S | H15034 ^R | H14034 ^Q | H13034 ^P | H12034 ^o | |
| H20035 | 40 | 49 | T | H19035 | H18035 ^U | H17035 ^T | H16035 ^S | H15035 ^R | H14035 ^Q | H13035 ^P | H12035 ^o | |
| H20036 | 41 | 50 | T | H19036 | H18036 ^U | H17036 ^T | H16036 ^S | H15036 ^R | H14036 ^Q | H13036 ^P | H12036 ^o | |
| H20037 | 42 | 51 | T | H19037 | H18037 ^U | H17037 ^T | H16037 ^S | H15037 ^R | H14037 ^Q | H13037 ^P | H12037 ^o | |
| H20038 | 43 | 52 | T | H19038 | H18038 ^U | H17038 ^T | H16038 ^S | H15038 ^R | H14038 ^Q | H13038 | H12038 | |
| H20039 | 44 | 53 | T | H19039 | H18039 ^U | H17039 ^T | H16039 ^S | H15039 ^R | H14039 ^Q | H13039 ^P | H12039 ^o | |
| H20040 | 45 | 54 | T | H19040 | H18040 ^U | H17040 ^T | H16040 ^S | H15040 ^R | H14040 ^Q | H13040 ^P | H12040 ^o | |
| H20041 | 46 | 55 | T | H19041 | H18041 ^U | H17041 ^T | H16041 ^S | H15041 ^R | H14041 ^Q | H13041 ^P | H12041 ^o | |
| H20042 | 47 | 56 | T | H19042 | H18042 ^U | H17042 ^T | H16042 ^S | H15042 ^R | H14042 ^Q | H13042 ^P | H12042 ^o | |
| H20043 | 48 | 57 | T | H19043 | H18043 ^U | H17043 ^T | H16043 ^S | H15043 ^R | H14043 ^Q | H13043 ^P | H12043 ^o | |
| H20044 | 49 | 58 | T | H19044 | H18044 ^U | H17044 ^T | H16044 ^S | H15044 ^R | H14044 ^Q | H13044 ^P | H12044 ^o | |
| H20045 | 50 | 59 | T | H19045 | H18045 ^U | H17045 ^T | H16045 ^S | H15045 ^R | H14045 ^Q | H13045 ^P | H12045 ^o | |
| H20046 | 51 | 60 | T | H19046 | H18046 ^U | H17046 ^T | H16046 ^S | H15046 ^R | H14046 ^Q | H13046 ^P | H12046 ^o | |
| H20047 | 52 | 61 | T | H19047 | H18047 ^U | H17047 ^T | H16047 ^S | H15047 ^R | H14047 ^Q | H13047 ^P | H12047 ^o | |

^o Identical to 2013
^s Identical to 2017

^P Identical to 2014
^T Identical to 2018

^Q Identical to 2015
^U Identical to 2019

^R Identical to 2016

| 2020 Variable Name | 2020 Q2 Question Number | 2020 Q1 Question Number | Identical to 2019 | Variable Name in 2019 Survey | Variable Name in 2018 Survey | Variable Name in 2017 Survey | Variable Name in 2016 Survey | Variable Name in 2015 Survey | Variable Name in 2014 Survey | Variable Name in 2013 Survey | Variable Name in 2012 Survey | Comments |
|-------------------------|-------------------------|-------------------------|-------------------|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------|
| H20048 | 53 | 62 | T | H19048 | H18048 ^U | H17048 ^T | H16048 ^S | H15048 ^R | H14048 ^Q | H13048 ^P | H12048 ^o | |
| H20049 | 54 | 63 | T | H19049 | H18049 ^U | H17049 ^T | H16049 ^S | H15049 ^R | H14049 ^Q | H13049 ^P | H12049 ^o | |
| H20050 | 55 | 64 | T | H19050 | H18050 ^U | H17050 ^T | H16050 ^S | H15050 ^R | H14050 ^Q | H13050 ^P | H12050 ^o | |
| H20051 | 56 | 65 | T | H19051 | H18051 ^U | H17051 ^T | H16051 ^S | H15051 ^R | H14051 ^Q | H13051 ^P | H12051 ^o | |
| H20052 | 57 | 66 | T | H19052 | H18052 ^U | H17052 ^T | H16052 ^S | H15052 ^R | H14052 ^Q | H13052 ^P | H12052 ^o | |
| H20053 | 58 | 67 | T | H19053 | H18053 ^U | H17053 ^T | H16053 ^S | H15053 | H14053 ^Q | H13053 ^P | H12053 ^o | |
| H20054 | 59 | 68 | T | H19054 | H18054 ^U | H17054 ^T | H16054 ^S | H15054 ^R | H14054 ^Q | H13054 ^P | H12054 ^o | |
| H20055 | 60 | 69 | T | H19055 | H18055 ^U | H17055 ^T | H16055 ^S | H15055 ^R | H14055 ^Q | H13055 | H12055 ^o | |
| H20056 | 61 | 70 | T | H19056 | H18056 ^U | H17056 ^T | H16056 ^S | H15056 ^R | H14056 ^Q | H13056 | H12056 ^o | |
| H20057A-H20057D | 62 | 71 | T | H19057A-H19057D | H18057A-H18057D ^U | H17057A-H17057D ^T | H16057A-H16057D ^S | H15057A-H15057D ^R | H14057A-H14057D ^Q | H13057A-H13057D ^P | H12057A - H12057D ^o | |
| H20058 | 64 | 73 | T | H19058 | H18058 ^U | H17058 ^T | H16058 ^S | H15058 | H14058 ^Q | H13058 | H12058 | |
| H20059B | 65 | 74 | T | H19059B | H18059B ^U | H17059B ^T | H16059B ^S | H15059B ^R | H14059B ^Q | H13059B ^P | H12059B ^o | |
| H20060 | 66 | 75 | T | H19060 | H18060 ^U | H17060 ^T | H16060 ^S | H15060 | H14060 ^Q | H13060 ^P | H12060 ^o | |
| H20061 | 67 | 76 | T | H19061 | H18061 ^U | H17061 ^T | H16061 ^S | H15061 ^R | H14061 ^Q | H13061 ^P | H12061 ^o | |
| H20062 | 68 | 77 | T | H19062 | H18062 ^U | H17062 ^T | H16062 ^S | H15062 | H14062 ^Q | H13062 ^P | H12062 ^o | |
| H20063 | 69 | 78 | T | H19063 | H18063 ^U | H17063 ^T | H16063 ^S | H15063 | H14063 ^Q | H13063 ^P | H12063 ^o | |
| H20064 | 70 | 79 | T | H19064 | H18064 ^U | H17064 ^T | H16064 ^S | H15064 ^R | H14064 ^Q | H13064 ^P | H12064 ^o | |
| H20065 | 71 | 80 | T | H19065 | H18065 ^U | H17065 ^T | H16065 ^S | H15065 ^R | H14065 ^Q | H13065 ^P | H12065 ^o | |
| H20071F | 82a | 81a | T | H19071F | H18071F ^U | H17071F ^T | H16071F ^S | H15071F ^R | H14071F ^Q | H13071F ^P | H12071F | |
| H20071I | 82b | 81b | T | H19071I | H18071I ^U | H17071I ^T | H16071I ^S | H15071I ^R | H14071I ^Q | H13071I ^P | H12071I | |
| H20072 | 83 | 82 | T | H19072 | H18072 ^U | H17072 ^T | H16072 ^S | H15072 ^R | H14072 ^Q | H13072 ^P | H12072 | |
| SREDA | 84 | 83 | T | SREDA | SREDA ^U | SREDA ^T | SREDA ^S | SREDA ^R | SREDA ^Q | SREDA ^P | SREDA ^o | |
| H20073, H20073A-H20073E | 85 | 84 | T | H19073, H19073A-H19073E | H18073, H18073A-H18073E ^U | H17073, H17073A-H17073E ^T | H16073, H16073A-H16073E ^S | H15073, H15073A-H15073E ^R | H14073, H14073A-H14073E ^Q | H13073, H13073A-H13073E ^P | H12073, H12073A-H12073E ^o | |

^o Identical to 2013
^s Identical to 2017

^P Identical to 2014
^T Identical to 2018

^Q Identical to 2015
^U Identical to 2019

^R Identical to 2016

| 2020 Variable Name | 2020 Q2 Question Number | 2020 Q1 Question Number | Identical to 2019 | Variable Name in 2019 Survey | Variable Name in 2018 Survey | Variable Name in 2017 Survey | Variable Name in 2016 Survey | Variable Name in 2015 Survey | Variable Name in 2014 Survey | Variable Name in 2013 Survey | Variable Name in 2012 Survey | Comments |
|--------------------|-------------------------|-------------------------|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|
| SRRACEA-SRRACEE | 86 | 85 | T | SRRACEA-SRRACEE | SRRACEA-SRRACEE ^U | SRRACEA-SRRACEE ^T | SRRACEA-SRRACEE ^S | SRRACEA-SRRACEE ^R | SRRACEA-SRRACEE ^Q | SRRACEA-SRRACEE ^P | SRRACEA-SRRACEE ^o | |
| SRAGE | 87 | 86 | T | SRAGE | SRAGE ^U | SRAGE ^T | SRAGE ^S | SRAGE ^R | SRAGE ^Q | SRAGE ^P | SRAGE ^o | |
| S20009 | 29 | 38 | T | S19009 | S18009 ^U | S17009 ^T | S16009 ^S | S15009 ^R | S14009 ^Q | S13009 ^P | S12009 | |
| S20010 | 30 | 39 | T | S19010 | S18010 ^U | S17010 ^T | S16010 ^S | S15010 ^R | S14010 ^Q | S13010 ^P | S12010 | |
| S20011 | 88 | 87 | T | S19011 | S18011 ^U | S17011 ^T | S16011 ^S | S15011 ^R | S14011 ^Q | S13011 ^P | S12011 ^o | |
| S20014 | 89 | 88 | T | S19014 | S18014 ^U | S17014 ^T | S16014 ^S | S15014 ^R | S14014 ^Q | S13014 ^P | S12014 ^o | |
| S20B01 | 35 | 44 | T | S19B01 | S18B01 ^U | S17B01 ^T | S16B01 ^S | S15B01 ^R | S14B01 ^Q | S13B01 ^P | S12B01 ^o | |
| S20B02 | 36 | 45 | T | S20B02 | S18B02 ^U | S17B02 ^T | S16B02 ^S | S15B02 ^R | S14B02 ^Q | S13B02 ^P | S12B02 ^o | |
| S20B03 | 37 | 46 | T | S20B03 | S18B03 ^U | S17B03 ^T | S16B03 ^S | S15B03 ^R | S14B03 ^Q | S13B03 ^P | S12B03 ^o | |
| S20B04 | 38 | 47 | T | S20B04 | S18B04 ^U | S17B04 ^T | S16B04 ^S | S15B04 ^R | S14B04 ^Q | S13B04 ^P | S12B04 ^o | |
| S20BF4 | 63 | 72 | T | S19BF4 | S18BF4 ^U | S17BF4 ^T | S16BF4 ^S | | | | | |
| S20BI02A-S20BI02E | | 20 | | | S18BI02A-S18BI02E | S17BI02A-S17BI02E | | | | | | CONDENSED TEXT EXPLANATION FOR URGENT CALL CENTER |
| S20BI03 | | 25a | | | S18BI03 ^U | S17BI03 ^T | | | | | | |
| S20BI04 | | 25b | | | S18BI04 ^U | S17BI04 ^T | | | | | | |
| S20BI06 | | 25c | | | S18BI06 ^U | S17BI06 ^T | | | | | | |
| S20BI07 | | 25e | | | S18BI07 ^U | S17BI07 ^T | | | | | | |
| S20BI08 | | 25f | | | S18BI08 ^U | S17BI08 ^T | | | | | | |
| S20BI09 | | 25d | | | S18BI09 ^U | S17BI09 ^T | | | | | | |
| S20BI12 | | 25g | | | S18BI12 ^U | S17BI12 ^T | | | | | | |
| S20BI14 | | 25h | | | S18BI14 ^U | S17BI14 ^T | | | | | | |
| S20BI15 | | 23 | | | S18BI15 ^U | S17BI15 ^T | | | | | | |
| S20BI16 | | 24 | | | S18BI16 ^U | S17BI16 ^T | | | | | | |
| S20BI19 | | 21 | | | S18BI19 ^U | S17BI19 ^T | | | | | | |
| S20BI20 | | 28 | | | S18BI20 ^U | S17BI20 ^T | | | | | | |

^o Identical to 2013

^s Identical to 2017

^P Identical to 2014

^T Identical to 2018

^Q Identical to 2015

^U Identical to 2019

^R Identical to 2016

| 2020 Variable Name | 2020 Q2 Question Number | 2020 Q1 Question Number | Identical to 2019 | Variable Name in 2019 Survey | Variable Name in 2018 Survey | Variable Name in 2017 Survey | Variable Name in 2016 Survey | Variable Name in 2015 Survey | Variable Name in 2014 Survey | Variable Name in 2013 Survey | Variable Name in 2012 Survey | Comments |
|--------------------|-------------------------|-------------------------|-------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------|
| S20BI21 | | 22 | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BI22 | | 26 | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BI23 | | 27 | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BG01 | 72 | | | | S18BG01 ^U | S17BG01 ^T | S16BG01 ^S | | | | | |
| S20BG02 | 73 | | | | S18BG02 ^U | S17BG02 ^T | S16BG02 ^S | | | | | |
| S20BG03 | 74 | | | | S18BG03 ^U | S17BG03 ^T | S16BG03 ^S | | | | | |
| S20BJ01 | 75 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ02 | 76 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ03 | 77 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ04 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ05 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ06 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ07 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ08 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ09 | 78 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ10 | 79 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ11 | 80 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ12 | 80 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ13 | 80 | | | | | | | | | | | NEW QUESTION FOR 2020 |
| S20BJ14 | 81 | | | | | | | | | | | NEW QUESTION FOR 2020 |

^o Identical to 2013
^s Identical to 2017

^p Identical to 2014
^t Identical to 2018

^q Identical to 2015
^u Identical to 2019

^r Identical to 2016

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

APPENDIX D

CODING SCHEME AND CODING TABLES – QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

QUARTER II

2020 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 | Description |
|---------|--------------|---|
| Numeric | Numeric | |
| . | -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:
H20003, H20004**

| N1 | H20003 is: | H20004 is: | H20003 is coded as: | H20004 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:
H20006, H20007, H20008**

| N2 | H20006 is: | H20007-H20008 are: | H20006 is coded as: | H20007-H20008 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 H20007-H20008 are all missing.

Definition of "blank or NA" in Coding Table for Note 2:
All of the following are true: H20007-H20008 are a combination of not applicable (-6) or missing.

Definition of "one marked and one NA" in Coding Table for Note 2:
H20007-H20008 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:
H20009, H20010, H20011**

| N3 | H20009 is: | H20010-H20011 are: | H20009 is coded as: | H20010-H20011 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 H20010-H20011 are all missing.

Definition of “blank or NA” in Coding Table for Note 3:
All of the following are true: H20010-H20011 are a combination of not applicable (-6) or missing.

Definition of “one marked and one NA” in Coding Table for Note 3:
H20010-H20011 have one response marked not applicable (-6) and one marked response (other than not applicable).

Definition of “marked” in Coding Table for Note 3:
Any pattern of marks outside the definitions “all are blank”, “one marked and one NA”, and “blank or NA”.

**Coding Table for Note 4:
H20013, H20014-H20017**

| N4 | H20013 is: | H20014-H20017 are: | H20013 is coded as: | H20014-H20017 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 | "All are blank" | 1: None | .N: Valid skip if missing | B F |
| 3 | 2-7: Visits | At least one is "marked" | Stands as original value | stand as original value | |
| 4 | .: Missing | Any 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 4:
Responses to H20014-H20017 are all missing.

Definition of "marked" in Coding Table for Note 4:
Any pattern of marks outside the definition "all are blank".

**Coding Table for Note 5:
H20015, H20016-H20017**

| N5 | H20015 is: | H20016 is: | H20017 is: | H20015 is coded as: | H20016 is coded as: | H20017 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:
H20019, H20020-H20027, S20009**

| N6 | H20019 is: | H20020- H20024 are: | H20025- H20026, S20010 are: | H20027 is: | H20019 is coded as: | H20020- H20026, S20010 are coded as: | H20027 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: H20020 is either 0: None or missing and H20021-H20024 are either not applicable (-6) or missing.

Definition of “marked” in Coding Table for Note 6:

Any pattern of marks for H20020-H20024 outside the definition “blank or NA”.

**Coding Table for Note 7:
H20020, H20021-H20026**

| N7 | H20020 is: | H20021-H20026 are: | H20020 is coded as: | H20021-H20026 are coded as: | * |
|----|--|--|--------------------------|--|--------|
| 1 | .N: Valid skip, or .C: question should be skipped | .N: Valid skip, or .C: question should be skipped | Stands as original value | Stand as original value | |
| 2 | 0: None | Any value | Stands as original value | .N: Valid skip if missing; .C: question should be skipped if marked | F |
| 3 | 1-6: Visits, or .: missing | “Blank or NA” | 0: None | .N: Valid skip if missing; .C: question should be skipped if marked | B F |
| 4 | 1-6: Visits, or .: missing | At least one is “marked” or “all are blank” | Stands as original value | .: Missing if –6; stand as original value otherwise | F |

* Indication of backward coding (B) or forward coding (F).

Definition of “all are blank” in Coding Table for Note 7:
Responses to H20021-H20026 are all missing.

Definition of “blank or NA” in Coding Table for Note 7:
Responses to H20021-H20026 are a combination of not applicable (-6) or missing or a response of “2: No” to H20025.

Definition of “marked” in Coding Table for Note 7:
Any pattern of marks for H20021-H20026 outside the definition “all are blank” and “blank or NA”.

**Coding Table for Note 8:
H20025, H20026**

| N8 | H20025 is: | H20026 is: | H20025 is coded as: | H20026 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:
S20009, S20010**

| N8_01 | S20009 is: | S20010 is: | S20009 is coded as: | S20010 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:
H20028, H20029-H20031**

| N9 | H20028 is: | H20029-H20031 are: | H20028 is coded as: | H20029 is coded as: | H20030-H20031 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 H20029-H20031 are all missing.

Definition of “blank or NA” in Coding Table for Note 9:
All of the following are true: H20029 and H20031 are a combination of not applicable (-6) or missing. H20030 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:
H20030, H20031**

| N10 | H20030 is: | H20031 is: | H20030 is coded as: | H20031 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:
S20B02, S20B03-S20B04**

| N10_B1 | S20B02 is: | S20B03-S20B04 are: | S20B02 is coded as: | S20B03-S20B04 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 S20B03-S20B04 are all missing.

Definition of "blank or NA" in Coding Table for Note 10_B1:
All of the following are true: S20B03-S20B04 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 12:
H20034, H20035**

| N12 | H20034 is: | H20035 is: | H20034 is coded as: | H20035 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:
H20036, H20037**

| N13 | H20036 is: | H20037 is: | H20036 is coded as: | H20037 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:
H20038, H20039**

| N14 | H20038 is: | H20039 is: | H20038 is coded as: | H20039 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:
H20040, H20041-H20042**

| N15 | H20040 is: | H20041-H20042 are: | H20040 is coded as: | H20041-H20042 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 H20041-H20042 are all missing.

Definition of "blank or NA" in Coding Table for Note 15:
All of the following are true: H20041-H20042 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:
H20043, H20044**

| N16 | H20043 is: | H20044 is: | H20043 is coded as: | H20044 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:
H20045, H20046-H20047**

| N17 | H20045 is: | H20046-H20047 are: | H20045 is coded as: | H20046-H20047 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 H20046-H20047 are all missing.

Definition of "blank or NA" in Coding Table for Note 17:
Responses to H20046-H20047 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 H20046-H20047 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 H20046-H20047 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:
H20053, H20054-H20056, H20057A-H20057D

| N18 | H20053 is: | H20054- H20056 are: | H20057A- H20057D are: | H20053 is coded as: | H20054- H20056, H20057A- H20057D 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 H20057A-H20057D 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)
H20058, H20059B, H20060-H20064, SEX, XSEX

| N19A | H20058 is: | SEX is: | H20059B--H20064 are: | XSEX 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.

XSEX is the recoded gender variable after taking into account the self-reported response (H20058), any responses to gender-specific questions, and the gender of the sample beneficiary from DEERS.

Note 19 (Part B):**XSEXA, H20059B, H20060-H20064**

| N19B | XSEXA is: | H20059B--H16064 are: | H20059B--H20064 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 H20059B--H20064 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, H20060, H20061**

| N20 | XSEXA is: | AGE is: | H20060 is: | H20061 is: | H20060 is coded as: | H20061 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, H20062-H20064**

| N21 | XSEXa is: | H20062 is: | H20063 is: | H20064 is: | H20062 is coded as: | H20063 is coded as: | H20064 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 21_BG1:
S20BG01**

| N21_ | S20BG01 is: | S20BG01 is coded as: | * |
|------|-----------------------|--------------------------|---|
| BG1 | | | |
| 1 | "Number within range" | Stands as original value | |
| 2 | 88 | 0 | F |
| 3 | "Number out of range" | .O | F |

* Indication of backward coding (B) or forward coding (F).

Definition of "Number within range" in Coding Table for Note 21_BG1:
Any value not greater than 30.

Definition of "Number out of range" in Coding Table for Note 21_BG1:
Any value greater than 30 except 88.

**Coding Table for Note 21_BG2:
S20BG02**

| N21_ | S20BG02 is: | S20BG02 is coded as: | * |
|------|-----------------------|--------------------------|---|
| BG2 | | | |
| 1 | "Number within range" | Stands as original value | |
| 2 | 88 | 0 | F |
| 3 | "Number out of range" | .O | F |

* Indication of backward coding (B) or forward coding (F).

Definition of "Number within range" in Coding Table for Note 22_BG2:
Any value not greater than 30.

Definition of "Number out of range" in Coding Table for Note 22_BG2:
Any value greater than 30 except 88.

**Coding Table for Note 21_BG3:
S20BG01, S20BG02, S20BG03**

| N21_ | S20BG01 is: | S20BG02 is: | S20BG03 is: | S20BG03 is coded as: | * |
|------|-------------------|-------------------|-----------------------|--------------------------|---|
| BG3 | | | | | |
| 1 | 0 | 0 | .: Missing | 0 | |
| 2 | Any nonzero value | Any nonzero value | "Number within range" | Stands as original value | |
| 3 | Any nonzero value | Any nonzero value | 88 | 0 | F |
| 4 | Any nonzero value | Any nonzero value | "Number out of range" | .O | F |

* Indication of backward coding (B) or forward coding (F).

Definition of "Number within range" in Coding Table for Note 23_BG3:
Any value not greater than 30.

Definition of "Number out of range" in Coding Table for Note 23_BG3:
Any value greater than 30 except 88.

**Coding Table for Note 23_HT:
XSEXA, H20071F, H20071I**

| N23_HT | XSEXA is: | H20071F and H20071I is: | H20071F and H20071I 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, H20072**

| N23_WT | XSEXA is: | H20072 is: | H20072 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:
H20073, H20073A-H20073E**

| N24 | H20073A is: | H20073B is: | H20073C is: | H20073D is: | H20073E is: | H20073 is coded as: | H20073A-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 24_BJ1:
S20BJ01-S20BJ03**

| N24_BJ1 | S20BJ01 is: | S20BJ02-S20BJ03 is: | S20BJ01 is coded as: | S20BJ02-S20BJ03 are coded as: | * |
|---------|-------------|---------------------|-------------------------|-------------------------------|---|
| 1 | 1: Yes | Marked | Stand as original value | Stand as original value | F |
| 2 | 1: Yes | Unmarked | Stand as original value | Stand as original value | F |
| 3 | 2: No | Unmarked | Stand as original value | .N: Valid skip if missing | |
| 4 | 2: No | Marked | Stand as original value | .C: Should have been skipped | B |
| 5 | ∴ Missing | BJ02: Marked only | 1: Yes | Stand as original value | B |
| 6 | ∴ Missing | BJ03: Marked only | Stand as original value | Stand as original value | B |
| 7 | ∴ Missing | Unmarked | Stand as original value | Stand as original value | F |

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 24_BJ2:
S20BJ05-S20BJ07

| N24 BJ2 | S20BJ10 is: | S20BJ11-S20BJ14 are: | S20BJ10 is coded as: | S20BJ11-S20BJ14 are coded as: | * |
|---------|----------------------|------------------------------|-------------------------|-------------------------------|---|
| 1 | 1: Yes | Marked | Stand as original value | Stand as original value | F |
| 2 | 1: Yes | Unmarked | Stand as original value | Stand as original value | F |
| 3 | 2: No | Unmarked | Stand as original value | .N: Valid skip if missing | |
| 4 | 2: No, or .: Missing | BJ11-13: Marked BJ14: Yes | 1: Yes | Stand as original value | B |
| 5 | 2: No | BJ11-13: Marked BJ14: No | Stand as original value | .C: Should have been skipped | B |
| 6 | .: Missing | 06: marked, 07: no | 1: Yes | Stand as original value | |
| 7 | .: Missing | Unmarked | Stand as original value | Stand as original value | F |

* Indication of backward coding (B) or forward coding (F).

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

APPENDIX E

SAS PROC CONTENTS—ALPHABETICAL 2020 ADULT HCSDB—QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

The CONTENTS Procedure

| | | | |
|---------------------|---------------------------|-----------------------|------|
| Data Set Name | IN.HCS202_1 | Observations | 8541 |
| Member Type | DATA | Variables | 280 |
| Engine | V9 | Indexes | 0 |
| Created | 06/09/2020 10:29:53 | Observation Length | 1620 |
| Last Modified | 06/09/2020 10:29:53 | Deleted Observations | 0 |
| Protection | | Compressed | CHAR |
| Data Set Type | | Reuse Space | NO |
| Label | | Point to Observations | YES |
| Data Representation | WINDOWS_64 | Sorted | NO |
| Encoding | wlatin1 Western (Windows) | | |

Engine/Host Dependent Information

| | |
|----------------------------|---|
| Data Set Page Size | 69632 |
| Number of Data Set Pages | 160 |
| Number of Data Set Repairs | 0 |
| ExtendObsCounter | YES |
| Filename | /sasdata/Projects/50713_HCS/DATA/HCSDB/Q2FY2020/Data/AFinal/fmtlib/WindowsVersionForDHA/hcs202_1.sas7bdat |
| Release Created | 9.0401M3 |
| Host Created | X64_8PRO |
| Inode Number | 1000773089 |
| Access Permission | rw-rw-r-- |
| Owner Name | root |
| File Size | 11MB |
| File Size (bytes) | 11210752 |

Alphabetic List of Variables and Attributes

| # | Variable | Type | Len | Format | Informat | Label |
|-----|----------|------|-----|------------|----------|------------------------------------|
| 11 | BWT | Num | 8 | | | BWT - Basic Sampling Weight |
| 9 | D_HEALTH | Char | 2 | \$DHEALTH. | | Health Service Region |
| 17 | DBENCAT | Char | 3 | \$BENCAT. | | Beneficiary Category |
| 21 | DELGENRC | Char | 3 | \$DELGEN. | | DEERS Eligibility-Enrollment Code |
| 22 | DENRGRPC | Char | 1 | \$DENRGR. | | DEERS Enroll Group Code |
| 190 | DHAFLAG | Num | 3 | DHAFLAG. | | DHA Flag |
| 18 | DSPONSVC | Char | 1 | \$SPONSVC. | | Derived Sponsor Branch of Service |
| 147 | DUPFLAG | Char | 3 | | | Multiple Response Indicator |
| 5 | ENBGSMPL | Char | 2 | \$ENBGS. | | Enrollment by beneficiary category |
| 146 | FLAG_FIN | Char | 5 | \$FINAL. | | Final Disposition |
| 148 | FNSTATUS | Num | 8 | FNSTATS. | | Final Status |
| 280 | FWRWT | Num | 8 | | | Final NEW Weight |
| 220 | FWRWT1 | Num | 8 | | | Replicated/JackKnife NEW Weight 1 |
| 221 | FWRWT2 | Num | 8 | | | Replicated/JackKnife NEW Weight 2 |
| 222 | FWRWT3 | Num | 8 | | | Replicated/JackKnife NEW Weight 3 |
| 223 | FWRWT4 | Num | 8 | | | Replicated/JackKnife NEW Weight 4 |
| 224 | FWRWT5 | Num | 8 | | | Replicated/JackKnife NEW Weight 5 |
| 225 | FWRWT6 | Num | 8 | | | Replicated/JackKnife NEW Weight 6 |
| 226 | FWRWT7 | Num | 8 | | | Replicated/JackKnife NEW Weight 7 |
| 227 | FWRWT8 | Num | 8 | | | Replicated/JackKnife NEW Weight 8 |
| 228 | FWRWT9 | Num | 8 | | | Replicated/JackKnife NEW Weight 9 |
| 229 | FWRWT10 | Num | 8 | | | Replicated/JackKnife NEW Weight 10 |
| 230 | FWRWT11 | Num | 8 | | | Replicated/JackKnife NEW Weight 11 |
| 231 | FWRWT12 | Num | 8 | | | Replicated/JackKnife NEW Weight 12 |
| 232 | FWRWT13 | Num | 8 | | | Replicated/JackKnife NEW Weight 13 |
| 233 | FWRWT14 | Num | 8 | | | Replicated/JackKnife NEW Weight 14 |
| 234 | FWRWT15 | Num | 8 | | | Replicated/JackKnife NEW Weight 15 |
| 235 | FWRWT16 | Num | 8 | | | Replicated/JackKnife NEW Weight 16 |
| 236 | FWRWT17 | Num | 8 | | | Replicated/JackKnife NEW Weight 17 |
| 237 | FWRWT18 | Num | 8 | | | Replicated/JackKnife NEW Weight 18 |
| 238 | FWRWT19 | Num | 8 | | | Replicated/JackKnife NEW Weight 19 |
| 239 | FWRWT20 | Num | 8 | | | Replicated/JackKnife NEW Weight 20 |
| 240 | FWRWT21 | Num | 8 | | | Replicated/JackKnife NEW Weight 21 |
| 241 | FWRWT22 | Num | 8 | | | Replicated/JackKnife NEW Weight 22 |
| 242 | FWRWT23 | Num | 8 | | | Replicated/JackKnife NEW Weight 23 |
| 243 | FWRWT24 | Num | 8 | | | Replicated/JackKnife NEW Weight 24 |
| 244 | FWRWT25 | Num | 8 | | | Replicated/JackKnife NEW Weight 25 |
| 245 | FWRWT26 | Num | 8 | | | Replicated/JackKnife NEW Weight 26 |

| | | | | | |
|-----|---------|-----|---|-----------|--|
| 246 | FWRWT27 | Num | 8 | | Replicated/JackKnife NEW Weight 27 |
| 247 | FWRWT28 | Num | 8 | | Replicated/JackKnife NEW Weight 28 |
| 248 | FWRWT29 | Num | 8 | | Replicated/JackKnife NEW Weight 29 |
| 249 | FWRWT30 | Num | 8 | | Replicated/JackKnife NEW Weight 30 |
| 250 | FWRWT31 | Num | 8 | | Replicated/JackKnife NEW Weight 31 |
| 251 | FWRWT32 | Num | 8 | | Replicated/JackKnife NEW Weight 32 |
| 252 | FWRWT33 | Num | 8 | | Replicated/JackKnife NEW Weight 33 |
| 253 | FWRWT34 | Num | 8 | | Replicated/JackKnife NEW Weight 34 |
| 254 | FWRWT35 | Num | 8 | | Replicated/JackKnife NEW Weight 35 |
| 255 | FWRWT36 | Num | 8 | | Replicated/JackKnife NEW Weight 36 |
| 256 | FWRWT37 | Num | 8 | | Replicated/JackKnife NEW Weight 37 |
| 257 | FWRWT38 | Num | 8 | | Replicated/JackKnife NEW Weight 38 |
| 258 | FWRWT39 | Num | 8 | | Replicated/JackKnife NEW Weight 39 |
| 259 | FWRWT40 | Num | 8 | | Replicated/JackKnife NEW Weight 40 |
| 260 | FWRWT41 | Num | 8 | | Replicated/JackKnife NEW Weight 41 |
| 261 | FWRWT42 | Num | 8 | | Replicated/JackKnife NEW Weight 42 |
| 262 | FWRWT43 | Num | 8 | | Replicated/JackKnife NEW Weight 43 |
| 263 | FWRWT44 | Num | 8 | | Replicated/JackKnife NEW Weight 44 |
| 264 | FWRWT45 | Num | 8 | | Replicated/JackKnife NEW Weight 45 |
| 265 | FWRWT46 | Num | 8 | | Replicated/JackKnife NEW Weight 46 |
| 266 | FWRWT47 | Num | 8 | | Replicated/JackKnife NEW Weight 47 |
| 267 | FWRWT48 | Num | 8 | | Replicated/JackKnife NEW Weight 48 |
| 268 | FWRWT49 | Num | 8 | | Replicated/JackKnife NEW Weight 49 |
| 269 | FWRWT50 | Num | 8 | | Replicated/JackKnife NEW Weight 50 |
| 270 | FWRWT51 | Num | 8 | | Replicated/JackKnife NEW Weight 51 |
| 271 | FWRWT52 | Num | 8 | | Replicated/JackKnife NEW Weight 52 |
| 272 | FWRWT53 | Num | 8 | | Replicated/JackKnife NEW Weight 53 |
| 273 | FWRWT54 | Num | 8 | | Replicated/JackKnife NEW Weight 54 |
| 274 | FWRWT55 | Num | 8 | | Replicated/JackKnife NEW Weight 55 |
| 275 | FWRWT56 | Num | 8 | | Replicated/JackKnife NEW Weight 56 |
| 276 | FWRWT57 | Num | 8 | | Replicated/JackKnife NEW Weight 57 |
| 277 | FWRWT58 | Num | 8 | | Replicated/JackKnife NEW Weight 58 |
| 278 | FWRWT59 | Num | 8 | | Replicated/JackKnife NEW Weight 59 |
| 279 | FWRWT60 | Num | 8 | | Replicated/JackKnife NEW Weight 60 |
| 23 | H20001 | Num | 4 | YN. | Are you the person listed on envelope |
| 43 | H20003 | Num | 4 | HPLAN1_. | Which health plan did you use most |
| 44 | H20004 | Num | 4 | HPTIME_. | Yrs in a row with health plan |
| 45 | H20005 | Num | 4 | PLACE_. | In 1st yr:fclty use most for health care |
| 46 | H20006 | Num | 4 | YN. | In 1st yr:ill/injry/cond care right away |
| 47 | H20007 | Num | 4 | OFTEN2_. | In 1st yr:get urgnt care as soon as wntd |
| 48 | H20008 | Num | 4 | TIME1_. | In 1st yr:wait btwn try get care,see prv |
| 49 | H20009 | Num | 4 | YN. | In 1st yr:make appts non-urgnt hlth care |
| 50 | H20010 | Num | 4 | OFTEN3_. | In 1st yr:non-urg hlth cre appt whn wntd |
| 51 | H20011 | Num | 4 | TIME2_. | In 1st yr:days btwn appt & see prvder |
| 52 | H20012 | Num | 4 | OFTEN4_. | In 1st yr:go to emrgncy rm for own care |
| 53 | H20013 | Num | 4 | OFTEN4_. | In 1st yr:go to Dr office/clinic for care |
| 54 | H20014 | Num | 4 | OFTEN8_. | Lst yr: how often talk to doctor about illness prvntn |
| 55 | H20015 | Num | 4 | YN. | Lst yr: did doctor tell you more than 1 choice for trtmnt |
| 56 | H20016 | Num | 4 | YNDEF. | Lst yr: did talk to doctor about pros/cons of trtmnt |
| 57 | H20017 | Num | 4 | YNDEF. | Lst yr: did doctor ask which trtmnt option best for you |
| 58 | H20018 | Num | 4 | RATE3_. | Rating of all health care in 1st yr |
| 59 | H20019 | Num | 4 | YN. | Have one person think of as personal Dr |
| 60 | H20020 | Num | 4 | OFTEN10_. | Lst yr: how often visit prsnl doctor for care for yourself |
| 61 | H20021 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs listen to you |
| 62 | H20022 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs explain things |
| 63 | H20023 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs show respect |
| 64 | H20024 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs spend enough time |
| 65 | H20025 | Num | 4 | YN. | Lst yr: did get care from doctor other than prsnl doctor |

| | | | | | |
|-----|---------|-----|---|-----------|---|
| 66 | H20026 | Num | 4 | OFTEN8_. | Lst yr: how often prsnl doctor seemed infmrd of care from other doctors |
| 67 | H20027 | Num | 4 | RATE6_. | Rating of your personal Dr |
| 68 | H20028 | Num | 4 | YN. | Lst yr: did make any appointments to see spclst |
| 69 | H20029 | Num | 4 | OFTEN9_. | Lst yr: how often easy to get appointments with spclsts |
| 70 | H20030 | Num | 4 | SPCLST. | Lst yr: how many spclsts seen |
| 71 | H20031 | Num | 4 | RATE2_. | Rating of specialist seen in lst yr |
| 72 | H20033 | Num | 4 | OFTEN11_. | Lst yr: how often easy to get care, test, or trtmnt |
| 73 | H20034 | Num | 4 | YN. | Lst yr: did look for info from written material/Internet |
| 74 | H20035 | Num | 4 | OFTEN12_. | Lst yr: how often written material/Internet provide needed info |
| 75 | H20036 | Num | 4 | YN. | Lst yr: did look for info from health plan on cost of service/equipment |
| 76 | H20037 | Num | 4 | OFTEN13_. | Lst yr: how often able to find out cost of service/equipment |
| 77 | H20038 | Num | 4 | YN. | Lst yr: did look for info from health plan on cost of prescription meds |
| 78 | H20039 | Num | 4 | OFTEN14_. | Lst yr: how often able to find out cost of prescription meds |
| 79 | H20040 | Num | 4 | YN. | Lst yr: did try to get info/help from health plan's cstmr service |
| 80 | H20041 | Num | 4 | OFTEN15_. | Lst yr: how often did cstmr service give needed info/help |
| 81 | H20042 | Num | 4 | OFTEN15_. | Lst yr: how often did cstmr service treat with courtesy/respect |
| 82 | H20043 | Num | 4 | YN. | Lst yr: did health plan give any forms to fill out |
| 83 | H20044 | Num | 4 | OFTEN16_. | Lst yr: how often were forms easy to fill out |
| 84 | H20045 | Num | 4 | YNDNK. | Lst yr: send in any claims |
| 85 | H20046 | Num | 4 | OFTEN6_. | Lst yr: how often did health plan handle claims quickly |
| 86 | H20047 | Num | 4 | OFTEN6_. | Lst yr: how oftn handle claims correctly |
| 87 | H20048 | Num | 4 | RATE4_. | Rating of all experience with hlth plan |
| 88 | H20049 | Num | 4 | TIME5_. | Blood pressure: when lst reading |
| 89 | H20050 | Num | 4 | YNBP_. | Blood pressure: know if too high or not |
| 90 | H20051 | Num | 4 | TIME7_. | When did you lst have a flu shot |
| 91 | H20052 | Num | 4 | YNDNK. | Smoked at least 100 cigarettes in life |
| 92 | H20053 | Num | 4 | TIME8_. | Smoke or use tobacco everyday, some days or not at all |
| 93 | H20054 | Num | 4 | OFTEN8_. | Lst yr: how often advised to quit smoking or use tobacco |
| 94 | H20055 | Num | 4 | OFTEN8_. | Lst yr: how often recom medic assist quit smoking or using tobacco |
| 95 | H20056 | Num | 4 | OFTEN8_. | Lst yr: how often discu meth/strag asst quit smoking or using tobacco |
| 100 | H20058 | Num | 4 | SEX. | Are you male or female |
| 102 | H20060 | Num | 4 | YN. | Are you under age 40 |
| 103 | H20061 | Num | 4 | TIME12_. | Lst time: breasts checked mammography |
| 104 | H20062 | Num | 4 | YNPREG. | Been pregnant in lst yr or pregnant now |
| 105 | H20063 | Num | 4 | PREG1_. | In what trimester is your pregnancy |
| 106 | H20064 | Num | 4 | PREG2_. | Trimester first received prenatal care |
| 107 | H20065 | Num | 4 | HEALTH. | In gnrl, how would you rate ovrrll hlth |
| 109 | H20073 | Num | 4 | XHISP. | Are you Spanish/Hispanic/Latino |
| 24 | H20002A | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Prime |
| 25 | H20002C | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Select |
| 35 | H20002F | Num | 4 | MARKED. | Health plan(s) covered: Medicare |
| 36 | H20002G | Num | 4 | MARKED. | Health plan(s) covered: FEHBP |
| 37 | H20002H | Num | 4 | MARKED. | Health plan(s) covered: Medicaid or other state insurance |
| 38 | H20002I | Num | 4 | MARKED. | Health plan(s) covered: civilian HMO |
| 39 | H20002J | Num | 4 | MARKED. | Health plan(s) covered: other civilian |
| 33 | H20002K | Num | 4 | MARKED. | Health plan(s) covered: USFHP |
| 42 | H20002L | Num | 4 | MARKED. | Health plan(s) covered: not sure |
| 40 | H20002M | Num | 4 | MARKED. | Health plan(s) covered: veterans |

| | | | | | |
|-----|----------|------|---|----------|--|
| 26 | H20002N | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Plus |
| 27 | H20002O | Num | 4 | MARKED. | Health plan(s) covered: TRICARE For Life |
| 28 | H20002P | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Supplmntl Ins |
| 29 | H20002Q | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Reserve Select |
| 41 | H20002R | Num | 4 | MARKED. | Health plan(s) covered: gov hlth ins- other cntry |
| 30 | H20002S | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Retired Reserve |
| 31 | H20002T | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Young Adult Prime |
| 34 | H20002U | Num | 4 | MARKED. | Health plan(s) covered: CHCBP |
| 32 | H20002V | Num | 4 | MARKED. | Health plan(s) covered: TRICARE Young Adult Select |
| 96 | H20057A | Num | 4 | MARKED. | Do you smoke or use: cigarettes |
| 97 | H20057B | Num | 4 | MARKED. | Do you smoke or use: dip, chewing tobacco, snuff, or snus |
| 98 | H20057C | Num | 4 | MARKED. | Do you smoke or use: cigars |
| 99 | H20057D | Num | 4 | MARKED. | Do you smoke or use: pipes, bidis, or kreteks |
| 101 | H20059B | Num | 4 | TIME16_. | Lst have a Pap smear test |
| 110 | H20073A | Num | 4 | MARKED. | Not Spanish/Hispanic/Latino |
| 111 | H20073B | Num | 4 | MARKED. | Mexican, Mexican American, Chicano |
| 112 | H20073C | Num | 4 | MARKED. | Puerto Rican |
| 113 | H20073D | Num | 4 | MARKED. | Cuban or Other Spanish, Hispanic, or Latino |
| 213 | HP_BP | Num | 8 | HAYNN2_. | Bld prsre chck in last 2 yrs, know rslts |
| 218 | HP_CESH3 | Num | 8 | SMOKE. | Had smoking cessation counseling - HEDIS (modified) |
| 214 | HP_FLU | Num | 8 | HAYNN. | 65 and older, flu shot in last 12 mnths |
| 211 | HP_MAM50 | Num | 8 | HAYNN. | Women 50>=, mammography in pst 2 yrs |
| 210 | HP_MAMOG | Num | 8 | HAYNN. | Women 40>=, mammography in pst 2 yrs |
| 215 | HP_OBESE | Num | 8 | HAYNN. | Obese/Morbidly obese |
| 212 | HP_PAP | Num | 8 | HAYNN. | All women, Pap smear in last 3 yrs |
| 209 | HP_PRNTL | Num | 8 | PRNTL. | Prgrnt in lst yr, receivd cre lst trimstr |
| 217 | HP_SMKH3 | Num | 8 | SMOKE. | Smoker under HEDIS definition (modified) |
| 216 | HP_SMOKE | Num | 8 | HAYNN. | Advised to quit smoking in last 12 mnths |
| 208 | KCIVINS | Num | 8 | HAYNN2_. | Beneficiary coverd by civilian insurance |
| 207 | KCIVOPQY | Num | 8 | HAGRID. | Outpat. visits-use Civilian fcilty most |
| 149 | KEYCOUNT | Num | 8 | | # Key Questions Answered |
| 206 | KMILOPQY | Num | 8 | HAGRID. | Outpat. visits-use Military fcilty most |
| 183 | MISS_1 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): violates skip pattern |
| 184 | MISS_4 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): incomplete grid error |
| 185 | MISS_5 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): scalable response of don't know |
| 186 | MISS_6 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): not applicable - valid skip |
| 187 | MISS_7 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): out-of-range error |
| 188 | MISS_9 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): no response - invalid skip |
| 189 | MISS_TOT | Num | 8 | HAMISS. | Total number of missing responses (pre-cleaning) |
| 6 | MPCSMPL | Num | 8 | MPCSMPL. | MPCSMPL - Military Personnel Category |
| 1 | MPRID | Char | 8 | \$8. | Unique MPR Identifier |
| 152 | N1 | Num | 8 | | Coding Scheme Note 1 |
| 153 | N2 | Num | 8 | | Coding Scheme Note 2 |
| 154 | N3 | Num | 8 | | Coding Scheme Note 3 |
| 155 | N4 | Num | 8 | | Coding Scheme Note 4 |
| 156 | N5 | Num | 8 | | Coding Scheme Note 5 |
| 157 | N6 | Num | 8 | | Coding Scheme Note 6 |

| | | | | | |
|-----|----------|------|---|-------------|---|
| 158 | N7 | Num | 8 | | Coding Scheme Note 7 |
| 159 | N8 | Num | 8 | | Coding Scheme Note 8 |
| 161 | N9 | Num | 8 | | Coding Scheme Note 9 |
| 162 | N10 | Num | 8 | | Coding Scheme Note 10 |
| 164 | N12 | Num | 8 | | Coding Scheme Note 12 |
| 165 | N13 | Num | 8 | | Coding Scheme Note 13 |
| 166 | N14 | Num | 8 | | Coding Scheme Note 14 |
| 167 | N15 | Num | 8 | | Coding Scheme Note 15 |
| 168 | N16 | Num | 8 | | Coding Scheme Note 16 |
| 169 | N17 | Num | 8 | | Coding Scheme Note 17 |
| 170 | N18 | Num | 8 | | Coding Scheme Note 18 |
| 173 | N20 | Num | 8 | | Coding Scheme Note 20 |
| 174 | N21 | Num | 8 | | Coding Scheme Note 21 |
| 180 | N24 | Num | 8 | | Coding Scheme Note 24 |
| 163 | N10_B1 | Num | 8 | | Coding Scheme Note 10_B1 |
| 171 | N19A | Num | 8 | | Coding Scheme Note 19A |
| 172 | N19B | Num | 8 | | Coding Scheme Note 19B |
| 175 | N21_BG1 | Num | 8 | | Coding Scheme Note 21_BG1 |
| 176 | N21_BG2 | Num | 8 | | Coding Scheme Note 21_BG2 |
| 177 | N21_BG3 | Num | 8 | | Coding Scheme Note 21_BG3 |
| 178 | N23_HT | Num | 8 | | Coding Scheme Note 23_HT |
| 179 | N23_WT | Num | 8 | | Coding Scheme Note 23_WT |
| 181 | N24_BJ1 | Num | 8 | | Coding Scheme Note 24_BJ1 |
| 182 | N24_BJ2 | Num | 8 | | Coding Scheme Note 24_BJ2 |
| 160 | N8_01 | Num | 8 | | Coding Scheme Note 8_01 |
| 7 | NHFF | Num | 8 | | NHFF - Stratum Sample Size |
| 145 | ONTIME | Char | 3 | | Responded Within 8 weeks of Mail-Out |
| 201 | OUTCATCH | Num | 8 | OCATCH. | Out of catchment area indicator |
| 19 | PATCAT | Char | 7 | \$AGGBCAT. | Aggregated Beneficiary Category |
| 16 | PCM | Char | 3 | \$PCM. | Primary Manager Code (CIV or MIL) |
| 13 | PNSEXCD | Char | 1 | \$SEXCD. | Person Gender |
| 20 | PNTYPECD | Char | 1 | \$PNTYPECD. | Person Type Code |
| 219 | POSTCELL | Char | 5 | | ps cell for new wts - for all 3 quarters |
| 8 | QUARTER | Char | 8 | | Survey Quarter |
| 12 | RACEETHN | Char | 1 | \$XRACECD. | Race/Ethnic Code |
| 14 | RDAGEQY | Num | 3 | XAGE_R. | Age at sampling-Capped(18 and below, 65 and above) |
| 15 | RFLDAGE | Num | 3 | XAGE_R. | Age at fielding-Capped(18 and below, 65 and above) |
| 119 | S20009 | Num | 4 | YN. | Same prsnl doctor/nurse before this hlth plan |
| 120 | S20010 | Num | 4 | PROB1_. | Prblm getting prsnl doctor/nurse you are happy with |
| 121 | S20011 | Num | 4 | AGREE2_. | Agree/disagree: able to see provider when needed |
| 122 | S20014 | Num | 4 | SATISFY. | How satisfied with health care during last visit |
| 123 | S20B01 | Num | 4 | MNTLHLTH. | Self rate of overall mental/emotional health |
| 124 | S20B02 | Num | 4 | YN. | Lst yr: needed treatmnt/cnslng-prsnl prob |
| 125 | S20B03 | Num | 4 | PROB1_. | Lst yr: prblm gttnng needed treatmnt/cnslng |
| 126 | S20B04 | Num | 4 | RATE5_. | Lst yr: rate of treatmnt/cnslng received |
| 127 | S20BF4 | Num | 4 | TIME15_. | Often do you use e-cigarettes |
| 128 | S20BG01 | Num | 4 | NUM_NONE. | How many days was phys health not good in past 30 days |
| 129 | S20BG02 | Num | 4 | NUM_NONE. | How many days was mental health not good in past 30 days |
| 130 | S20BG03 | Num | 4 | NUM_NONE. | How many days did poor health stop usual activities in past 30 days |
| 131 | S20BJ01 | Num | 4 | YN. | Do you have any children under the age of 18 living at home with you? |
| 132 | S20BJ02 | Num | 4 | PROB1_. | How much of a problem is it for you to make child care arrangements? |
| 133 | S20BJ03 | Num | 4 | CONCERN. | How concerned are you about your child's/children's education? |
| 134 | S20BJ04 | Num | 4 | CONCERN. | How concerned are you about: Your health problems? |
| 135 | S20BJ05 | Num | 4 | CONCERN. | How concerned are you about: The health problems of a family member? |

| | | | | | |
|-----|----------|------|---|------------|---|
| 136 | S20BJ06 | Num | 4 | CONCERN. | How concerned are you about: Managing household expenses? |
| 137 | S20BJ07 | Num | 4 | CONCERN. | How concerned are you about: Major financial hardship or bankruptcy in your family? |
| 138 | S20BJ08 | Num | 4 | CONCERN. | How concerned are you about: The demands of your job? |
| 139 | S20BJ09 | Num | 4 | CONCERN. | How concerned are you about: The demands of going to school? |
| 140 | S20BJ10 | Num | 4 | YN. | Are you married? |
| 141 | S20BJ11 | Num | 4 | CONCERN. | How concerned are you about: Poor communication with your spouse? |
| 142 | S20BJ12 | Num | 4 | CONCERN. | How concerned are you about: Arguments with your spouse? |
| 143 | S20BJ13 | Num | 4 | CONCERN. | How concerned are you about: Marital problems between you and your spouse? |
| 144 | S20BJ14 | Num | 4 | YN. | Has your spouse been on deployment during the past 30 days? |
| 3 | SEXSMPL | Num | 8 | SEX. | SEXSMPL - Sex |
| 118 | SRAGE | Num | 4 | AGEGRP. | What is your age now |
| 108 | SREDA | Num | 4 | XEDUC. | Highest grade completed |
| 114 | SRRACEA | Num | 4 | MARKED. | Race: White |
| 115 | SRRACEB | Num | 4 | MARKED. | Race: Black or African American |
| 116 | SRRACEC | Num | 4 | MARKED. | Race: American Indian or Alaska Native or Native Hawaiian/other Pacific Isl. |
| 117 | SRRACED | Num | 4 | MARKED. | Race: Asian |
| 4 | STRATUM | Char | 7 | | Sampling STRATUM |
| 151 | SURVTYPE | Num | 8 | SURVTYPE. | Web or Mail Survey |
| 2 | SVCSMPL | Num | 8 | SVCSMPL. | SVCSMPL - Branch of Service |
| 10 | TNEXREG | Char | 1 | \$TNEXREG. | TNEX Region - Based on Address |
| 199 | USA | Num | 3 | USAMHS. | USA - USA/OCONUS Indicator |
| 150 | WEB | Num | 8 | WEB. | Web survey indicator |
| 194 | XBENCAT | Num | 8 | XBENCAT. | Beneficiary Category |
| 203 | XBMICAT | Num | 3 | XBMICAT. | Body Mass Index Category |
| 204 | XBNFGRP | Num | 8 | XBGC_S. | Beneficiary Group |
| 192 | XENR_PCM | Num | 8 | PCM. | Enrollment by PCM type |
| 195 | XENR_RSV | Num | 8 | XENRRSV. | Enrollment by PCM type - Reservist |
| 191 | XENRLMT | Num | 8 | ENROLL. | Enrollment in TRICARE Prime |
| 193 | XINS_COV | Num | 8 | INSURE. | Insurance Coverage |
| 196 | XINS_RSV | Num | 8 | XINSRSV. | Insurance Coverage - Reservist |
| 200 | XOCONUS | Num | 3 | XOCONUS. | Overseas Europe/Pacific/Latin Indicator |
| 197 | XREGION | Num | 3 | CREG. | XREGION - Region |
| 205 | XSERVAFF | Num | 3 | XSERVAFF. | Service Affiliation |
| 202 | XSEX | Num | 8 | HASEX. | Male or Female - R |
| 198 | XTNEXRG2 | Num | 3 | TNEX2_. | Revised TNEX Region - Definitions changed as of FY2019 |

APPENDIX F

SAS PROC CONTENTS—CREATION ORDER 2020 ADULT HCSDB—QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

The CONTENTS Procedure

| | | | |
|---------------------|---------------------------|-----------------------|------|
| Data Set Name | IN.HCS202_1 | Observations | 8541 |
| Member Type | DATA | Variables | 280 |
| Engine | V9 | Indexes | 0 |
| Created | 06/09/2020 10:29:53 | Observation Length | 1620 |
| Last Modified | 06/09/2020 10:29:53 | Deleted Observations | 0 |
| Protection | | Compressed | CHAR |
| Data Set Type | | Reuse Space | NO |
| Label | | Point to Observations | YES |
| Data Representation | WINDOWS_64 | Sorted | NO |
| Encoding | wlatin1 Western (Windows) | | |

Engine/Host Dependent Information

| | |
|----------------------------|---|
| Data Set Page Size | 69632 |
| Number of Data Set Pages | 160 |
| Number of Data Set Repairs | 0 |
| ExtendObsCounter | YES |
| Filename | /sasdata/Projects/50713_HCS/DATA/HCSDB/Q2FY2020/Data/AFinal/fmtlib/WindowsVersionForDHA/hcs202_1.sas7bdat |
| Release Created | 9.0401M3 |
| Host Created | X64_8PRO |
| Inode Number | 1000773089 |
| Access Permission | rw-rwx--- |
| Owner Name | root |
| File Size | 11MB |
| File Size (bytes) | 11210752 |

Variables in Creation Order

| # | Variable | Type | Len | Format | Informat | Label |
|----|----------|------|-----|------------|----------|---|
| 1 | MPRID | Char | 8 | \$8. | \$8. | Unique MPR Identifier |
| 2 | SVCSMPL | Num | 8 | SVCSMPL. | | SVCSMPL - Branch of Service |
| 3 | SEXSMPL | Num | 8 | SEX. | | SEXSMPL - Sex |
| 4 | STRATUM | Char | 7 | | | Sampling STRATUM |
| 5 | ENBGSMPL | Char | 2 | \$ENBGS. | | Enrollment by beneficiary category |
| 6 | MPCSMPL | Num | 8 | MPCSMPL. | | MPCSMPL - Military Personnel Category |
| 7 | NHFF | Num | 8 | | | NHFF - Stratum Sample Size |
| 8 | QUARTER | Char | 8 | | | Survey Quarter |
| 9 | D_HEALTH | Char | 2 | \$DHEALTH. | | Health Service Region |
| 10 | TNEXREG | Char | 1 | \$TNEXREG. | | TNEX Region - Based on Address |
| 11 | BWT | Num | 8 | | | BWT - Basic Sampling Weight |
| 12 | RACEETHN | Char | 1 | \$XRACECD. | | Race/Ethnic Code |
| 13 | PNSEXCD | Char | 1 | \$SEXCD. | | Person Gender |
| 14 | RDAGEQY | Num | 3 | XAGE_R. | | Age at sampling-Capped(18 and below, 65 and above) |
| 15 | RFLDAGE | Num | 3 | XAGE_R. | | Age at fielding-Capped(18 and below, 65 and above) |
| 16 | PCM | Char | 3 | \$PCM. | | Primary Manager Code (CIV or MIL) |
| 17 | DBENCAT | Char | 3 | \$BENCAT. | | Beneficiary Category |
| 18 | DSPONSVC | Char | 1 | \$SPONSVC. | | Derived Sponsor Branch of Service |
| 19 | PATCAT | Char | 7 | \$AGGBCAT. | | Aggregated Beneficiary Category |
| 20 | PNTYPCD | Char | 1 | \$PNTYPCD. | | Person Type Code |
| 21 | DELGENRC | Char | 3 | \$DELGEN. | | DEERS Eligibility-Enrollment Code |
| 22 | DENRGRPC | Char | 1 | \$DENRGR. | | DEERS Enroll Group Code |
| 23 | H20001 | Num | 4 | YN. | | Are you the person listed on envelope |
| 24 | H20002A | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Prime |
| 25 | H20002C | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Select |
| 26 | H20002N | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Plus |
| 27 | H20002O | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE For Life |
| 28 | H20002P | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Supplmntl Ins |
| 29 | H20002Q | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Reserve Select |
| 30 | H20002S | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Retired Reserve |
| 31 | H20002T | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Young Adult Prime |
| 32 | H20002V | Num | 4 | MARKED. | | Health plan(s) covered: TRICARE Young Adult Select |
| 33 | H20002K | Num | 4 | MARKED. | | Health plan(s) covered: USFHP |
| 34 | H20002U | Num | 4 | MARKED. | | Health plan(s) covered: CHCBP |
| 35 | H20002F | Num | 4 | MARKED. | | Health plan(s) covered: Medicare |
| 36 | H20002G | Num | 4 | MARKED. | | Health plan(s) covered: FEHBP |
| 37 | H20002H | Num | 4 | MARKED. | | Health plan(s) covered: Medicaid or other state insurance |
| 38 | H20002I | Num | 4 | MARKED. | | Health plan(s) covered: civilian HMO |
| 39 | H20002J | Num | 4 | MARKED. | | Health plan(s) covered: other civilian |
| 40 | H20002M | Num | 4 | MARKED. | | Health plan(s) covered: veterans |
| 41 | H20002R | Num | 4 | MARKED. | | Health plan(s) covered: gov hlth ins-other cntry |
| 42 | H20002L | Num | 4 | MARKED. | | Health plan(s) covered: not sure |
| 43 | H20003 | Num | 4 | HPLAN1_. | | Which health plan did you use most |
| 44 | H20004 | Num | 4 | HPTIME_. | | Yrs in a row with health plan |
| 45 | H20005 | Num | 4 | PLACE. | | In 1st yr:fclty use most for health care |
| 46 | H20006 | Num | 4 | YN. | | In 1st yr:ill/injry/cond care right away |
| 47 | H20007 | Num | 4 | OFTEN2_. | | In 1st yr:get urgnt care as soon as wntd |
| 48 | H20008 | Num | 4 | TIME1_. | | In 1st yr:wait btwn try get care,see prv |
| 49 | H20009 | Num | 4 | YN. | | In 1st yr:make appts non-urgnt hlth care |
| 50 | H20010 | Num | 4 | OFTEN3_. | | In 1st yr:non-urg hlth cre appt whn wntd |
| 51 | H20011 | Num | 4 | TIME2_. | | In 1st yr:days btwn appt & see prvder |
| 52 | H20012 | Num | 4 | OFTEN4_. | | In 1st yr:go to emrgncy rm for own care |

| | | | | | |
|----|--------|-----|---|-----------|---|
| 53 | H20013 | Num | 4 | OFTEN4_. | In lst yr:go to Dr office/clinic for care |
| 54 | H20014 | Num | 4 | OFTEN8_. | Lst yr: how often talk to doctor about illness prvntn |
| 55 | H20015 | Num | 4 | YN. | Lst yr: did doctor tell you more than 1 choice for trtmnt |
| 56 | H20016 | Num | 4 | YNDEF. | Lst yr: did talk to doctor about pros/cons of trtmnt |
| 57 | H20017 | Num | 4 | YNDEF. | Lst yr: did doctor ask which trtmnt option best for you |
| 58 | H20018 | Num | 4 | RATE3_. | Rating of all health care in lst yr |
| 59 | H20019 | Num | 4 | YN. | Have one person think of as personal Dr |
| 60 | H20020 | Num | 4 | OFTEN10_. | Lst yr: how often visit prsnl doctor for care for yourself |
| 61 | H20021 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs listen to you |
| 62 | H20022 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs explain things |
| 63 | H20023 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs show respect |
| 64 | H20024 | Num | 4 | OFTEN5_. | Lst yr: how oftn Drs spend enough time |
| 65 | H20025 | Num | 4 | YN. | Lst yr: did get care from doctor other than prsnl doctor |
| 66 | H20026 | Num | 4 | OFTEN8_. | Lst yr: how often prsnl doctor seemed infrmd of care from other doctors |
| 67 | H20027 | Num | 4 | RATE6_. | Rating of your personal Dr |
| 68 | H20028 | Num | 4 | YN. | Lst yr: did make any appointments to see spclst |
| 69 | H20029 | Num | 4 | OFTEN9_. | Lst yr: how often easy to get appointments with spclsts |
| 70 | H20030 | Num | 4 | SPCLST. | Lst yr: how many spclsts seen |
| 71 | H20031 | Num | 4 | RATE2_. | Rating of specialist seen in lst yr |
| 72 | H20033 | Num | 4 | OFTEN11_. | Lst yr: how often easy to get care, test, or trtmnt |
| 73 | H20034 | Num | 4 | YN. | Lst yr: did look for info from written material/Internet |
| 74 | H20035 | Num | 4 | OFTEN12_. | Lst yr: how often written material/Internet provide needed info |
| 75 | H20036 | Num | 4 | YN. | Lst yr: did look for info from health plan on cost of service/equipment |
| 76 | H20037 | Num | 4 | OFTEN13_. | Lst yr: how often able to find out cost of service/equipment |
| 77 | H20038 | Num | 4 | YN. | Lst yr: did look for info from health plan on cost of prescription meds |
| 78 | H20039 | Num | 4 | OFTEN14_. | Lst yr: how often able to find out cost of prescription meds |
| 79 | H20040 | Num | 4 | YN. | Lst yr: did try to get info/help from health plan's cstmr service |
| 80 | H20041 | Num | 4 | OFTEN15_. | Lst yr: how often did cstmr service give needed info/help |
| 81 | H20042 | Num | 4 | OFTEN15_. | Lst yr: how often did cstmr service treat with courtesy/respect |
| 82 | H20043 | Num | 4 | YN. | Lst yr: did health plan give any forms to fill out |
| 83 | H20044 | Num | 4 | OFTEN16_. | Lst yr: how often were forms easy to fill out |
| 84 | H20045 | Num | 4 | YNDNK. | Lst yr: send in any claims |
| 85 | H20046 | Num | 4 | OFTEN6_. | Lst yr: how often did health plan handle claims quickly |
| 86 | H20047 | Num | 4 | OFTEN6_. | Lst yr: how oftn handle claims correctly |
| 87 | H20048 | Num | 4 | RATE4_. | Rating of all experience with hlth plan |
| 88 | H20049 | Num | 4 | TIME5_. | Blood pressure: when lst reading |
| 89 | H20050 | Num | 4 | YNBP_. | Blood pressure: know if too high or not |
| 90 | H20051 | Num | 4 | TIME7_. | When did you lst have a flu shot |
| 91 | H20052 | Num | 4 | YNDNK. | Smoked at least 100 cigarettes in life |
| 92 | H20053 | Num | 4 | TIME8_. | Smoke or use tobacco everyday, some days or not at all |
| 93 | H20054 | Num | 4 | OFTEN8_. | Lst yr: how often advised to quit smoking or use tobacco |
| 94 | H20055 | Num | 4 | OFTEN8_. | Lst yr: how often recom medic assist quit smoking or using tobacco |

| | | | | | |
|-----|---------|-----|---|-----------|--|
| 95 | H20056 | Num | 4 | OFTEN8_. | Lst yr: how often discu meth/strag |
| 96 | H20057A | Num | 4 | MARKED. | asst quit smoking or using tobacco |
| 97 | H20057B | Num | 4 | MARKED. | Do you smoke or use: cigarettes |
| 98 | H20057C | Num | 4 | MARKED. | Do you smoke or use: dip, chewing |
| 99 | H20057D | Num | 4 | MARKED. | tobacco, snuff, or snus |
| 100 | H20058 | Num | 4 | SEX. | Do you smoke or use: cigars |
| 101 | H20059B | Num | 4 | TIME16_. | Do you smoke or use: pipes, bidis, or |
| 102 | H20060 | Num | 4 | YN. | kreteks |
| 103 | H20061 | Num | 4 | TIME12_. | Are you male or female |
| 104 | H20062 | Num | 4 | YNPREG. | Lst have a Pap smear test |
| 105 | H20063 | Num | 4 | PREG1_. | Are you under age 40 |
| 106 | H20064 | Num | 4 | PREG2_. | Lst time: breasts checked mammography |
| 107 | H20065 | Num | 4 | HEALTH. | Been pregnant in lst yr or pregnant |
| 108 | SREDA | Num | 4 | XEDUC. | now |
| 109 | H20073 | Num | 4 | XHISP. | In what trimester is your pregnancy |
| 110 | H20073A | Num | 4 | MARKED. | Trimester first received prenatal care |
| 111 | H20073B | Num | 4 | MARKED. | In gnrl, how would you rate ovrrall |
| 112 | H20073C | Num | 4 | MARKED. | hlth |
| 113 | H20073D | Num | 4 | MARKED. | Highest grade completed |
| 114 | SRRACEA | Num | 4 | MARKED. | Are you Spanish/Hispanic/Latino |
| 115 | SRRACEB | Num | 4 | MARKED. | Not Spanish/Hispanic/Latino |
| 116 | SRRACEC | Num | 4 | MARKED. | Mexican, Mexican American, Chicano |
| 117 | SRRACED | Num | 4 | MARKED. | Puerto Rican |
| 118 | SRAGE | Num | 4 | AGEGRP. | Cuban or Other Spanish, Hispanic, or |
| 119 | S20009 | Num | 4 | YN. | Latino |
| 120 | S20010 | Num | 4 | PROB1_. | Race: White |
| 121 | S20011 | Num | 4 | AGREE2_. | Race: Black or African American |
| 122 | S20014 | Num | 4 | SATISFY. | Race: American Indian or Alaska Native |
| 123 | S20B01 | Num | 4 | MNTLHLTH. | or Native Hawaiian/other Pacific Isl. |
| 124 | S20B02 | Num | 4 | YN. | Race: Asian |
| 125 | S20B03 | Num | 4 | PROB1_. | What is your age now |
| 126 | S20B04 | Num | 4 | RATE5_. | Same prsnl doctor/nurse before this |
| 127 | S20BF4 | Num | 4 | TIME15_. | hlth plan |
| 128 | S20BG01 | Num | 4 | NUM_NONE. | Prblm getting prsnl doctor/nurse you |
| 129 | S20BG02 | Num | 4 | NUM_NONE. | are happy with |
| 130 | S20BG03 | Num | 4 | NUM_NONE. | Agree/disagree: able to see provider |
| 131 | S20BJ01 | Num | 4 | YN. | when needed |
| 132 | S20BJ02 | Num | 4 | PROB1_. | How satisfied with health care during |
| 133 | S20BJ03 | Num | 4 | CONCERN. | last visit |
| 134 | S20BJ04 | Num | 4 | CONCERN. | Self rate of overall mental/emotional |
| 135 | S20BJ05 | Num | 4 | CONCERN. | health |
| 136 | S20BJ06 | Num | 4 | CONCERN. | Lst yr: needed treatmnt/cnslng-prsnl |
| 137 | S20BJ07 | Num | 4 | CONCERN. | prob |
| 138 | S20BJ08 | Num | 4 | CONCERN. | Lst yr: prblm gttnng needed |
| 139 | S20BJ09 | Num | 4 | CONCERN. | treatmnt/cnslng |

| | | | | | |
|-----|----------|------|---|-----------|--|
| 140 | S20BJ10 | Num | 4 | YN. | Are you married? |
| 141 | S20BJ11 | Num | 4 | CONCERN. | How concerned are you about: Poor communication with your spouse? |
| 142 | S20BJ12 | Num | 4 | CONCERN. | How concerned are you about: Arguments with your spouse? |
| 143 | S20BJ13 | Num | 4 | CONCERN. | How concerned are you about: Marital problems between you and your spouse? |
| 144 | S20BJ14 | Num | 4 | YN. | Has your spouse been on deployment during the past 30 days? |
| 145 | ONTIME | Char | 3 | | Responded Within 8 weeks of Mail-Out |
| 146 | FLAG_FIN | Char | 5 | \$FINAL. | Final Disposition |
| 147 | DUPFLAG | Char | 3 | | Multiple Response Indicator |
| 148 | FNSTATUS | Num | 8 | FNSTATS. | Final Status |
| 149 | KEYCOUNT | Num | 8 | | # Key Questions Answered |
| 150 | WEB | Num | 8 | WEB. | Web survey indicator |
| 151 | SURVTYPE | Num | 8 | SURVTYPE. | Web or Mail Survey |
| 152 | N1 | Num | 8 | | Coding Scheme Note 1 |
| 153 | N2 | Num | 8 | | Coding Scheme Note 2 |
| 154 | N3 | Num | 8 | | Coding Scheme Note 3 |
| 155 | N4 | Num | 8 | | Coding Scheme Note 4 |
| 156 | N5 | Num | 8 | | Coding Scheme Note 5 |
| 157 | N6 | Num | 8 | | Coding Scheme Note 6 |
| 158 | N7 | Num | 8 | | Coding Scheme Note 7 |
| 159 | N8 | Num | 8 | | Coding Scheme Note 8 |
| 160 | N8_01 | Num | 8 | | Coding Scheme Note 8_01 |
| 161 | N9 | Num | 8 | | Coding Scheme Note 9 |
| 162 | N10 | Num | 8 | | Coding Scheme Note 10 |
| 163 | N10_B1 | Num | 8 | | Coding Scheme Note 10_B1 |
| 164 | N12 | Num | 8 | | Coding Scheme Note 12 |
| 165 | N13 | Num | 8 | | Coding Scheme Note 13 |
| 166 | N14 | Num | 8 | | Coding Scheme Note 14 |
| 167 | N15 | Num | 8 | | Coding Scheme Note 15 |
| 168 | N16 | Num | 8 | | Coding Scheme Note 16 |
| 169 | N17 | Num | 8 | | Coding Scheme Note 17 |
| 170 | N18 | Num | 8 | | Coding Scheme Note 18 |
| 171 | N19A | Num | 8 | | Coding Scheme Note 19A |
| 172 | N19B | Num | 8 | | Coding Scheme Note 19B |
| 173 | N20 | Num | 8 | | Coding Scheme Note 20 |
| 174 | N21 | Num | 8 | | Coding Scheme Note 21 |
| 175 | N21_BG1 | Num | 8 | | Coding Scheme Note 21_BG1 |
| 176 | N21_BG2 | Num | 8 | | Coding Scheme Note 21_BG2 |
| 177 | N21_BG3 | Num | 8 | | Coding Scheme Note 21_BG3 |
| 178 | N23_HT | Num | 8 | | Coding Scheme Note 23_HT |
| 179 | N23_WT | Num | 8 | | Coding Scheme Note 23_WT |
| 180 | N24 | Num | 8 | | Coding Scheme Note 24 |
| 181 | N24_BJ1 | Num | 8 | | Coding Scheme Note 24_BJ1 |
| 182 | N24_BJ2 | Num | 8 | | Coding Scheme Note 24_BJ2 |
| 183 | MISS_1 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): violates skip pattern |
| 184 | MISS_4 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): incomplete grid error |
| 185 | MISS_5 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): scalable response of don't know |
| 186 | MISS_6 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): not applicable - valid skip |
| 187 | MISS_7 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): out-of-range error |
| 188 | MISS_9 | Num | 8 | HAMISS. | Count of original survey responses (pre-cleaning): no response - invalid skip |
| 189 | MISS_TOT | Num | 8 | HAMISS. | Total number of missing responses (pre-cleaning) |
| 190 | DHAFLAG | Num | 3 | DHAFLAG. | DHA Flag |
| 191 | XENRLMT | Num | 8 | ENROLL. | Enrollment in TRICARE Prime |
| 192 | XENR_PCM | Num | 8 | PCM. | Enrollment by PCM type |
| 193 | XINS_COV | Num | 8 | INSURE. | Insurance Coverage |
| 194 | XBENCAT | Num | 8 | XBENCAT. | Beneficiary Category |
| 195 | XENR_RSV | Num | 8 | XENRRSV. | Enrollment by PCM type - Reservist |
| 196 | XINS_RSV | Num | 8 | XINSRSV. | Insurance Coverage - Reservist |
| 197 | XREGION | Num | 3 | CREG. | XREGION - Region |

| | | | | | |
|-----|----------|------|---|-----------|--|
| 198 | XTNEXRG2 | Num | 3 | TNEX2_. | Revised TNEX Region - Definitions changed as of FY2019 |
| 199 | USA | Num | 3 | USAMHS. | USA - USA/OCONUS Indicator |
| 200 | XOCONUS | Num | 3 | XOCONUS. | Overseas Europe/Pacific/Latin Indicator |
| 201 | OUTCATCH | Num | 8 | OCATCH. | Out of catchment area indicator |
| 202 | XSEXA | Num | 8 | HASEX. | Male or Female - R |
| 203 | XBMICAT | Num | 3 | XBMICAT. | Body Mass Index Category |
| 204 | XBNFGRP | Num | 8 | XBGC_S. | Beneficiary Group |
| 205 | XSERVAFF | Num | 3 | XSERVAFF. | Service Affiliation |
| 206 | KMILOPQY | Num | 8 | HAGRID. | Outpat. visits-use Military fclty most |
| 207 | KCIVOPQY | Num | 8 | HAGRID. | Outpat. visits-use Civilian fclty most |
| 208 | KCIVINS | Num | 8 | HAYNN2_. | Beneficiary covered by civilian insurance |
| 209 | HP_PRNTL | Num | 8 | PRNTL. | Prgnt in 1st yr, receivd cre 1st trimstr |
| 210 | HP_MAMOG | Num | 8 | HAYNN. | Women 40>=, mammography in pst 2 yrs |
| 211 | HP_MAM50 | Num | 8 | HAYNN. | Women 50>=, mammography in pst 2 yrs |
| 212 | HP_PAP | Num | 8 | HAYNN. | All women, Pap smear in last 3 yrs |
| 213 | HP_BP | Num | 8 | HAYNN2_. | Bld prsre chck in last 2 yrs, know rslts |
| 214 | HP_FLU | Num | 8 | HAYNN. | 65 and older, flu shot in last 12 mnths |
| 215 | HP_OBESE | Num | 8 | HAYNN. | Obese/Morbidly obese |
| 216 | HP_SMOKE | Num | 8 | HAYNN. | Advised to quit smoking in last 12 mnths |
| 217 | HP_SMKH3 | Num | 8 | SMOKE. | Smoker under HEDIS definition (modified) |
| 218 | HP_CESH3 | Num | 8 | SMOKE. | Had smoking cessation counseling - HEDIS (modified) |
| 219 | POSTCELL | Char | 5 | | ps cell for new wts - for all 3 quarters |
| 220 | FWRWT1 | Num | 8 | | Replicated/JackKnife NEW Weight 1 |
| 221 | FWRWT2 | Num | 8 | | Replicated/JackKnife NEW Weight 2 |
| 222 | FWRWT3 | Num | 8 | | Replicated/JackKnife NEW Weight 3 |
| 223 | FWRWT4 | Num | 8 | | Replicated/JackKnife NEW Weight 4 |
| 224 | FWRWT5 | Num | 8 | | Replicated/JackKnife NEW Weight 5 |
| 225 | FWRWT6 | Num | 8 | | Replicated/JackKnife NEW Weight 6 |
| 226 | FWRWT7 | Num | 8 | | Replicated/JackKnife NEW Weight 7 |
| 227 | FWRWT8 | Num | 8 | | Replicated/JackKnife NEW Weight 8 |
| 228 | FWRWT9 | Num | 8 | | Replicated/JackKnife NEW Weight 9 |
| 229 | FWRWT10 | Num | 8 | | Replicated/JackKnife NEW Weight 10 |
| 230 | FWRWT11 | Num | 8 | | Replicated/JackKnife NEW Weight 11 |
| 231 | FWRWT12 | Num | 8 | | Replicated/JackKnife NEW Weight 12 |
| 232 | FWRWT13 | Num | 8 | | Replicated/JackKnife NEW Weight 13 |
| 233 | FWRWT14 | Num | 8 | | Replicated/JackKnife NEW Weight 14 |
| 234 | FWRWT15 | Num | 8 | | Replicated/JackKnife NEW Weight 15 |
| 235 | FWRWT16 | Num | 8 | | Replicated/JackKnife NEW Weight 16 |
| 236 | FWRWT17 | Num | 8 | | Replicated/JackKnife NEW Weight 17 |
| 237 | FWRWT18 | Num | 8 | | Replicated/JackKnife NEW Weight 18 |
| 238 | FWRWT19 | Num | 8 | | Replicated/JackKnife NEW Weight 19 |
| 239 | FWRWT20 | Num | 8 | | Replicated/JackKnife NEW Weight 20 |
| 240 | FWRWT21 | Num | 8 | | Replicated/JackKnife NEW Weight 21 |
| 241 | FWRWT22 | Num | 8 | | Replicated/JackKnife NEW Weight 22 |
| 242 | FWRWT23 | Num | 8 | | Replicated/JackKnife NEW Weight 23 |
| 243 | FWRWT24 | Num | 8 | | Replicated/JackKnife NEW Weight 24 |
| 244 | FWRWT25 | Num | 8 | | Replicated/JackKnife NEW Weight 25 |
| 245 | FWRWT26 | Num | 8 | | Replicated/JackKnife NEW Weight 26 |
| 246 | FWRWT27 | Num | 8 | | Replicated/JackKnife NEW Weight 27 |
| 247 | FWRWT28 | Num | 8 | | Replicated/JackKnife NEW Weight 28 |
| 248 | FWRWT29 | Num | 8 | | Replicated/JackKnife NEW Weight 29 |
| 249 | FWRWT30 | Num | 8 | | Replicated/JackKnife NEW Weight 30 |
| 250 | FWRWT31 | Num | 8 | | Replicated/JackKnife NEW Weight 31 |
| 251 | FWRWT32 | Num | 8 | | Replicated/JackKnife NEW Weight 32 |
| 252 | FWRWT33 | Num | 8 | | Replicated/JackKnife NEW Weight 33 |
| 253 | FWRWT34 | Num | 8 | | Replicated/JackKnife NEW Weight 34 |
| 254 | FWRWT35 | Num | 8 | | Replicated/JackKnife NEW Weight 35 |
| 255 | FWRWT36 | Num | 8 | | Replicated/JackKnife NEW Weight 36 |
| 256 | FWRWT37 | Num | 8 | | Replicated/JackKnife NEW Weight 37 |
| 257 | FWRWT38 | Num | 8 | | Replicated/JackKnife NEW Weight 38 |
| 258 | FWRWT39 | Num | 8 | | Replicated/JackKnife NEW Weight 39 |
| 259 | FWRWT40 | Num | 8 | | Replicated/JackKnife NEW Weight 40 |
| 260 | FWRWT41 | Num | 8 | | Replicated/JackKnife NEW Weight 41 |

| | | | | | | | |
|-----|---------|-----|---|----------------------|-----|--------|----|
| 261 | FWRWT42 | Num | 8 | Replicated/JackKnife | NEW | Weight | 42 |
| 262 | FWRWT43 | Num | 8 | Replicated/JackKnife | NEW | Weight | 43 |
| 263 | FWRWT44 | Num | 8 | Replicated/JackKnife | NEW | Weight | 44 |
| 264 | FWRWT45 | Num | 8 | Replicated/JackKnife | NEW | Weight | 45 |
| 265 | FWRWT46 | Num | 8 | Replicated/JackKnife | NEW | Weight | 46 |
| 266 | FWRWT47 | Num | 8 | Replicated/JackKnife | NEW | Weight | 47 |
| 267 | FWRWT48 | Num | 8 | Replicated/JackKnife | NEW | Weight | 48 |
| 268 | FWRWT49 | Num | 8 | Replicated/JackKnife | NEW | Weight | 49 |
| 269 | FWRWT50 | Num | 8 | Replicated/JackKnife | NEW | Weight | 50 |
| 270 | FWRWT51 | Num | 8 | Replicated/JackKnife | NEW | Weight | 51 |
| 271 | FWRWT52 | Num | 8 | Replicated/JackKnife | NEW | Weight | 52 |
| 272 | FWRWT53 | Num | 8 | Replicated/JackKnife | NEW | Weight | 53 |
| 273 | FWRWT54 | Num | 8 | Replicated/JackKnife | NEW | Weight | 54 |
| 274 | FWRWT55 | Num | 8 | Replicated/JackKnife | NEW | Weight | 55 |
| 275 | FWRWT56 | Num | 8 | Replicated/JackKnife | NEW | Weight | 56 |
| 276 | FWRWT57 | Num | 8 | Replicated/JackKnife | NEW | Weight | 57 |
| 277 | FWRWT58 | Num | 8 | Replicated/JackKnife | NEW | Weight | 58 |
| 278 | FWRWT59 | Num | 8 | Replicated/JackKnife | NEW | Weight | 59 |
| 279 | FWRWT60 | Num | 8 | Replicated/JackKnife | NEW | Weight | 60 |
| 280 | FWRWT | Num | 8 | Final | NEW | Weight | |

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

APPENDIX G

RESPONSE RATE TABLES – QUARTER II

THIS PAGE HAS BEEN LEFT BLANK FOR DOUBLE-SIDED COPYING.

TABLE G.1

RESPONSE RATES BY ENROLLMENT AND BENEFICIARY CATEGORY– QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|-------------------------------|-----------------------------|---------------------------|
| Active Duty | 12.7 | 10.7 |
| Active Duty fam,Prime,civ PCM | 3.9 | 4 |
| Active Duty fam,Prime,mil PCM | 3.5 | 3.6 |
| Active Duty fam,non-enrollee | 2.8 | 2.8 |
| Retired,<65,civ PCM | 14.4 | 13.9 |
| Retired,<65,mil PCM | 12.2 | 12.2 |
| Retired,<65,non-enrollee | 9.8 | 12.4 |
| Retired,65+,enrolled | 28.8 | 28.8 |
| Retired,65+,non-enrollee | 24.1 | 24.1 |
| TRICARE Reserve Select | 5.6 | 7.9 |

TABLE G.2

RESPONSE RATES BY XOCONUS – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|----------------------|-----------------------------|---------------------------|
| In US/Missing Region | 8.6 | 15.0 |
| Europe | 9.3 | 13.8 |
| Western Pacific | 7.0 | 9.0 |
| Latin America | 9.0 | 11.1 |

TABLE G.3

RESPONSE RATES BY SEX – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|--------|-----------------------------|---------------------------|
| Male | 11.4 | 17.0 |
| Female | 6.5 | 12.5 |

TABLE G.4

RESPONSE RATES BY CONUS/OCONUS INDICATOR – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|-----------------|-----------------------------|---------------------------|
| Invalid/Missing | 7.2 | 10.4 |
| Not in USA | 8.5 | 11.2 |
| In USA | 8.6 | 15.1 |

TABLE G.5

RESPONSE RATES BY BENEFICIARY CATEGORY – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|--|-----------------------------|---------------------------|
| Active Duty and Guard/Reserve | 12.6 | 10.7 |
| Dependent of Active Duty & Guard/Reserve | 3.5 | 3.6 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | 24.7 | 24.7 |
| Retiree/Depend of Retiree/Survivor/Other <65 | 11.9 | 12.7 |

TABLE G.6

RESPONSE RATES BY SAMPLING CATCHMENT AREA - QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|--------------------------------|-----------------------------|---------------------------|
| Fox AHC-Redstone Arsenal | 11.3 | 12.5 |
| Lyster AHC-Ft. Rucker | 9.1 | 11.4 |
| 42nd Medical Group-Maxwell | 11.6 | 12.6 |
| Bassett ACH-Ft. Wainwright | 5.5 | 8.2 |
| 673rd Med Grp-Elmendorf | 10.1 | 11.1 |
| R W Bliss AHC-Ft. Huachuca | 13.7 | 11.0 |
| 56th Med Grp-Luke | 9.2 | 15.0 |
| 355th Med Grp-Davis Monthan | 10.5 | 11.4 |
| 60th Med Grp-Travis | 8.5 | 16.3 |
| 95th Med Grp-Edwards | 10.0 | 11.0 |
| NH Camp Pendleton | 5.1 | 5.5 |
| NBHC Port Hueneme | 1.8 | 2.8 |
| NH LeMoore | 7.7 | 9.9 |
| NMC San Diego | 5.4 | 9.0 |
| NH Twentynine Palms | 5.6 | 17.5 |
| Evans ACH-Ft. Carson | 6.0 | 10.7 |
| 10th Med Group-USAF Academy CO | 8.3 | 21.1 |
| NH Pensacola | 8.2 | 13.7 |
| NH Jacksonville | 5.3 | 11.6 |
| 96th Med Grp-Eglin | 9.3 | 15.5 |
| 325th Med Grp-Tyndall | 13.9 | 15.8 |
| 6th Med Grp-MacDill | 10.5 | 14.2 |
| 45th Med Grp-Patrick | 11.9 | 12.5 |
| Eisenhower AMC-Ft. Gordon | 8.5 | 19.7 |
| Martin ACH-Ft. Benning | 5.1 | 13.7 |
| Winn ACH-Ft. Stewart | 4.6 | 5.8 |
| 78th Med Grp-Robins | 10.9 | 12.9 |
| Tripler AMC-Ft. Shafter | 6.8 | 20.1 |
| 366th Med Grp-Mountain Home | 8.7 | 10.7 |
| 375th Med Grp-Scott | 12.2 | 17.3 |
| FHCC-Formerly NHC Great Lakes | 7.5 | 22.5 |
| Irwin ACH-Ft. Riley | 5.4 | 18.6 |
| Munson AHC-Ft. Leavenworth | 10.8 | 13.2 |
| Blanchfield ACH-Ft. Campbell | 3.9 | 8.6 |
| Ireland ACH-Ft. Knox | 9.9 | 14.4 |
| 2nd Med Grp-Barksdale | 8.6 | 12.3 |
| Bayne-Jones ACH-Ft. Polk | 4.3 | 4.3 |
| 779th Med Grp-Andrews | 10.0 | 12.2 |
| Walter Reed Natl Mil Med Cntr | 9.1 | 20.4 |
| NHC Patuxent River | 11.1 | 11.2 |
| Kimbrough Amb Car Cen-Ft Meade | 11.6 | 13.6 |
| 81st Med Grp-Keesler | 11.8 | 17.4 |
| L. Wood ACH-Ft. Leonard Wood | 7.3 | 16.6 |
| 55th Med Grp-Offutt | 12.9 | 18.0 |
| 99th Med Grp-O'Callaghan Hosp | 7.5 | 10.6 |
| 377th Med Grp-Kirtland | 10.4 | 11.6 |
| Keller ACH-West Point | 9.5 | 12.5 |
| Womack AMC-Ft. Bragg | 6.6 | 9.7 |

| | Unweighted Response Rate | Weighted Response Rate |
|--------------------------------|-----------------------------|---------------------------|
| NH Camp Lejeune | 4.4 | 4.8 |
| NHC Cherry Point | 7.2 | 24.5 |
| 88th Med Grp-Wright-Patterson | 9.8 | 10.4 |
| 72nd Med Grp-Tinker | 8.9 | 11.5 |
| Reynolds ACH-Ft. Sill | 5.8 | 8.3 |
| 20th Med Grp-Shaw | 11.6 | 15.3 |
| Naval Health Clinic Charleston | 6.9 | 7.9 |
| NH Beaufort | 4.1 | 15.7 |
| Moncrief ACH-Ft. Jackson | 10.0 | 13.2 |
| William Beaumont AMC-Ft. Bliss | 5.5 | 10.0 |
| Brooke AMC-Ft. Sam Houston | 7.1 | 12.0 |
| Darnall ACH-Ft. Hood | 5.4 | 11.2 |
| 7th Med Grp-Dyess | 7.9 | 10.5 |
| 82nd Med Grp-Sheppard | 9.7 | 13.2 |
| 59th Med Wing-Lackland | 8.0 | 13.2 |
| NHC Corpus Christi | 9.4 | 11.1 |
| 75th Med Grp-Hill | 8.9 | 11.1 |
| 633rd Med Grp Langley-Eustis | 9.5 | 10.4 |
| McDonald AHC-Ft. Eustis | 10.9 | 11.8 |
| Kenner AHC-Ft. Lee | 7.9 | 11.4 |
| Ft Belvoir Community Hosp-FBCH | 9.0 | 18.9 |
| NMC Portsmouth | 6.1 | 11.7 |
| Madigan AMC-Ft. Lewis | 7.9 | 15.1 |
| NH Bremerton | 6.8 | 12.0 |
| NH Oak Harbor | 7.1 | 21.5 |
| 92nd Med Grp-Fairchild | 14.6 | 20.3 |
| 90th Med Grp-F.E. Warren | 9.6 | 12.3 |
| Weed ACH-Ft. Irwin | 6.0 | 10.0 |
| NBHC NAS North Island | 6.5 | 6.8 |
| 21st Med Grp-Peterson | 9.0 | 11.7 |
| NHC Hawaii | 7.0 | 8.5 |
| NBHC Portsmouth | 12.3 | 25.0 |
| Guthrie AHC-Ft. Drum | 4.0 | 5.2 |
| NBHC Little Creek | 3.5 | 3.2 |
| NHC Quantico | 10.1 | 9.2 |
| NBHC Oceana | 3.9 | 7.2 |
| NBHC Mayport | 7.1 | 10.1 |
| NBHC NTC San Diego | 7.3 | 10.0 |
| NBHC Navsta Sewells | 14.3 | 15.1 |
| Landstuhl Regional Medcen | 8.1 | 9.7 |
| Bavaria Meddac | 6.1 | 8.4 |
| Brian Allgood ACH-Seoul | 6.3 | 7.3 |
| NH Guantanamo Bay | 7.9 | 5.8 |
| NH Naples | 6.9 | 11.0 |
| NH Guam-Agana | 6.1 | 8.5 |
| NH Okinawa | 6.2 | 9.6 |
| NH Yokosuka | 6.1 | 7.2 |
| 48th Med Grp-Lakenheath | 9.7 | 29.7 |
| 374th Med Grp-Yokota AB | 10.9 | 13.3 |
| 422 ABS Med Flt-Croughton | 6.7 | 9.4 |

| | Unweighted Response Rate | Weighted Response Rate |
|--------------------------------|-----------------------------|---------------------------|
| 470 Med Flt-Geilenkirchen | 5.3 | 6.3 |
| 18th Med Grp-Kadena AB | 9.1 | 14.0 |
| 52nd Med Group-Spangdahlem | 12.7 | 16.5 |
| RAF Upwood | 7.1 | 2.7 |
| USCG Clinic Key West | 20.0 | 22.1 |
| TRICARE Outpatient-Chula Vista | 18.8 | 20.7 |
| Naval Health Care New England | 10.0 | 13.3 |
| Out of Catchment East Region | 8.1 | 17.4 |
| Out of Catchment West Region | 8.2 | 18.1 |
| Out of Catchment OCONUS | 8.0 | 8.9 |

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 II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|---|-----------------------------|---------------------------|
| Missing/unknown | 2.0 | 18.1 |
| Army | 7.4 | 11.9 |
| Coast Guard | 20.6 | 22.6 |
| Air Force | 10.2 | 13.5 |
| Support Contractor | 9.4 | 17.7 |
| Navy | 6.9 | 10.6 |
| National Capital Region Medical Director | 8.5 | 16.1 |
| Noncatchment | 7.2 | 15.7 |
| Uniformed Services Family Health Plan | 16.7 | 26.8 |

TABLE G.8

RESPONSE RATES BY DHA FLAG – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|---------|-----------------------------|---------------------------|
| Not DHA | 8.5 | 14.8 |
| DHA | 8.7 | 14.9 |

TABLE G.9

RESPONSE RATES BY SERVICE – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|---------------|-----------------------------|---------------------------|
| Army | 7.5 | 12.6 |
| Navy | 7.8 | 15.2 |
| Marine Corps | 5.7 | 10.5 |
| Air Force | 10.3 | 18.5 |
| Coast Guard | 9.9 | 16.7 |
| Other/Unknown | 12.1 | 16.3 |

TABLE G.10

RESPONSE RATES BY TNEX REGION – QUARTER II, 2020

| | Unweighted Response Rate | Weighted Response Rate |
|----------|-----------------------------|---------------------------|
| East | 8.7 | 15.1 |
| West | 8.4 | 14.8 |
| Overseas | 8.2 | 11.2 |

TABLE G.11

RESPONSE RATES BY COMBINED GEOGRAPHIC AREA – QUARTER II, 2020

| TNEX Region | Catchment Area | Unweighted Response Rate | Weighted Response Rate |
|-------------|--------------------------------|--------------------------|------------------------|
| East | Fox AHC-Redstone Arsenal | 11.3 | 12.5 |
| East | Lyster AHC-Ft. Rucker | 9.1 | 11.4 |
| East | 42nd Medical Group-Maxwell | 11.6 | 12.6 |
| East | NH Pensacola | 8.2 | 13.7 |
| East | NH Jacksonville | 5.3 | 11.6 |
| East | 96th Med Grp-Eglin | 9.3 | 15.5 |
| East | 325th Med Grp-Tyndall | 13.9 | 15.8 |
| East | 6th Med Grp-MacDill | 10.5 | 14.2 |
| East | 45th Med Grp-Patrick | 11.9 | 12.5 |
| East | Eisenhower AMC-Ft. Gordon | 8.5 | 19.7 |
| East | Martin ACH-Ft. Benning | 5.1 | 13.7 |
| East | Winn ACH-Ft. Stewart | 4.6 | 5.8 |
| East | 78th Med Grp-Robins | 10.9 | 12.9 |
| East | 375th Med Grp-Scott | 12.2 | 17.3 |
| East | FHCC-Formerly NHC Great Lakes | 7.5 | 22.5 |
| East | Blanchfield ACH-Ft. Campbell | 3.9 | 8.6 |
| East | Ireland ACH-Ft. Knox | 9.9 | 14.4 |
| East | 2nd Med Grp-Barksdale | 8.6 | 12.3 |
| East | Bayne-Jones ACH-Ft. Polk | 4.3 | 4.3 |
| East | 779th Med Grp-Andrews | 10.0 | 12.2 |
| East | Walter Reed Natl Mil Med Cntr | 9.1 | 20.4 |
| East | NHC Patuxent River | 11.1 | 11.2 |
| East | Kimbrough Amb Car Cen-Ft Meade | 11.6 | 13.6 |
| East | 81st Med Grp-Keesler | 11.8 | 17.4 |
| East | Keller ACH-West Point | 9.5 | 12.5 |
| East | Womack AMC-Ft. Bragg | 6.6 | 9.7 |
| East | NH Camp Lejeune | 4.4 | 4.8 |
| East | NHC Cherry Point | 7.2 | 24.5 |
| East | 88th Med Grp-Wright-Patterson | 9.8 | 10.4 |
| East | 72nd Med Grp-Tinker | 8.9 | 11.5 |
| East | Reynolds ACH-Ft. Sill | 5.8 | 8.3 |
| East | 20th Med Grp-Shaw | 11.6 | 15.3 |
| East | Naval Health Clinic Charleston | 6.9 | 7.9 |
| East | NH Beaufort | 4.1 | 15.7 |
| East | Moncrief ACH-Ft. Jackson | 10.0 | 13.2 |
| East | Brooke AMC-Ft. Sam Houston | 7.1 | 12.0 |
| East | Darnall ACH-Ft. Hood | 5.4 | 11.2 |
| East | 7th Med Grp-Dyess | 7.9 | 10.5 |
| East | 82nd Med Grp-Sheppard | 9.7 | 13.2 |
| East | 59th Med Wing-Lackland | 8.0 | 13.2 |
| East | NHC Corpus Christi | 9.4 | 11.1 |
| East | 633rd Med Grp Langley-Eustis | 9.5 | 10.4 |
| East | McDonald AHC-Ft. Eustis | 10.9 | 11.8 |
| East | Kenner AHC-Ft. Lee | 7.9 | 11.4 |
| East | Ft Belvoir Community Hosp-FBCH | 9.0 | 18.9 |
| East | NMC Portsmouth | 6.1 | 11.7 |
| East | NBHC Portsmouth | 12.3 | 25.0 |
| East | Guthrie AHC-Ft. Drum | 4.0 | 5.2 |

| TNEX Region | Catchment Area | Unweighted Response Rate | Weighted Response Rate |
|-------------|--------------------------------|--------------------------|------------------------|
| East | NBHC Little Creek | 3.5 | 3.2 |
| East | NHC Quantico | 10.1 | 9.2 |
| East | NBHC Oceana | 3.9 | 7.2 |
| East | NBHC Mayport | 7.1 | 10.1 |
| East | NBHC Navsta Sewells | 14.3 | 15.1 |
| East | USCG Clinic Key West | 20.0 | 22.1 |
| East | Naval Health Care New England | 10.0 | 13.3 |
| East | Out of Catchment East Region | 8.1 | 17.4 |
| East | Out of Catchment OCONUS | 8.8 | 4.5 |
| West | Bassett ACH-Ft. Wainwright | 5.5 | 8.2 |
| West | 673rd Med Grp-Elmendorf | 10.1 | 11.1 |
| West | R W Bliss AHC-Ft. Huachuca | 13.7 | 11.0 |
| West | 56th Med Grp-Luke | 9.2 | 15.0 |
| West | 355th Med Grp-Davis Monthan | 10.5 | 11.4 |
| West | 60th Med Grp-Travis | 8.5 | 16.3 |
| West | 95th Med Grp-Edwards | 10.0 | 11.0 |
| West | NH Camp Pendleton | 5.1 | 5.5 |
| West | NBHC Port Hueneme | 1.8 | 2.8 |
| West | NH LeMoore | 7.7 | 9.9 |
| West | NMC San Diego | 5.4 | 9.0 |
| West | NH Twentynine Palms | 5.6 | 17.5 |
| West | Evans ACH-Ft. Carson | 6.0 | 10.7 |
| West | 10th Med Group-USAF Academy CO | 8.3 | 21.1 |
| West | Tripler AMC-Ft. Shafter | 6.8 | 20.1 |
| West | 366th Med Grp-Mountain Home | 8.7 | 10.7 |
| West | Irwin ACH-Ft. Riley | 5.4 | 18.6 |
| West | Munson AHC-Ft. Leavenworth | 10.8 | 13.2 |
| West | L. Wood ACH-Ft. Leonard Wood | 7.3 | 16.6 |
| West | 55th Med Grp-Offutt | 12.9 | 18.0 |
| West | 99th Med Grp-O'Callaghan Hosp | 7.5 | 10.6 |
| West | 377th Med Grp-Kirtland | 10.4 | 11.6 |
| West | William Beaumont AMC-Ft. Bliss | 5.5 | 10.0 |
| West | 75th Med Grp-Hill | 8.9 | 11.1 |
| West | Madigan AMC-Ft. Lewis | 7.9 | 15.1 |
| West | NH Bremerton | 6.8 | 12.0 |
| West | NH Oak Harbor | 7.1 | 21.5 |
| West | 92nd Med Grp-Fairchild | 14.6 | 20.3 |
| West | 90th Med Grp-F.E. Warren | 9.6 | 12.3 |
| West | Weed ACH-Ft. Irwin | 6.0 | 10.0 |
| West | NBHC NAS North Island | 6.5 | 6.8 |
| West | 21st Med Grp-Peterson | 9.0 | 11.7 |
| West | NHC Hawaii | 7.0 | 8.5 |
| West | NBHC NTC San Diego | 7.3 | 10.0 |
| West | TRICARE Outpatient-Chula Vista | 18.8 | 20.7 |
| West | Out of Catchment West Region | 8.2 | 18.1 |
| West | Out of Catchment OCONUS | 14.3 | 6.4 |
| Overseas | Landstuhl Regional Medcen | 8.1 | 9.7 |
| Overseas | Bavaria Meddac | 6.1 | 8.4 |
| Overseas | Brian Allgood ACH-Seoul | 6.3 | 7.3 |
| Overseas | NH Guantanamo Bay | 7.9 | 5.8 |

| TNEX Region | Catchment Area | Unweighted Response Rate | Weighted Response Rate |
|-------------|----------------------------|--------------------------|------------------------|
| Overseas | NH Naples | 6.9 | 11.0 |
| Overseas | NH Guam-Agana | 6.1 | 8.5 |
| Overseas | NH Okinawa | 6.2 | 9.6 |
| Overseas | NH Yokosuka | 6.1 | 7.2 |
| Overseas | 48th Med Grp-Lakenheath | 9.7 | 29.7 |
| Overseas | 374th Med Grp-Yokota AB | 10.9 | 13.3 |
| Overseas | 422 ABS Med Flt-Croughton | 6.7 | 9.4 |
| Overseas | 470 Med Flt-Geilenkirchen | 5.3 | 6.3 |
| Overseas | 18th Med Grp-Kadena AB | 9.1 | 14.0 |
| Overseas | 52nd Med Group-Spangdahlem | 12.7 | 16.5 |
| Overseas | RAF Upwood | 7.1 | 2.7 |
| Overseas | Out of Catchment OCONUS | 7.9 | 11.7 |

Note: The Sampling Catchment Area variable is only provided on the restricted use file to maintain respondent confidentiality.

TABLE G.12

RESPONSE RATES BY BENEFICIARY CATEGORY AND SEX – QUARTER II, 2020

| Beneficiary Category | Sex | Unweighted Response Rate | Weighted Response Rate |
|--|--------|--------------------------|------------------------|
| Active Duty and Guard/Reserve | Male | 12.1 | 10.2 |
| Active Duty and Guard/Reserve | Female | 14.7 | 12.8 |
| Dependent of Active Duty & Guard/Reserve | Male | 2.4 | 2.5 |
| Dependent of Active Duty & Guard/Reserve | Female | 3.7 | 3.8 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Male | 31.0 | 31.0 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Female | 18.9 | 18.9 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Male | 13.2 | 13.7 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Female | 10.6 | 11.8 |

TABLE G.13

RESPONSE RATES BY BENEFICIARY CATEGORY AND SERVICE – QUARTER II, 2020

| Beneficiary | Service | Unweighted Response Rate | Weighted Response Rate |
|--|---------------|--------------------------|------------------------|
| Active Duty and Guard/Reserve | Army | 10.3 | 8.9 |
| Active Duty and Guard/Reserve | Navy | 8.8 | 8.5 |
| Active Duty and Guard/Reserve | Marine Corps | 7.2 | 6.6 |
| Active Duty and Guard/Reserve | Air Force | 16.6 | 16.5 |
| Active Duty and Guard/Reserve | Coast Guard | 16.2 | 17.6 |
| Active Duty and Guard/Reserve | Other/Unknown | 23.7 | 22.7 |
| Dependent of Active Duty & Guard/Reserve | Army | 3.5 | 3.4 |
| Dependent of Active Duty & Guard/Reserve | Navy | 3.7 | 3.6 |
| Dependent of Active Duty & Guard/Reserve | Marine Corps | 2.9 | 2.8 |
| Dependent of Active Duty & Guard/Reserve | Air Force | 3.5 | 4.0 |
| Dependent of Active Duty & Guard/Reserve | Coast Guard | 5.7 | 5.6 |
| Dependent of Active Duty & Guard/Reserve | Other/Unknown | 4.7 | 5.5 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Army | 21.4 | 21.4 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Navy | 25.9 | 25.9 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Marine Corps | 29.4 | 29.4 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Air Force | 27.0 | 27.0 |
| Retiree/Depend of Retiree/Survivor/Other 65+ | Coast Guard | 25.0 | 25.0 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Army | 11.6 | 11.9 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Navy | 12.5 | 13.1 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Marine Corps | 9.0 | 8.1 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Air Force | 12.2 | 14.5 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Coast Guard | 12.3 | 12.9 |
| Retiree/Depend of Retiree/Survivor/Other <65 | Other/Unknown | 21.6 | 36.5 |