

Contract No.: HHSP233201500035/HHSP23337039T
Mathematica Reference No.: 50713.BY.T02.016.200

2019 Health Care Survey of DoD Beneficiaries:

Adult Codebook and User's Guide

April 2019
Quarter I
Survey Fielded: October 2018

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

Task Order Officer:
Richard R. Bannick, Ph. D., FACHE

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	xiii
Chapters		
1	Introduction	1
2	Survey of Adults	5
3	Description of the Adult HCSDB Database.....	17
4	Programming Guide.....	21
	- How to Make a Table Using SAS.....	21
	- How to Make a Table Using SPSS	54
	- Calculating Variances of Estimates.....	132
5	Codebook	139
	References	221
Appendices		
A	Annotated Questionnaire – Quarter I.....	A-1
B	Survey Fielding Letters – Quarter I.....	B-1
C	Crosswalk between 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, and 2019 Questions for Adult HCSDB – Quarter I	C-1
D	Coding Scheme and Coding Tables – Quarter I	D-1
E	SAS Proc Contents – Alphabetical 2019 Adult HCSDB – Quarter I.....	E-1
F	SAS Proc Contents – Creation Order 2019 Adult HCSDB – Quarter I.....	F-1
G	Response Rate Tables – Quarter I.....	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.....	149
NHFF	- Stratum sample size.....	149
QUARTER	- Survey quarter.....	149
D_HEALTH	- Health service region.....	149
TNEXREG	- TRICARE next generation of contracts region grouping.....	149
BWT	- Basic sampling weight.....	150

DEERS Variables	Label	Page
RACEETHN	- Race/Ethnic code	150
PNSEXCD	- Person gender.....	150
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)	151
PCM	- Primary manager code (civilian or military)	151
DBENCAT	- Beneficiary category	151
DSPONSVC	- Derived sponsor branch of service.....	151
PATCAT	- Aggregated beneficiary category.....	152
PNTYPECD	- Person type code	152

Questionnaire Variables	Label	Page
H19001	- Are you the person listed on the cover letter	152
H19002A	- Health plan(s) covered: TRICARE Prime.....	152
H19002C	- Health plan(s) covered: TRICARE Select	152
H19002N	- Health plan(s) covered: TRICARE Plus	153
H19002O	- Health plan(s) covered: TRICARE For Life	153
H19002P	- Health plan(s) covered: TRICARE Supplemental Insurance	153
H19002Q	- Health plan(s) covered: TRICARE Reserve Select.....	153
H19002S	- Health plan(s) covered: TRICARE Retired Reserve	153
H19002T	- Health plan(s) covered: TRICARE Young Adult Prime	153
H19002V	- Health plan(s) covered: TRICARE Young Adult Extra or Standard	154
H19002K	- Health plan(s) covered: Uniformed Services Family Health Plan (USFHP).....	154
H19002U	- Health plan(s) covered: Continued Health Care Benefit Program (CHCBP)	154
H19002F	- Health plan(s) covered: Medicare	154
H19002G	- Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP).....	154
H19002H	- Health plan(s) covered: Medicaid.....	154
H19002I	- Health plan(s) covered: civilian HMO	155
H19002J	- Health plan(s) covered: other civilian health insurance.....	155
H19002M	- Health plan(s) covered: Veterans Administration (VA).....	155
H19002R	- Health plan(s) covered: other Non-US government health insurance.....	155
H19002L	- Health plan(s) covered: not sure	155
H19003	- Which health plan did you use most in the past 12 months?	155
H19004	- Months or years in a row with health plan	156
H19005	- In 1st yr:fcly use most for health care.....	157
H19006	- In last year: have illness/injury/condition that needed care right away.....	157
H19007	- In last year: how often got care as soon as you needed it	157

Questionnaire Variables	Label	Page
H19008	- In last year: wait between trying to get care and actually seeing a provider for an illness or injury	157
H19009	- In last year: made appointments for non-urgent health care.....	158
H19010	- In last year: how often got appointments for non-urgent health care as soon as you needed.....	158
H19011	- In last year: days between making an appointment and actually seeing a provider for non-urgent health – care.....	158
H19012	- In last year: times went to an emergency room for yourself.....	159
H19013	- In last year: times went to doctor's office or clinic for self (not counting times went to an ER)	159
H19014	- In last year: how often talk to doctor or other health care provider about illness prevention	159
H19015	- In last year: doctor or other health care provider talked about more than 1 choice for treatment	159
H19016	- In last year: doctor talked about pros/cons of each treatment/health care choice.....	160
H19017	- In last year: dr asked which treatment option you thought was best when more than one choice of - treatment.....	160
H19018	- Rating of all health care in last year	160
H19033	- In last year: how often easy to get care, tests, or treatment you needed.....	161
H19019	- Have one person you think of as your personal doctor	161
H19020	- In last year: number of times visited personal doctor for care for self.....	161
H19021	- In last year: how often personal doctor listened carefully to you	161
H19022	- In last year: how often personal doctor explained things in a way that was easy to understand.....	162
H19023	- In last year: how often your personal doctor showed respect for what you have to say.....	162
H19024	- In last year: how often your personal doctor spent enough time with you.....	162
H19025	- In last year: got care from doctor or other health provider other than personal doctor	162
H19026	- In last year: how often personal doctor seemed informed and up-to-date about care received from other drs	163
H19027	- Rating of your personal doctor	163
H19028	- In last year: tried to make appointment to see a specialist	163
H19029	- In last year: how often did you get an appointment with specialist as soon as needed.....	164
H19030	- In last year: how many specialists seen	164
H19031	- Rating of specialist seen most often in last year	164
H19034	- In last year: looked for information in written material or on the Internet about how health plan works.....	165
H19035	- In last year: how often written material/Internet provide information you needed about how your plan - works	165
H19036	- In last year: looked for information from health plan on cost of health care service or equipment.....	165
H19037	- In last year: how often able to find out from health plan cost of health care service or equipment.....	165
H19038	- In last year: looked for information from health plan on cost of prescription medications	166
H19039	- In last year: how often able to find out cost of prescription medications	166
H19040	- In last year: tried to get information or help from health plan's customer service.....	166
H19041	- In last year: how often did customer service give needed information or help..	166
H19042	- In last year: how often did customer service treat with courtesy and respect ...	167
H19043	- In last year: health plan gave forms to fill out	167
H19044	- In last year: how often forms from health plan were easy to fill out	167
H19045	- In last year: sent in any claims to your health plan.....	167

Questionnaire			
Variables		Label	Page
H19046	- In last year: how often health plan handled claims quickly.....		168
H19047	- In last year: how often health plan handled claims correctly		168
H19048	- Rating of all experience with health plan.....		168
H19049	- Blood pressure: when last reading		169
H19050	- Blood pressure: know if blood pressure is too high or not		169
H19051	- When did you last have a flu shot		169
H19052	- Smoked at least 100 cigarettes in life		169
H19053	- Smoke or use tobacco every day, some days, or not at all.....		169
H19054	- Last year: how often advised by doctor to quit smoking or using tobacco		170
H19055	- Last year: how often medication recommended or discussed by dr to assist with quitting smoking or using tobacco		170
H19056	- Last year: how often dr recommended/discussed methods and strategies to assist quitting smoking or using tobacco		170
H19057A	- Do you smoke or use: cigarettes.....		170
H19057B	- Do you smoke or use: dip, chewing tobacco, snuff, or snus		171
H19057C	- Do you smoke or use: cigars.....		171
H19057D	- Do you smoke or use: pipes, bidis, or kreteks		171
H19058	- Are you male or female		171
H19059B	- Female: last have a Pap smear test.....		171
H19060	- Female: are you under age 40		172
H19061	- Female: last time breasts checked by mammography.....		172
H19062	- Female: been pregnant in last year or pregnant now.....		172
H19063	- Female: in what trimester is your pregnancy.....		173
H19064	- Female: trimester first received prenatal care.....		173
H19065	- In general how would you rate your overall health		173
SREDA	- Highest grade completed		173
H19073	- Are you Spanish, Hispanic, or Latino		174
H19073A	- No, not Spanish, Hispanic, or Latino		174
H19073B	- Yes, Mexican, Mexican American, Chicano		174
H19073C	- Yes, Puerto Rican		174
H19073D	- Yes, Cuban or other Spanish, Hispanic, or Latino		174
SRRACEA	- Race: White.....		175
SRRACEB	- Race: Black or African American		175
SRRACEC	- Race: American Indian or Alaska Native or Native Hawaiian/other Pacific Islander		175
SRRACED	- Race: Asian		175
SRAGE	- What is your age now?.....		175
S19009	- Had the same personal doctor before joining this health plan		176
S19010	- Since joined health plan, how much of a problem, if any, was it to get personal doctor you are happy with?		176
S19011	- Agree/disagree: Able to see provider when needed.....		176
S19014	- How satisfied with health care during last visit		176
S19B01	- Self rate of overall mental/emotional health		177
S19BF4	- How often do you use e-cigarettes.....		177
S19BQ01	- Do you plan to continue to use the same health plan as of January 1, 2019 (for calendar year 2019)?.....		177
S19BQ02A	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Life event (such as marriage/ divorce), new jobs, retirement, or moved.....		177
S19BQ02B	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My employer offered new health plans.....		178
S19BQ02C	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Your or your family's health needs changed		178

Questionnaire		
Variables	Label	Page
S19BQ02D	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: I had expensive medical bills for services not covered by my insurance	178
S19BQ02E	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: You wanted a plan with a lower annual deductible.....	178
S19BQ02F	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My doctor charged me more than my insurance would pay and I had to pay the difference	178
S19BQ02G	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: A doctor's office told me they do not accept my insurance	179
S19BQ02H	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: - I had to contact my insurance company because they did not pay a bill promptly or denied payment	179
S19BQ02I	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My copays (a fixed dollar amount for primary or specialty care visits) were more than I could afford.....	179
S19BQ02J	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: - I didn't have enough doctors to choose from within the network	179
S19BQ02K	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My premiums or enrollment fees were more than I could afford.....	179
S19BQ02L	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Other	180
S19BQ03A	- What health plan will you be covered by and use for calendar year 2019: TRICARE Prime.....	180
S19BQ03B	- What health plan will you be covered by and use for calendar year 2019: TRICARE Select	180
S19BQ03C	- What health plan will you be covered by and use for calendar year 2019: US Family Health Plan (USFHP)	180
S19BQ03D	- What health plan will you be covered by and use for calendar year 2019: Veterans Administration (VA).....	180
S19BQ03E	- What health plan will you be covered by and use for calendar year 2019: The Federal Employee Health Benefits Plan (FEHBP).....	181
S19BQ03F	- What health plan will you be covered by and use for calendar year 2019: Medicare and TRICARE for Life	181
S19BQ03G	- What health plan will you be covered by and use for calendar year 2019: Medicaid.....	181
S19BQ03H	- What health plan will you be covered by and use for calendar year 2019: Other civilian insurance coverage.....	181
S19BQ03I	- What health plan will you be covered by and use for calendar year 2019: Space available care at a military facility	181
S19BQ03J	- What health plan will you be covered by and use for calendar year 2019: Don't know	182
S19BQ03K	- What health plan will you be covered by and use for calendar year 2019: No insurance coverage.....	182
Survey		
Fielding		
Variables	Label	Page
ONTIME	- Responded within 8 weeks of mail-out.....	182
FLAG_FIN	- Final disposition.....	182
DUPFLAG	- Multiple response indicator.....	182

Survey		
Fielding		
Variables	Label	Page
FNSTATUS	- Final status	182
KEYCOUNT	- Number of key questions answered	183
WEB	- Web survey indicator	183
SURVTYPE	- Web or Mail Survey	183

Coding		
Scheme Flags and Counts	Label	Page
N1	- Coding Scheme Note 1	183
N1BQ1	- Coding Scheme Note 1_BQ	183
N1BQ2	- Coding Scheme Note 2_BQ	184
N2	- Coding Scheme Note 2	184
N3	- Coding Scheme Note 3	184
N4	- Coding Scheme Note 4	184
N5	- Coding Scheme Note 5	185
N6	- Coding Scheme Note 6	185
N7	- Coding Scheme Note 7	185
N8	- Coding Scheme Note 8	185
N8_01	- Coding Scheme Note 8_01	186
N9	- Coding Scheme Note 9	186
N10	- Coding Scheme Note 10	186
N12	- Coding Scheme Note 12	186
N13	- Coding Scheme Note 13	186
N14	- Coding Scheme Note 14	187
N15	- Coding Scheme Note 15	187
N16	- Coding Scheme Note 16	187
N17	- Coding Scheme Note 17	187
N18	- Coding Scheme Note 18	188
N19A	- Coding Scheme Note 19A	188
N19B	- Coding Scheme Note 19B	188
N20	- Coding Scheme Note 20	188
N21	- Coding Scheme Note 21	189
N23_HT	- Coding Scheme Note 23_HT	189
N23_WT	- Coding Scheme Note 23_WT	189
N24	- Coding Scheme Note 24	189
MISS_1	- Count of original survey responses (pre-cleaning): violates skip pattern	189
MISS_4	- Count of original survey responses (pre-cleaning): incomplete grid error	190
MISS_5	- Count of original survey responses (pre-cleaning): scalable response of don't know	190
MISS_6	- Count of original survey responses (pre-cleaning): not applicable - valid skip ..	190
MISS_7	- Count of original survey responses (pre-cleaning): out-of-range error	190
MISS_9	- Count of original survey responses (pre-cleaning): no response - invalid skip ..	191
MISS_TOT	- Total number of missing responses (pre-cleaning)	192

Constructed		
Variables	Label	Page
DHAFLAG	- DHA Flag	193
TNEXREG	- TRICARE next generation of contracts region grouping	193
XENRLLMT	- Enrollment in TRICARE prime	193
XENR_PCM	- Enrollment by PCM type	193
XINS_COV	- Insurance coverage	194
XBENCAT	- Beneficiary category	194
XENR_RSV	- Enrollment by PCM type - reservist	195
XINS_RSV	- Insurance coverage - reservist	195

Constructed Variables	Label	Page
XREGION	- Region	195
XTNEXRG2	- Revised TNEX Region - Definitions changed as of FY2019	196
USA	- CONUS/OCONUS indicator	196
XOCONUS	- Overseas Europe/Pacific/Latin indicator	196
OUTCATCH	- Out of catchment area indicator	196
XSEXA	- Male or female (recode)	197
XBMICAT	- Body mass index category	197
XBNFGRP	- Constructed beneficiary group	197
KMILOPQY	- Outpatient visits-use Military facility most.....	197
KCIVOPQY	- Outpatient visits-use Civilian facility most	198
XSERVAFF	- Service affiliation	198
KCIVINS	- Beneficiary covered by civilian insurance.....	198
HP_PRNTL	- Pregnant in last year received care in 1st trimester	198
HP_MAMOG	- Women age 40 and over: mammography in past 2 years	198
HP_MAM50	- Women age 50 and over: mammography in past 2 years	199
HP_PAP	- All women: pap smear in last 3 years.....	199
HP_BP	- Blood pressure check in last 2 years and know results	199
HP_FLU	- Age 65 and older: flu shot in last 12 months	199
HP_OBESE	- Obese or morbidly obese	199
HP_SMOKE	- Advised to quit smoking in last 12 months	200
HP_SMKH3	- Smoker under HEDIS definition (modified)	200
HP_CESH3	- Had smoking cessation counseling - HEDIS (modified)	200
DELGENRC	- DEERS Eligibility-Enrollment Code	200
DENRGRPC	- DEERS Enroll Group Code	201

Post-stratification	Label	Page
POSTCELL	- Poststratification cell for new weights.....	201

Weight	Label	Page
FWRWT1	- Replicated/Jackknife quarterly weight 1	204
FWRWT2	- Replicated/Jackknife quarterly weight 2	204
FWRWT3	- Replicated/Jackknife quarterly weight 3.....	204
FWRWT4	- Replicated/Jackknife quarterly weight 4	204
FWRWT5	- Replicated/Jackknife quarterly weight 5.....	205
FWRWT6	- Replicated/Jackknife quarterly weight 6.....	205
FWRWT7	- Replicated/Jackknife quarterly weight 7	205
FWRWT8	- Replicated/Jackknife quarterly weight 8.....	205
FWRWT9	- Replicated/Jackknife quarterly weight 9.....	206
FWRWT10	- Replicated/Jackknife quarterly weight 10.....	206
FWRWT11	- Replicated/Jackknife quarterly weight 11.....	206
FWRWT12	- Replicated/Jackknife quarterly weight 12.....	206
FWRWT13	- Replicated/Jackknife quarterly weight 13.....	207
FWRWT14	- Replicated/Jackknife quarterly weight 14.....	207
FWRWT15	- Replicated/Jackknife quarterly weight 15.....	207
FWRWT16	- Replicated/Jackknife quarterly weight 16.....	207
FWRWT17	- Replicated/Jackknife quarterly weight 17	208
FWRWT18	- Replicated/Jackknife quarterly weight 18.....	208
FWRWT19	- Replicated/Jackknife quarterly weight 19.....	208
FWRWT20	- Replicated/Jackknife quarterly weight 20.....	208
FWRWT21	- Replicated/Jackknife quarterly weight 21.....	209
FWRWT22	- Replicated/Jackknife quarterly weight 22.....	209
FWRWT23	- Replicated/Jackknife quarterly weight 23.....	209
FWRWT24	- Replicated/Jackknife quarterly weight 24.....	209
FWRWT25	- Replicated/Jackknife quarterly weight 25.....	210

Weight	Label	Page
FWRWT26	- Replicated/Jackknife quarterly weight 26	210
FWRWT27	- Replicated/Jackknife quarterly weight 27	210
FWRWT28	- Replicated/Jackknife quarterly weight 28	210
FWRWT29	- Replicated/Jackknife quarterly weight 29	211
FWRWT30	- Replicated/Jackknife quarterly weight 30	211
FWRWT31	- Replicated/Jackknife quarterly weight 31	211
FWRWT32	- Replicated/Jackknife quarterly weight 32	211
FWRWT33	- Replicated/Jackknife quarterly weight 33	212
FWRWT34	- Replicated/Jackknife quarterly weight 34	212
FWRWT35	- Replicated/Jackknife quarterly weight 35	212
FWRWT36	- Replicated/Jackknife quarterly weight 36	212
FWRWT37	- Replicated/Jackknife quarterly weight 37	213
FWRWT38	- Replicated/Jackknife quarterly weight 38	213
FWRWT39	- Replicated/Jackknife quarterly weight 39	213
FWRWT40	- Replicated/Jackknife quarterly weight 40	213
FWRWT41	- Replicated/Jackknife quarterly weight 41	214
FWRWT42	- Replicated/Jackknife quarterly weight 42	214
FWRWT43	- Replicated/Jackknife quarterly weight 43	214
FWRWT44	- Replicated/Jackknife quarterly weight 44	214
FWRWT45	- Replicated/Jackknife quarterly weight 45	215
FWRWT46	- Replicated/Jackknife quarterly weight 46	215
FWRWT47	- Replicated/Jackknife quarterly weight 47	215
FWRWT48	- Replicated/Jackknife quarterly weight 48	215
FWRWT49	- Replicated/Jackknife quarterly weight 49	216
FWRWT50	- Replicated/Jackknife quarterly weight 50	216
FWRWT51	- Replicated/Jackknife quarterly weight 51	216
FWRWT52	- Replicated/Jackknife quarterly weight 52	216
FWRWT53	- Replicated/Jackknife quarterly weight 53	217
FWRWT54	- Replicated/Jackknife quarterly weight 54	217
FWRWT55	- Replicated/Jackknife quarterly weight 55	217
FWRWT56	- Replicated/Jackknife quarterly weight 56	217
FWRWT57	- Replicated/Jackknife quarterly weight 57	218
FWRWT58	- Replicated/Jackknife quarterly weight 58	218
FWRWT59	- Replicated/Jackknife quarterly weight 59	218
FWRWT60	- Replicated/Jackknife quarterly weight 60	218
FWRWT	- Final quarterly weight	219

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

ALPHABETICAL TABLE OF VARIABLES

Variable	Label	Page
BWT	- Basic sampling weight.....	150
D_HEALTH	- Health service region.....	149
DBENCAT	- Beneficiary category.....	151
DELGENRC	- DEERS Eligibility-Enrollment Code.....	200
DENRGRPC	- DEERS Enroll Group Code.....	201
DHAFLAG	- DHA Flag.....	193
DSPONSVC	- Derived sponsor branch of service.....	151
DUPFLAG	- Multiple response indicator.....	182
ENBGSMPL	- Enrollment by beneficiary category.....	148
FLAG_FIN	- Final disposition.....	182
FNSTATUS	- Final status.....	182
FWRWT	- Final quarterly weight.....	219
FWRWT1	- Replicated/Jackknife quarterly weight 1.....	204
FWRWT10	- Replicated/Jackknife quarterly weight 10.....	206
FWRWT11	- Replicated/Jackknife quarterly weight 11.....	206
FWRWT12	- Replicated/Jackknife quarterly weight 12.....	206
FWRWT13	- Replicated/Jackknife quarterly weight 13.....	207
FWRWT14	- Replicated/Jackknife quarterly weight 14.....	207
FWRWT15	- Replicated/Jackknife quarterly weight 15.....	207
FWRWT16	- Replicated/Jackknife quarterly weight 16.....	207
FWRWT17	- Replicated/Jackknife quarterly weight 17.....	208
FWRWT18	- Replicated/Jackknife quarterly weight 18.....	208
FWRWT19	- Replicated/Jackknife quarterly weight 19.....	208
FWRWT2	- Replicated/Jackknife quarterly weight 2.....	204
FWRWT20	- Replicated/Jackknife quarterly weight 20.....	208
FWRWT21	- Replicated/Jackknife quarterly weight 21.....	209
FWRWT22	- Replicated/Jackknife quarterly weight 22.....	209
FWRWT23	- Replicated/Jackknife quarterly weight 23.....	209
FWRWT24	- Replicated/Jackknife quarterly weight 24.....	209
FWRWT25	- Replicated/Jackknife quarterly weight 25.....	210
FWRWT26	- Replicated/Jackknife quarterly weight 26.....	210
FWRWT27	- Replicated/Jackknife quarterly weight 27.....	210
FWRWT28	- Replicated/Jackknife quarterly weight 28.....	210
FWRWT29	- Replicated/Jackknife quarterly weight 29.....	211
FWRWT3	- Replicated/Jackknife quarterly weight 3.....	204
FWRWT30	- Replicated/Jackknife quarterly weight 30.....	211
FWRWT31	- Replicated/Jackknife quarterly weight 31.....	211
FWRWT32	- Replicated/Jackknife quarterly weight 32.....	211
FWRWT33	- Replicated/Jackknife quarterly weight 33.....	212
FWRWT34	- Replicated/Jackknife quarterly weight 34.....	212
FWRWT35	- Replicated/Jackknife quarterly weight 35.....	212
FWRWT36	- Replicated/Jackknife quarterly weight 36.....	212
FWRWT37	- Replicated/Jackknife quarterly weight 37.....	213
FWRWT38	- Replicated/Jackknife quarterly weight 38.....	213
FWRWT39	- Replicated/Jackknife quarterly weight 39.....	213
FWRWT4	- Replicated/Jackknife quarterly weight 4.....	204
FWRWT40	- Replicated/Jackknife quarterly weight 40.....	213
FWRWT41	- Replicated/Jackknife quarterly weight 41.....	214
FWRWT42	- Replicated/Jackknife quarterly weight 42.....	214
FWRWT43	- Replicated/Jackknife quarterly weight 43.....	214
FWRWT44	- Replicated/Jackknife quarterly weight 44.....	214
FWRWT45	- Replicated/Jackknife quarterly weight 45.....	215
FWRWT46	- Replicated/Jackknife quarterly weight 46.....	215
FWRWT47	- Replicated/Jackknife quarterly weight 47.....	215
FWRWT48	- Replicated/Jackknife quarterly weight 48.....	215

Variable	Label	Page
FWRWT49	- Replicated/Jackknife quarterly weight 49	216
FWRWT5	- Replicated/Jackknife quarterly weight 5	205
FWRWT50	- Replicated/Jackknife quarterly weight 50	216
FWRWT51	- Replicated/Jackknife quarterly weight 51	216
FWRWT52	- Replicated/Jackknife quarterly weight 52	216
FWRWT53	- Replicated/Jackknife quarterly weight 53	217
FWRWT54	- Replicated/Jackknife quarterly weight 54	217
FWRWT55	- Replicated/Jackknife quarterly weight 55	217
FWRWT56	- Replicated/Jackknife quarterly weight 56	217
FWRWT57	- Replicated/Jackknife quarterly weight 57	218
FWRWT58	- Replicated/Jackknife quarterly weight 58	218
FWRWT59	- Replicated/Jackknife quarterly weight 59	218
FWRWT6	- Replicated/Jackknife quarterly weight 6	205
FWRWT60	- Replicated/Jackknife quarterly weight 60	218
FWRWT7	- Replicated/Jackknife quarterly weight 7	205
FWRWT8	- Replicated/Jackknife quarterly weight 8	205
FWRWT9	- Replicated/Jackknife quarterly weight 9	206
H19001	- Are you the person listed on the cover letter	152
H19002A	- Health plan(s) covered: TRICARE Prime	152
H19002C	- Health plan(s) covered: TRICARE Select	152
H19002F	- Health plan(s) covered: Medicare	154
H19002G	- Health plan(s) covered: Federal Employees Health Benefit Program (FEHBP)	154
H19002H	- Health plan(s) covered: Medicaid	154
H19002I	- Health plan(s) covered: civilian HMO	155
H19002J	- Health plan(s) covered: other civilian health insurance	155
H19002K	- Health plan(s) covered: Uniformed Services Family Health Plan (USFHP)	154
H19002L	- Health plan(s) covered: not sure	155
H19002M	- Health plan(s) covered: Veterans Administration (VA)	155
H19002N	- Health plan(s) covered: TRICARE Plus	153
H19002O	- Health plan(s) covered: TRICARE For Life	153
H19002P	- Health plan(s) covered: TRICARE Supplemental Insurance	153
H19002Q	- Health plan(s) covered: TRICARE Reserve Select	153
H19002R	- Health plan(s) covered: other Non-US government health insurance	155
H19002S	- Health plan(s) covered: TRICARE Retired Reserve	153
H19002T	- Health plan(s) covered: TRICARE Young Adult Prime	153
H19002U	- Health plan(s) covered: Continued Health Care Benefit Program (CHCBP)	154
H19002V	- Health plan(s) covered: TRICARE Young Adult Extra or Standard	154
H19003	- Which health plan did you use most in the past 12 months?	155
H19004	- Months or years in a row with health plan	156
H19005	- In 1st yr: fclty use most for health care	157
H19006	- In last year: have illness/injury/condition that needed care right away	157
H19007	- In last year: how often got care as soon as you needed it	157
H19008	- In last year: wait between trying to get care and actually seeing a provider for an illness or injury	157
H19009	- In last year: made appointments for non-urgent health care	158
H19010	- In last year: how often got appointments for non-urgent health care as soon as you needed	158
H19011	- In last year: days between making an appointment and actually seeing a provider for non-urgent health – care	158
H19012	- In last year: times went to an emergency room for yourself	159
H19013	- In last year: times went to doctor's office or clinic for self (not counting times went to an ER)	159
H19014	- In last year: how often talk to doctor or other health care provider about illness prevention	159
H19015	- In last year: doctor or other health care provider talked about more than 1 choice for treatment	159

2019 HEALTH CARE SURVEY OF DOD BENEFICIARIES – QUARTER I

Variable	Label	Page
H19016	- In last year: doctor talked about pros/cons of each treatment/health care choice.....	160
H19017	- In last year: dr asked which treatment option you thought was best when more than one choice of - treatment.....	160
H19018	- Rating of all health care in last year	160
H19019	- Have one person you think of as your personal doctor	161
H19020	- In last year: number of times visited personal doctor for care for self.....	161
H19021	- In last year: how often personal doctor listened carefully to you	161
H19022	- In last year: how often personal doctor explained things in a way that was easy to understand.....	162
H19023	- In last year: how often your personal doctor showed respect for what you have to say.....	162
H19024	- In last year: how often your personal doctor spent enough time with you.....	162
H19025	- In last year: got care from doctor or other health provider other than personal doctor	162
H19026	- In last year: how often personal doctor seemed informed and up-to-date about care received from other drs.....	163
H19027	- Rating of your personal doctor	163
H19028	- In last year: tried to make appointment to see a specialist	163
H19029	- In last year: how often did you get an appointment with specialist as soon as needed	164
H19030	- In last year: how many specialists seen	164
H19031	- Rating of specialist seen most often in last year	164
H19033	- In last year: how often easy to get care, tests, or treatment you needed.....	161
H19034	- In last year: looked for information in written material or on the Internet about how health plan works	165
H19035	- In last year: how often written material/Internet provide information you needed about how your plan - works	165
H19036	- In last year: looked for information from health plan on cost of health care service or equipment.....	165
H19037	- In last year: how often able to find out from health plan cost of health care service or equipment.....	165
H19038	- In last year: looked for information from health plan on cost of prescription medications.....	166
H19039	- In last year: how often able to find out cost of prescription medications.....	166
H19040	- In last year: tried to get information or help from health plan's customer service.....	166
H19041	- In last year: how often did customer service give needed information or help....	166
H19042	- In last year: how often did customer service treat with courtesy and respect	167
H19043	- In last year: health plan gave forms to fill out.....	167
H19044	- In last year: how often forms from health plan were easy to fill out	167
H19045	- In last year: sent in any claims to your health plan.....	167
H19046	- In last year: how often health plan handled claims quickly.....	168
H19047	- In last year: how often health plan handled claims correctly	168
H19048	- Rating of all experience with health plan.....	168
H19049	- Blood pressure: when last reading.....	169
H19050	- Blood pressure: know if blood pressure is too high or not	169
H19051	- When did you last have a flu shot	169
H19052	- Smoked at least 100 cigarettes in life	169
H19053	- Smoke or use tobacco every day, some days, or not at all.....	169
H19054	- Last year: how often advised by doctor to quit smoking or using tobacco	170
H19055	- Last year: how often medication recommended or discussed by dr to assist with quitting smoking or using tobacco	170
H19056	- Last year: how often dr recommended/discussed methods and strategies to assist quitting smoking or using tobacco	170
H19057A	- Do you smoke or use: cigarettes.....	170
H19057B	- Do you smoke or use: dip, chewing tobacco, snuff, or snus.....	171

Variable	Label	Page
H19057C	- Do you smoke or use: cigars.....	171
H19057D	- Do you smoke or use: pipes, bidis, or kreteks	171
H19058	- Are you male or female	171
H19059B	- Female: last have a Pap smear test.....	171
H19060	- Female: are you under age 40	172
H19061	- Female: last time breasts checked by mammography.....	172
H19062	- Female: been pregnant in last year or pregnant now.....	172
H19063	- Female: in what trimester is your pregnancy.....	173
H19064	- Female: trimester first received prenatal care.....	173
H19065	- In general how would you rate your overall health	173
H19073	- Are you Spanish, Hispanic, or Latino	174
H19073A	- No, not Spanish, Hispanic, or Latino.....	174
H19073B	- Yes, Mexican, Mexican American, Chicano.....	174
H19073C	- Yes, Puerto Rican	174
H19073D	- Yes, Cuban or other Spanish, Hispanic, or Latino	174
HP_BP	- Blood pressure check in last 2 years and know results	199
HP_CESH3	- Had smoking cessation counseling - HEDIS (modified)	200
HP_FLU	- Age 65 and older: flu shot in last 12 months	199
HP_MAM50	- Women age 50 and over: mammography in past 2 years	199
HP_MAMOG	- Women age 40 and over: mammography in past 2 years	198
HP_OBESE	- Obese or morbidly obese	199
HP_PAP	- All women: pap smear in last 3 years	199
HP_PRNTL	- Pregnant in last year received care in 1st trimester	198
HP_SMKH3	- Smoker under HEDIS definition (modified)	200
HP_SMOKE	- Advised to quit smoking in last 12 months	200
KCIVINS	- Beneficiary covered by civilian insurance.....	198
KCIVOPQY	- Outpatient visits-use Civilian facility most	198
KEYCOUNT	- Number of key questions answered.....	183
KMILOPQY	- Outpatient visits-use Military facility most.....	197
MISS_1	- Count of original survey responses (pre-cleaning): violates skip pattern.....	189
MISS_4	- Count of original survey responses (pre-cleaning): incomplete grid error.....	190
MISS_5	- Count of original survey responses (pre-cleaning): scalable response of don't know	190
MISS_6	- Count of original survey responses (pre-cleaning): not applicable - valid skip ...	190
MISS_7	- Count of original survey responses (pre-cleaning): out-of-range error	190
MISS_9	- Count of original survey responses (pre-cleaning): no response - invalid skip ...	191
MISS_TOT	- Total number of missing responses (pre-cleaning).....	192
MPCSMPL	- Military personnel category.....	149
MPRID	- Unique MPR identifier	141
N1	- Coding Scheme Note 1	183
N10	- Coding Scheme Note 10	186
N12	- Coding Scheme Note 12	186
N13	- Coding Scheme Note 13	186
N14	- Coding Scheme Note 14	187
N15	- Coding Scheme Note 15	187
N16	- Coding Scheme Note 16	187
N17	- Coding Scheme Note 17	187
N18	- Coding Scheme Note 18	188
N19A	- Coding Scheme Note 19A.....	188
N19B	- Coding Scheme Note 19B.....	188
N1BQ1	- Coding Scheme Note 1_BQ.....	183
N1BQ2	- Coding Scheme Note 2_BQ.....	184
N2	- Coding Scheme Note 2	184
N20	- Coding Scheme Note 20	188
N21	- Coding Scheme Note 21	189
N23_HT	- Coding Scheme Note 23_HT	189
N23_WT	- Coding Scheme Note 23_WT	189

Variable	Label	Page
N24	- Coding Scheme Note 24	189
N3	- Coding Scheme Note 3	184
N4	- Coding Scheme Note 4	184
N5	- Coding Scheme Note 5	185
N6	- Coding Scheme Note 6	185
N7	- Coding Scheme Note 7	185
N8	- Coding Scheme Note 8	185
N8_01	- Coding Scheme Note 8_01	186
N9	- Coding Scheme Note 9	186
NHFF	- Stratum sample size.....	149
ONTIME	- Responded within 8 weeks of mail-out.....	182
OUTCATCH	- Out of catchment area indicator	196
PATCAT	- Aggregated beneficiary category.....	152
PCM	- Primary manager code (civilian or military)	151
PNSEXCD	- Person gender.....	150
PNTYPECD	- Person type code	152
POSTCELL	- Poststratification cell for new weights	201
QUARTER	- Survey quarter	149
RACEETHN	- Race/Ethnic code	150
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)	151
S19009	- Had the same personal doctor before joining this health plan	176
S19010	- Since joined health plan, how much of a problem, if any, was it to get personal doctor you are happy with?	176
S19011	- Agree/disagree: Able to see provider when needed.....	176
S19014	- How satisfied with health care during last visit.....	176
S19B01	- Self rate of overall mental/emotional health	177
S19BF4	- How often do you use e-cigarettes.....	177
S19BQ01	- Do you plan to continue to use the same health plan as of January 1, 2019 (for calendar year 2019)?.....	177
S19BQ02A	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Life event (such as marriage/ divorce), new jobs, retirement, or moved	177
S19BQ02B	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My employer offered new health plans.....	178
S19BQ02C	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Your or your family's health needs changed	178
S19BQ02D	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: I had expensive medical bills for services not covered by my insurance	178
S19BQ02E	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: You wanted a plan with a lower annual deductible.....	178
S19BQ02F	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My doctor charged me more than my insurance would pay and I had to pay the difference.....	178
S19BQ02G	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: A doctor's office told me they do not accept my insurance	179
S19BQ02H	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: - I had to contact my insurance company because they did not pay a bill promptly or denied payment	179
S19BQ02I	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My copays (a fixed dollar amount for primary or specialty care visits) were more than I could afford.....	179

Variable	Label	Page
S19BQ02J	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: - I didn't have enough doctors to choose from within the network.....	179
S19BQ02K	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My premiums or enrollment fees were more than I could afford.....	179
S19BQ02L	- Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Other.....	180
S19BQ03A	- What health plan will you be covered by and use for calendar year 2019: TRICARE Prime.....	180
S19BQ03B	- What health plan will you be covered by and use for calendar year 2019: TRICARE Select.....	180
S19BQ03C	- What health plan will you be covered by and use for calendar year 2019: US Family Health Plan (USFHP).....	180
S19BQ03D	- What health plan will you be covered by and use for calendar year 2019: Veterans Administration (VA).....	180
S19BQ03E	- What health plan will you be covered by and use for calendar year 2019: The Federal Employee Health Benefits Plan (FEHBP).....	181
S19BQ03F	- What health plan will you be covered by and use for calendar year 2019: Medicare and TRICARE for Life.....	181
S19BQ03G	- What health plan will you be covered by and use for calendar year 2019: Medicaid.....	181
S19BQ03H	- What health plan will you be covered by and use for calendar year 2019: Other civilian insurance coverage.....	181
S19BQ03I	- What health plan will you be covered by and use for calendar year 2019: Space available care at a military facility.....	181
S19BQ03J	- What health plan will you be covered by and use for calendar year 2019: Don't know.....	182
S19BQ03K	- What health plan will you be covered by and use for calendar year 2019: No insurance coverage.....	182
SEXSMPL	- Sex sampling variable.....	141
SRAGE	- What is your age now?.....	175
SREDA	- Highest grade completed.....	173
SRRACEA	- Race: White.....	175
SRRACEB	- Race: Black or African American.....	175
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.....	183
SVCSMPL	- Branch of service sampling variable.....	141
TNEXREG	- TRICARE next generation of contracts region grouping.....	149
TNEXREG	- TRICARE next generation of contracts region grouping.....	193
USA	- CONUS/OCONUS indicator.....	196
WEB	- Web survey indicator.....	183
XBENCAT	- Beneficiary category.....	194
XBMICAT	- Body mass index category.....	197
XBNFGRP	- Constructed beneficiary group.....	197
XENR_PCM	- Enrollment by PCM type.....	193
XENR_RSV	- Enrollment by PCM type - reservist.....	195
XENRLLMT	- Enrollment in TRICARE prime.....	193
XINS_COV	- Insurance coverage.....	194
XINS_RSV	- Insurance coverage - reservist.....	195
XOCONUS	- Overseas Europe/Pacific/Latin indicator.....	196
XREGION	- Region.....	195
XSERVAFF	- Service affiliation.....	198
XSEXA	- Male or female (recode).....	197

Variable	Label	Page
XTNEXRG2	- Revised TNEX Region - Definitions changed as of FY2019	196

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

Chapter

1

Introduction

This Codebook and Users' Guide provides a tool for programmers and analysts to assist them in creating cross-tabulations and basic statistical estimates from the Quarter I, 2019 Adult Health Care Survey of DoD Beneficiaries (HCSDB). It is intended to assist users in creating tables and generating analyses above and beyond those associated with this project.

Beginning with 2006, reporting and documentation of the HCSDB are performed on a fiscal year basis. In previous years, reporting and documentation were based on calendar years. Thus, the current codebook describes the Quarter I, 2019 dataset for fiscal year 2019. Throughout, 2019 Quarter I dataset refers to the fiscal year 2019.

This version of the Codebook and User's Guide describes the Quarter I data set. It contains frequency counts of all variables in the first quarter of fiscal year 2019.

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 2019 Health Care Survey of DoD Beneficiaries: Adult Technical Manual," available in late 2019 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 2019 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 2018. 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 2019 questions and the questions from the 2011, 2012, 2013, 2014, 2015, 2016, 2017, and 2018 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 2019, 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 I Supplements

- **Health Plan.** Questions in this supplement ask whether the respondent intends to continue with the same health plan this calendar year, and if the respondent is switching plans, they are asked about their reason(s) for switching. Respondents are also asked by what health plan they will be covered during this calendar year.

- **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.
- **Electronic Cigarettes.** The question in this supplement asks whether the respondent uses electronic cigarettes every day, some days, or not at all.
- **Mental or Emotional Health.** The question in this supplement asks respondents to rate their mental or emotional health.

Sample Design Overview

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

- Everyone in the Uniformed Services and on Active Duty (Army, Air Force, Navy, Marine Corps, Coast Guard, the Commissioned Corps of the Public Health Service, National Oceanic and Atmospheric Administration, Guard/Reserve personnel who are activated for a period in excess of 30 days), and other special categories of people who qualify for benefits
- Those who retired from military careers
- Immediate family members of people in the previous two categories
- Surviving family members of people from the first two categories.

A stratified sample design was used to select DoD health care beneficiaries for the Quarter I, 2019 Adult HCSDB. Specific information on the sample design can be found in "Health Care Survey of DoD Beneficiaries: 2019 Adult Sampling Report", Mathematica Policy Research, Washington, D.C.

From a sample of 100,881 beneficiaries, 8,800 adult MHS beneficiaries completed and returned a 2019 Adult HCSDB questionnaire for the first quarter, yielding a response rate of 8.8 percent. Information on developing response rates will be found in the "2019 Health Care Survey of DoD Beneficiaries: Adult Technical Manual".

Other Documents on the 2019 HCSDB

This document is intended for programmers and analysts using the Quarter I, 2019 Adult HCSDB data. The following is a list of other documents that may be requested from the Defense Health Agency Office:

- 2019 Health Care Survey of DoD Beneficiaries: Adult Technical Manual (Available late 2019)
- 2019 Health Care Survey of DoD Beneficiaries: TRICARE Annual Report (Available late 2019)

Chapter
2

Survey of Adults

This chapter presents information on the survey administration cycle for the Quarter I, 2019 Adult Health Care Survey of DoD Beneficiaries (HCSDB), with specific details on the survey mailing cycle and the number of surveys returned.

A. SURVEY OPERATIONS ACTIVITIES

The Health Care Survey of DoD Beneficiaries (HCSDB) converted from a mail survey with Internet option in previous years to an all-Internet survey in FY2014. Beginning in Quarter III of FY2015, a sub-sample of beneficiaries – excluding Active Duty, Guard/Reserve, and some Inactive Guard/Reserve with e-mail addresses – received a paper questionnaire along with the reminder letter in addition to the mail version of the pre-notification letter. In Quarter I, 2019, the sub-sample receiving the paper questionnaire consisted of 37,531 beneficiaries who had not yet responded to the survey halfway through the 16 week field period. In addition, in Quarter 1, 2019, a special letter was sent to family members of current or former service members in an effort to specifically target this low responding group.

Operational support for the Quarter I, 2019 HCSDB involved two mailings to all beneficiaries on October 5, 2018 and November 9, 2018 and ten emailings to Active Duty members from October 16, 2018 to January 22, 2019. 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 I survey period. Each email included the service members' password for the survey.

B. SAMPLE

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

The Quarter I, 2019 sample contained 100,881 records. This quarter the HCSDB invitation letter was mailed/emailed out to 100,488 respondents. The remaining 393 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 (301=HCSDB FY19Q1)

Digits 4-10 – Sequential ID #

Digits 11-14 - Wave Marker (9101=invite, 9102=reminder letter only, 9112=reminder with questionnaire)

Digit 15 – Check Digit

Control Number (MIQ) - 10-digit unique identifier

Digits 1-3 – Study Marker (301=HCSDB FY19Q1)

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 FY19Q1 the first digit was 6.

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 I, 2019

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

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
SURVEY INVITATION LETTER	16614	38202	2411	6494	907	2036	15251	16740	1706	127	100488
NCOA Updated CHCS	217 0.22%	262 0.26%	30 0.03%	21 0.02%	3 0.00%	1 0.00%	67 0.07%	60 0.06%	5 0.00%	1 0.00%	667 0.66%
Original CHCS	6193 6.16%	7403 7.37%	544 0.54%	357 0.36%	47 0.05%	25 0.02%	3301 3.28%	3368 3.35%	213 0.21%	11 0.01%	21462 21.36%
NCOA Updated Residence	461 0.46%	2419 2.41%	88 0.09%	368 0.37%	51 0.05%	156 0.16%	401 0.40%	661 0.66%	87 0.09%	14 0.01%	4706 4.68%
Original Residence	9546 9.50%	27996 27.86%	1696 1.69%	5731 5.70%	804 0.80%	1846 1.84%	11482 11.43%	12608 12.55%	1390 1.38%	99 0.10%	73198 72.84%
NCOA Updated Sponsor	0 0.00%	3 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%	5 0.00%
Original Sponsor	0 0.00%	119 0.12%	0 0.00%	17 0.02%	0 0.00%	8 0.01%	0 0.00%	42 0.04%	10 0.01%	2 0.00%	198 0.20%
Original Unit	197 0.20%	0 0.00%	53 0.05%	0 0.00%	2 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	252 0.25%

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)	Dependent of Active Duty (DA)	Guard/Reserve (GRD)	Dependent of Guard/Reserve (DGR)	Inactive Guard/Reserve (IGR)	Dependent of Inactive Guard/Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
REMINDER LETTER	15385	37100	2205	6328	867	1985	13828	15866	1599	103	95266
Respondent/USPS Update	214 0.22%	612 0.64%	29 0.03%	69 0.07%	17 0.02%	29 0.03%	103 0.11%	114 0.12%	8 0.01%	1 0.00%	1196 1.26%
Default CHCS	221 0.23%	339 0.36%	21 0.02%	20 0.02%	6 0.01%	10 0.01%	93 0.10%	99 0.10%	14 0.01%	0 0.00%	823 0.86%
Original CHCS Address	5357 5.62%	6959 7.30%	450 0.47%	336 0.35%	43 0.05%	23 0.02%	2905 3.05%	3109 3.26%	196 0.21%	10 0.01%	19388 20.35%
Default Residence	895 0.94%	2846 2.99%	141 0.15%	425 0.45%	53 0.06%	169 0.18%	555 0.58%	842 0.88%	105 0.11%	15 0.02%	6046 6.35%
Original Residence	8269 8.68%	25876 27.16%	1484 1.56%	5417 5.69%	743 0.78%	1733 1.82%	10172 10.68%	11518 12.09%	1241 1.30%	69 0.07%	66522 69.83%
Default Sponsor	1 0.00%	468 0.49%	0 0.00%	61 0.06%	0 0.00%	21 0.02%	0 0.00%	184 0.19%	35 0.04%	6 0.01%	776 0.81%
Default Unit	428 0.45%	0 0.00%	80 0.08%	0 0.00%	5 0.01%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	2 0.00%	515 0.54%

E. SURVEY ADMINISTRATION TIMELINE

Quarter I

Event	Date
File Receipt	20 Sept
NCOA Update	21 Sept
Invitation letter	5 Oct
Email 1 reminder to AD	16 Oct
Altarum-DEERS Update	26 Oct
Email 2 reminder to AD	23 Oct
Email 3 reminder to AD	30 Oct
Email 4 reminder to AD	6 Nov
Reminder letter	9 Nov
Email 5 reminder to AD	13 Nov
Email 6 reminder to AD	20 Nov
Email 7 reminder to AD	4 Dec
Email 8 reminder to AD	18 Dec
Email 9 reminder to AD	8 Jan
Email 10 reminder to AD	22 Jan
Close of Field	31 Jan
File to MPR	15 Feb

F. DISPOSITION CODES

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

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

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

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

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

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

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

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

Table 2.2

Frequency of Disposition by Beneficiary Category – Total Sample – Quarter I, 2019

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/Reserve (GRD)	Dependent of Guard/Reserve (DGR)	Inactive Guard/Reserve (IGR)	Dependent of Inactive Guard/Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
RETURNED	2239	1483	402	265	87	85	2616	1881	203	3	9264
Completed (1)	2239 2.22%	1483 1.47%	402 0.40%	265 0.26%	87 0.09%	85 0.08%	2616 2.59%	1881 1.86%	203 0.20%	3 0.00%	9264 9.18%
Ineligible (2)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Temporarily Ill or Incapacitated (3)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Deceased (4)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Incarcerated or Permanently Incapacitated (5)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Left Military or divorced after initial sample pull, retired (6)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Not Eligible after initial sample pull (7)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Other Eligible (8)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
No Reason (9)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
No RETURN	12211	34877	1797	6042	780	1893	12058	13939	1307	91	84995
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)	1 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	8 0.01%	9 0.01%	12 0.01%	0 0.00%	31 0.03%

2019 HEALTH CARE SURVEY OF DOD BENEFICIARIES – QUARTER I

2.2 (continued)

	Active Duty (ACT)	Dependent of Active Duty (DA)	Guard/ Reserve (GRD)	Dependent of Guard/ Reserve (DGR)	Inactive Guard/ Reserve (IGR)	Dependent of Inactive Guard/ Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
Deceased (12)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%
Incarcerated or Permanently Incapacitated (13)	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	3 0.00%	1 0.00%	0 0.00%	6 0.01%
Left Military or divorced after survey start, retired (14)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Not Eligible as of survey start (15)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
Other Eligible (16)	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	0 0.00%	2 0.00%
No Reason (17)	12210 12.10%	34874 34.56%	1797 1.78%	6042 5.99%	780 0.77%	1893 1.88%	12047 11.94%	13927 13.80%	1294 1.28%	91 0.09%	84955 84.18%
PND	2205	1791	253	195	45	52	588	930	192	11	6262
No Address Remaining (18)	716 0.71%	642 0.64%	82 0.08%	79 0.08%	11 0.01%	20 0.02%	258 0.26%	170 0.17%	54 0.05%	4 0.00%	2036 2.02%
Address Remains at Close of Field (19)	1407 1.39%	1132 1.12%	128 0.13%	101 0.10%	26 0.03%	30 0.03%	327 0.32%	758 0.75%	137 0.14%	7 0.01%	4053 4.02%
No Address at Start of Mailing (20)	82 0.08%	17 0.02%	43 0.04%	15 0.01%	8 0.01%	2 0.00%	3 0.00%	2 0.00%	1 0.00%	0 0.00%	173 0.17%
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)	Dependent of Active Duty (DA)	Guard/Reserve (GRD)	Dependent of Guard/Reserve (DGR)	Inactive Guard/Reserve (IGR)	Dependent of Inactive Guard/Reserve (IDG)	Retiree (RET)	Dependent of Retiree (DR)	Survivor (DS)	Other (OTH)	Total
DEPLOYED	0	0	0	0	0	0	0	0	0	0	0
Returned Blank (23)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
No Return (24)	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%
SAMPLE REFRESH	93	187	4	11	5	10	18	13	9	47	397
Deceased Indicated by Altarum-DEERS Update (25)	0 0.00%	3 0.00%	0 0.00%	1 0.00%	0 0.00%	0 0.00%	13 0.01%	7 0.01%	1 0.00%	0 0.00%	25 0.02%
Not Eligible Indicated by Altarum-DEERS Update (26)	93 0.09%	184 0.18%	4 0.00%	10 0.01%	5 0.00%	10 0.01%	5 0.00%	6 0.01%	8 0.01%	47 0.05%	372 0.37%
TOTALS	16748	38338	2456	6513	917	2040	15280	16763	1711	152	100918
YIELD RATE	13.37%	3.87%	16.37%	4.07%	9.49%	4.17%	17.12%	11.22%	11.86%	1.97%	9.18%

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

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 2019 Adult HCSDB data file are listed below and summarized in Table 3.1. The naming conventions remain constant across the three quarters of the 2019 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 ("19") 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 ("19"). 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 2019 HCSDB VARIABLES – QUARTER I

1 st Character: Survey Type	2 nd – 3 rd Characters: Survey Year	4 th – 6 th Characters: Question #	Additional Characters: Additional Information
H= Health Beneficiaries (18 and older, Adult Questionnaire) ----- S = Supplemental Question	19	001 to 031, 33-65, 71-73 ----- Quarter I 009-011, 014 – Supplemental questions about visits to the respondent’s healthcare provider. BF4 – Supplemental question about electronic cigarettes BQ01-BQ03 – Supplemental questions about current health plan and reasons for changing health plans	A to V are used to label responses associated with a multiple response question A to L 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 2020</i> variable	Descriptive text, e.g., HP_BP (had blood pressure screening in past two years and know the results)
R=Constructed restricted use variables	Descriptive text, e.g., RDAGEQY (Age at time of data collection-capped-grouped those 18 and below, 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 I appears in Appendix D. It contains detailed instructions for all editing procedures used to correct data inconsistencies and errors. Editing procedures check for appropriate response values and

consistent responses throughout the questionnaire. The steps to insure data quality include the following:

- **Initial Cleaning.** Missing value flags were encoded when Ipsos created the SAS dataset:
 - Skipped items were encoded with SAS missing value code of ‘.’.
- **Data Cleaning and Recoding of Variables – Implementation of the Coding Scheme.** Skip patterns were checked for consistency, and questions that were skipped legitimately were recoded with the SAS missing value of “.N”; questions that were answered, but should have been skipped, were recoded with a SAS missing value of “.C”. When possible, variables were backward coded or forward coded to make all responses consistent within a sequence. Numeric values were checked, and values that were out of range were flagged with the SAS missing value of “.O”.
- **Frequency Checks.** Formatted and unformatted frequency tables for all variables in Quarter I, 2019 Adult HCSDDB 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: H19003, H19005, H19006, H19009, H19013, H19018, H19019, H19027, H19028, H19031, H19033, H19040, H19043, H19048, H19051, H19052, H19065, H19073, SREDA, and the race indicator variables (SRRACEA-SRRACEE).

Weighting Procedures

The analysis of survey data from complex sample designs, such as the 2019 Adult HCSDDB, requires weights to do the following:

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

Basic sampling weights are equivalent to the reciprocal of the probability of each respondent’s selection into the sample. These basic sampling weights are further adjusted for nonresponse within the classes formed based on the percentiles of the propensity scores from the propensity model. Finally, we poststratified the nonresponse adjusted weights to the frame totals to obtain specific domain weighted totals equal to the population totals. Chapter 5 contains the weighted and unweighted frequencies for each variable in Quarter I. For further details on the 2019 weighting, see “2019 Health Care Survey of DoD Beneficiaries: Technical Manual”.

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

Programming Guide

This chapter is designed to help users create tables and variance estimates. Procedures for using SAS, SPSS, and SUDAAN to create estimates are explained. Examples provided in the text are based on the Quarter I, 2019 HCSDB dataset.

HOW TO MAKE A TABLE USING SAS

The Quarter I, 2019 Adult HCSDB dataset is provided in a Statistical Analysis System (SAS) 9 format. SAS is a computer software system used for data management, summarization, and analysis. A format library for the adult database is included along with the dataset. SAS can be run interactively or non-interactively (in batch mode), and the sample programs presented here can be run using either method. Special instructions are given later in the chapter for working interactively with the SAS Display Manager System in a Windows environment. All SAS programs generate a LOG and a LST file. The LOG file shows how SAS interprets your program and flags SAS syntax errors. The LST file shows the requested output.

File References, Libraries, and Options

SAS recognizes two types of datasets -- permanent and temporary. Permanent datasets, such as the HCSDB, are located through a LIBNAME that references the directory where the data is stored. For example, if the Quarter I, 2019 adult dataset is located on a CD-ROM in the subdirectory HCSDB19\FORMA\Q1, your LIBNAME statement must look like this:

```
LIBNAME INFORMA 'F:\HCSDB19\FORMA\Q1';
```

The adult dataset can then be referred to as INFORMA.HCSDB19, where INFORMA is the location of the file HCSDB19.

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:\HCSDB19\FORMA\Q1\FMTLIB';
```

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

```
OPTIONS PS=79 LS=132;
```

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

```
OPTIONS PS=50 LS=175 NOCENTER;
```

DATA Step

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

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

```
/* Active Duty males */  
IF 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 H19050 H19052;
```

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

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

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

```
LIBNAME INFORMA 'F:\HCSDB19\FORMA\Q1';  
DATA SVC_1;  
/* Input file is HCSDB19 */  
SET INFORMA.HCSDB19;  
IF SVCSMPL = 1;  
RUN;
```

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

```
LIBNAME INFORMA 'F:\HCSDB19\FORMA\Q1';  
LIBNAME OUT 'C:\HCSDB19\FORMA\Q1';  
DATA OUT.SVC_2;  
SET INFORMA.HCSDB19;  
IF SVCSMPL = 2;  
RUN;
```

PROC TABULATE

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

- N number of observations with nonmissing values
- NMISS number of observations with missing values
- MEAN the arithmetic mean
- SUM the sum
- PCTN percent that one frequency represents of another frequency
- PCTSUM percent that one sum represents of another sum

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

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

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

```
WHERE SVCSMPL = 1;
```

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

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

The WEIGHT statement identifies the numeric variable whose value is used for weighting each analysis variable. In the HCSDB for Quarter I, 2019, the weight variable is FWRWT.

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

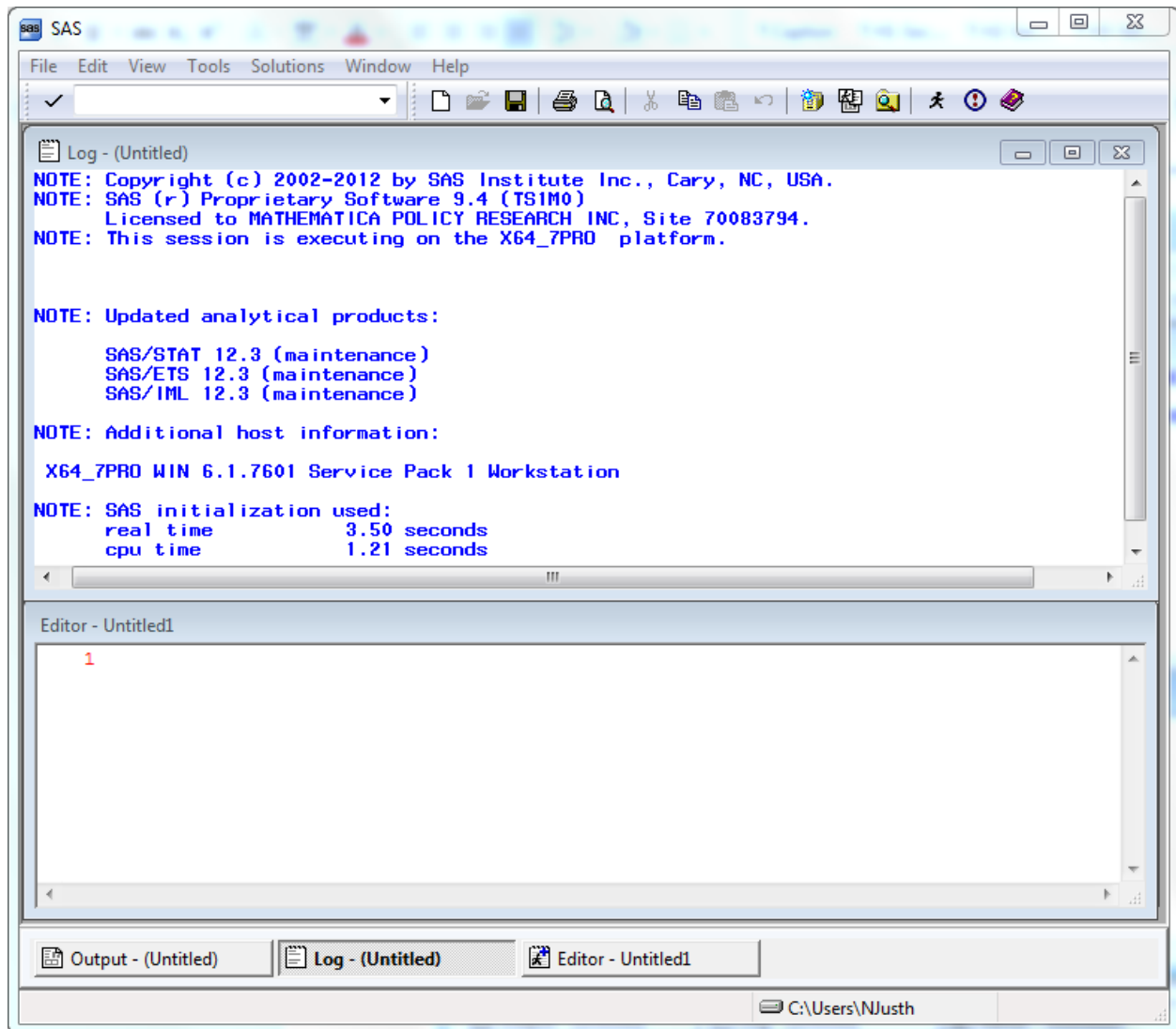
- Analysis variables

- Class variables
- The universal class variable ALL, which summarizes the class variables in the same group or dimension
- Keyword for the statistic to be performed, such as MEAN, SUM, or PCTSUM
- A format modifier, which defines how to format values in cells. For example, F=8.2 will present values with a maximum of 8 positions and 2 digits to the right of the decimal.
- Labels, which temporarily replace variable names and statistic keywords. These labels have the form =*label*; for example, XTNEXREG=TNEX Region' or MEAN=' ' (to eliminate the word MEAN from the headings).
- Crossing operator * (asterisk). The asterisk is used to cross elements within the same dimension. For example, you would use XENRLLMT*XSEXA to cross enrollment status by sex. The asterisk is also used to connect the statistic (e.g., MEAN, SUM) to the appropriate dimension; for example, to calculate the mean of respondents' satisfaction with all health care in the last 12 months, you would use H19018*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 H19018 H19048.
- Grouping is accomplished with parentheses. Below is an example of grouping, concatenation, and crossing within a single dimension:

(XBNFGRP ALL)*XSEXA

The SAS Display Manager System

The SAS Display Manager system provides an interactive tool for running SAS commands, like those given above, in the Windows environment. Double clicking the SAS icon on the desktop begins the SAS session. When you first enter SAS version 9, the following screen opens.

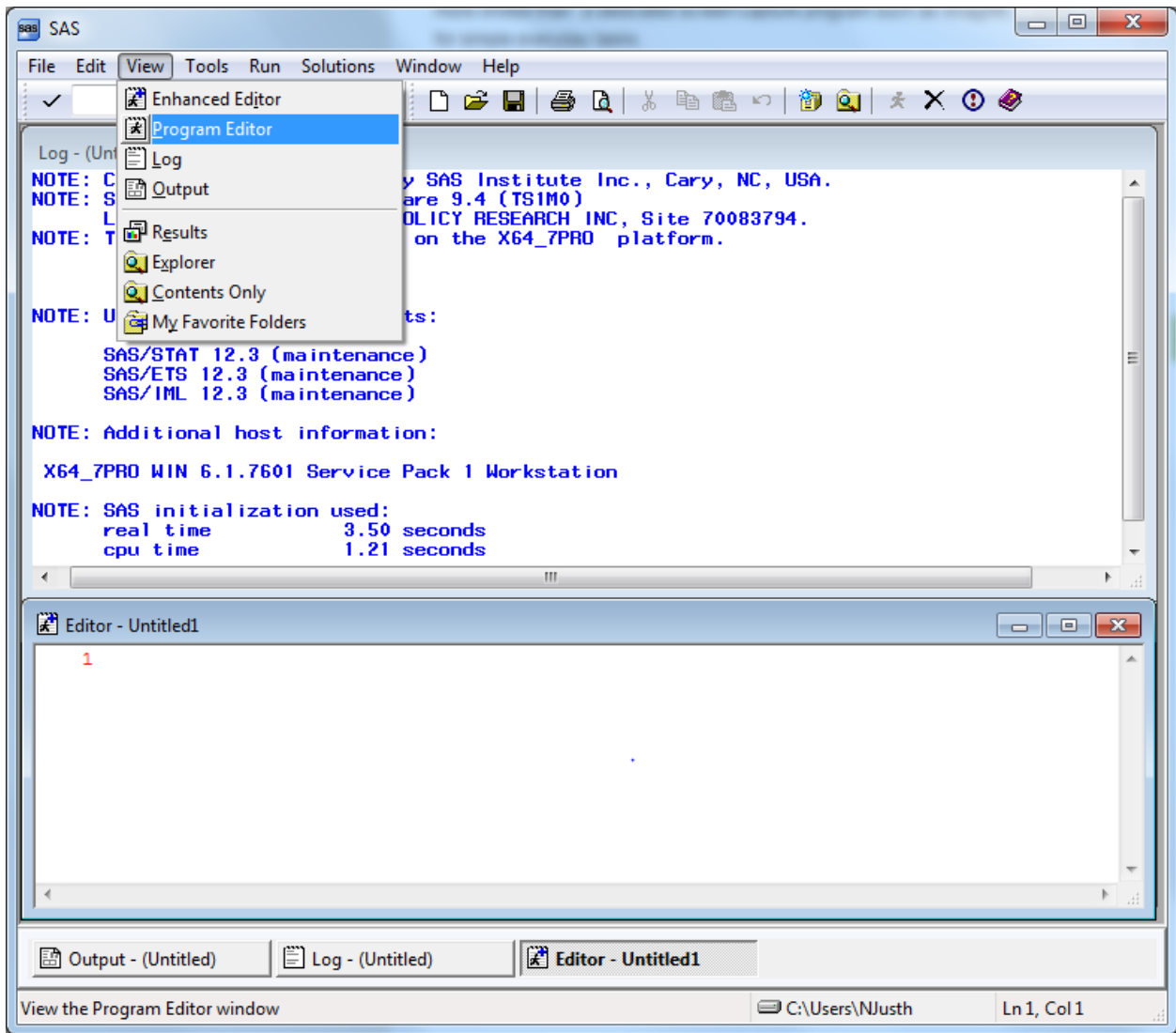


The screen is divided into two windows, a Log window above and an Editor window below.

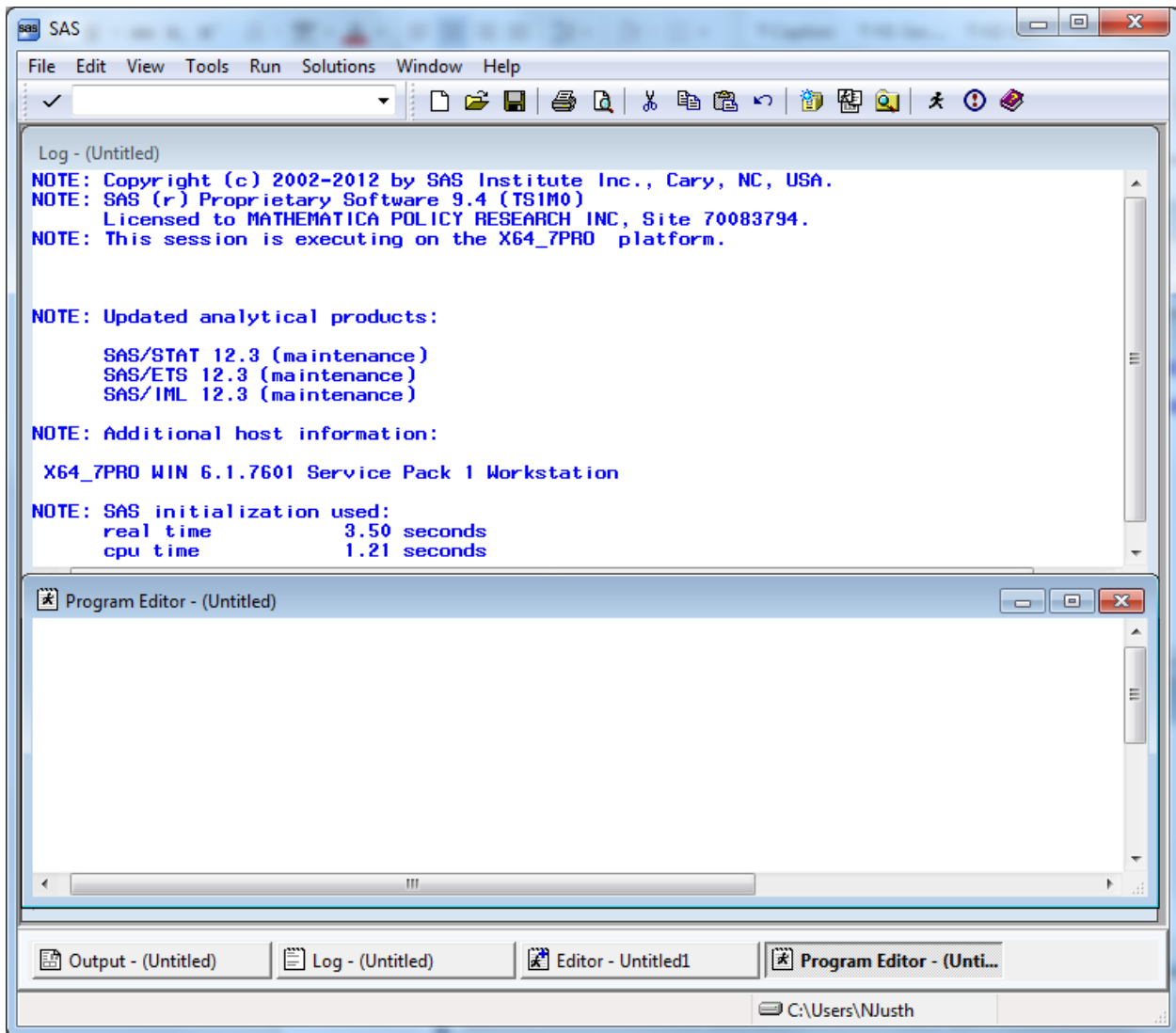
The Window Bar at the bottom of the screen includes tabs for the Log and Editor windows with an additional tab for the Output Window. Clicking on the Output tab will open the Output window. The instructions in this document will outline options for setting up the Editor and for displaying the windows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

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

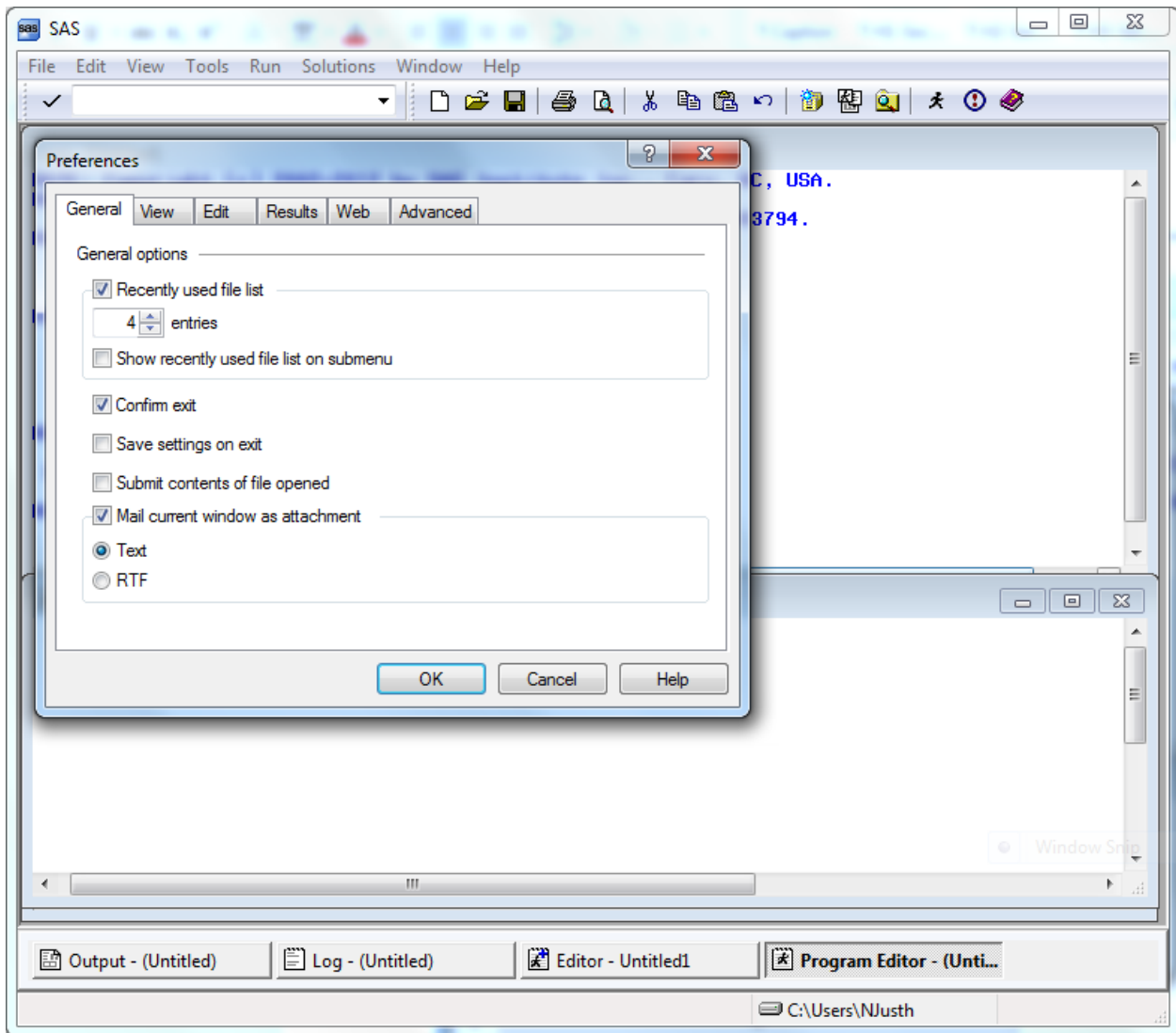
Click on View and select Program Editor as in the following:



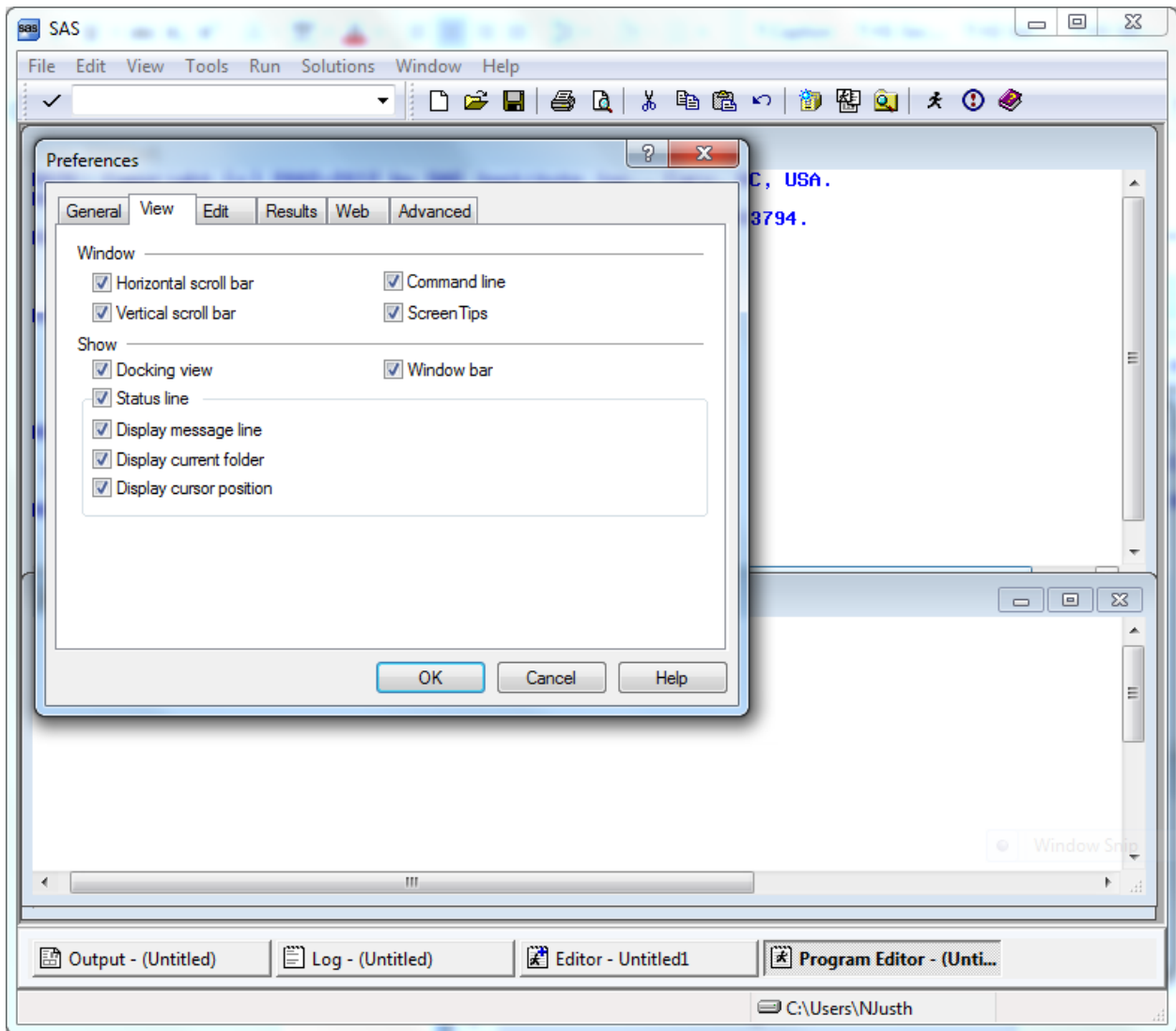
The lower Editor Window has now changed to Program Editor as in the following screen:



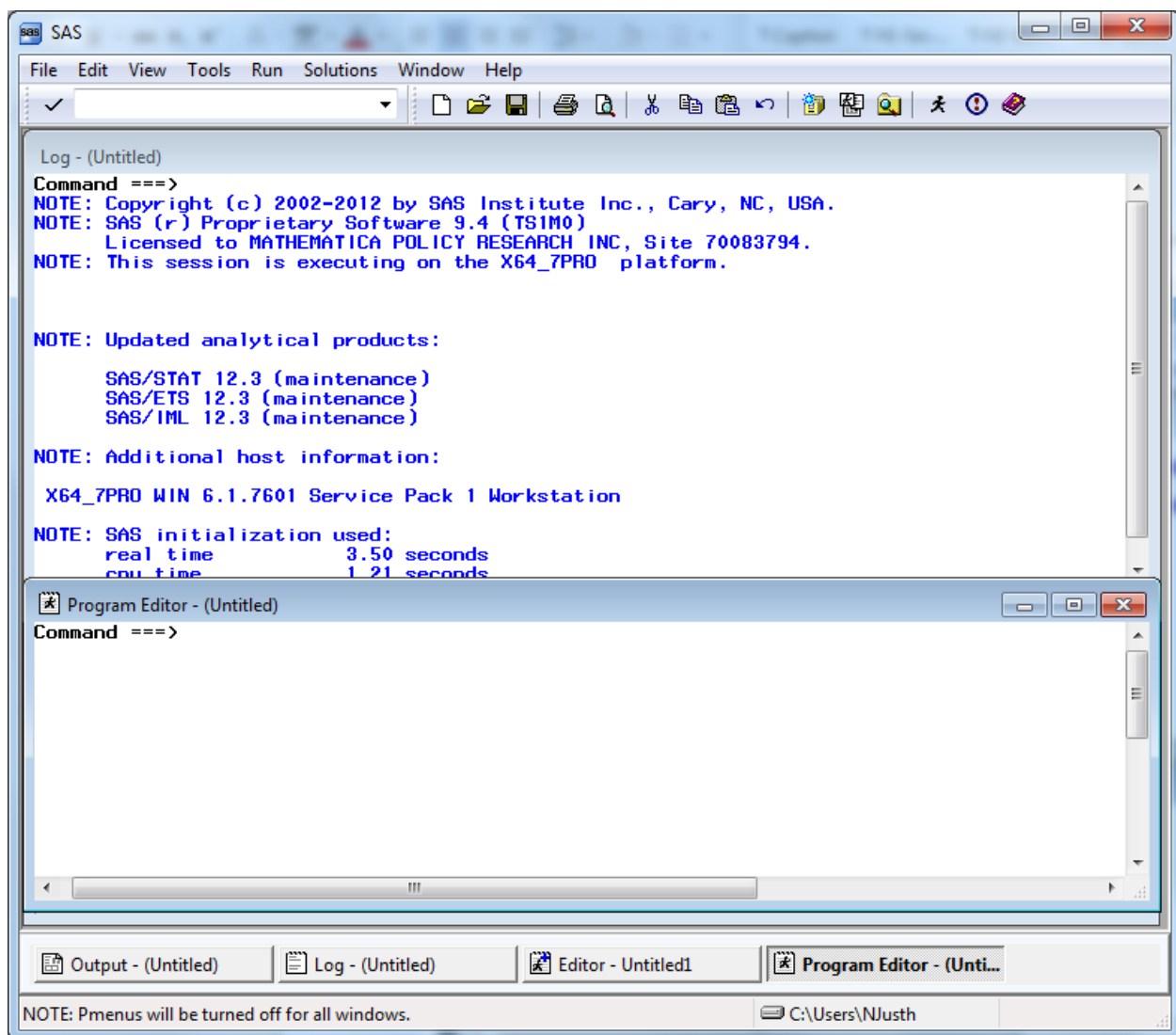
Open the Tools menu and choose Options and Preferences.



Many of these settings are system default options. To add a command line to the three windows, do the following. Click on the View tab and click in the box opposite **Command Line** as follows:



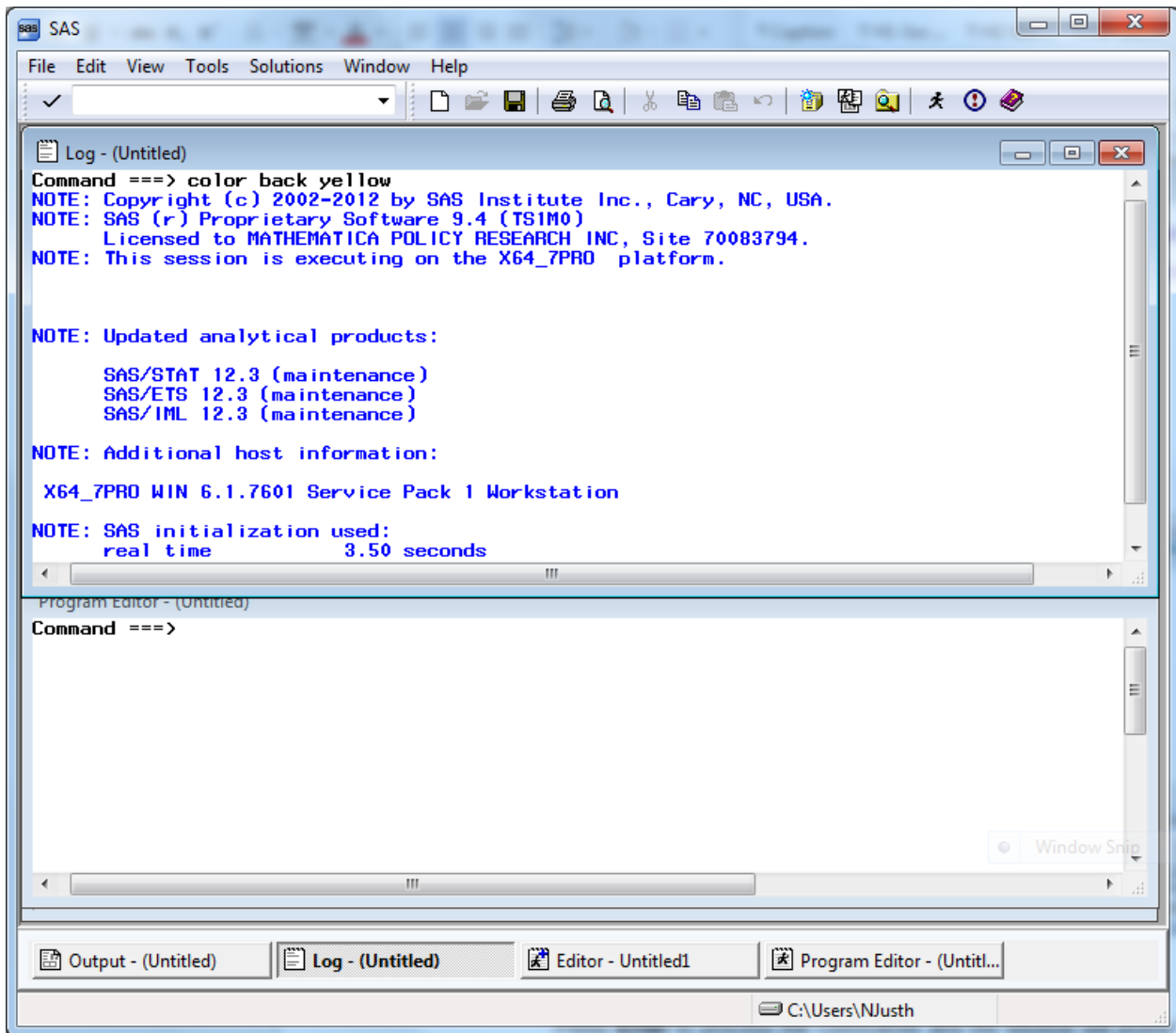
Click on OK and a command line will be added as in the screen below.



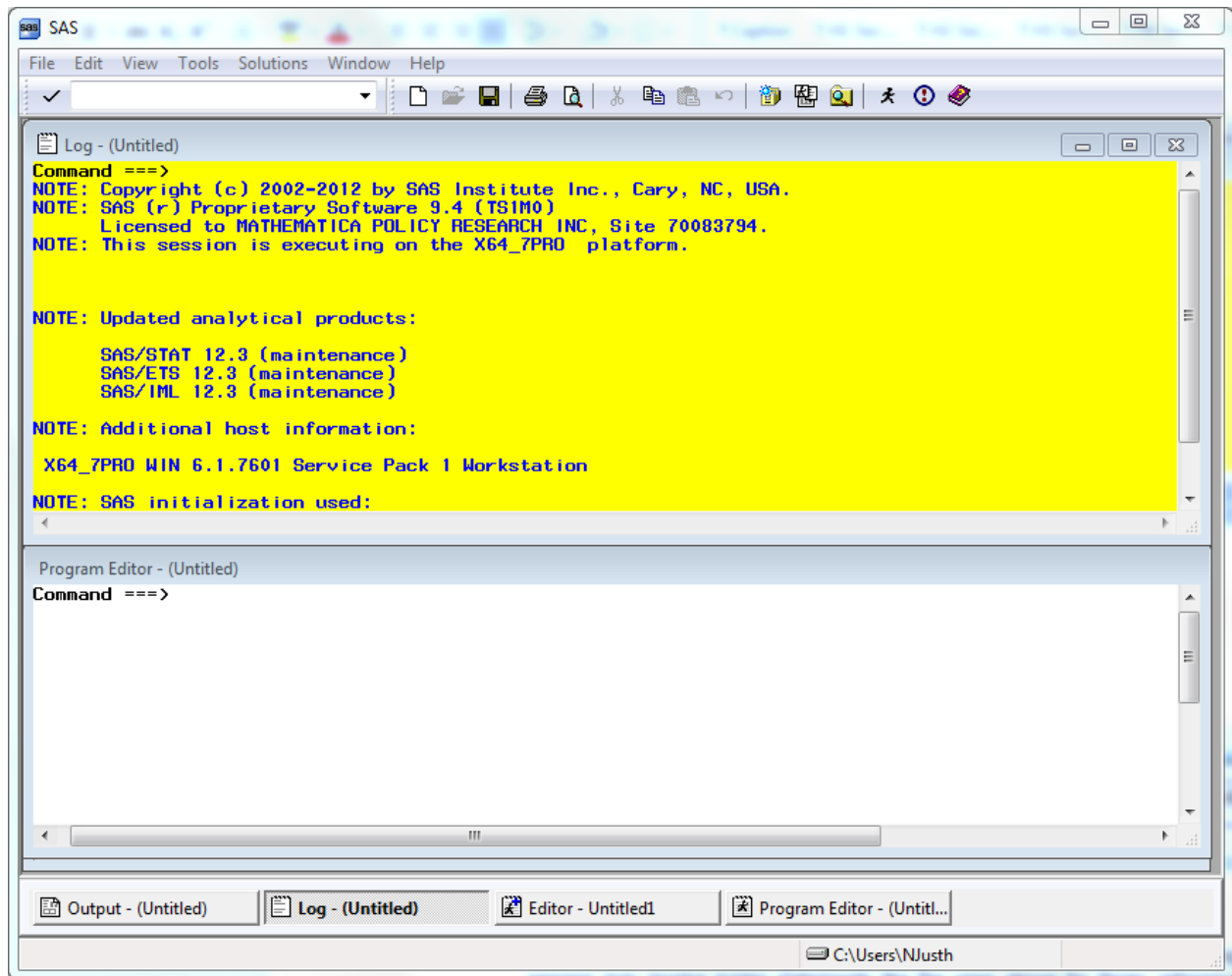
Each window shows the word **Command** followed by an arrow. Commands may be typed at this location. To arrive at the command line, depress the **Home** button on your keyboard. The cursor will appear opposite the arrow.

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

In order to more easily distinguish between the SAS windows, it may be preferable to change the background color of selected windows. As an example, set the background color of the Log window to yellow and the Output window to gray. Press the **Home** key to arrive at the command line. Type **Log** opposite the arrow to toggle to the Log window. Type the command, **color back yellow** (or some other color) on the command line. Your screen will resemble the following.

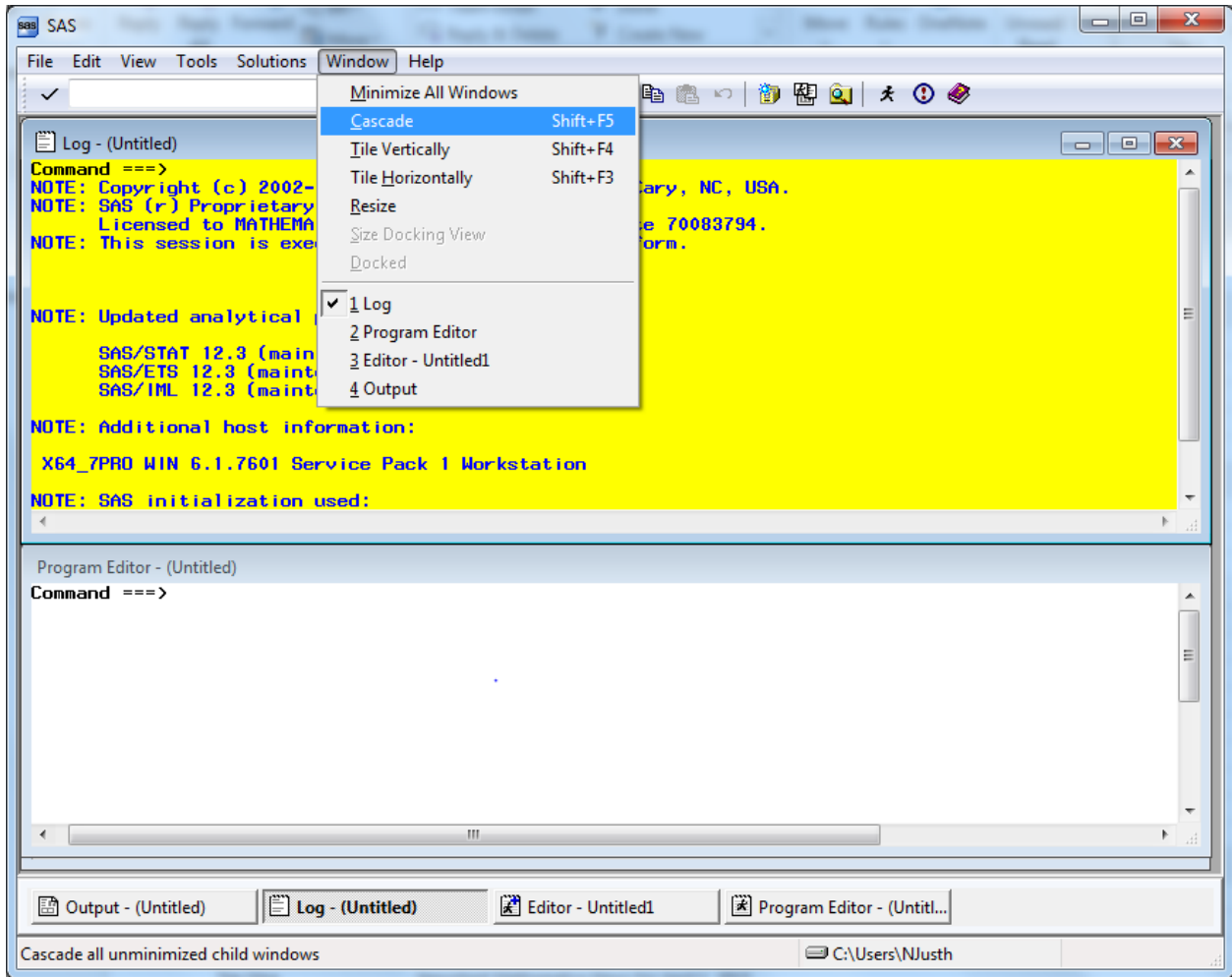


Press **Enter** to process the commands and the window will shade to yellow. Toggle to the Output window by typing **Out** and keying **Enter**. Type **color back gray** and key **Enter**. Return to the Program Editor and the screen will look like the following.

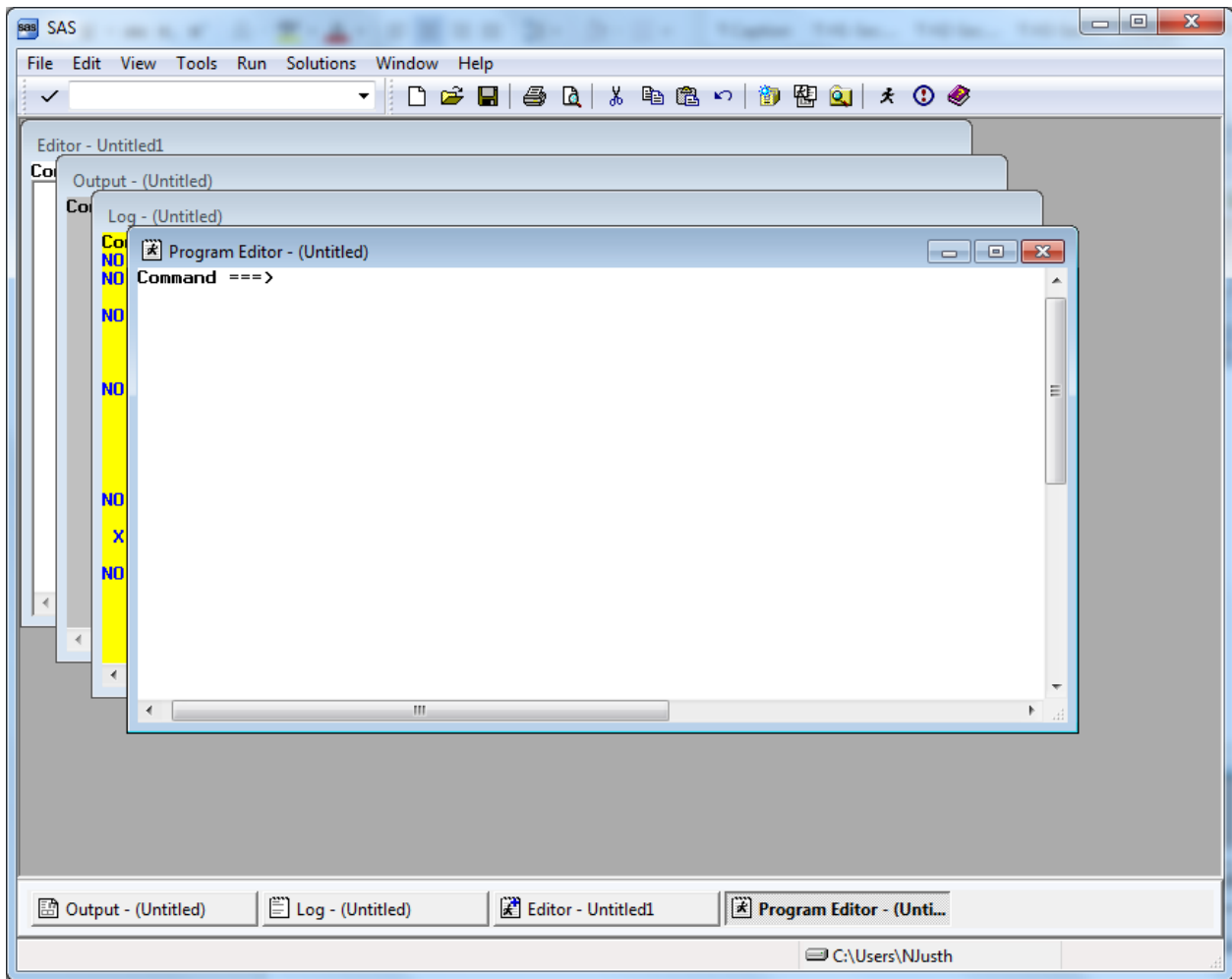


All SAS statements for building and processing SAS datasets are typed into the Program editor. A SAS session may involve typing statements like the ones above for library reference, computing new variables, data steps, etc. Entering a long series of statements in such a small space may be awkward, so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

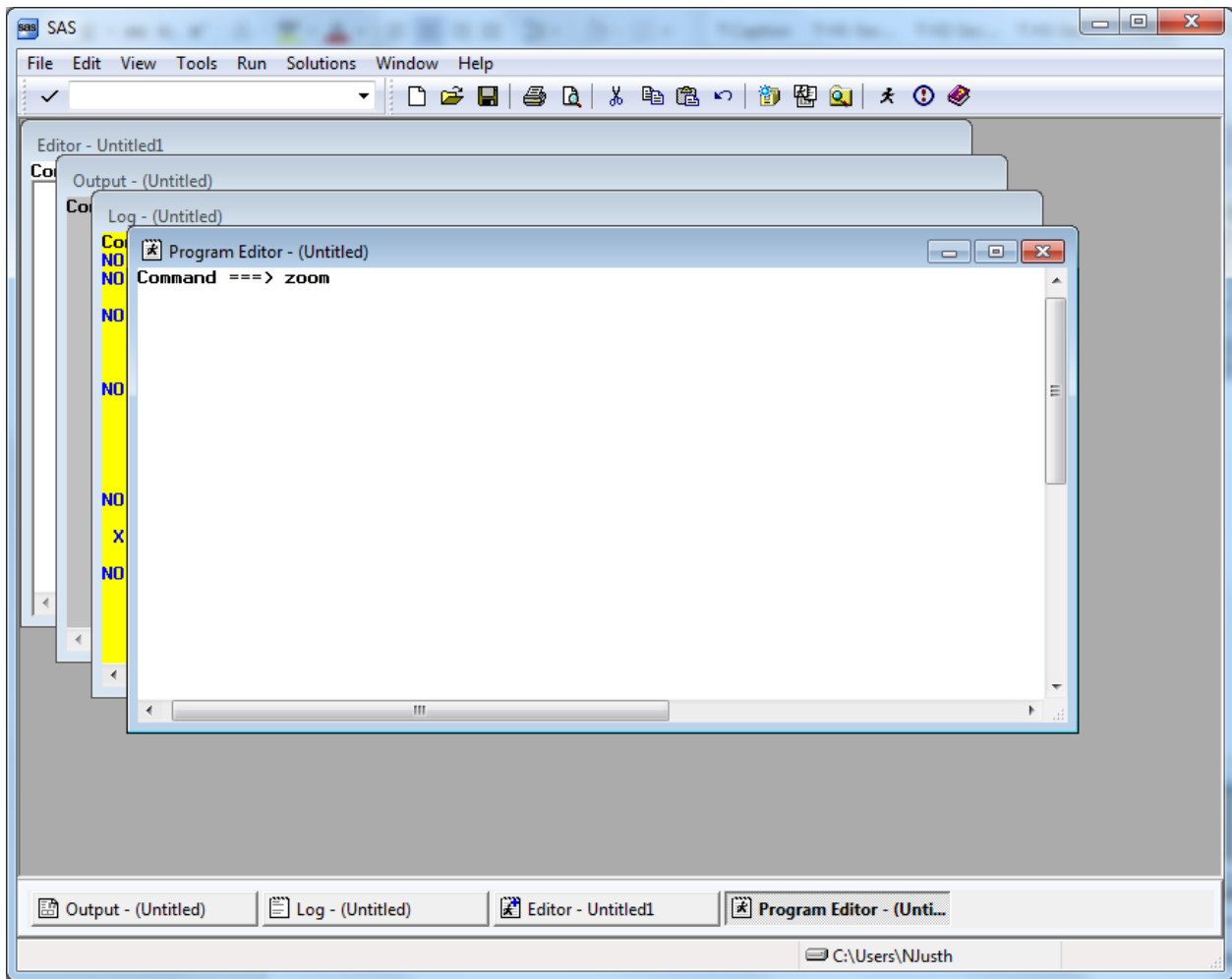
Cascading the windows is one option. To cascade the windows, open the **Window** menu, and choose **Cascade** as indicated in the following.



Clicking the option Cascade produces the following result.

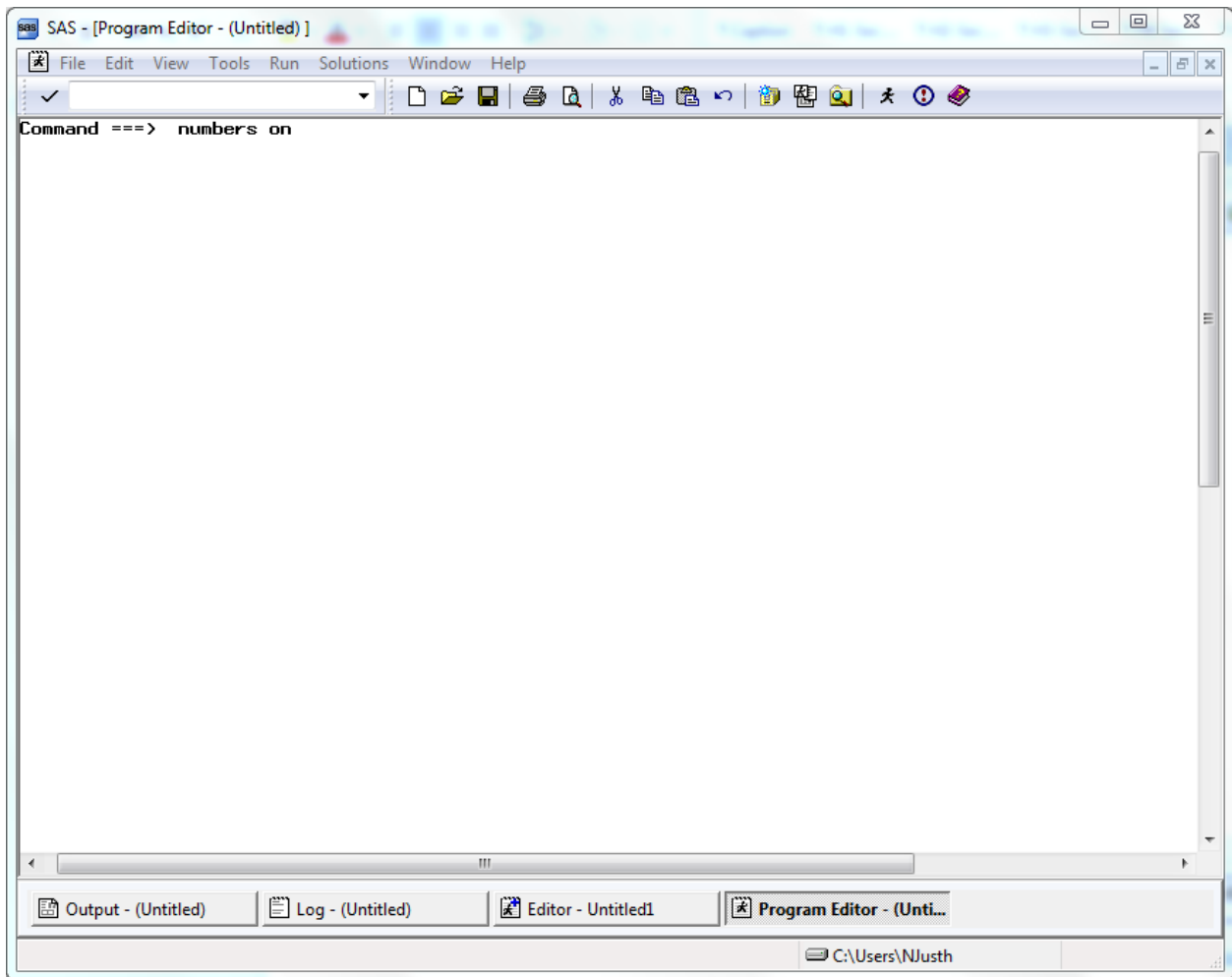


Each window is partly superimposed on the other. The colors distinguish between windows at a glance. With the Program Editor in front, SAS statements may be typed there with relative ease. As a final option, you can enlarge the Program Editor to fill the entire screen. At the command line, type **zoom**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

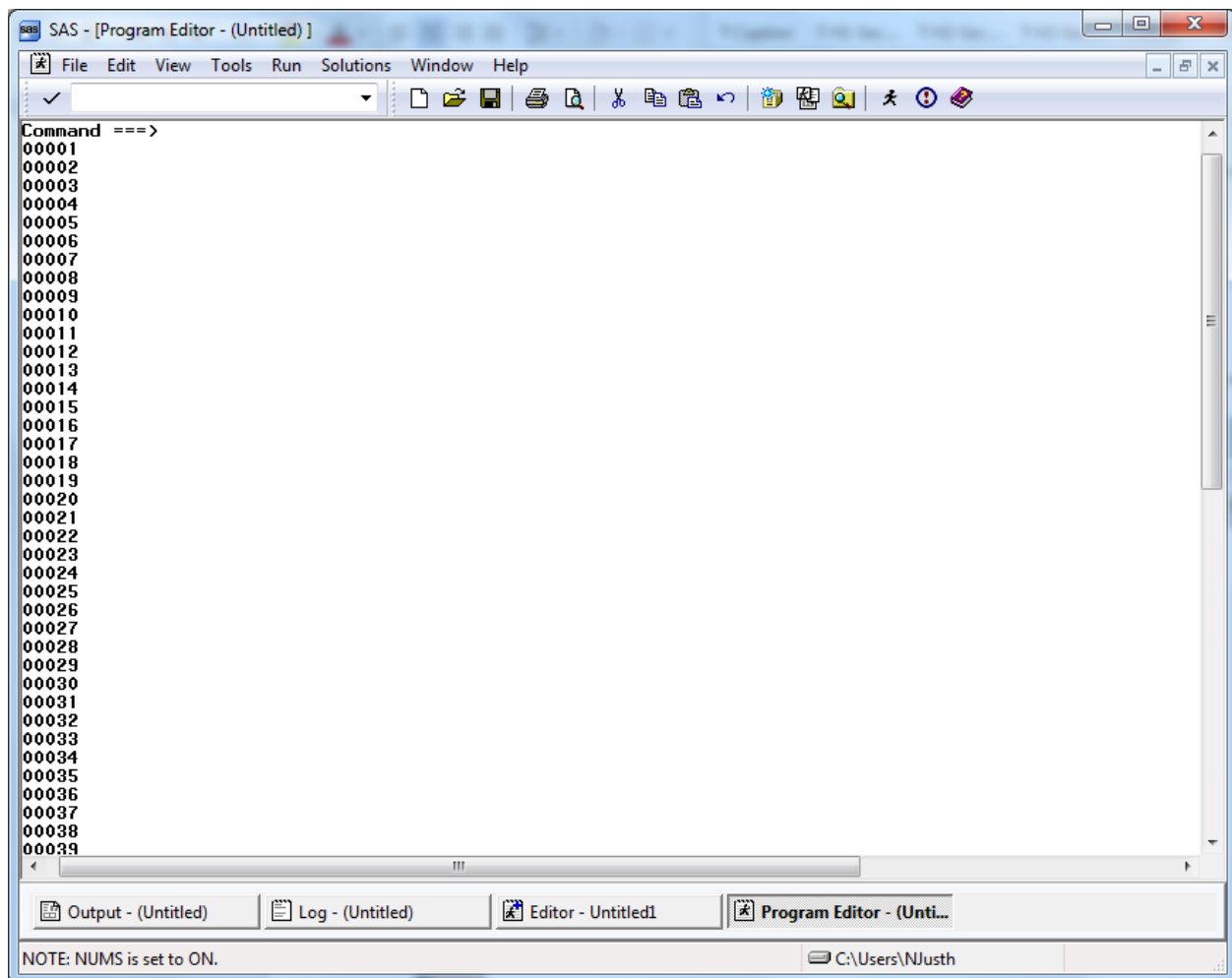


The window changes to fill the screen.

One more option for customizing screens is explained below. This involves adding line numbers to the editing environment in the Program Window. After adding the line numbers, many useful line-editing commands become available (see the SAS Manual). At the **Command** line type “numbers on” as in the following screen.



The line numbers appear at the left of the full screen Program Editor as in the screen below, and the SAS statements can be typed into the screen and edited.



Below is an example of a PROC TABULATE to construct a table of health status and health care rating by beneficiary group and gender for respondents in TNEC 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 (H19018 and H19065) 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 2019';
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
PROC TABULATE DATA=IN.HCS191_1;
WHERE XTNECRG2 = 1; /* limit to TNEC Region 1 */
CLASS XBNFGRP XSEXA;
VAR H19018 H19065;
WEIGHT FWT;
TABLE (H19018 H19065)*MEAN, /* Row Dimension */
       XBNFGRP*(XSEXA ALL) ALL; /* Column Dimension */
TITLE "Table 4.1";
TITLE2 "Constructed Beneficiary Group by Gender for TNEC 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.

```

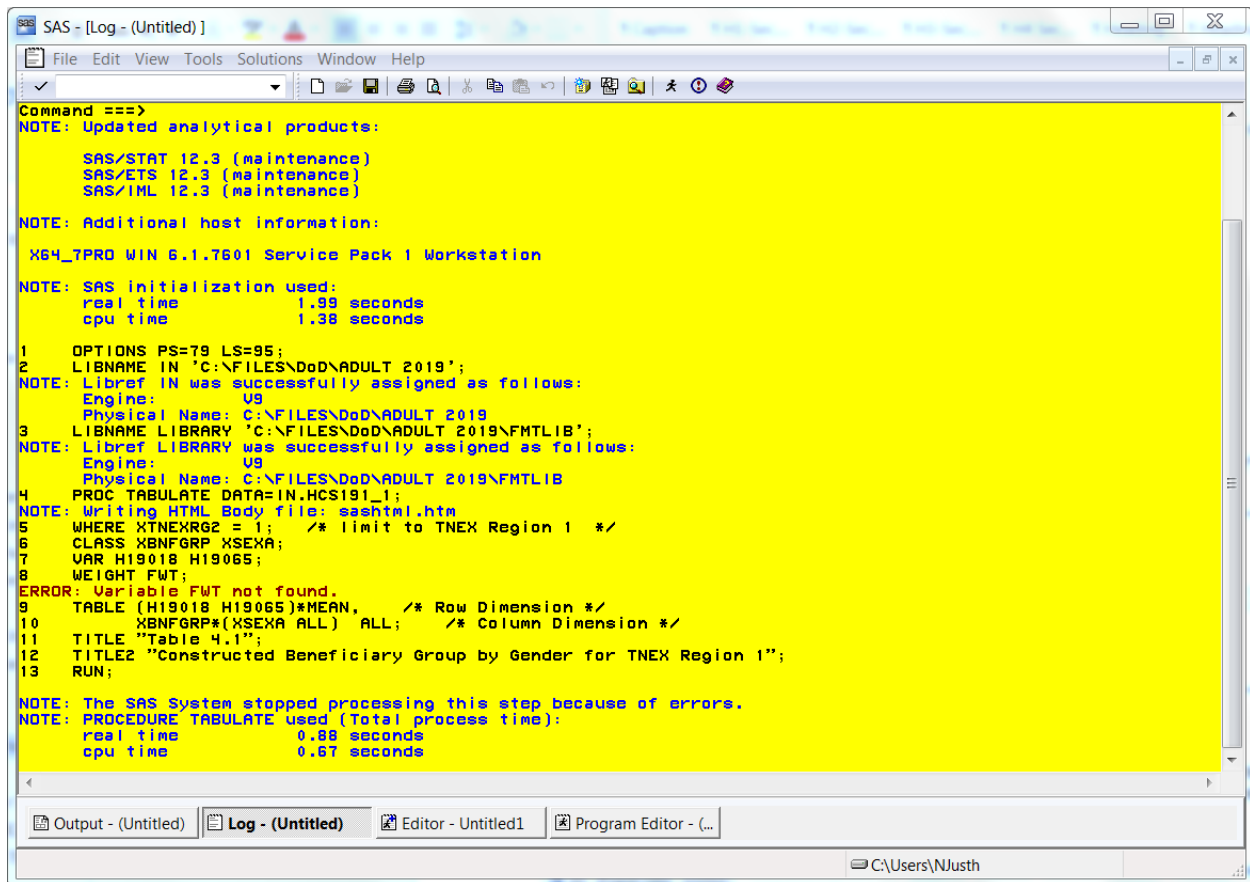
Command ==> SUBMIT
00001  OPTIONS PS=79 LS=95;
00002  LIBNAME IN 'C:\FILES\DoD\ADULT 2019';
00003  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
00004  PROC TABULATE DATA=IN.HCS191_1;
00005  WHERE XTNEXRQ2 = 1; /* limit to TNEX Region 1 */
00006  CLASS XBNFGRP XSEX;
00007  VAR H19018 H19065;
00008  WEIGHT FWT;
00009  TABLE (H19018 H19065)*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
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038

```

NOTE: 13 Line(s) recalled.

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 ==>
NOTE: Updated analytical products:
      SAS/STAT 12.3 (maintenance)
      SAS/ETS 12.3 (maintenance)
      SAS/IML 12.3 (maintenance)

NOTE: Additional host information:
      X64_7PRD WIN 6.1.7601 Service Pack 1 Workstation

NOTE: SAS initialization used:
      real time      1.99 seconds
      cpu time       1.38 seconds

1  OPTIONS PS=79 LS=95;
2  LIBNAME IN 'C:\FILES\DoD\ADULT 2019';
NOTE: Libref IN was successfully assigned as follows:
      Engine:          US
      Physical Name:   C:\FILES\DoD\ADULT 2019
3  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
NOTE: Libref LIBRARY was successfully assigned as follows:
      Engine:          US
      Physical Name:   C:\FILES\DoD\ADULT 2019\FMTLIB
4  PROC TABULATE DATA=IN.HCS191_1;
NOTE: Writing HTML Body file: sashtml.htm
5  WHERE X'BNFGRP = 1; /* limit to TNEX Region 1 */
6  CLASS X'BNFGRP XSEXA;
7  VAR H19018 H19065;
8  WEIGHT FWT;
ERROR: Variable FWT not found.
9  TABLE (H19018 H19065)*MEAN, /* Row Dimension */
10 X'BNFGRP*(XSEXA ALL) ALL; /* Column Dimension */
11 TITLE "Table 4.1";
12 TITLE2 "Constructed Beneficiary Group by Gender for TNEX Region 1";
13 RUN;

NOTE: The SAS System stopped processing this step because of errors.
NOTE: PROCEDURE TABULATE used (Total process time):
      real time      0.88 seconds
      cpu time       0.67 seconds

```

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.

Table 4.1
Constructed Beneficiary Group by Gender for TNEC 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 last yr	Mean	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	8.98	9.07	8.34	
In general, how would you rate overall health	Mean	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	3.53	3.48	3.53	

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			Male or Female - R	
		Male	Female	All	Male	Female
Rating of all health care in 1st yr	Mean	7.26	7.08	7.21	8.07	7.68
In gnrl, how would you rate overall hlth	Mean	3.76	3.59	3.72	4.09	3.69

(Continued)

Table 4.1
Constructed Beneficiary Group by Gender for TNEX Region 1

		Beneficiary Group				
		Family of Active <65			Ret/Surv/Fam 65+	
		Male or Female - R			Male or Female - R	
		All	Male	Female	All	Male
Rating of all health care in 1st yr	Mean	7.71	8.35	8.46	8.41	9.14
In gnrl, how would you rate overall hlth	Mean	3.72	3.34	3.51	3.43	3.45

(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	8.98	9.07	8.34
In gnrl, how would you rate ovrall hlth	Mean	3.53	3.48	3.53

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 2019\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 2019';  
LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';  
PROC TABULATE DATA=IN.HCS191_1;  
WHERE XTNEXRG2 = 1; /* limit to TNEX Region 1 */  
CLASS XBNFGRP XSEXA;  
VAR H19018 H19065;  
WEIGHT FWRWT;  
TABLE (H19018 H19065)*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.

```

Command ==> SUBMIT
00001  OPTIONS PS=79 LS=95;
00002  LIBNAME IN 'C:\FILES\DoD\ADULT 2019';
00003  LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
00004  PROC TABULATE DATA=IN.HCS191_1;
00005  WHERE XTNEXRQ2 = 1; /* limit to TNEX Region 1 */
00006  CLASS XBNFGRP XSEXA;
00007  VAR H19018 H19065;
00008  WEIGHT FWRWT;
00009  TABLE (H19018 H19065)*MEAN= ' *F=6.2, /* Row Dimension */
00010  /* Column Dimension */
00011  XBNFGRP= ' *(XSEXA='Gender' ALL='Group Total')
00012  ALL='Total';
00013  TITLE "Table 4.2";
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
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038

```

NOTE: 10 modified lines replaced. C:\Users\NJusth

After the **Submit** command is entered, the following table is displayed in the Results Viewer window.

Table 4.2
Constructed Beneficiary Group by Gender for TNEC 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	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	8.98	9.07	8.34
In gnrl, how would you rate overall hith	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	3.53	3.48	3.53

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/S-
										urv/F-
										am 65+
	Gender		Group	Gender		Group	Gender		Group	Gender
Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	
Rating of all health care in 1st yr	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14
In gnrl, how would you rate ovrall hlth	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45

(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	8.98	9.07	8.34
In gnrl, how would you rate ovrall hlth	3.53	3.48	3.53

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

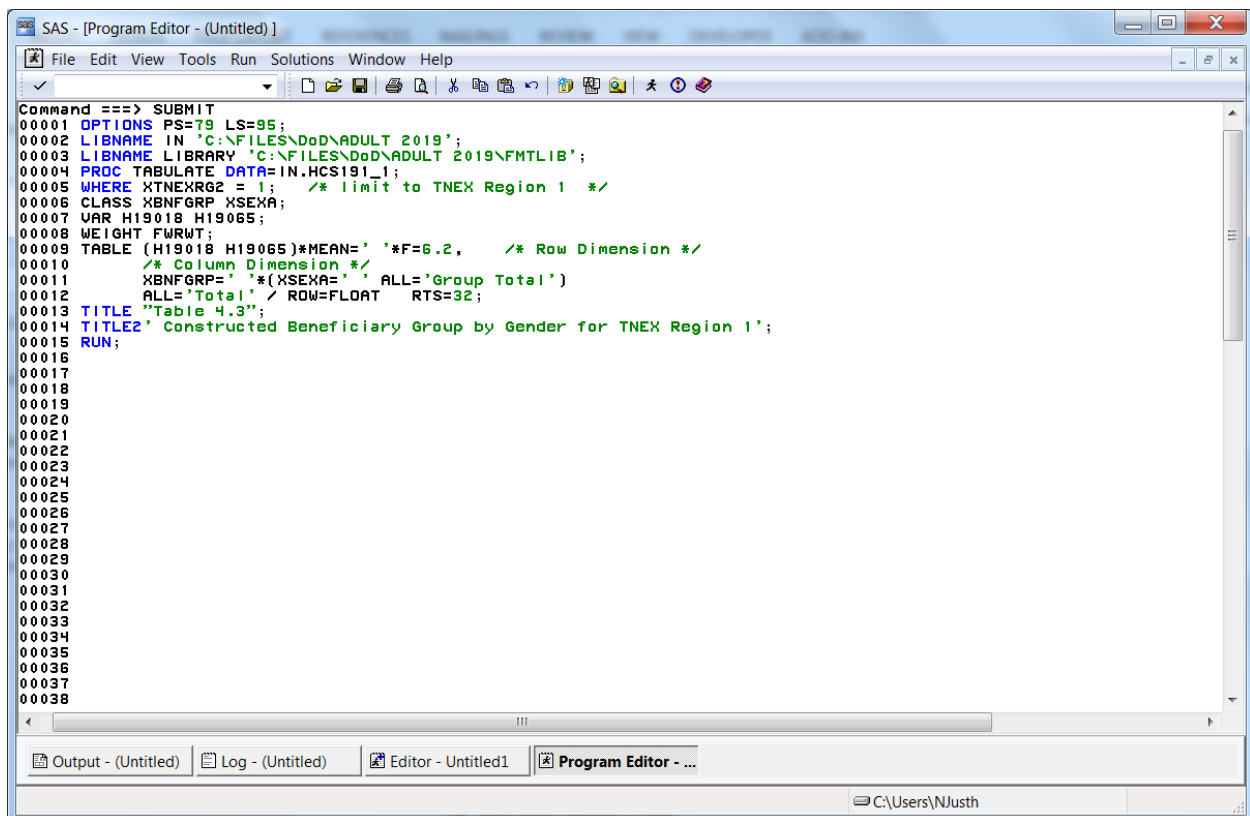
```
OPTIONS PS=79 LS=95;
LIBNAME IN 'C:\FILES\DoD\ADULT 2019';
```

```

LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
PROC TABULATE DATA=IN.HCS191_1;
WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
CLASS XBNFGRP XSEX;
VAR H19018 H19065;
WEIGHT FWRWT;
TABLE (H19018 H19065)*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.



```

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 2019';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS191_1;
00005 WHERE XTNEXR2 = 1; /* limit to TNEX Region 1 */
00006 CLASS XBNFGRP XSEX;
00007 VAR H19018 H19065;
00008 WEIGHT FWRWT;
00009 TABLE (H19018 H19065)*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
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038
Output - (Untitled) Log - (Untitled) Editor - Untitled1 Program Editor - ...
C:\Users\NJusth

```

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

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	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	8.98	9.07	8.34
In gnr1, how would you rate overall hlth	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	3.53	3.48	3.53

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 | | | | | | |
|          |-----+-----+-----|
|          |   |   | Group |   |   | Group |   |   | Group |
|          | Male|Female|Total | Male|Female|Total | Male|Female|Total |
|-----+-----+-----+-----+-----+-----+-----+-----|
|Rating of all health care in |   |   |   |   |   |   |   |   |   |
|1st yr                       | 7.26| 7.08| 7.21| 8.07| 7.68| 7.71| 8.35| 8.46| 8.41|
|-----+-----+-----+-----+-----+-----+-----+-----|
|In gnr1, how would you rate |   |   |   |   |   |   |   |   |   |
|ovrral hlth                 | 3.76| 3.59| 3.72| 4.09| 3.69| 3.72| 3.34| 3.51| 3.43|
|-----+-----+-----+-----+-----+-----+-----+-----|
    
```

(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	9.14	8.98	9.07	8.34
	+	+	+	+
In gnrl, how would you rate				
ovrall hlth	3.45	3.53	3.48	3.53

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 H19052, '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 H19052 ALL='Total',
(All='Region Total' SVCSMPL=' ')*(N='#'*F=5.0 PCTN<H19052 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 2019';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS191_1;
00005 WHERE XTNEXR62 = 2; /* limit to Region 2 */
00006 CLASS H19052 SUCSMPL;
00007 WEIGHT FWRWT;
00008 TABLE H19052 ALL='Total',
00009 (ALL='Region Total', SUCSMPL=' ')*
00010 (N='*'F=5.0 PCTN<H19052 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
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038
Output - (Untitled) Log - (Untitled) Editor - Untitled1 Program Editor - ...
NOTE: 15 Line(s) recalled. C:\Users\NJusth
    
```

The submitted statements produce the following output.

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

	Region Total		Army		Navy		Marine Corps		Air Force		Coast Guard		Other/Unknown	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Smoked at least 100 cigarettes in life														
Yes	821	28.14	235	29.56	187	29.08	32	20.00	344	27.74	19	34.55	4	16.00
No	2097	71.86	560	70.44	456	70.92	128	80.00	896	72.26	36	65.45	21	84.00
Total	2918	100.00	795	100.00	643	100.00	160	100.00	1240	100.00	55	100.00	25	100.00

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

```

-----
|                                     |Region Total|   Army   |   Navy   |Marine Corps| Air Force |
|                                     |-----+-----+-----+-----+-----+
|                                     | # | % | # | % | # | % | # | % | # | % |
|-----+-----+-----+-----+-----+
|Smoked at least 100|
|cigarettes in life|
|-----+-----+-----+-----+-----+
|Yes                 |      821| 28.14| 235| 29.56| 187| 29.08| 32| 20.00| 344| 27.74|
|-----+-----+-----+-----+-----+
|No                  |     2097| 71.86| 560| 70.44| 456| 70.92| 128| 80.00| 896| 72.26|
|-----+-----+-----+-----+-----+
|Total               |     2918|100.00| 795|100.00| 643|100.00| 160|100.00| 1240|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/Unkno-|
|                                     |-----+-----+-----+
|                                     | # | % | # | % |
|-----+-----+-----+-----+

```

Smoked at least 100 cigarettes in life				

Yes	19	34.55	4	16.00

No	36	65.45	21	84.00

Total	55	100.00	25	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 H19052 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 2019 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 2019';
00003 LIBNAME LIBRARY 'C:\FILES\DoD\ADULT 2019\FMTLIB';
00004 PROC TABULATE DATA=IN.HCS191_1;
00005 WHERE XTNEXR62 = 2; /* Limit to Region 2 */
00006 CLASS H19052 XENRLLMT XSEXA;
00007 var FWRWT;
00008 TABLE H19052 ALL='Total',
00009 XENRLLMT='*(XSEXA=', ALL='Group Total')*FWRWT=' *
00010 (sum='*'*F=6.0 PCTsum<XENRLLMT*XSEXA XENRLLMT*ALL>='*'*F=5.2)
00011 /RTS=16;
00012 TITLE 'Table 4.5';
00013 TITLE2 'Have You Ever Smoked At Least 100 Cigarettes In Your Entire Life';
00014 TITLE3 'by TRICARE Prime Enrollment and Gender';
00015 TITLE4 'TNEX Region 2 Only';
00016 RUN;
00017
00018
00019
00020
00021
00022
00023
00024
00025
00026
00027
00028
00029
00030
00031
00032
00033
00034
00035
00036
00037
00038
Output - (Untitled) Log - (Untitled) Editor - Untitled1 Program Editor - ...
C:\Users\NJusth
    
```

These commands produce the following output.

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

	Active Duty - under 65						Enrolled - under 65						Not enrolled - under 65							
	Male		Female		Group Total		Male		Female		Group Total		Male		Female		Group Total			
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%		
Smoked at least 100 cigarettes in life																				
Yes	82548	12.93	23700	3.71	106248	16.64	65777	10.30	94673	14.83	160450	25.13	49184	7.70	43392	6.80	92576	14.50	14	
No	245772	16.51	152684	10.26	398456	26.77	124722	8.38	313105	21.03	437827	29.41	122389	8.22	167867	11.28	290256	19.50	11	
Total	328320	15.44	176384	8.29	504704	23.73	190498	8.96	407778	19.17	598277	28.13	171573	8.07	211259	9.93	382832	18.00	28	

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

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

See Table 4.5 to view the entire table.

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

	Active Duty - under 65						Enrolled - under 65						
	Male		Female		Group Total		Male		Female		Group Total		
	#	%	#	%	#	%	#	%	#	%	#	%	
Smoked at least 100 cigarettes in life													
Yes	82548	12.93	23700	3.71	106248	16.64	65777	10.30	94673	14.83	160450	25.13	
No	245772	16.51	152684	10.26	398456	26.77	124722	8.38	313105	21.03	437827	29.41	
Total	328320	15.44	176384	8.29	504704	23.73	190498	8.96	407778	19.17	598277	28.13	

(Continued)

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

	Not enrolled - under 65						Not enrolled - 65 or over						
	Male		Female		Group Total		Male		Female		Group Total		
	#	%	#	%	#	%	#	%	#	%	#	%	
Smoked at least 100 cigarettes in life													
Yes	49184	7.70	43392	6.80	92576	14.50	146656	22.97	87400	13.69	234056	36.66	
No	122389	8.22	167867	11.28	290256	19.50	138276	9.29	166420	11.18	304696	20.47	
Total	171573	8.07	211259	9.93	382832	18.00	284932	13.40	253820	11.93	538752	25.33	

(Continued)

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

	Enrolled - 65 or over					
	Male		Female		Group Total	
	#	%	#	%	#	%
Smoked at least 100 cigarettes in life						
Yes	32817	5.14	12226	1.92	45043	7.06
No	40941	2.75	16409	1.10	57350	3.85
Total	73758	3.47	28634	1.35	102393	4.81

HOW TO MAKE A TABLE USING SPSS

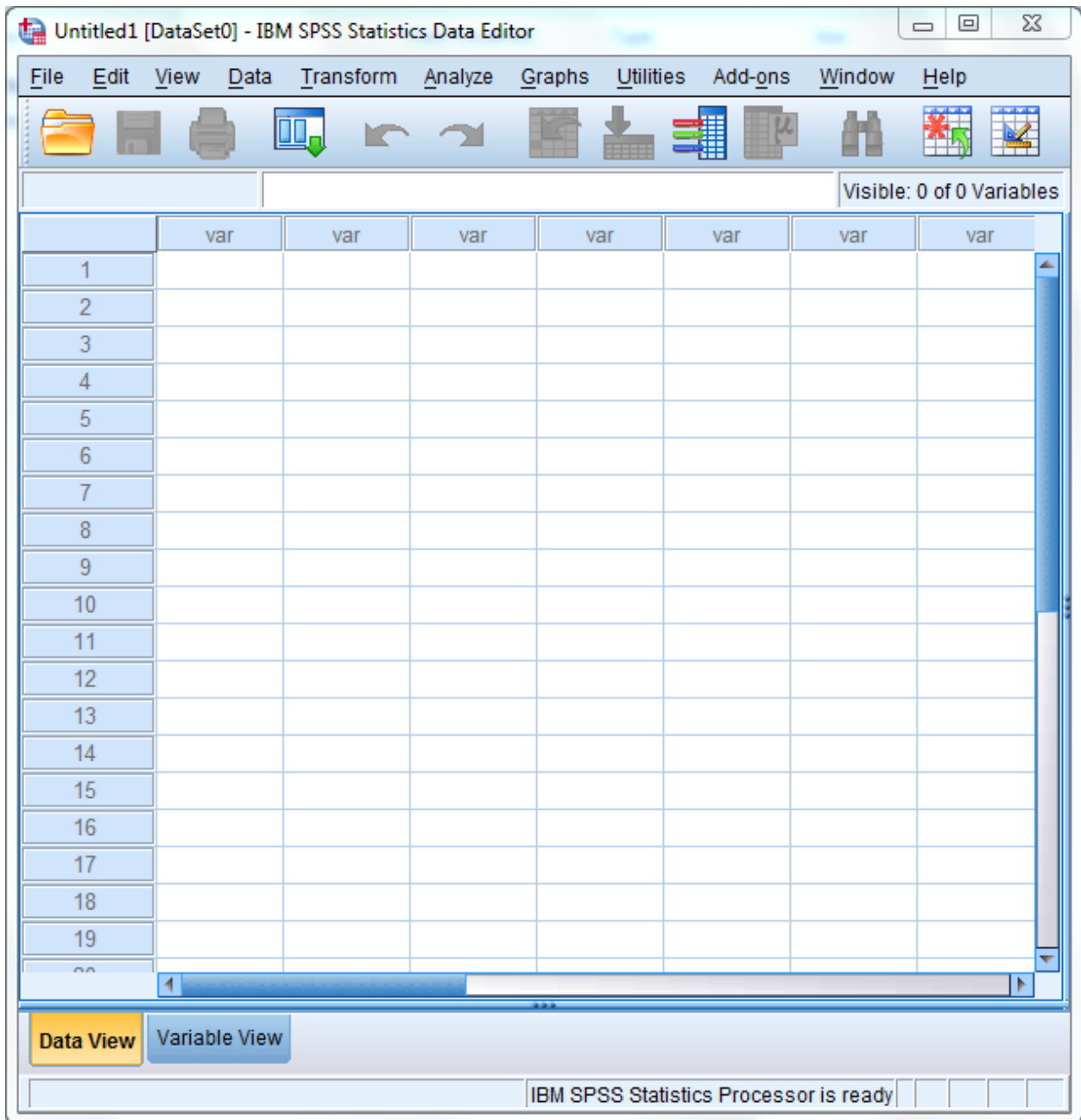
The Quarter I, 2019 Adult HCSDB dataset is available in an SPSS format. SPSS is a computer software system used for data management, summarization, and analysis. SPSS can be run interactively, using menus, or in batch mode, using syntax commands. This guide instructs users on how to use SPSS dialog boxes to:

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

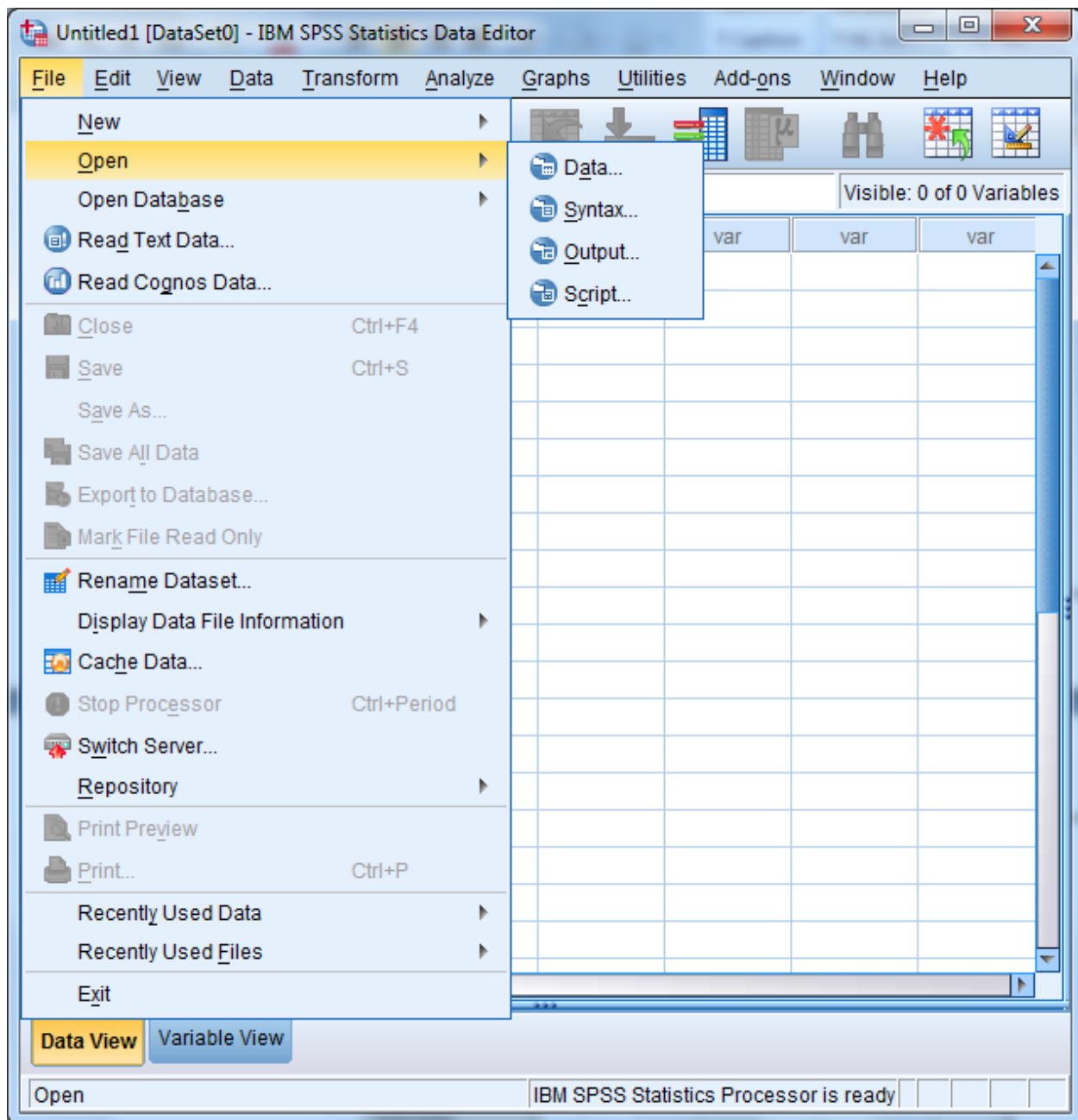
As you use the dialog boxes, you generate syntax automatically. This syntax may be pasted into a syntax file for future use or for modification.

Locating and opening the data file

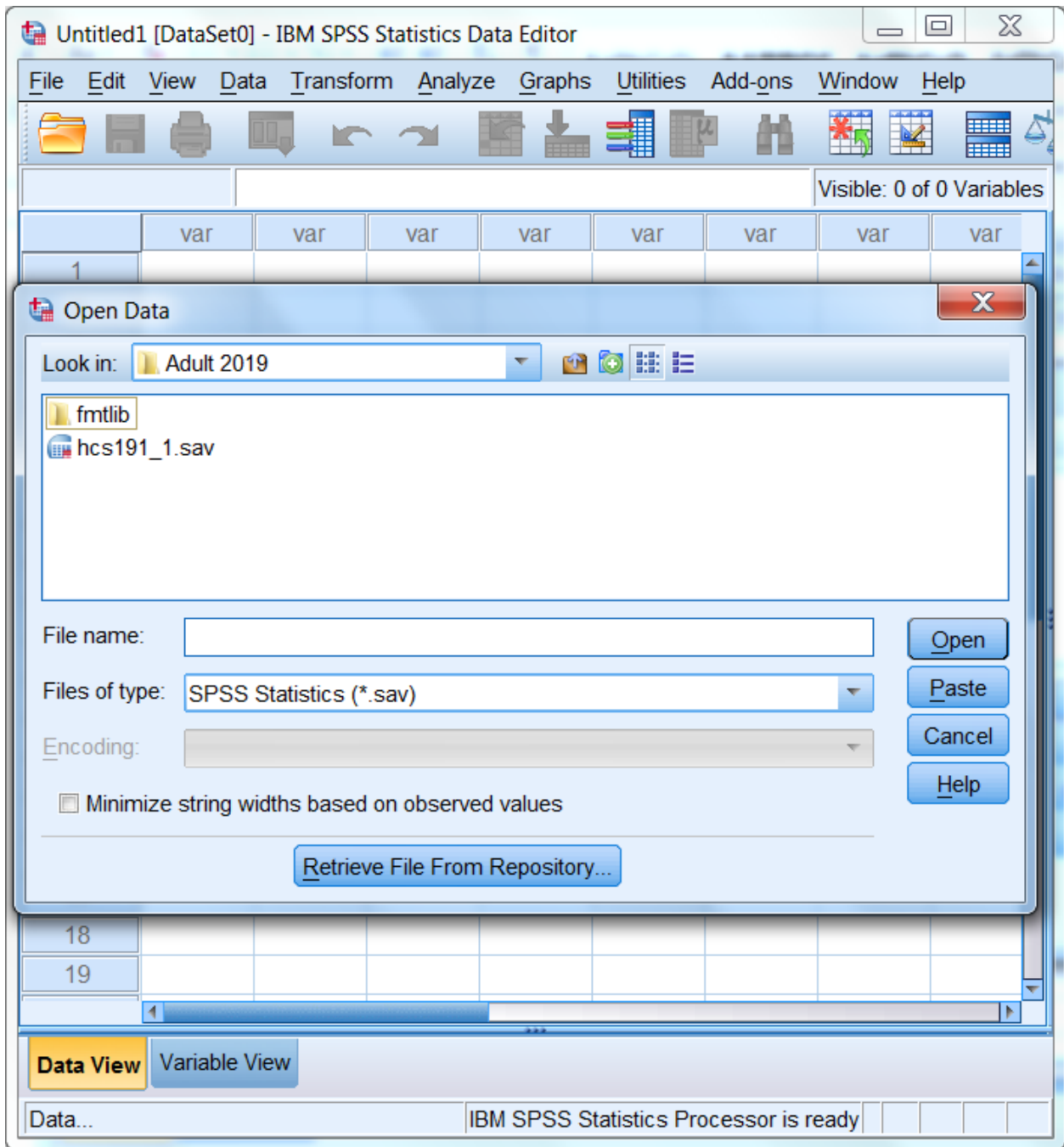
To begin an SPSS session, double click on the SPSS icon on your desktop. The Data Editor window will open and present a spreadsheet with a dialog box. Click Cancel in the bottom right corner to close the dialog box and a blank spreadsheet will appear:



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



Select the **Open** option or choose a file from the list displayed. **Open** and **data** produces the following screen:



If the file is not in this directory, navigate through your folders until you locate it. Mark the file and click **Open**. You will be returned to the spreadsheet Data Editor with the file on view. The Quarter I, 2019 Adult HCSDB dataset has been opened and is displayed below.

hcs191_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	DHAFLAG	ENBG	MPCSMPL	NHFF
1	00178436	1	1	1010503	0	03	2	232
2	00323478	1	2	1028003	0	03	1	314
3	00396577	4	1	2900205	0	05	1	998
4	00638740	1	2	1010501	0	01	3	82
5	00820566	4	2	1004506	0	06	1	146
6	01051915	2	2	1003906	1	06	1	114
7	01213256	4	2	1080603	0	06	1	311
8	01548117	4	2	1900301	0	01	2	880
9	01776202	1	2	3900307	0	07	3	2205
10	01950574	4	2	1004603	0	06	1	724
11	01981586	2	1	1012603	0	03	2	232
12	02190557	1	1	0999911	0	11	1	844
13	02264913	4	2	1012803	0	06	1	512
14	02473431	4	2	1011303	0	06	1	300
15	02829686	4	2	1012803	0	06	1	512
16	02833200	2	1	1003806	0	06	1	81
17	02995278	1	2	1060703	0	03	2	232
18	03200113	4	1	3900207	0	07	1	2205

Data View Variable View

IBM SPSS Statistics Processor is ready

Constructing new variables

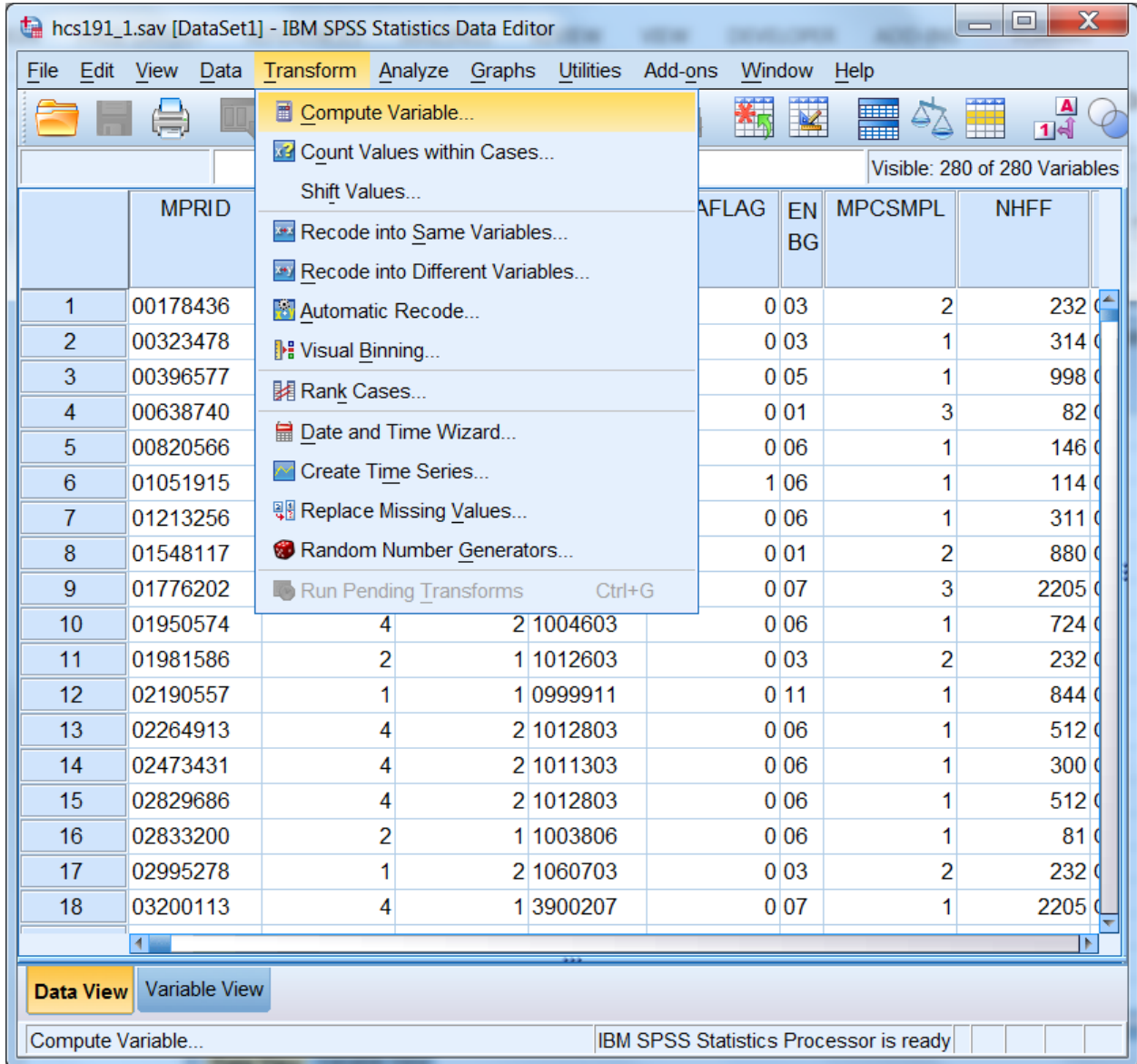
Data can be evaluated from many different aspects. It is sometimes useful to build new variables from combinations of the existing ones and to examine their distributions.

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:

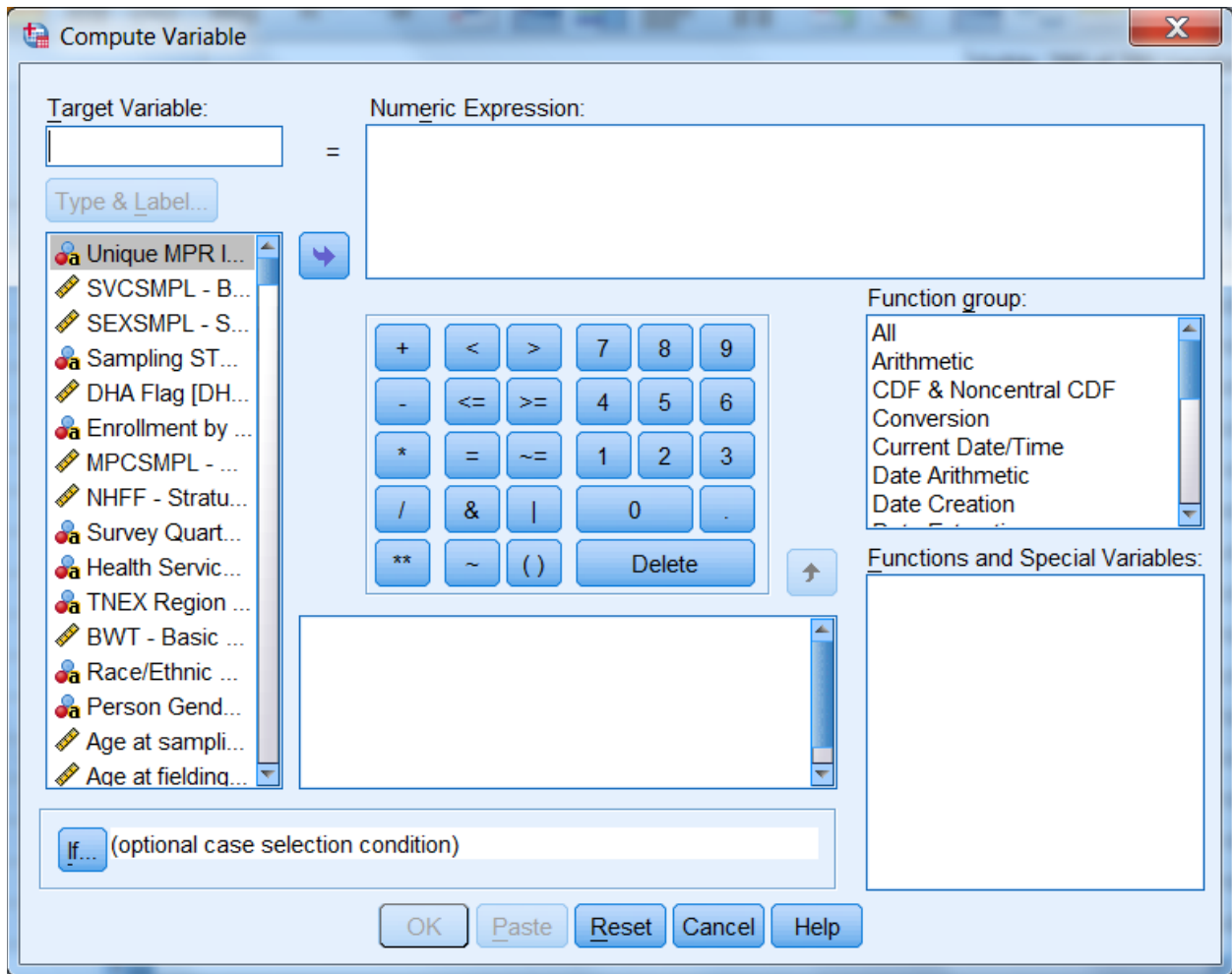
Active-Duty-males: **`XSEXA=1 and XBNFGRP=1`**

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

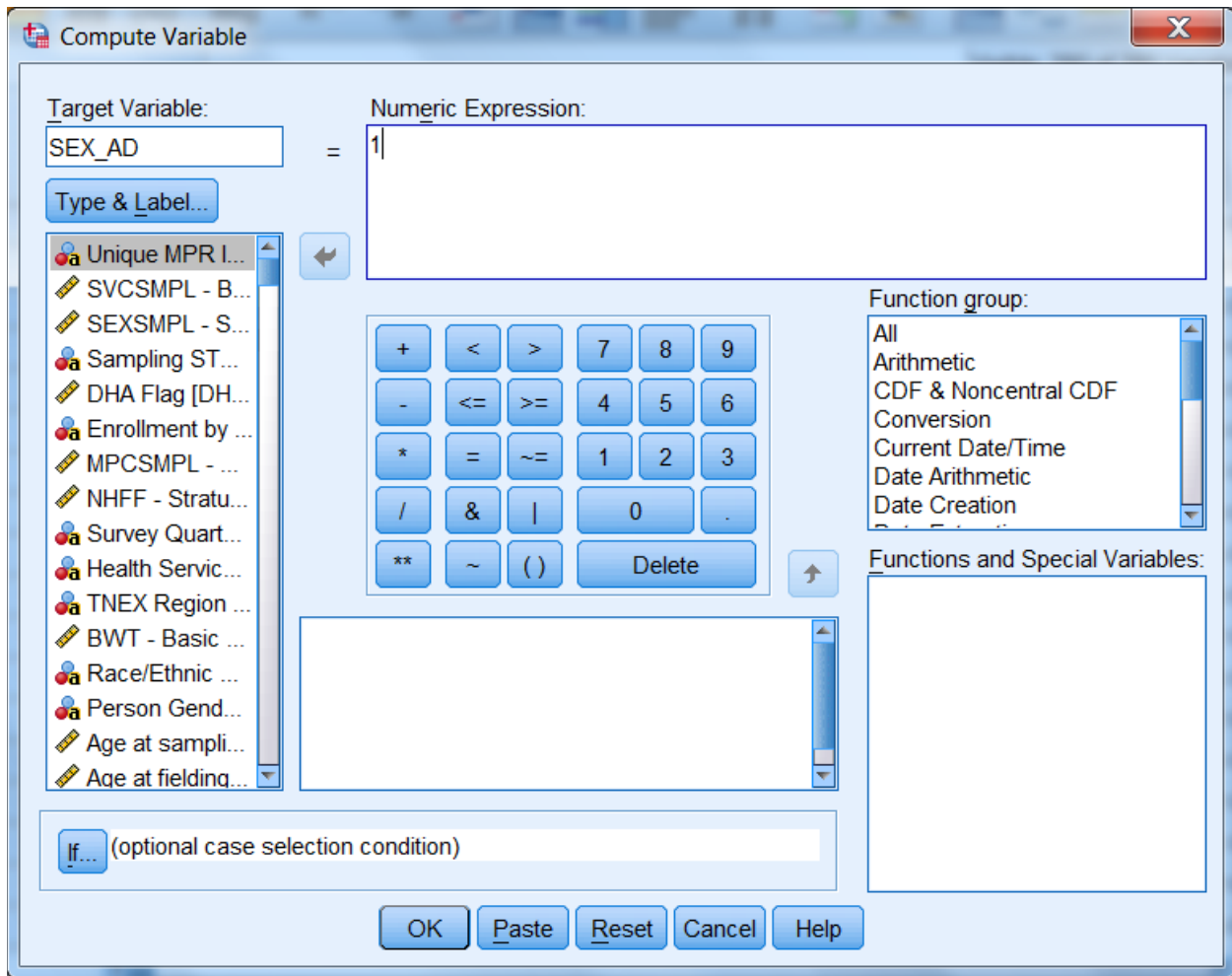
Open the Transform menu and select Compute Variable as in the following:



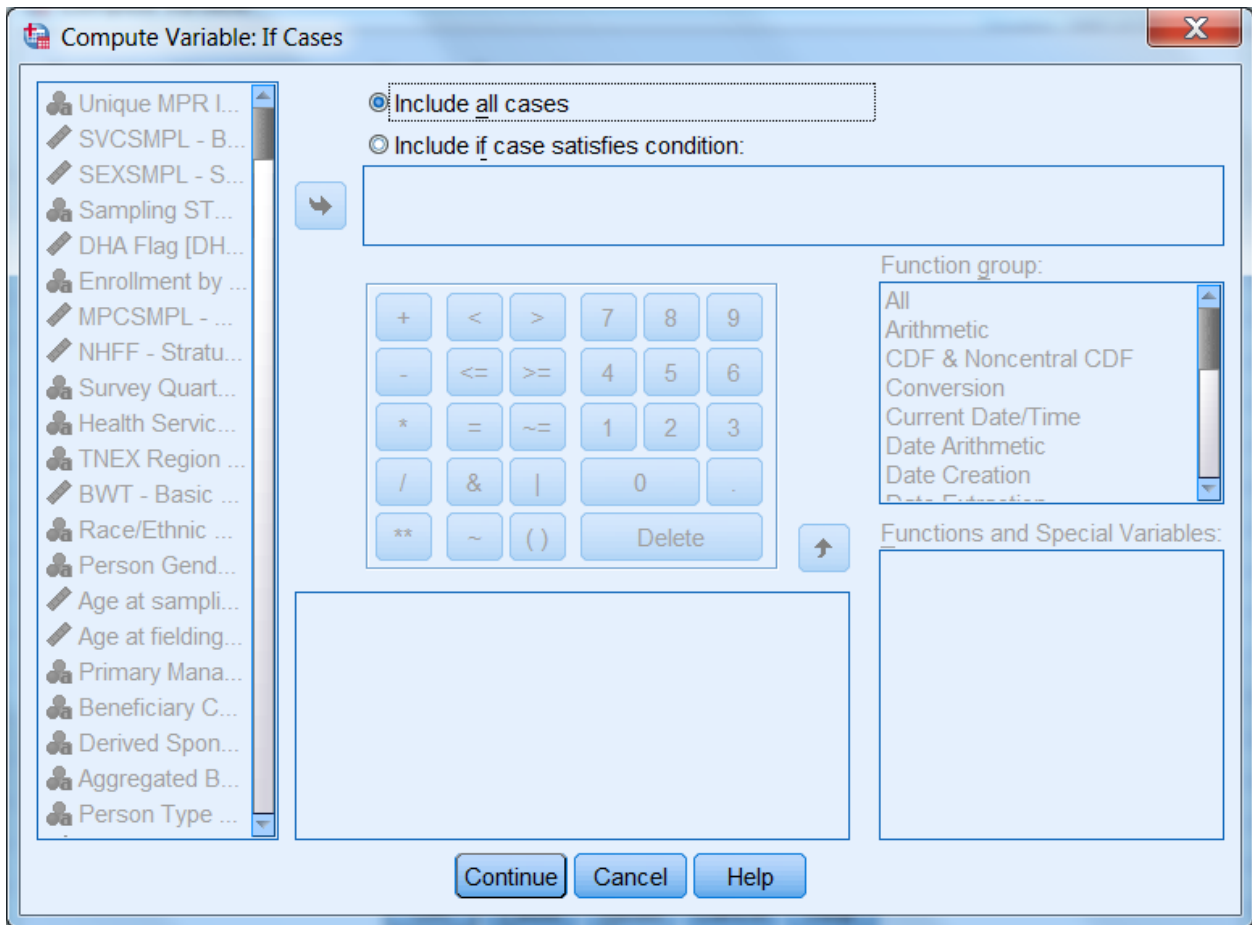
The following dialog box will open:



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

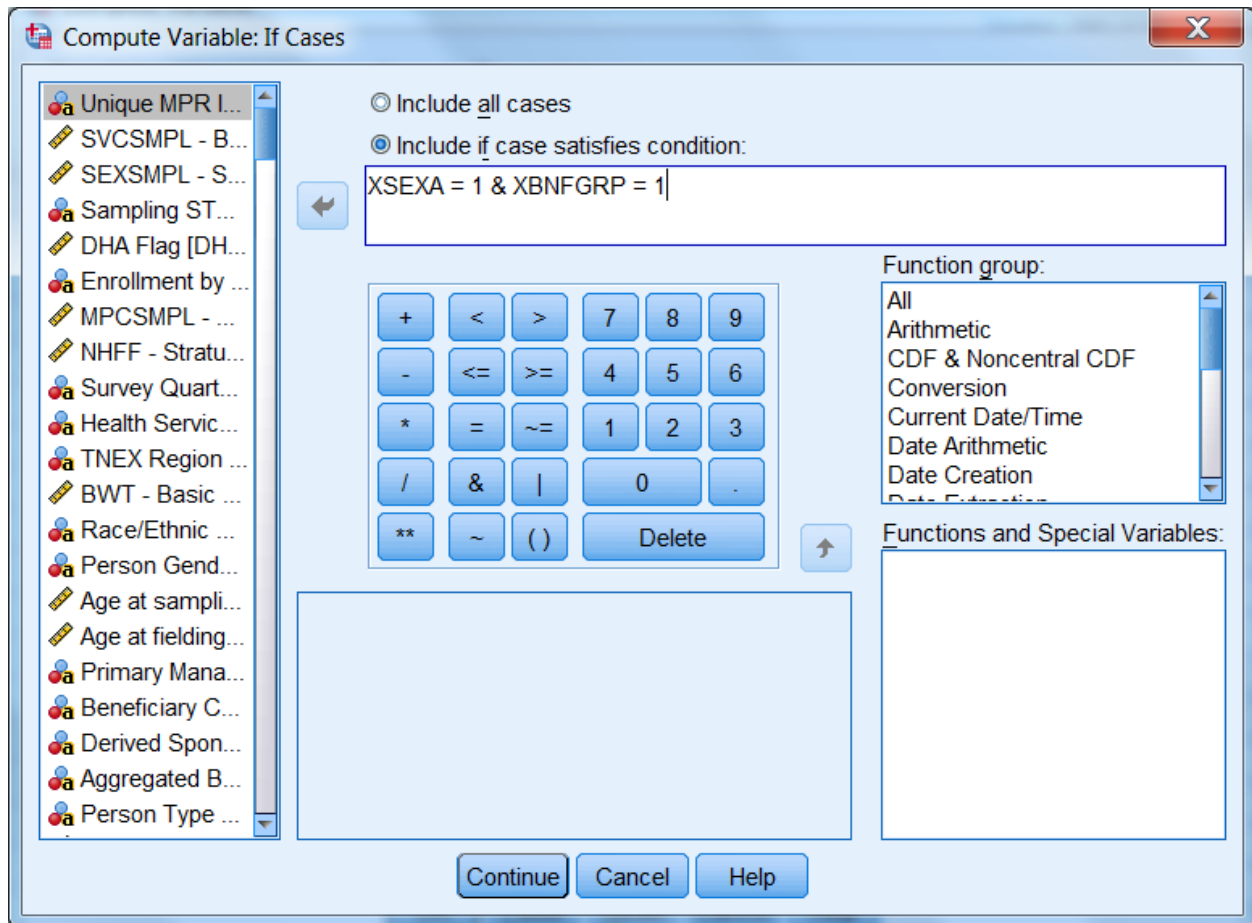


Once you we have assigned the value 1 to sex_ad, you can build the condition that qualifies the assignment. Click on If and open the following dialog box:

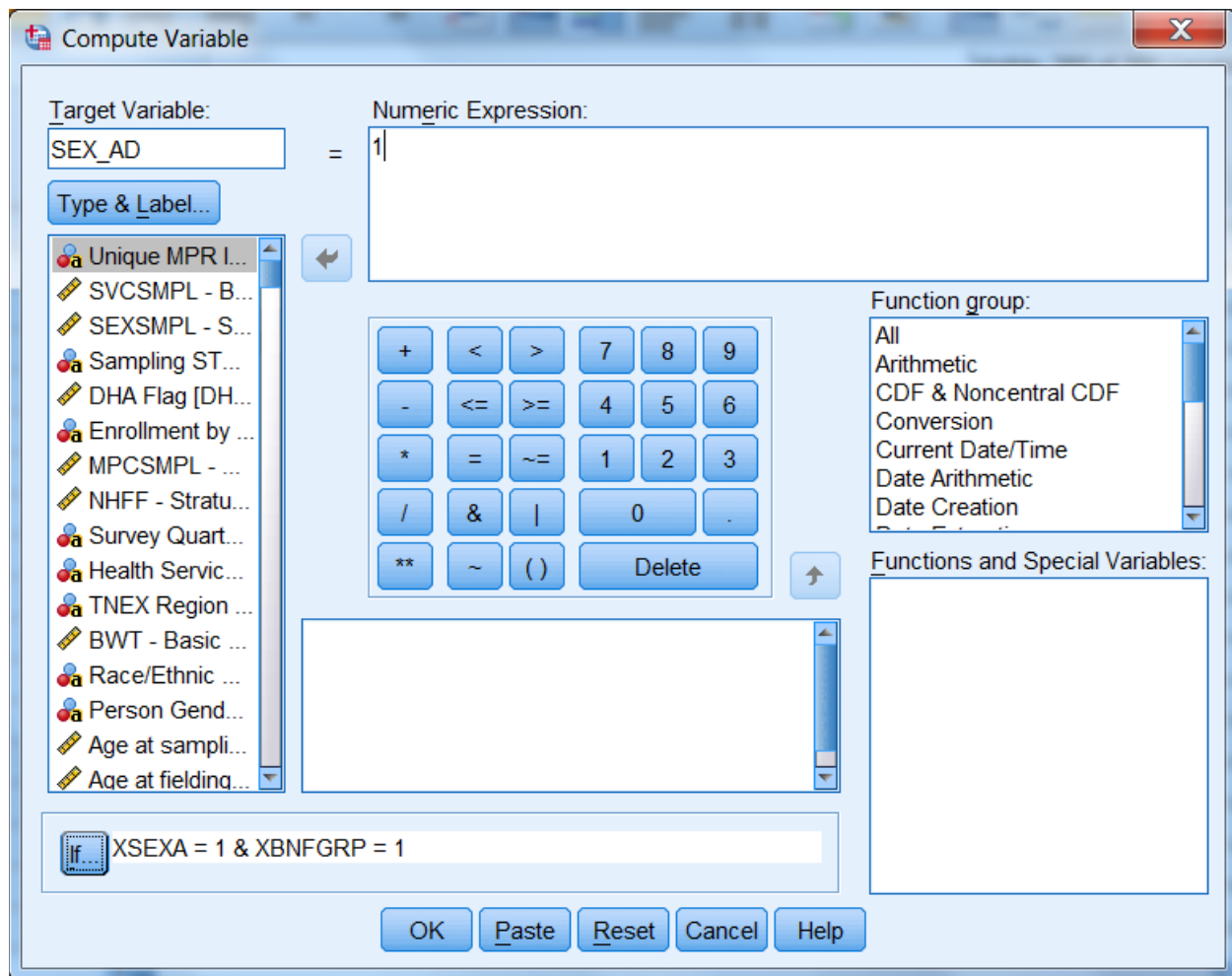


Click on the circle indicating Include if case satisfies condition, and the black dot will move to that circle. The slot underneath will open, ready for your input. Build the “if” condition. Write it directly into the slot or move the elements into the slot from the given options. Add the elements xsexa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

The screen should resemble the following:



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



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

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

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

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

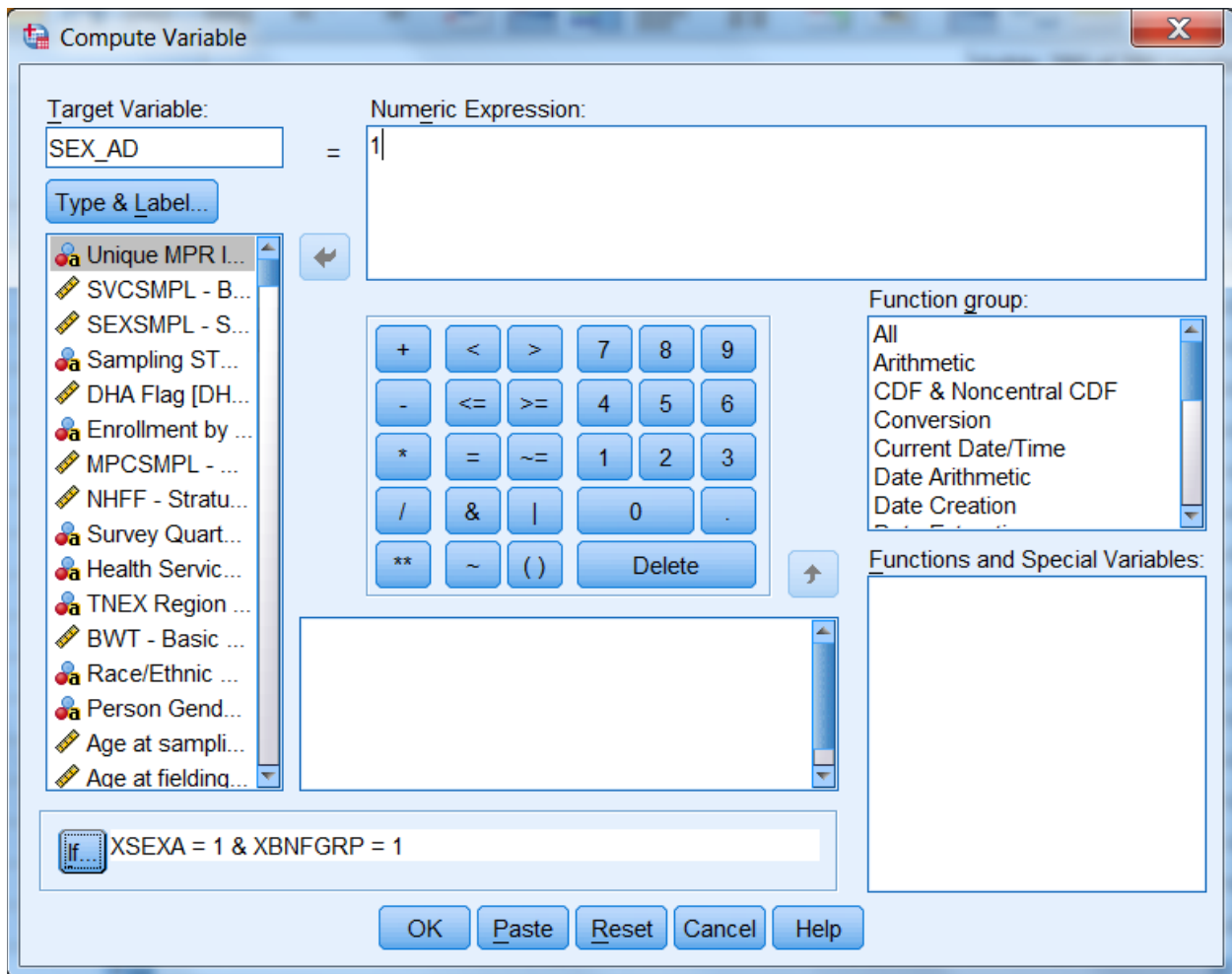
Suppose you do not want to use up your disk space for expanded copies of the dataset. Another option is to save the syntax you have generated in a file that can be run as it is needed. Syntax is a written instruction generated by the commands you give in a dialog box. These “sentences” can be saved in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

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

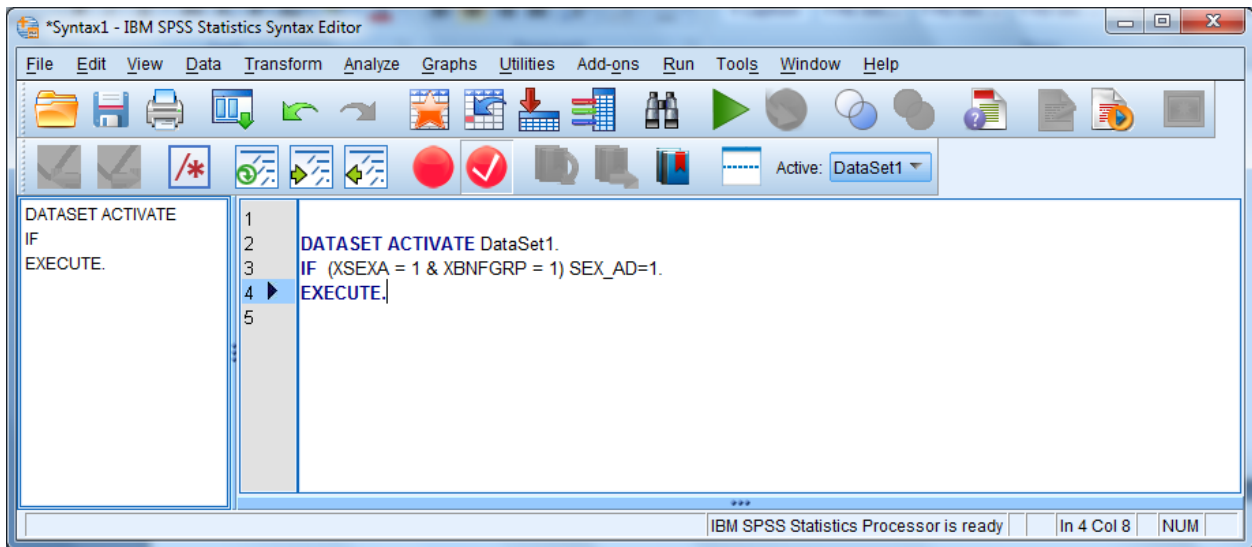
Experienced SPSS programmers, who have mastered SPSS syntax, often prefer to work only in batch mode. This option is available to users who have not mastered the syntax language. You can paste the commands, generated interactively in the dialog box, onto a syntax file.

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

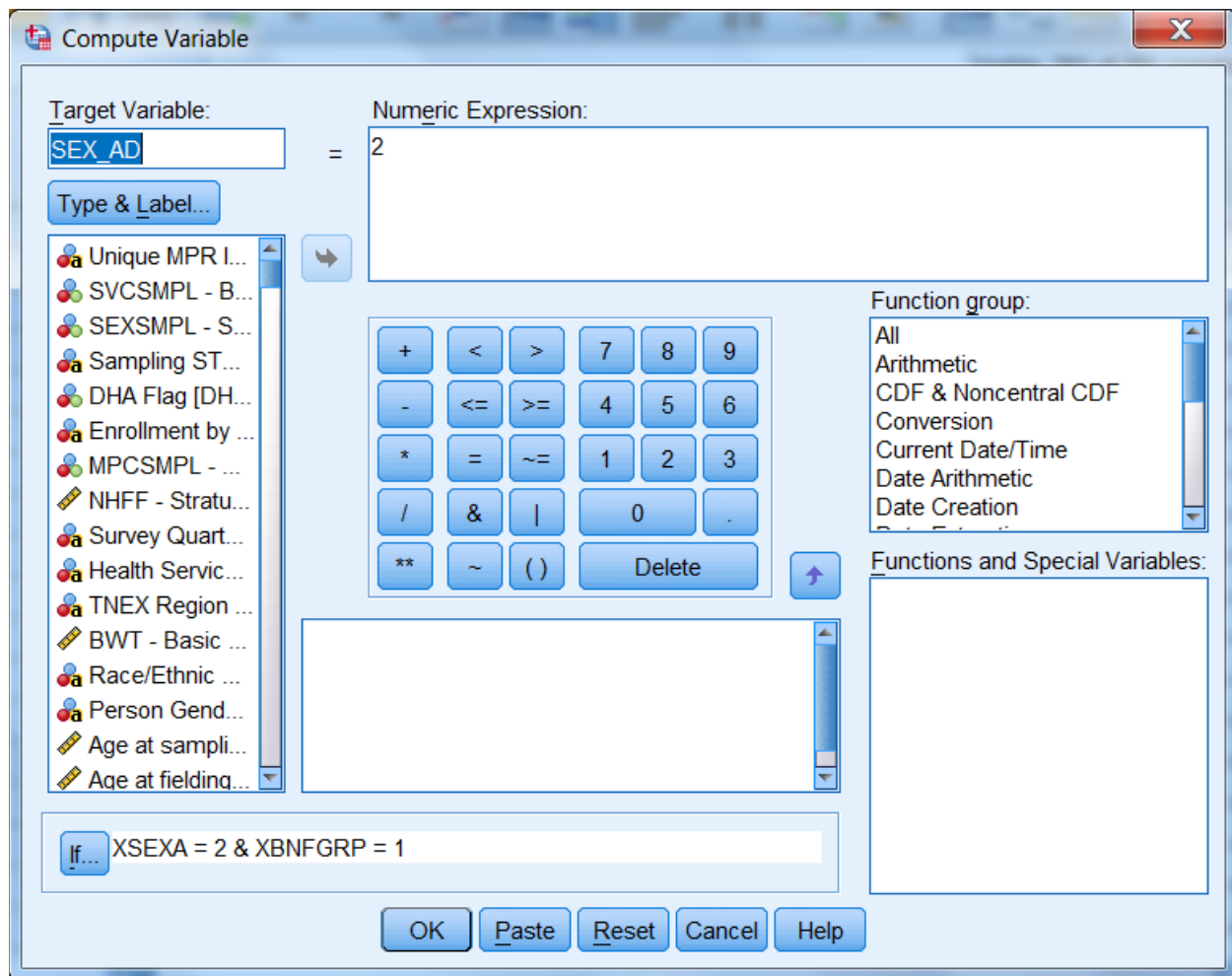
1. SPSS compute variable including if condition



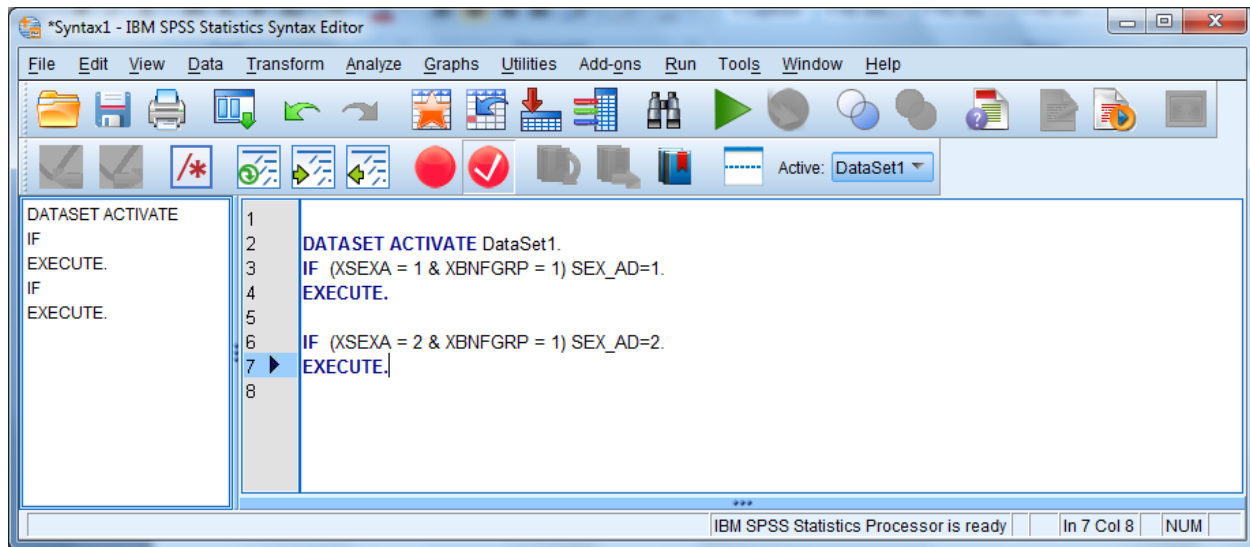
Click on the Paste button. A dialog box that says “Change existing variable?” will pop up. Click on OK, and the syntax window below will open with the syntax written in it.



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"

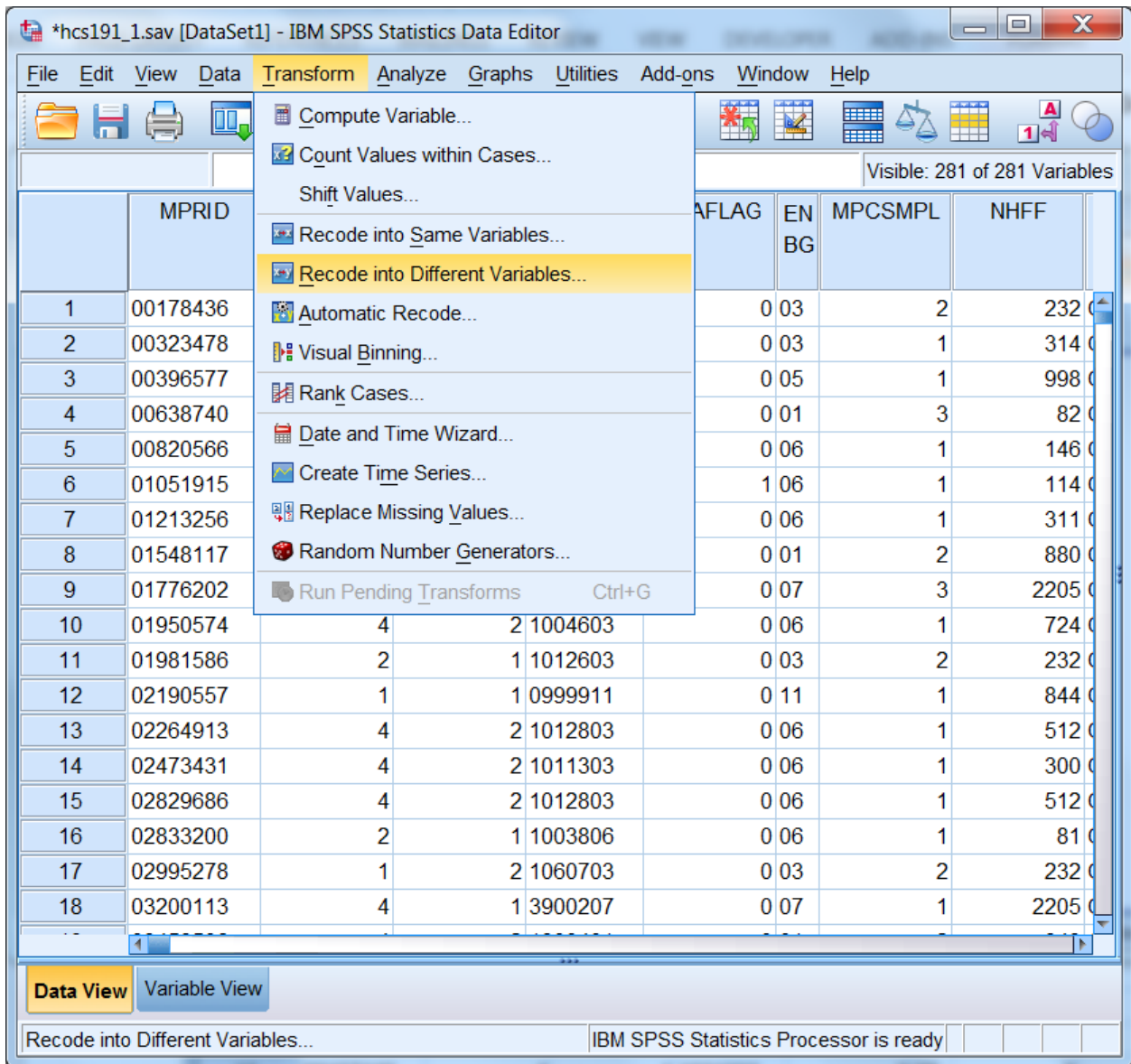
35 to 49 = 2 - label: "mature adult"

50 to 64 = 3 – label: "middle-age"

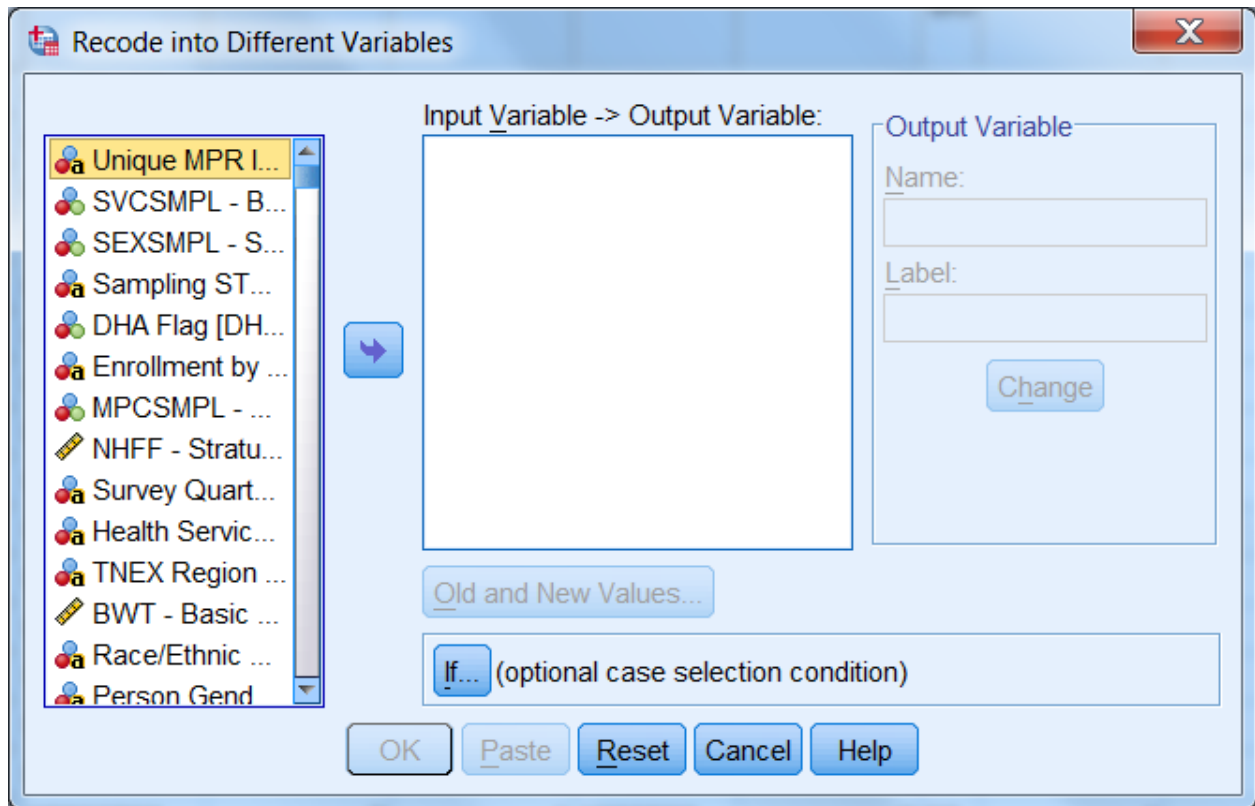
65 and higher = 4 – label: "senior citizen"

The new variable is called **age_grp**.

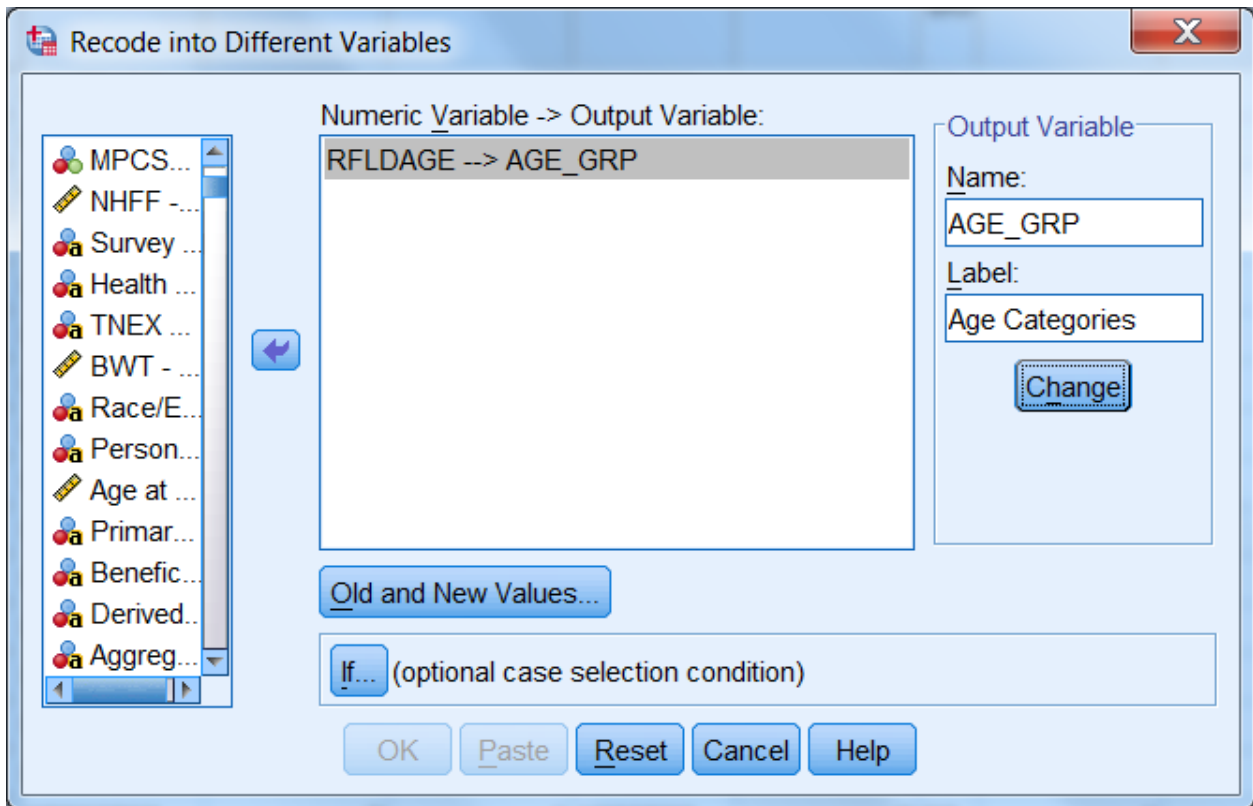
From the **Transform** menu, choose **Recode Into Different Variables** as pictured below:



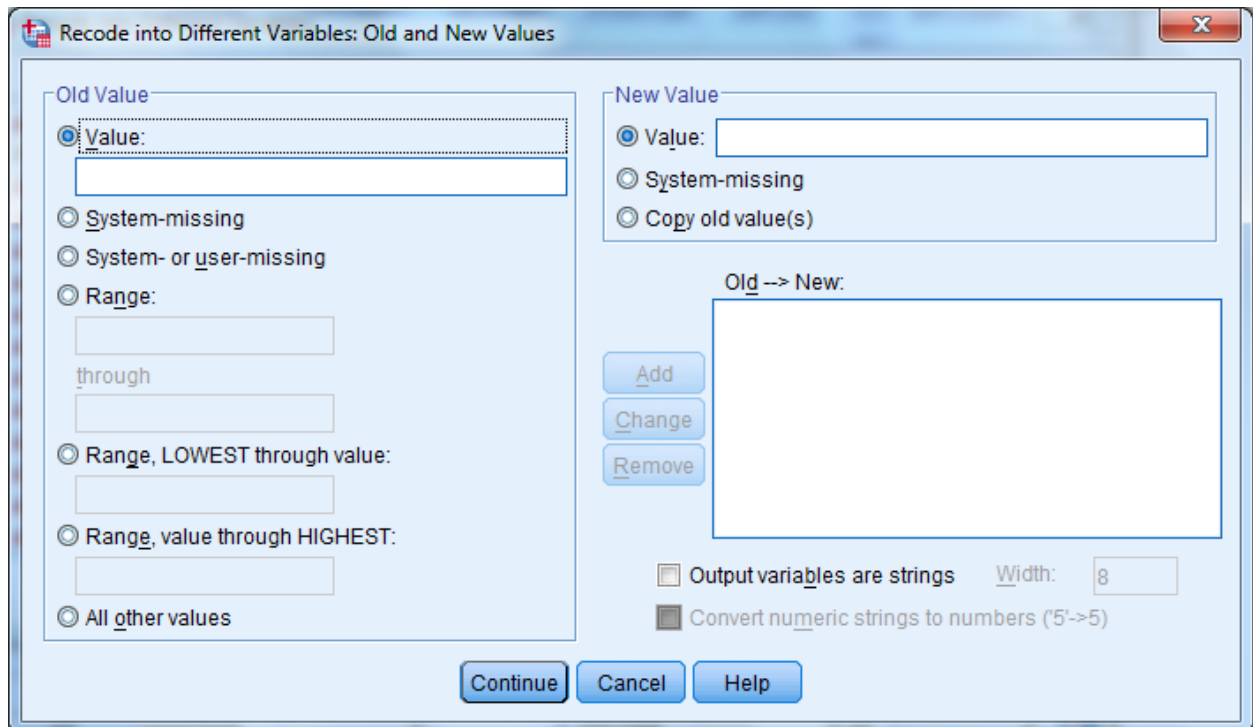
The following dialog box will open:



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



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

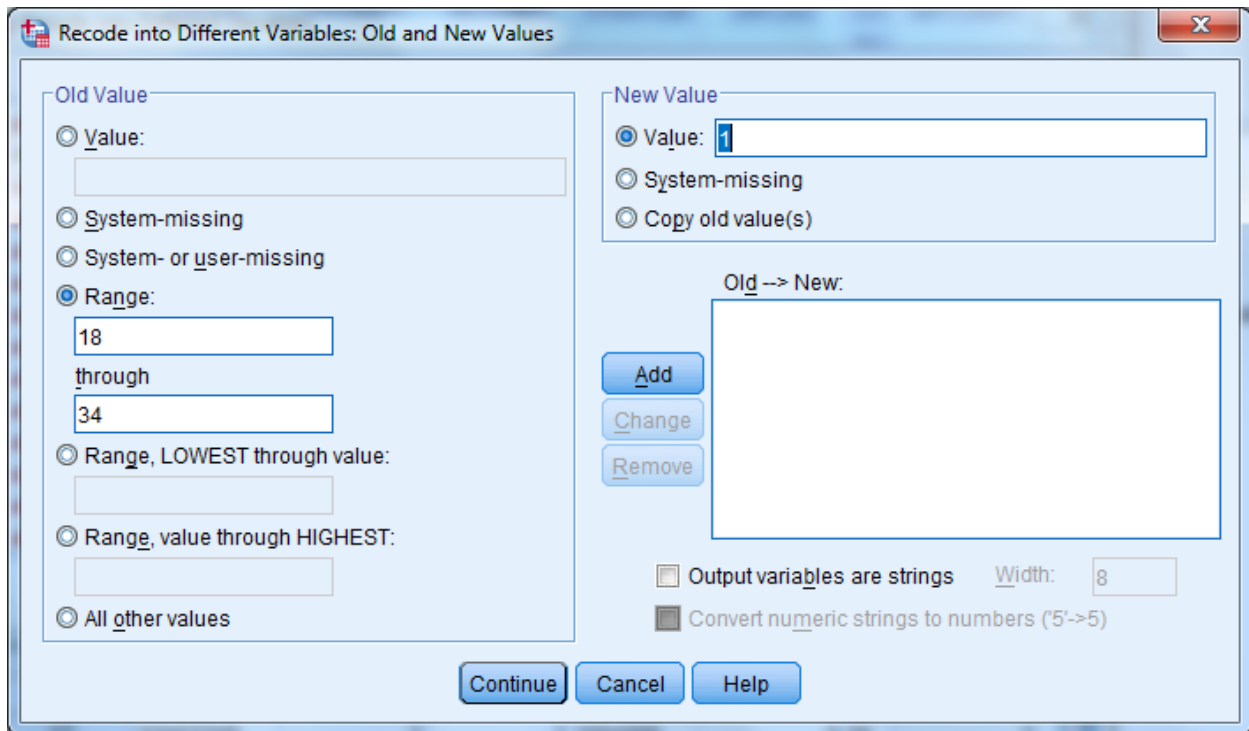


The next step in grouping the age variable is to specify the existing values of **Age** to be recoded. To do this, click on the **Range** circle under **Old Value**.

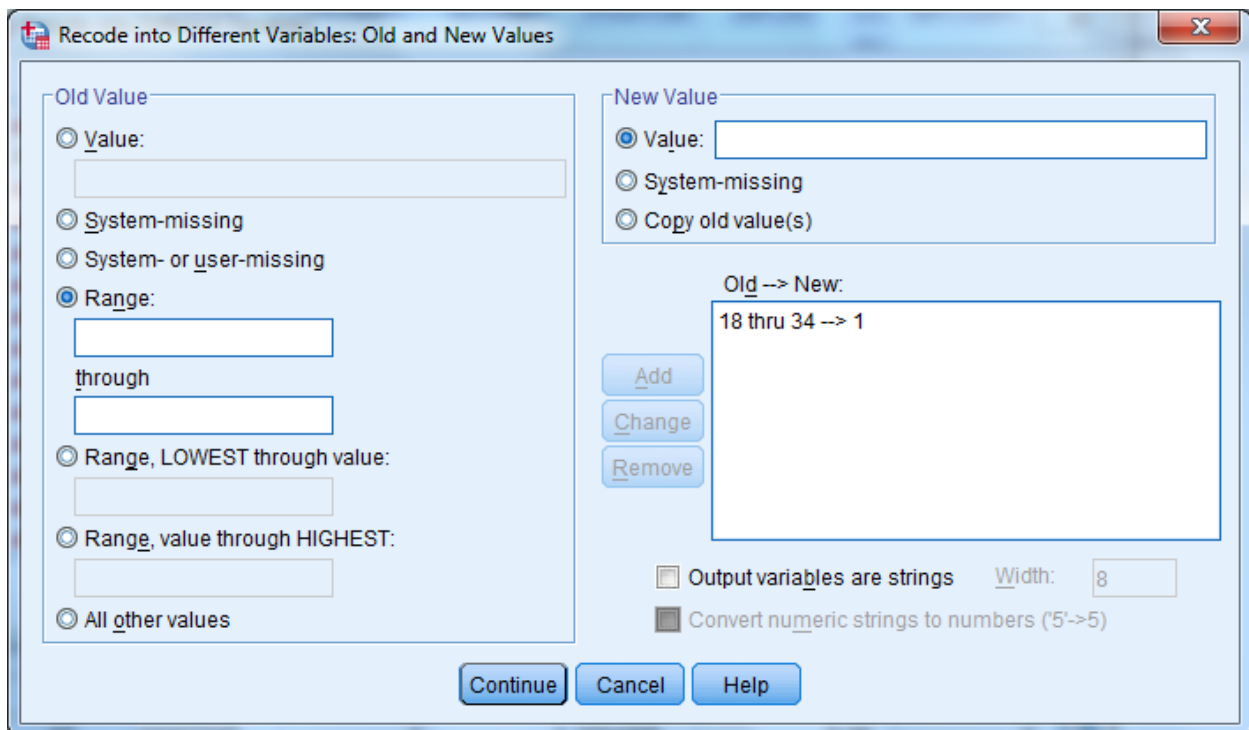
The screenshot shows the 'Recode into Different Variables: Old and New Values' dialog box. The 'Old Value' section has the 'Range' radio button selected. The 'New Value' section has the 'Value' radio button selected. The 'Old --> New:' list is empty. The 'Add' button is highlighted. The 'Output variables are strings' checkbox is unchecked, and the 'Convert numeric strings to numbers' checkbox is checked. The 'Width' field is set to 8. The 'Continue', 'Cancel', and 'Help' buttons are at the bottom.

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.

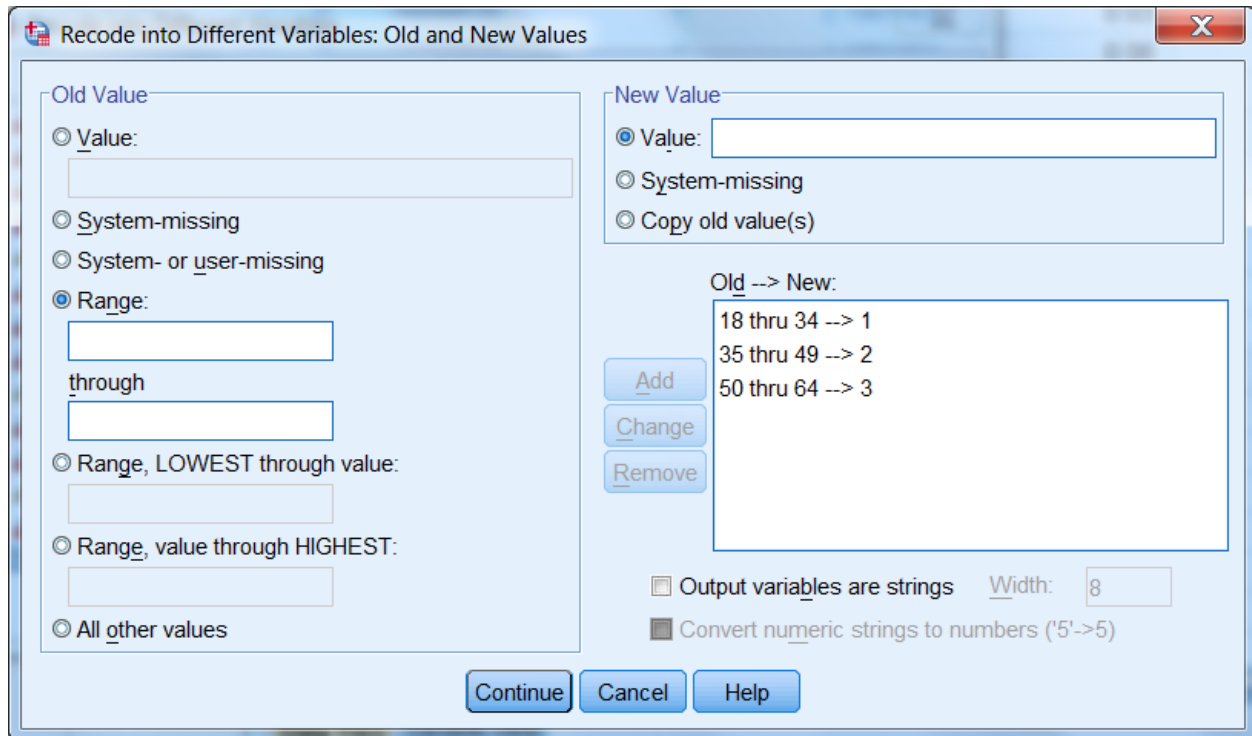


Clicking on Add produces the following result:

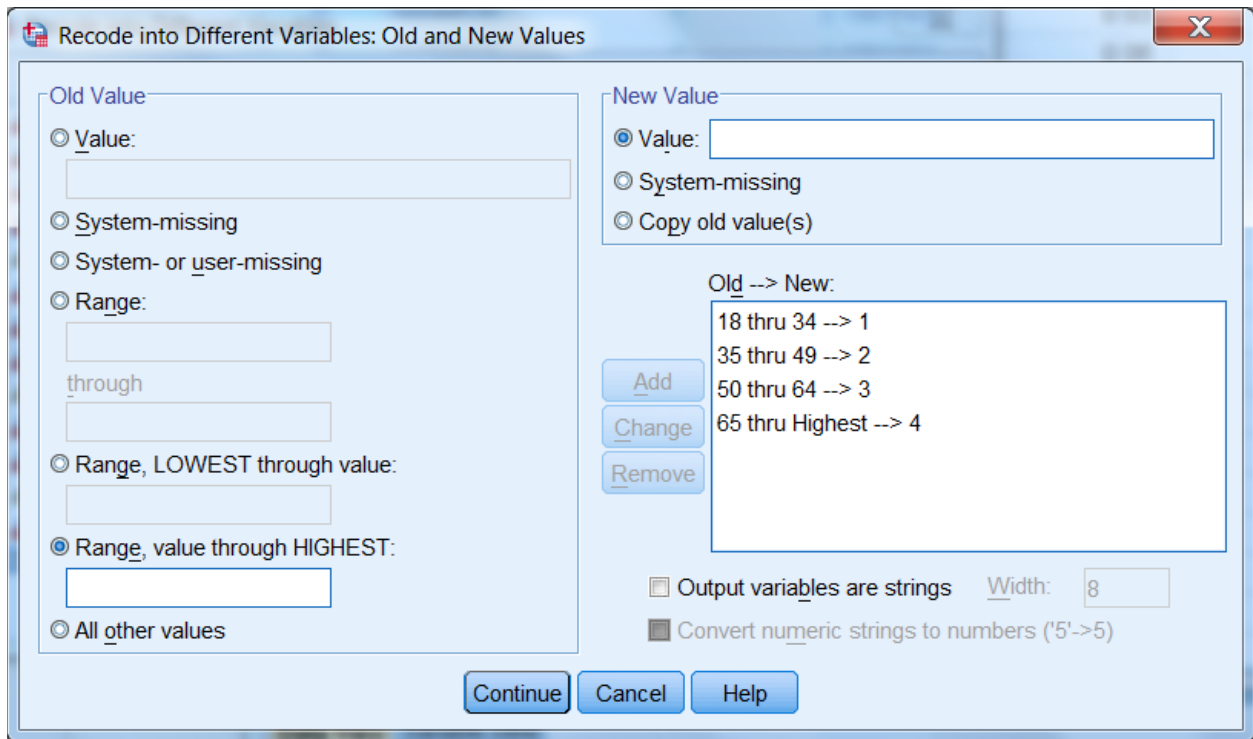


The specified range appears in the box labeled **Old -> New**, and the **Range** and **Value** slots have been cleared to permit additional entries.

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

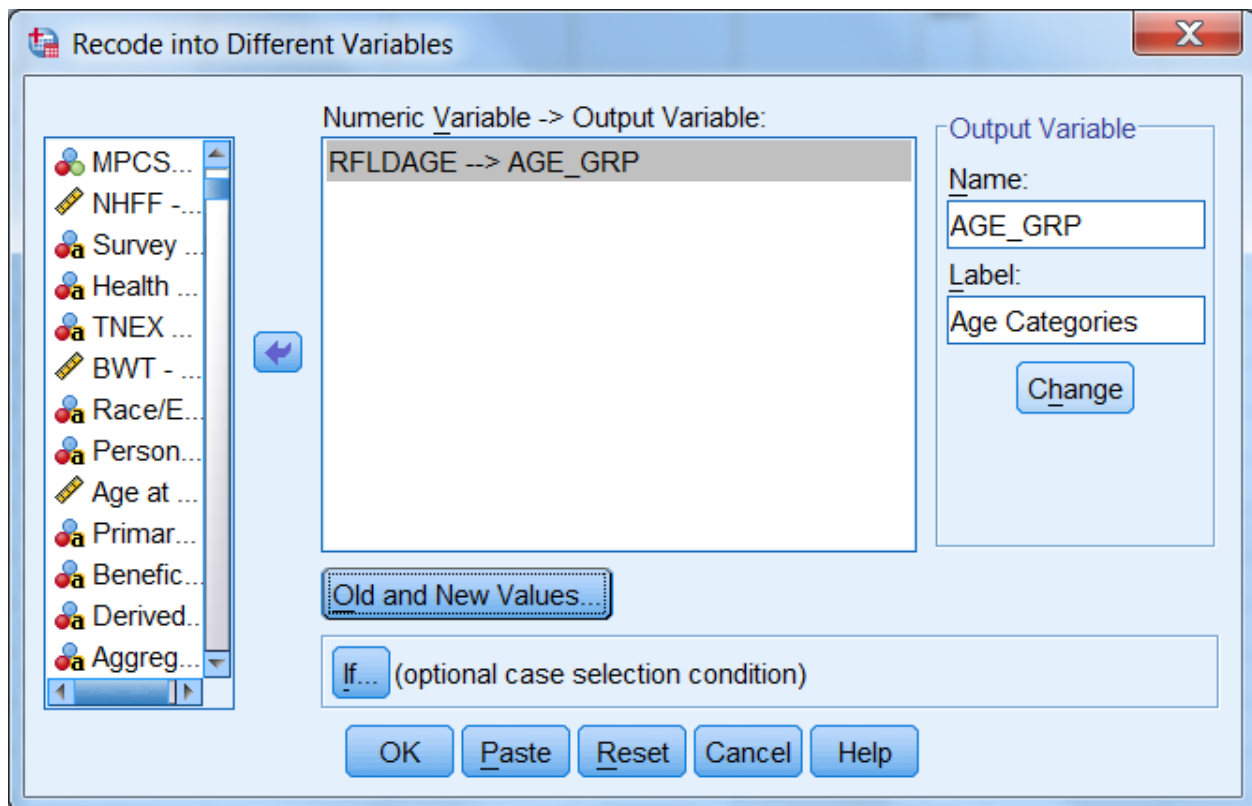


Because the data file is top coded at age 65, creating the final category is slightly different. Click on **Range, value through HIGHEST**, enter 65, and then enter a **Value** of 4. Finally, click on Add and the screen below will show all age categories.



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 button options: 'Value:', 'System-missing', 'System- or _user-missing', 'Range:', 'Range, LOWEST through value:', 'Range, value through HIGHEST:', and 'All other values'. The 'Range, value through HIGHEST:' option is selected. The 'New Value' section on the right has three radio button options: 'Value:', 'System-missing', and 'Copy old value(s)'. The 'Value:' option is selected. Below these options 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 of the dialog are two checkboxes: 'Output variables are strings' (unchecked) with a 'Width:' field containing '8', and 'Convert numeric strings to numbers ('5'->5)' (checked). At the bottom center are three buttons: 'Continue', 'Cancel', and 'Help'.

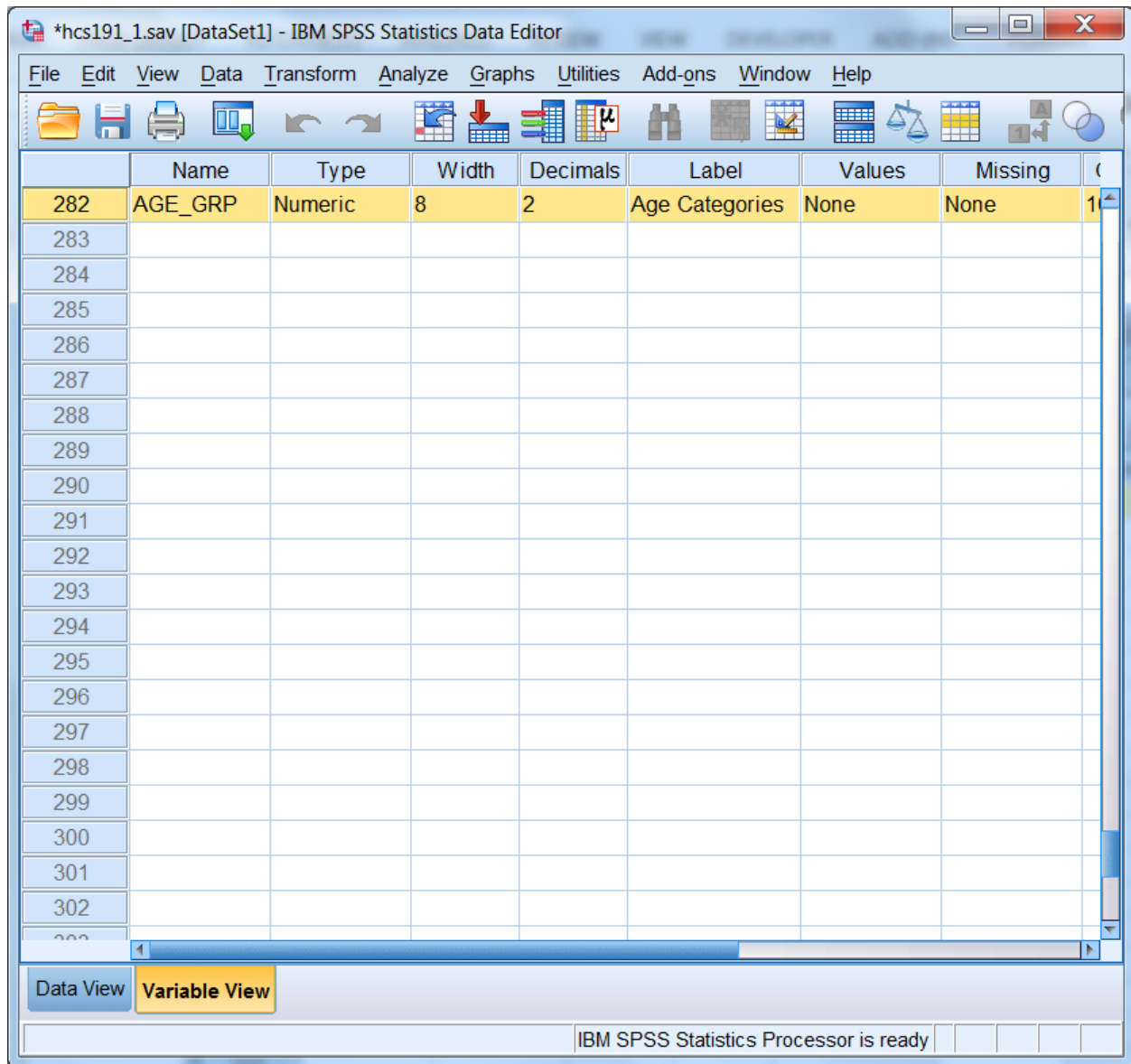
Click on Continue and return to the previous screen.



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.

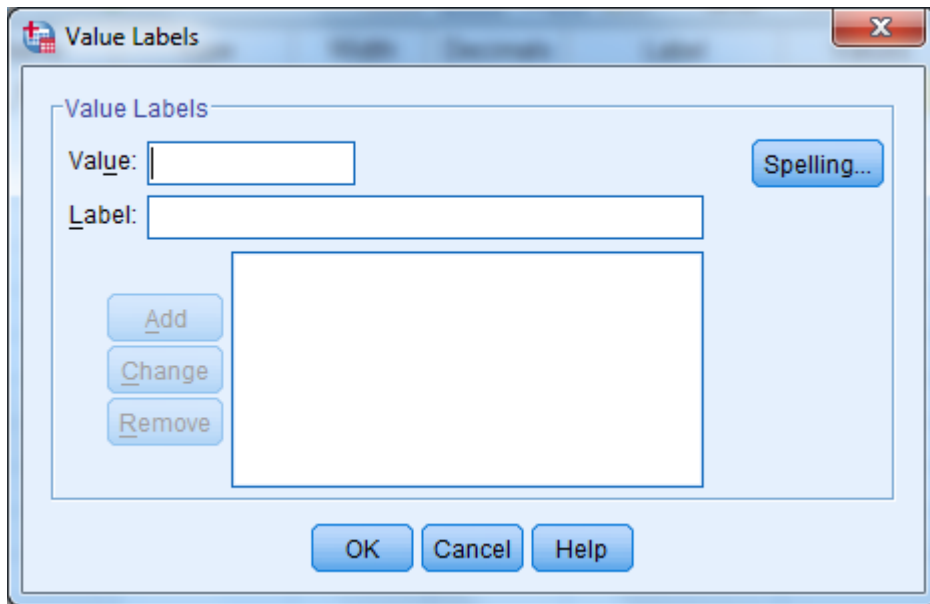
The final task is to create the value labels for the new variable **age_grp**. Labeling variables makes output from statistical reporting procedures much clearer and more elegant.

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:

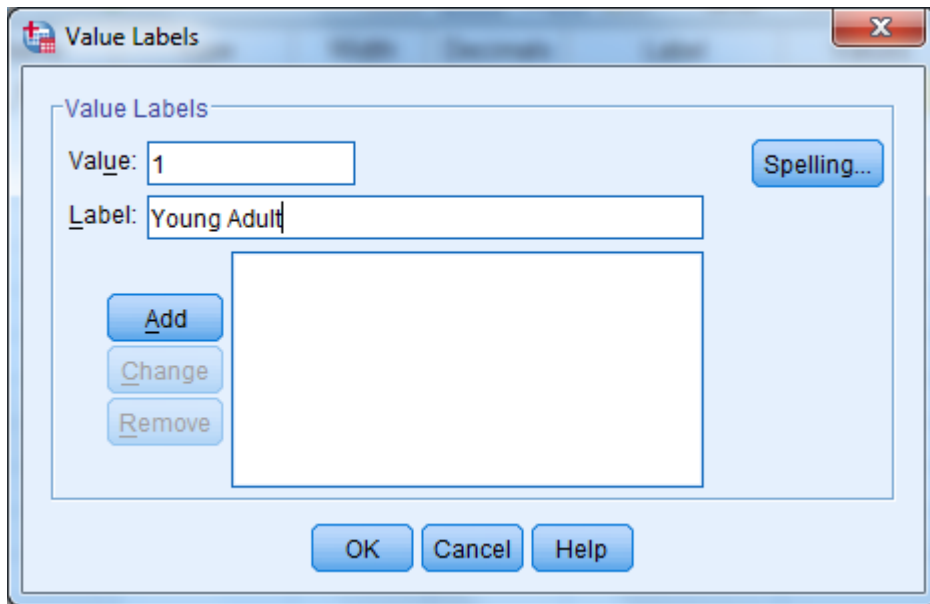


The variable **age_grp** is shown with its attributes.

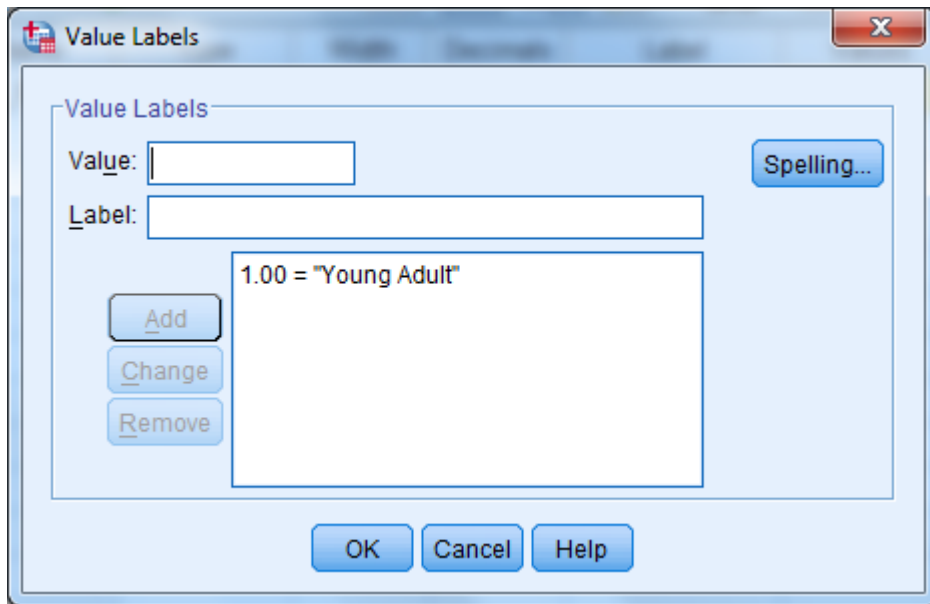
Click in the cell under **Values** and the following dialog box will open:



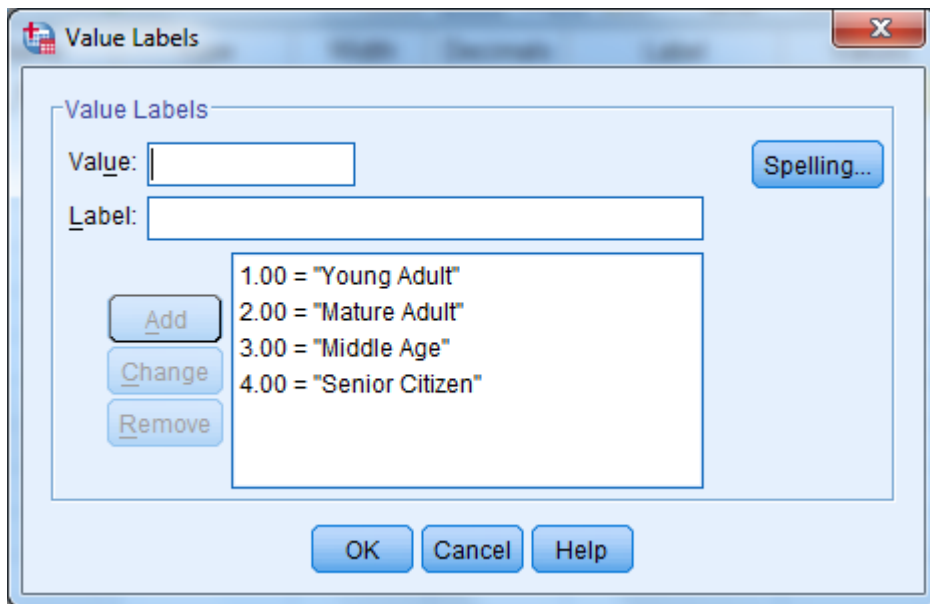
You can then begin to label the *values* of **age_grp**. Enter **1** in the slot marked **Value**, and enter the label **Young Adult** in the slot marked Value Label. The screen will look like the following:



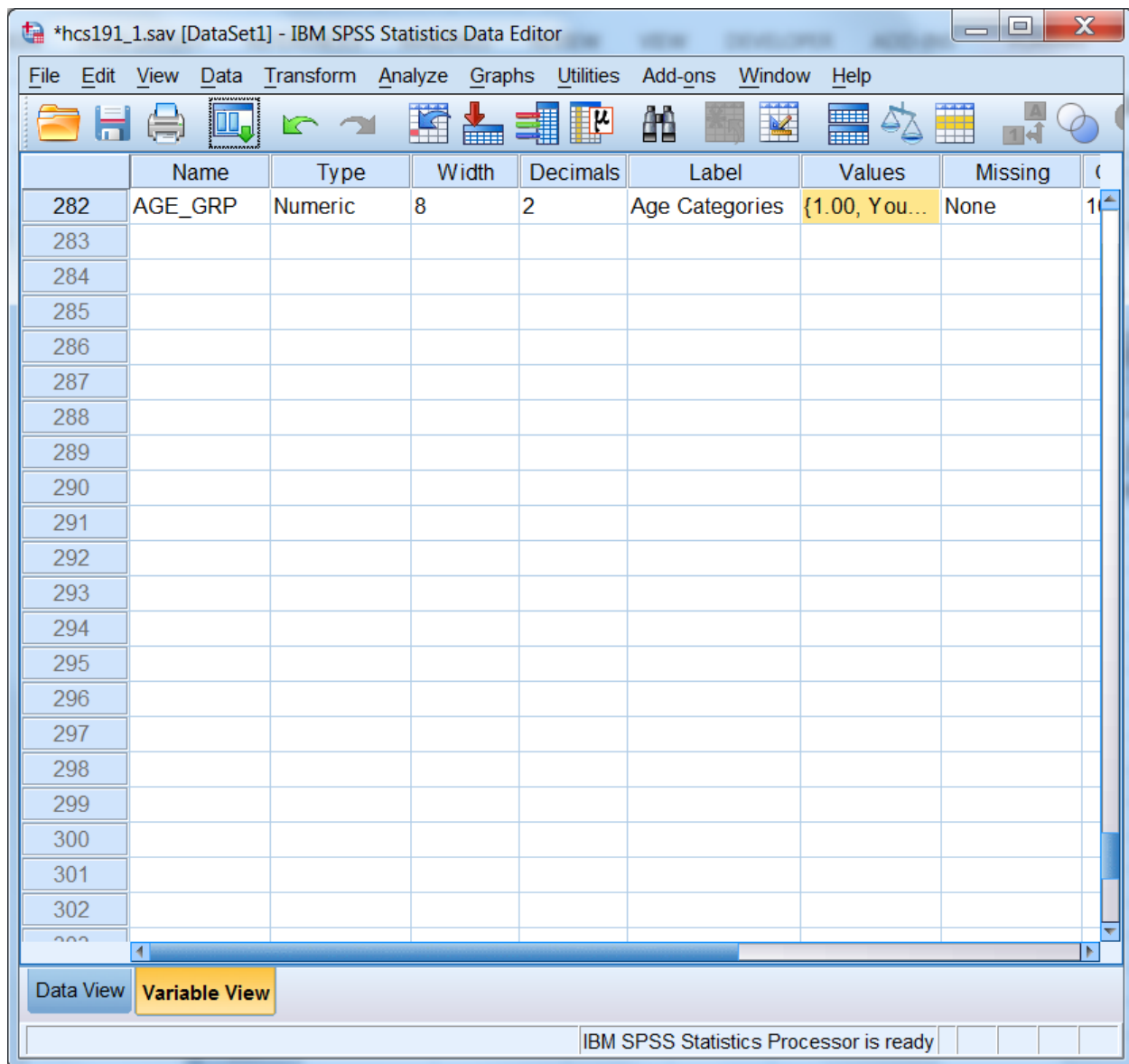
Add is now illuminated. Click on **Add** and the text of your command will appear in the central box, clearing the slots for further entries, as in the next screen.



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



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



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

Limiting the Number of Variables

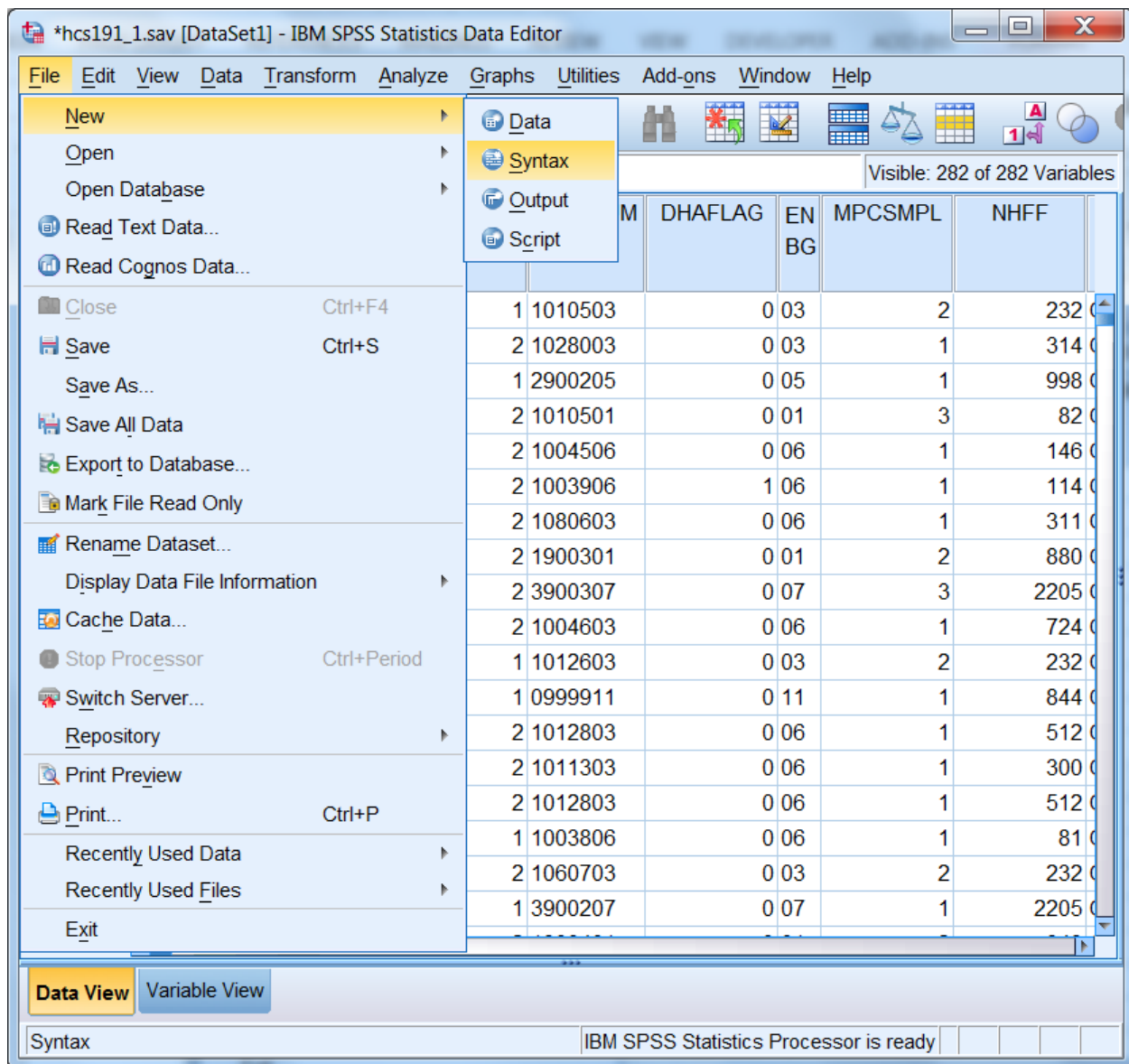
The HCSDB dataset contains many variables. To speed up software performance time, it may be desirable to limit the number of variables for analysis. There are several ways to do this.

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

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

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

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

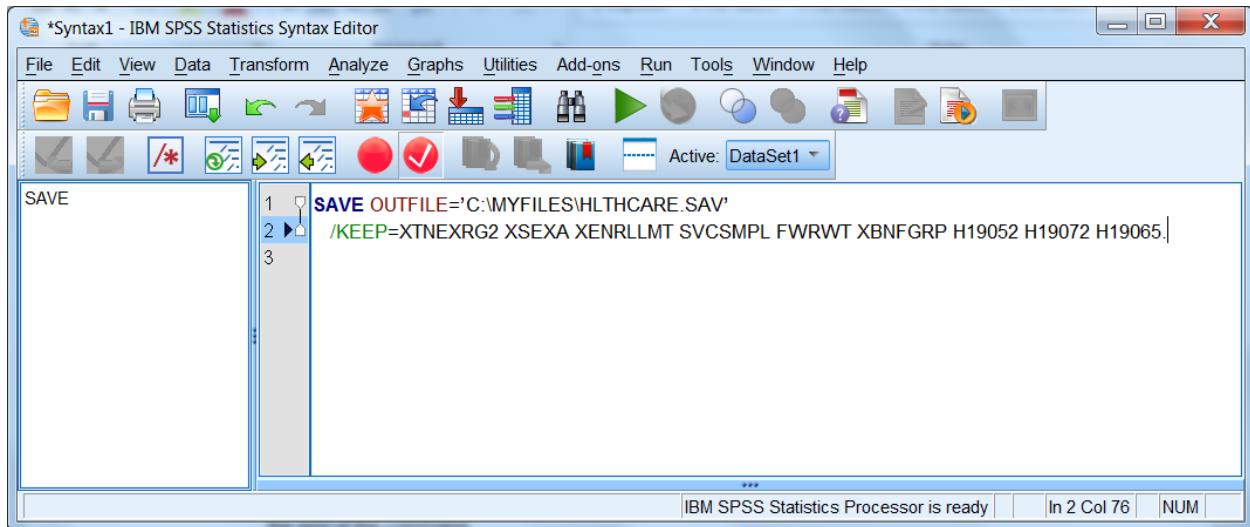


A blank syntax window will open.

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

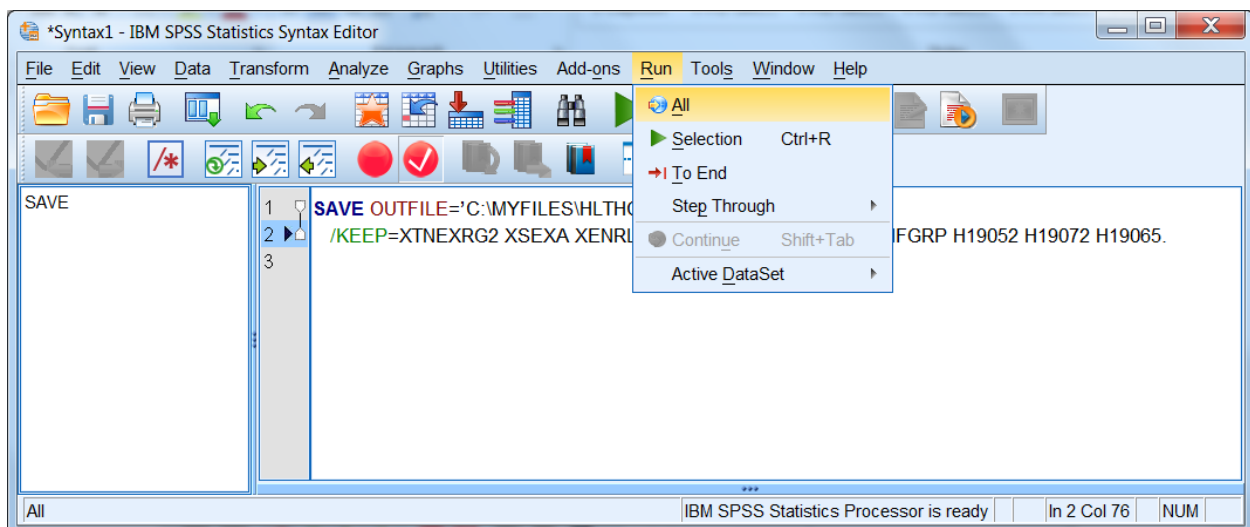
**SAVE OUTFILE='C:\MYFILES\HLTHCARE.SAV'/KEEP=XTNEXR2G XSEXA XENRLLMT
SVCSMPL FWRWT XBNFGRP H19052 H19072 H19065.**

as in the following:



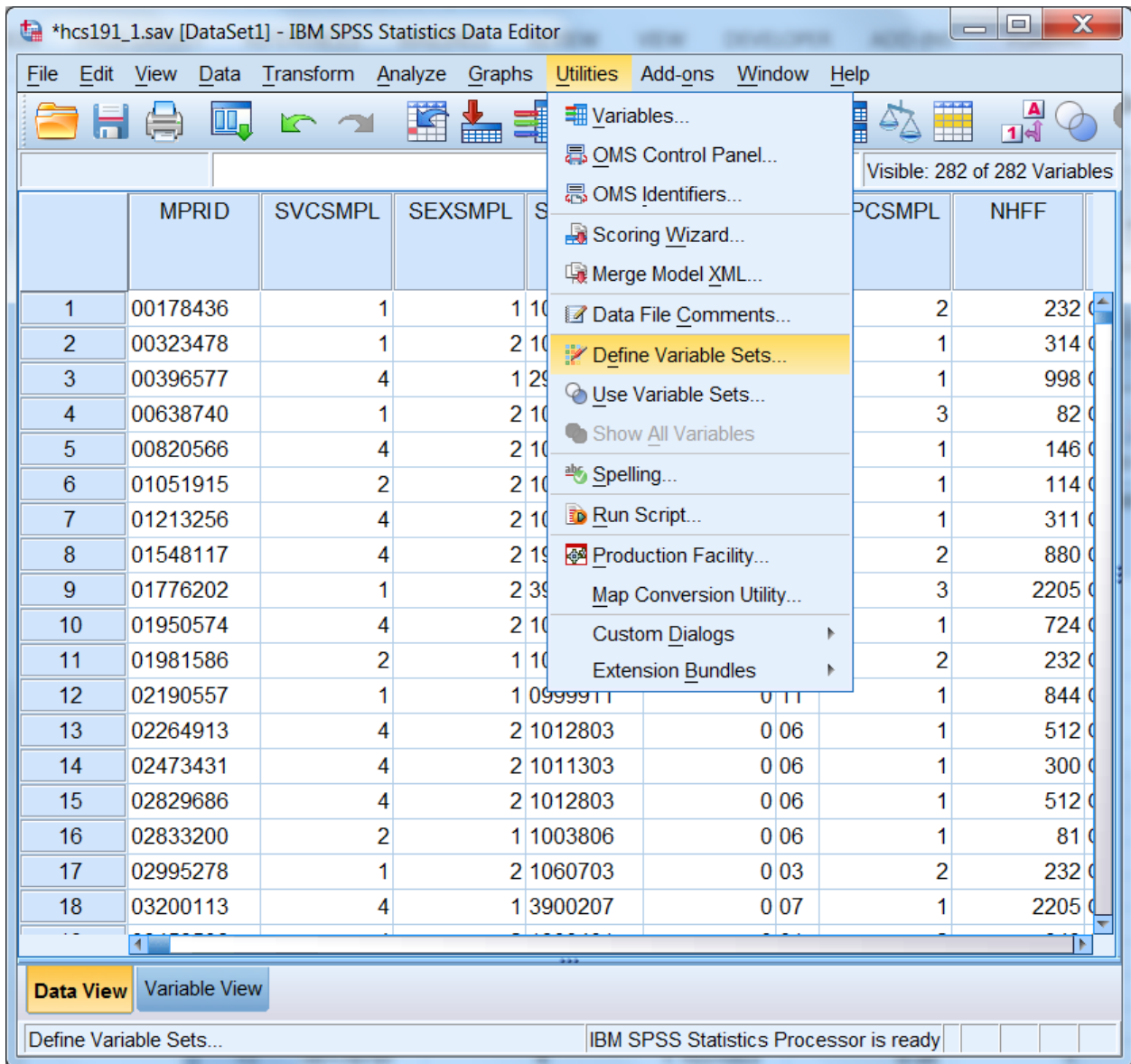
Upper case is optional. Be sure to enclose the entire file name in single quotes and to type a period at the end of the command.

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

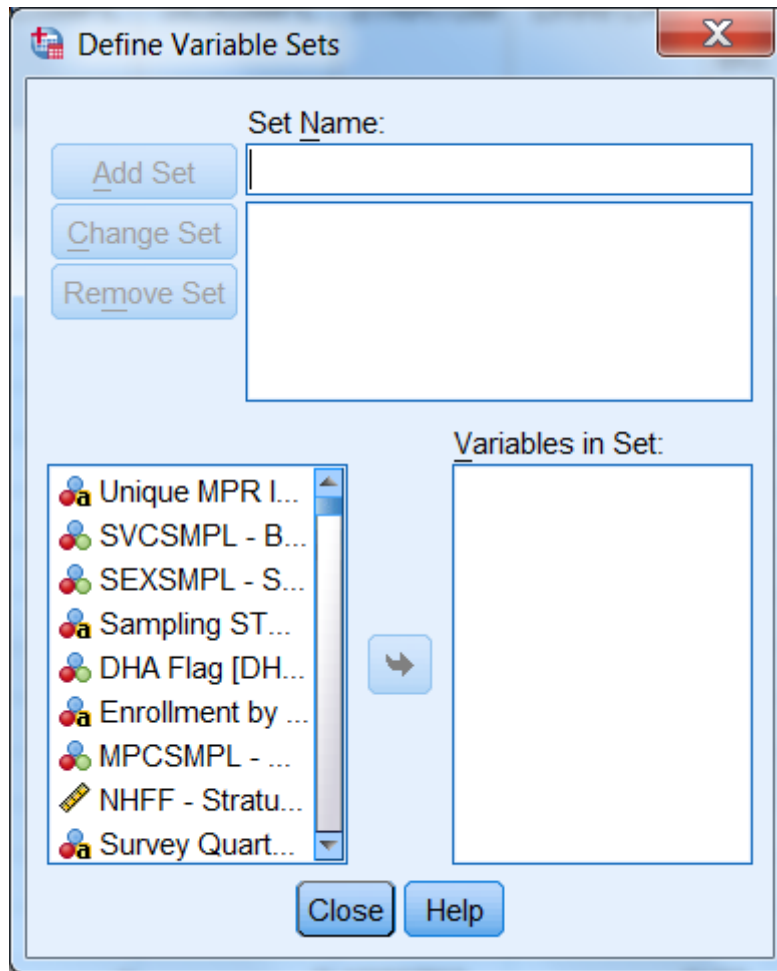


Open the new file according to the specifications at the beginning of this chapter.

The second way to limit the number of variables for analysis is to define a subset of *variables* that will appear in the dialog boxes for procedures. Using the **Utilities** menu, define a subset of variables as in the following:

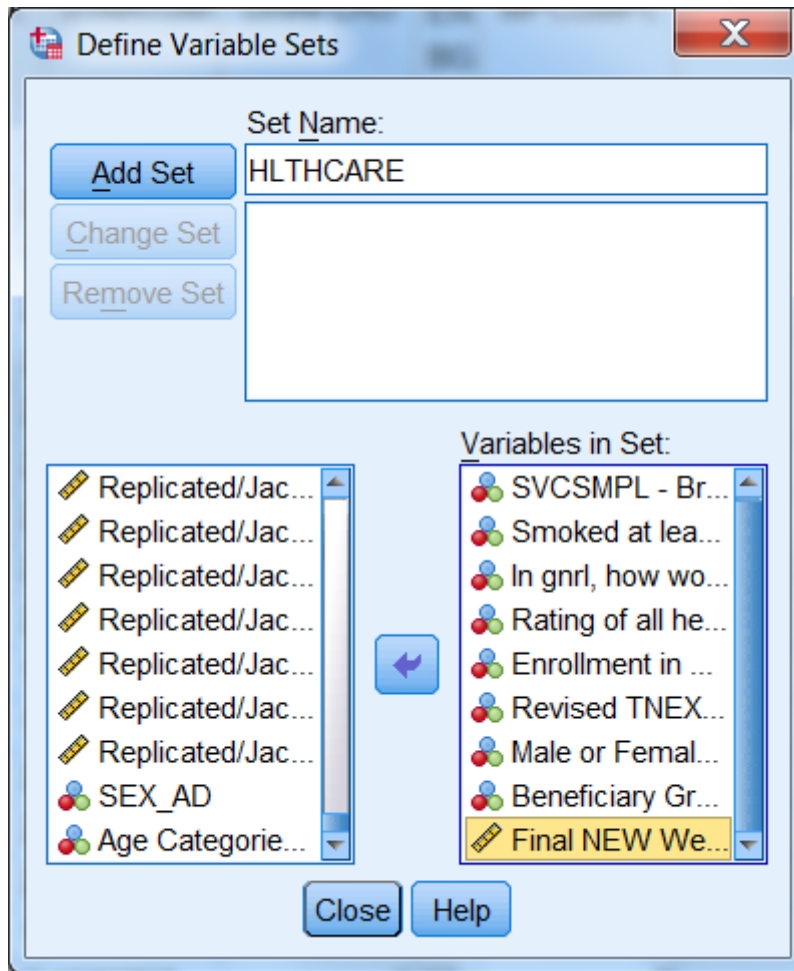


Select Define Variable Sets.

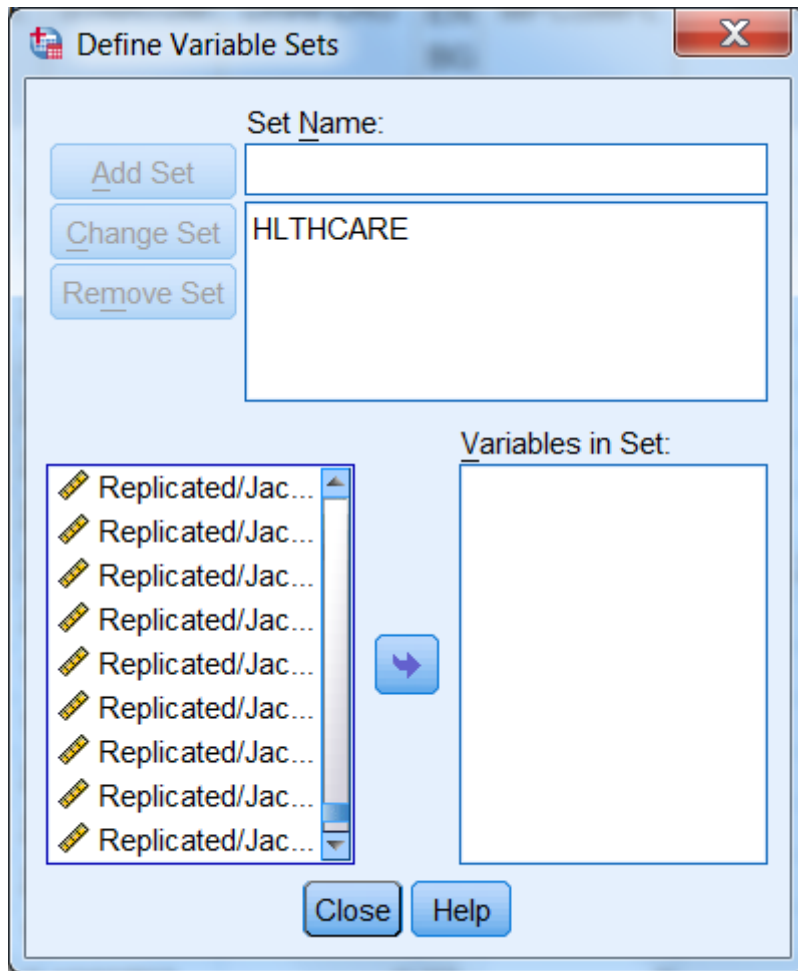


Insert a name for the subset of variables in the slot labeled **Set Name**. Move the variables you want to subset from the list on the left to the slot marked **Variables in Set**. By way of illustration, we will move the nine variables selected for the day's processing.

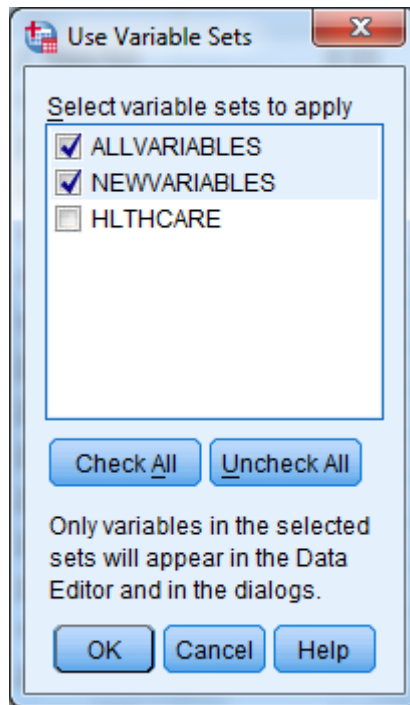
The screen should look like the following:



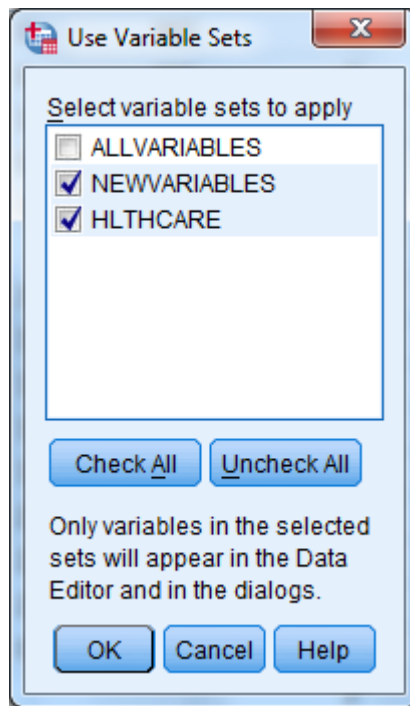
Click on **Add Set** to save the set specifications. The screen will change to the following:



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



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



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

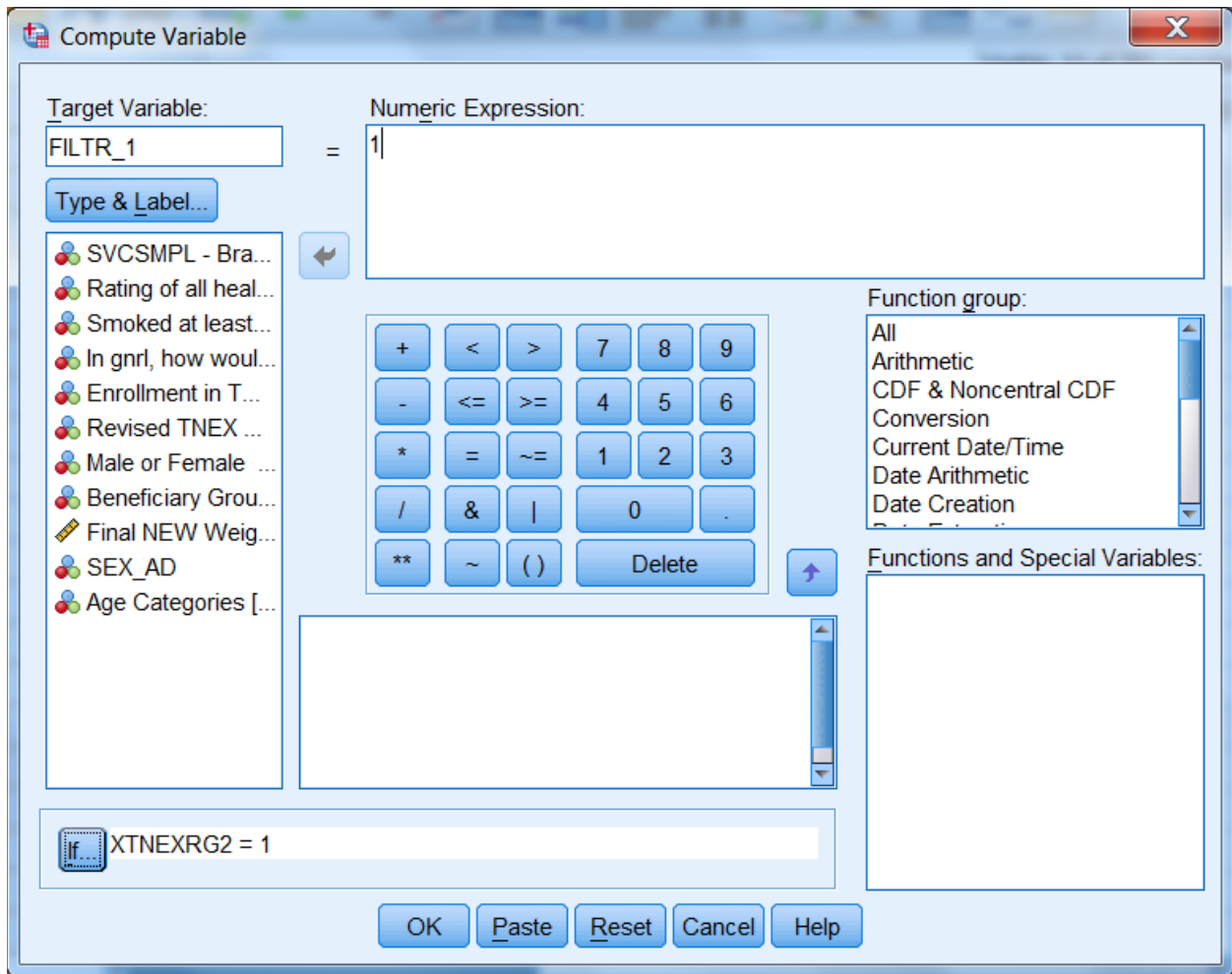
Limiting the Number of Observations

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

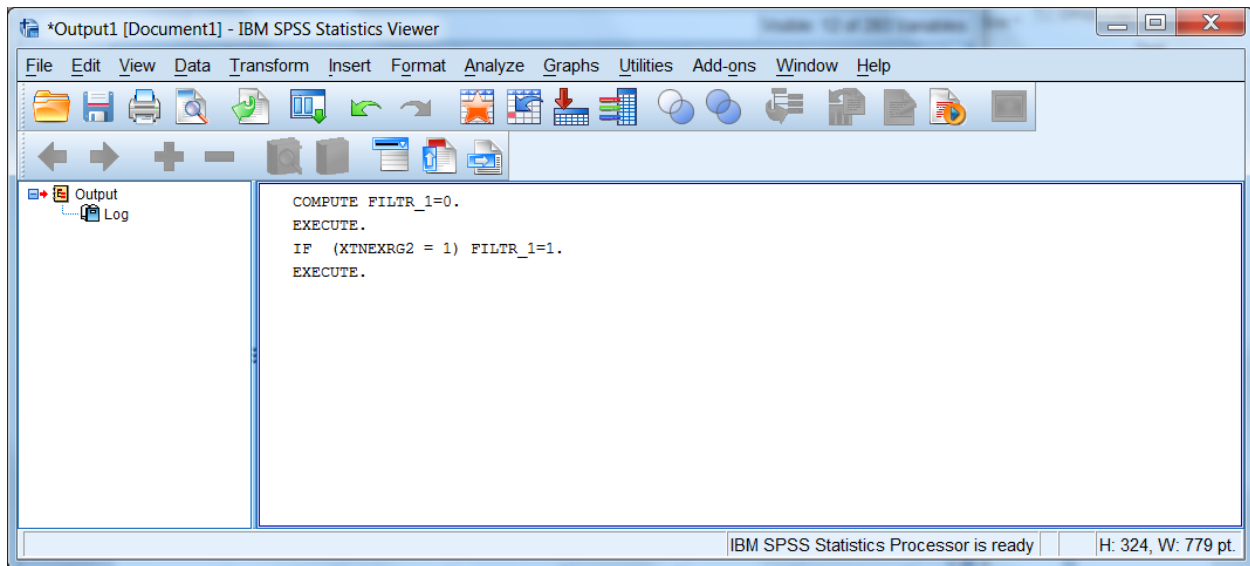
The first task is to **compute** a filter variable for all the cases in the file. A filter variable has two values: **0** and **1**. The **1** indicates that the case will be included for procedures. The **0** flags the case for removal.

For example, suppose you want to produce a table for people who live in the 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.

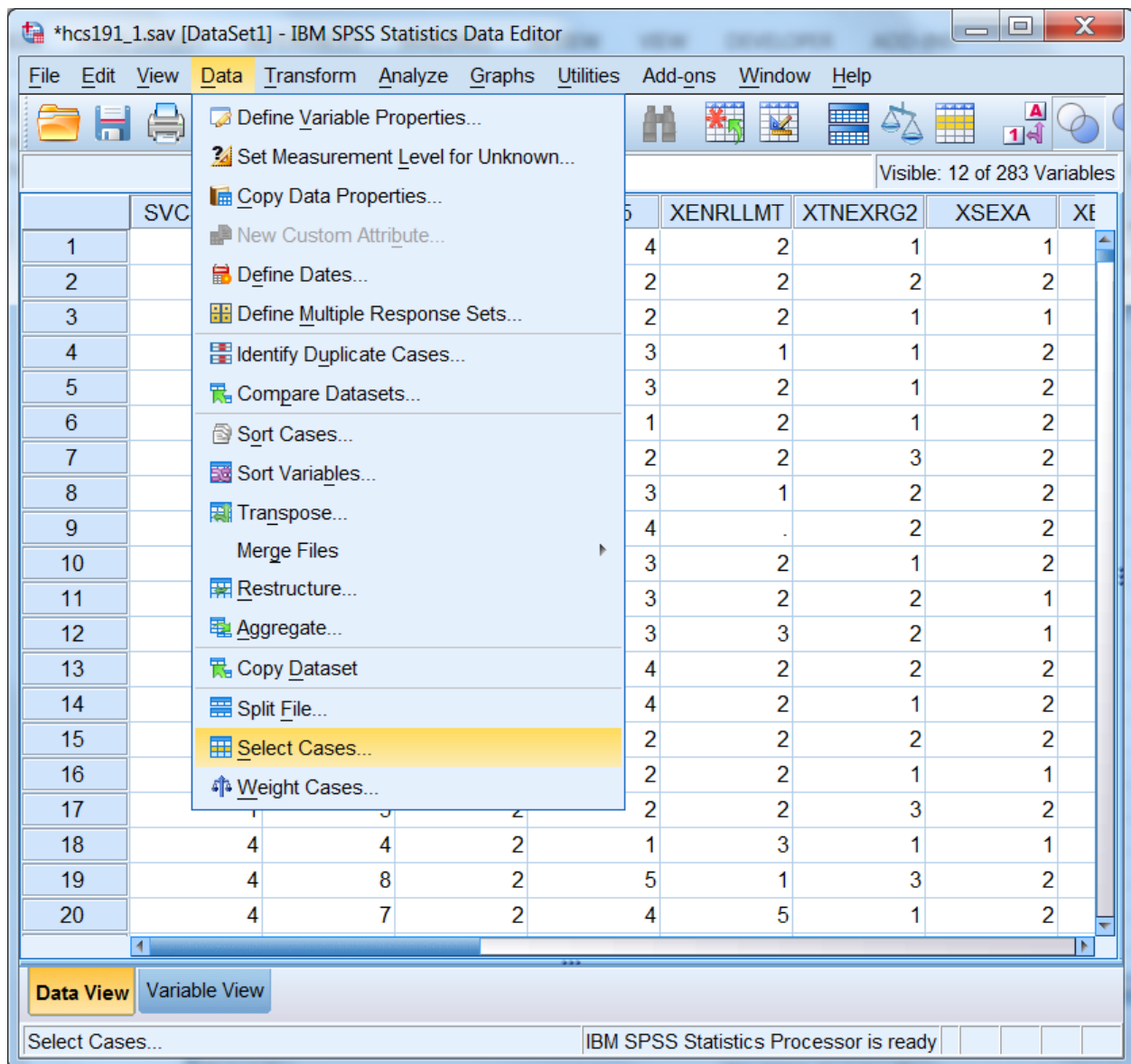


The screen that follows shows the syntax that was generated as you built the variable filtr_1.



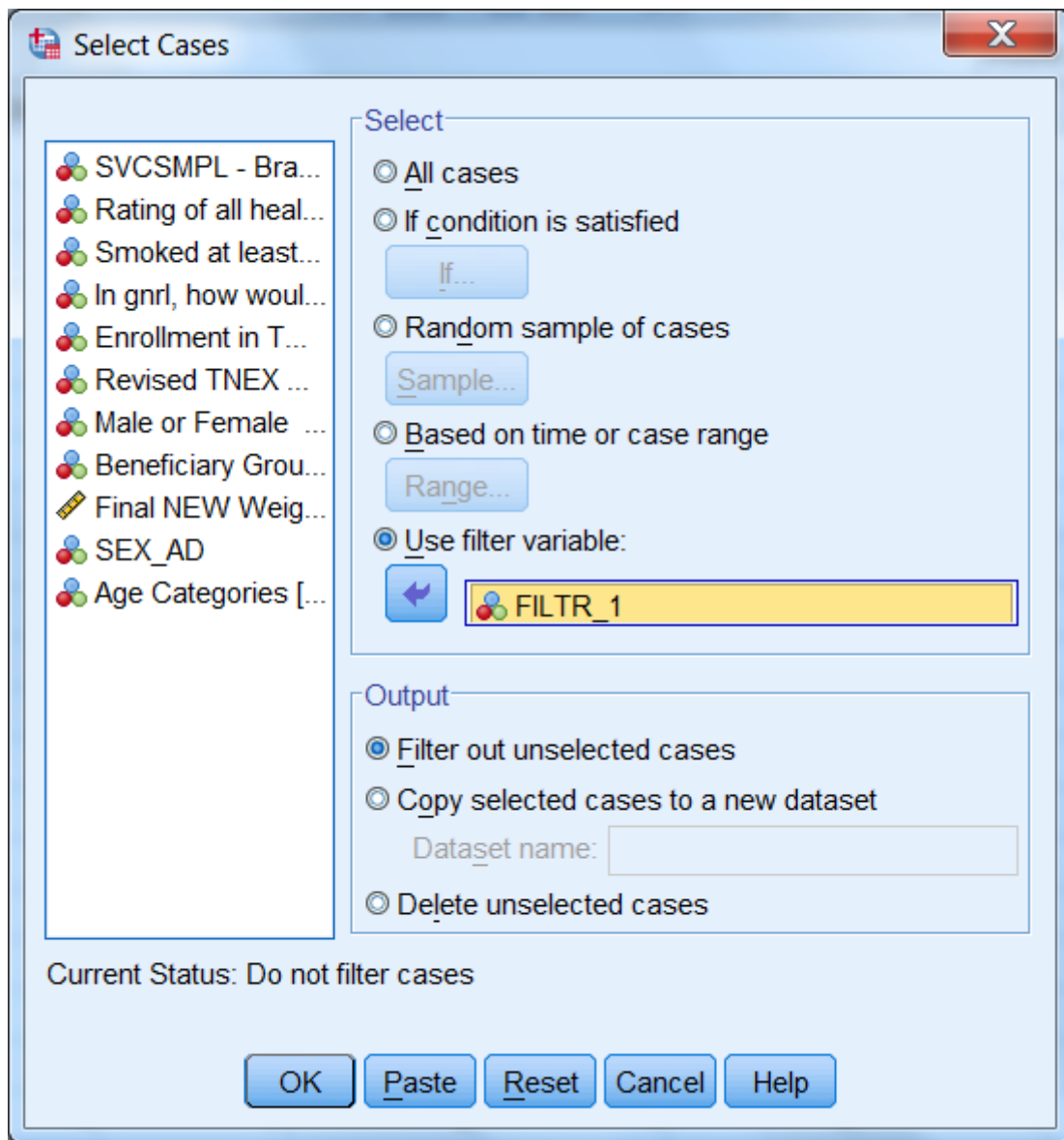
Once you build the filter variable, you can apply it for analyzing only those people from the East.

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.

*hcs191_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

20 : SEX_AD Visible: 12 of 283 Variables

	SVCSMPL	H19018	H19052	H19065	XENRLLMT	XTNEXRG2	XSEXA	XE
1	1	9	2	4	2	1	1	1
2	1	7	2	2	2	2	2	2
3	4	4	1	2	2	1	1	1
4	1	3	2	3	1	1	1	2
5	4	8	1	3	2	1	1	2
6	2	7	2	1	2	1	1	2
7	4	8	1	2	2	3	2	2
8	4	9	2	3	1	2	2	2
9	1	10	.	4	.	2	2	2
10	4	10	2	3	2	1	1	2
11	2	8	1	3	2	2	2	1
12	1	7	2	3	3	2	2	1
13	4	10	2	4	2	2	2	2
14	4	9	2	4	2	1	1	2
15	4	10	1	2	2	2	2	2
16	2	.	2	2	2	1	1	1
17	1	5	2	2	2	3	3	2
18	4	4	2	1	3	1	1	1
19	4	8	2	5	1	3	3	2
20	4	7	2	4	5	1	1	2

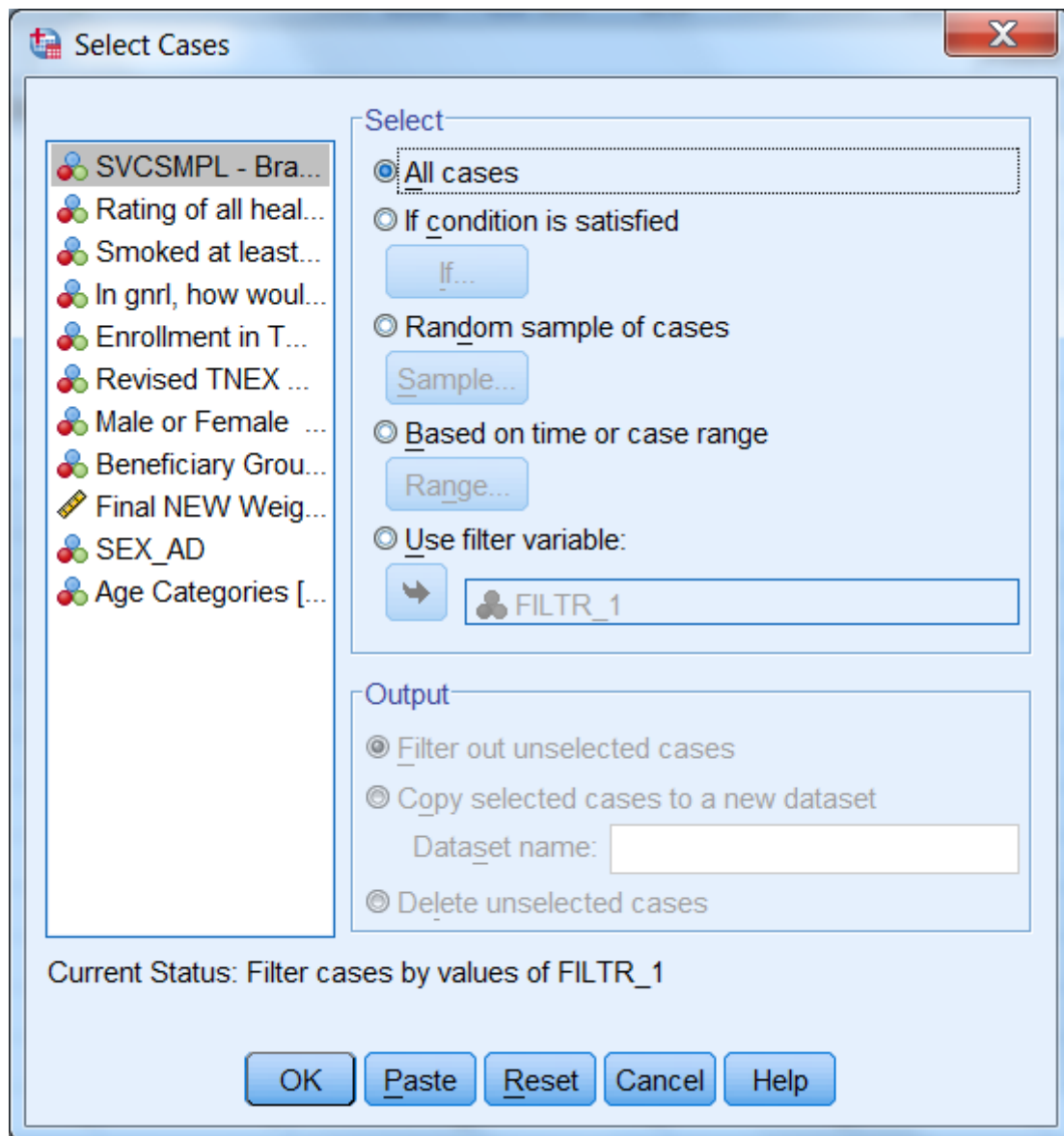
Data View Variable View

IBM SPSS Statistics Processor is ready Filter On

You can now produce tables for the subset of cases.

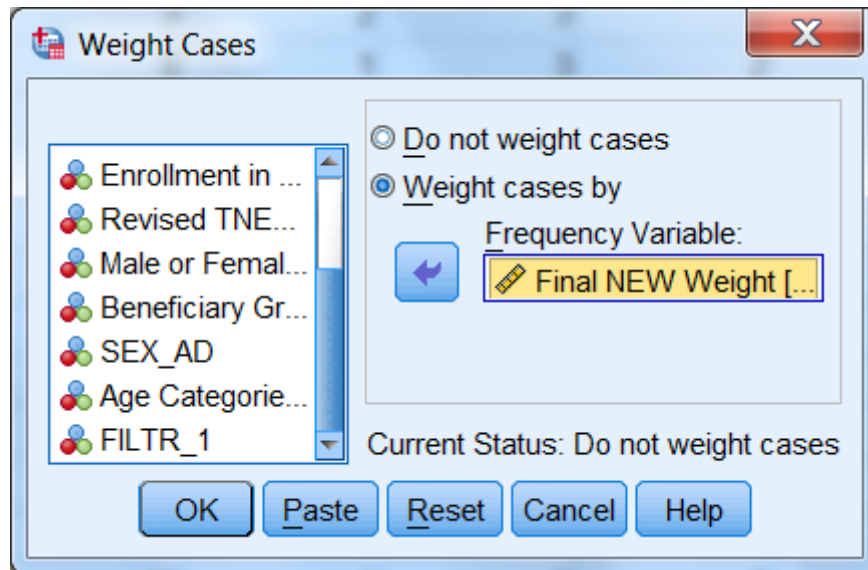
When using filter variables, it is important to check the filter status and to adjust it to fit the present need. Filtered cases are not available for procedures. Moreover, a filter is in effect until it is turned off or until another filter is activated. Check the status line at the bottom of the **Data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

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



Weighting Data

The data file includes a weighting variable, FWRWT, which should be applied to all procedures and runs. Again, using the **Data** menu, choose **Weight Cases**. In the dialog box, choose **Weight cases by**. Move the weight variable from the list on the left into the slot labeled **Frequency Variable** on the right as shown below:



Click on **OK** and exit the dialog box. The indication that the data is weighted appears on the status line near the bottom of the screen. As in the following screen, **Weight On** is specified there.

*hcs191_1.sav [DataSet1] - IBM SPSS Statistics Data Editor

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

20 : SEX_AD Visible: 12 of 283 Variables

	SVCSMPL	H19018	H19052	H19065	XENRLLMT	XTNEXRG2	XSEXA	XE
1	1	9	2	4	2	1	1	
2	1	7	2	2	2	2	2	
3	4	4	1	2	2	1	1	
4	1	3	2	3	1	1	2	
5	4	8	1	3	2	1	2	
6	2	7	2	1	2	1	2	
7	4	8	1	2	2	3	2	
8	4	9	2	3	1	2	2	
9	1	10	.	4	.	2	2	
10	4	10	2	3	2	1	2	
11	2	8	1	3	2	2	1	
12	1	7	2	3	3	2	1	
13	4	10	2	4	2	2	2	
14	4	9	2	4	2	1	2	
15	4	10	1	2	2	2	2	
16	2	.	2	2	2	1	1	
17	1	5	2	2	2	3	2	
18	4	4	2	1	3	1	1	
19	4	8	2	5	1	3	2	
20	4	7	2	4	5	1	2	

Data View Variable View

IBM SPSS Statistics Processor is ready Weight On

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

BUILDING TABLES

Building tables starts with creating a new subset of variables that includes H19052, H19018, H19065, svcsmpl, xbnfgrp, xsexa, xtnexrg2, xenrllmt, 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 (**xtnexrg2 = 1**). Suppose you are also interested in how the respondent's weight relates to his

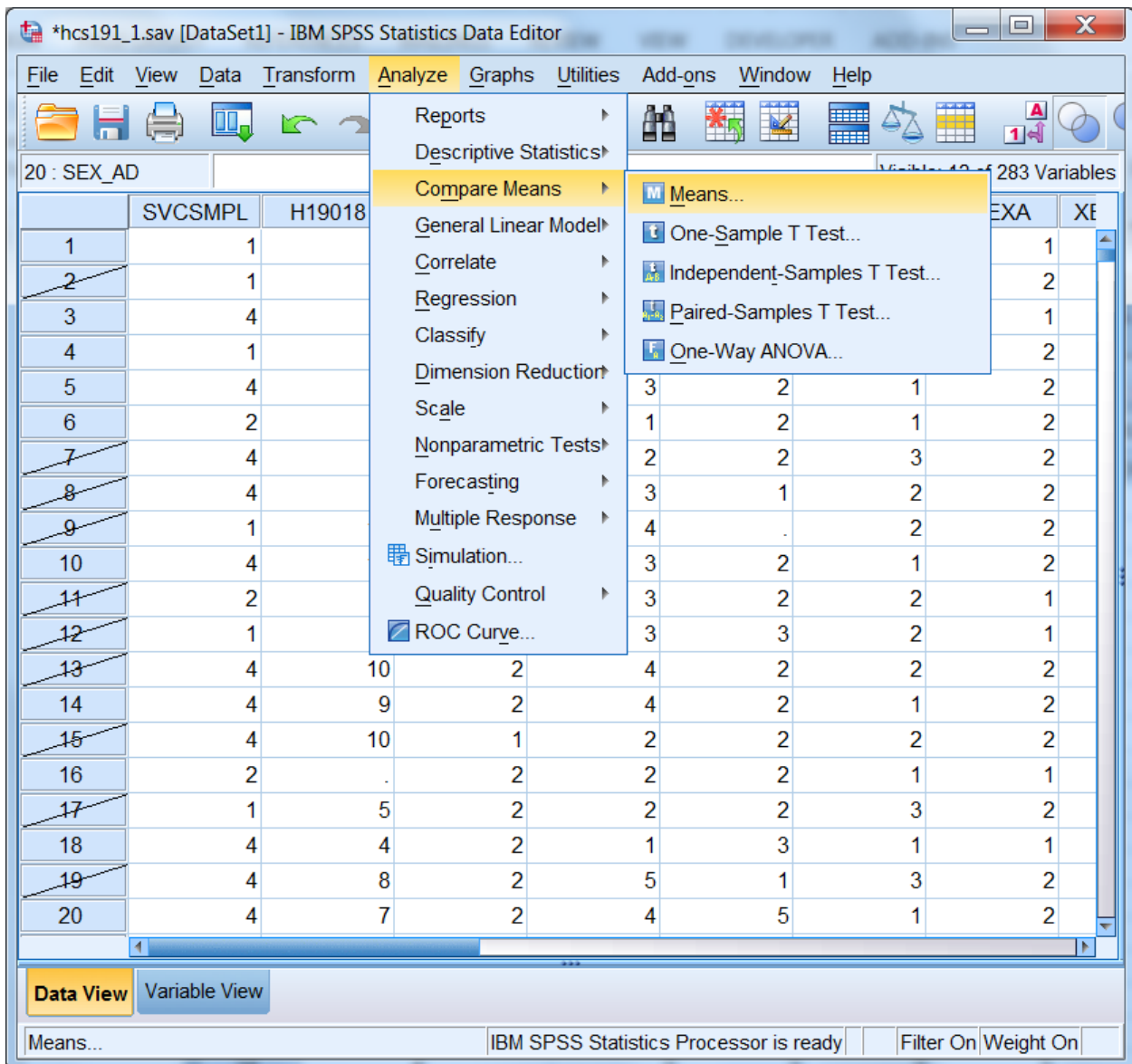
self-evaluation of his health for the East region. Within this grouping, you want to examine the effects of the beneficiary group, **xbnfgpr**, and sex, **xsexa**.

The health care variables are **H19018** (health care rating), and **H19065** (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.

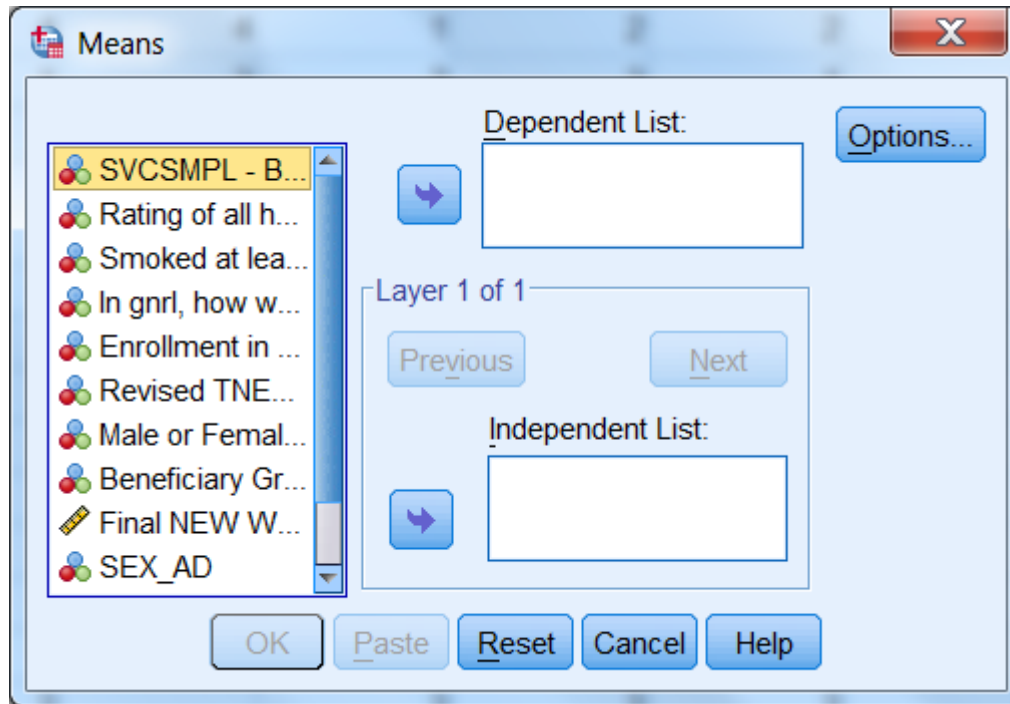
For this analysis, you can use the subset of variables defined above. The subset includes the weight variable, **FWRWT**, which you would activate for procedure runs. The subset also includes the new variable, **filtr_1**, which allows us to select only those cases in the East.

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.

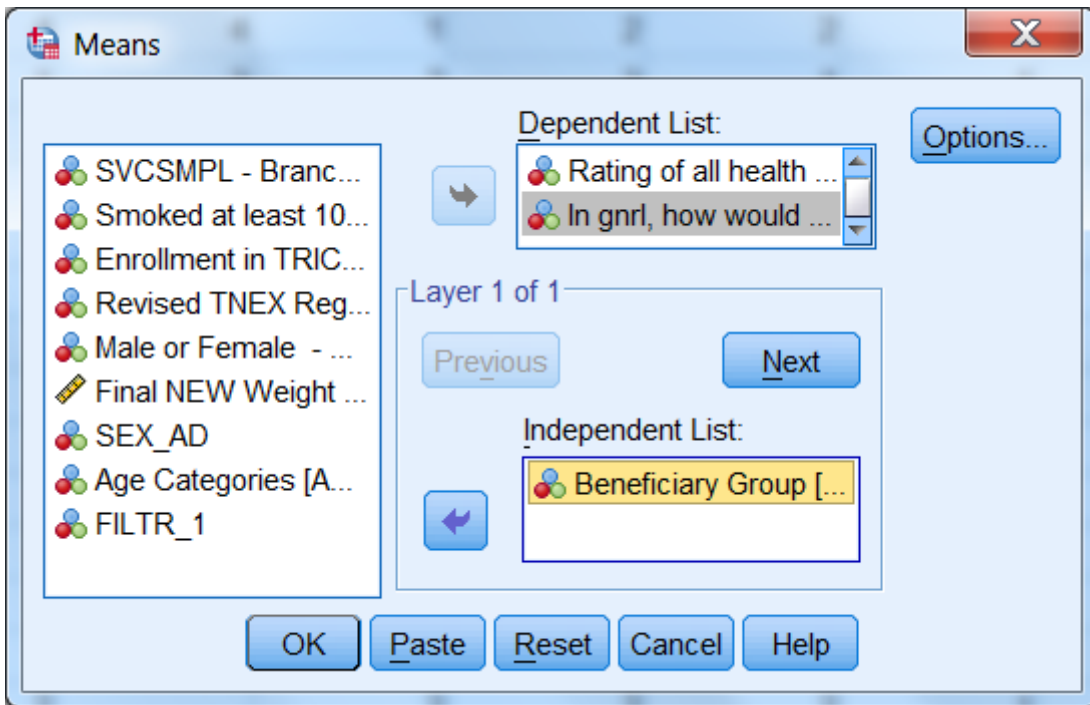
Open the **Analyze** menu in the **Data Window**. Choose **Compare Means** and **Means** from the options as illustrated below.



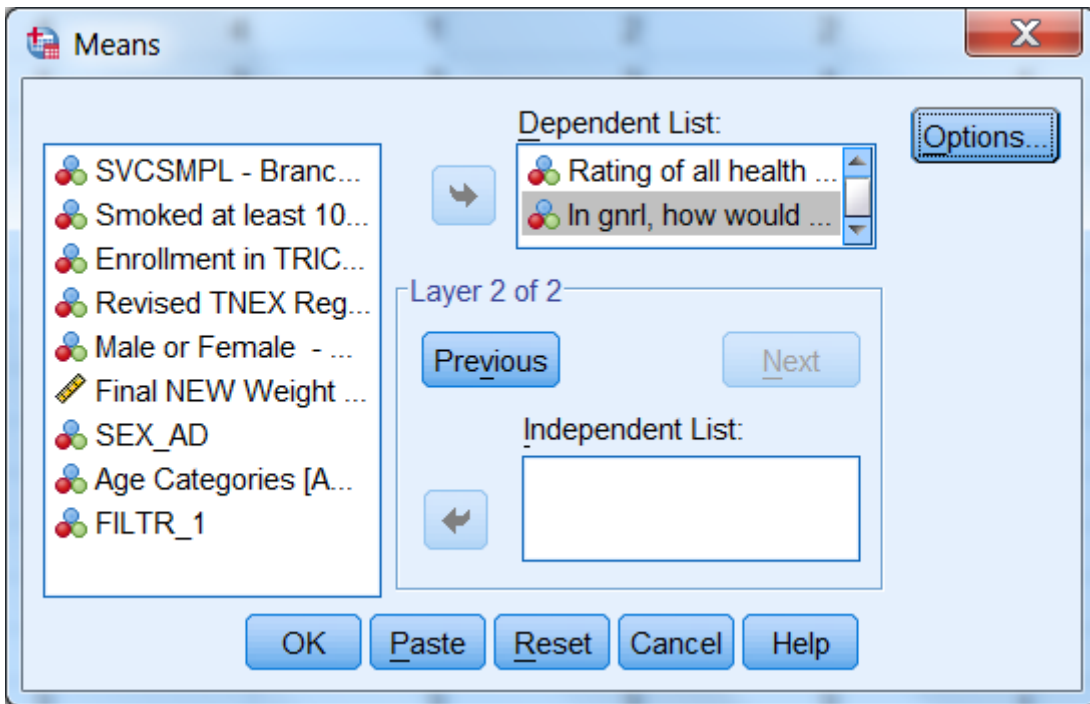
The dialog box for the Means procedure will open as in the following screen:



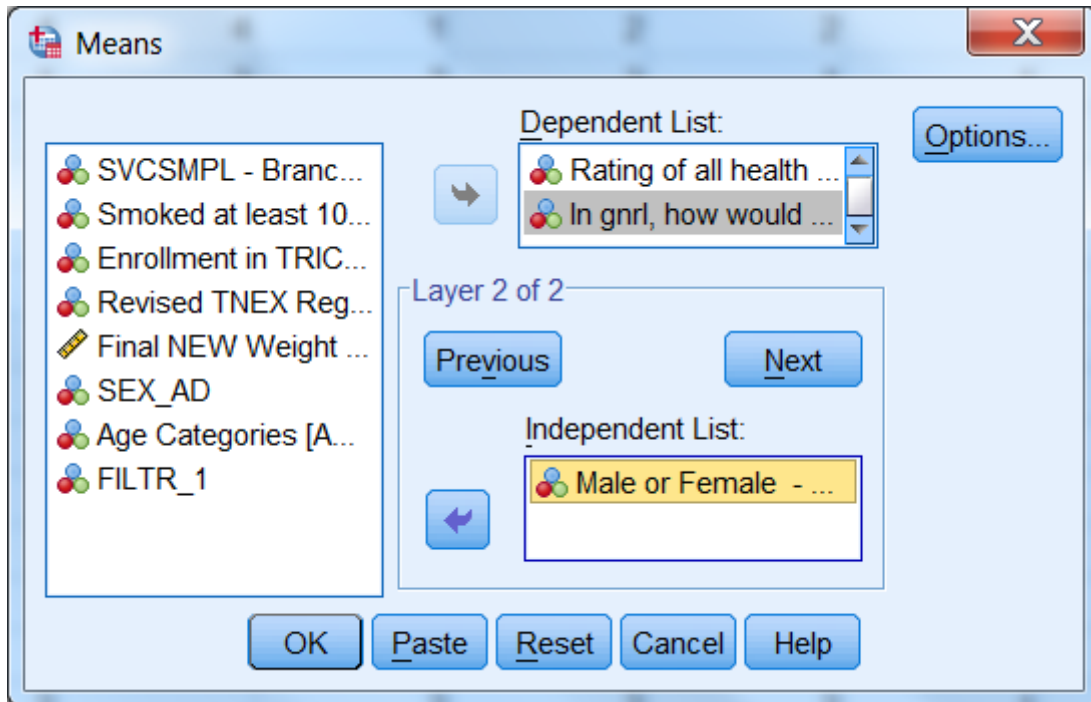
Move the variables **H19018** and **H19065** from the variable list on the left to the box underneath **Dependent List**. These are the two analysis variables. Notice that **Layer 1 of 1** is specified in the middle of the dialog box. Move **XBNFGRP** from the variable list on the left into the box under **Independent List**. **XBNFGRP** is the first grouping variable. The screen should look like the following:



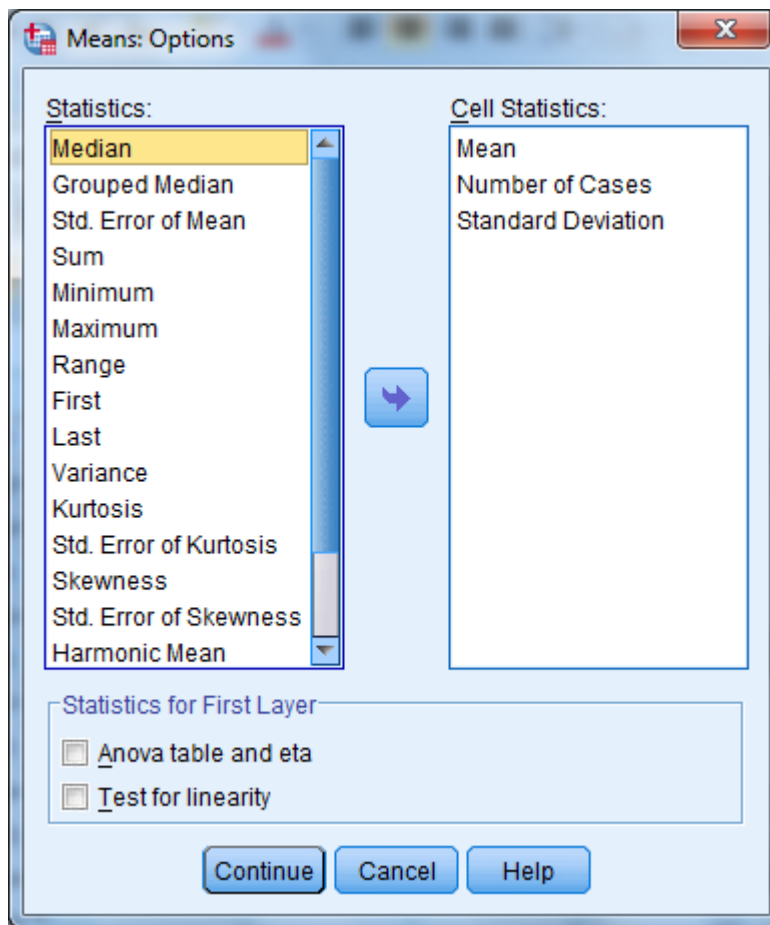
Click on **Next** in the center of the box to create a second layer. The following screen will open:



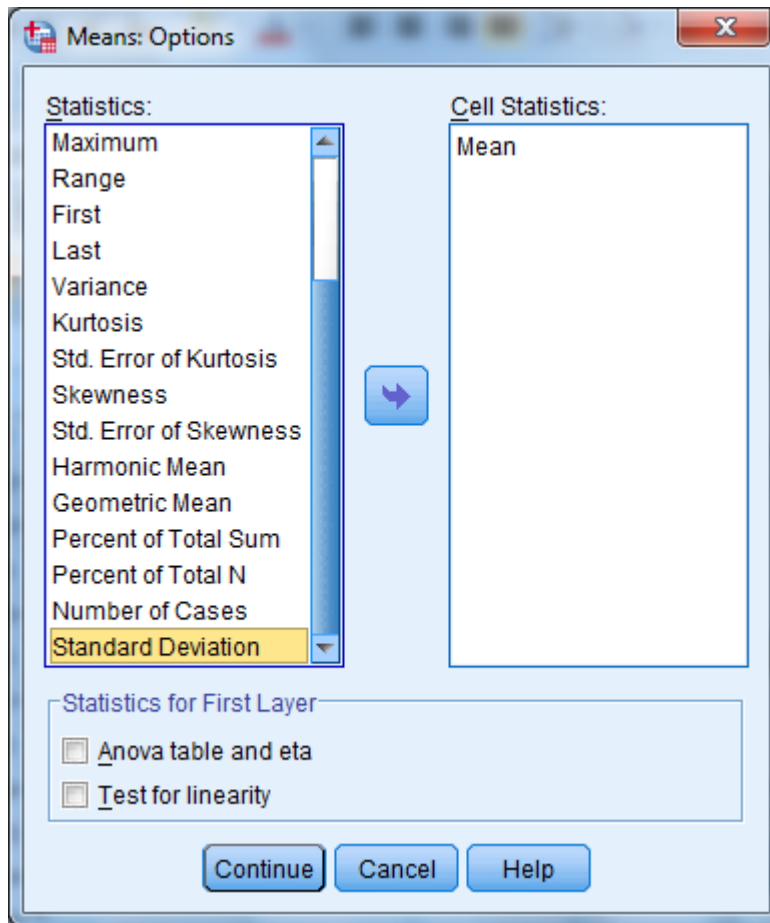
Notice that **Layer 2 of 2** is specified in the middle of the dialog box. Move **xsex** from the variable list on the left into the box under **Independent List**. **Xsex** is the second grouping variable. The screen should look like the following:



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



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



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

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

Means

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Rating of all health care in 1st yr * Beneficiary Group * Male or Female - R	4534381	92.9%	348995	7.1%	4883376	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	4623418	94.7%	259958	5.3%	4883376	100.0%

Report

Mean

Beneficiary Group	Male or Female - R	Rating of all health care in 1st yr	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/Surv/Fam <65	Male	8.35	3.34
	Female	8.46	3.51

IBM SPSS Statistics Processor is ready | H: 22, W: 779 pt.

The output is organized into two sections. On the left side is a navigating tool, which lists the components of the right side, the actual output. In the left pane, **Means** is indicated, and indented under it appear **Title**, **Notes**, **Case Processing Summary**, and **Report**. Clicking on **Means** highlights and selects all the elements. Lines appear around these elements in the right pane. The indenting indicates that the elements are hierarchically organized, with **Means** at the top. Clicking on any of the sub-elements selects just that element.

A closer look at the left pane reveals another feature. Hiding underneath the element icons are book icons. The books are either open or closed. If a book is closed, the element is *hidden*. Notice that the book under the **Notes** icon is closed. This is a default SPSS option. Double-clicking the icon will open the book, and the Notes will appear in the output. Double-clicking an **open** book will close it, and the physical element will *disappear* from the output. Closing a book and hiding the element does *not delete* the element.

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

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

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

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

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

- Output
 - Log
 - Means
 - Title (highlighted)
 - Notes
 - Case Processing
 - Report

The main area displays the following tables:

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	4534381	92.9%	348995	7.1%	4883376	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	4623418	94.7%	259958	5.3%	4883376	100.0%

Report

Mean

Beneficiary Group	Male or Female - R	Rating of all health care in 1st yr	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/SurvFam <65	Male	8.35	3.34
	Female	8.46	3.51

The status bar at the bottom indicates: IBM SPSS Statistics Processor is ready | H: 26, W: 779 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.

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	4534381	92.9%	348995	7.1%	4883376	100.0%
In gnrl, how would you rate ovrrll hlth * Beneficiary Group * Male or Female - R	4623418	94.7%	259958	5.3%	4883376	100.0%

Report

Mean

Beneficiary Group	Male or Female - R	Rating of all health care in 1st yr	In gnrl, how would you rate ovrrll hlth
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/SurvFam <65	Male	8.35	3.34
	Female	8.46	3.51
	Total	8.41	3.43
Ret/SurvFam 65+	Male	9.14	3.45
	Female	8.98	3.53

If you navigate to the next element, **Notes**, you see a closed book. Double-click this item, and the notes will appear as follows:

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

Notes

Output Created		14-APR-2019 20:52:58
Comments		
Input	Data	C:\Files\DoD\Adult 2019\hcs191_1.sav
	Active Dataset	DataSet1
	Filter	FILTR_1
	Weight	Final NEW Weight
	Split File	<none>
	N of Rows in Working Data File	4681
Missing Value Handling	Definition of Missing	For each dependent variable in a table, user-defined missing values for the dependent and all grouping variables are treated as missing. Cases used for each table have no missing values in any independent variable, and not all dependent variables have missing values.
	Cases Used	MEANS TABLES=H19018 H19065 BY XBNFGRP BY XSEXA /CELLS MEAN.
Syntax		
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05

Case Processing Summary

	Cases		Total
	Included	Excluded	

IBM SPSS Statistics Processor is ready | H: 391, W: 589 pt.

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 Pivot Table titled "Mean of Respondent's Health Care Rating w/Health Assessment". The table is structured as follows:

Report			
Mean		Rating of all health care in 1st yr	In gnrl, how would you rate ovral hlth
Beneficiary Group	Male or Female - R		
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/SurvFam <65	Male	8.35	3.34
	Female	8.46	3.51
	Total		
Ret/SurvFam 65+	Male		
	Female		
	Total		
Total	Male		
	Female		
	Total		

A context menu is open over the table, showing options: Cut, Copy, Copy Special..., Paste After, Create/Edit Autocript..., Export..., and Edit Content (which is highlighted). A red arrow points to the 'Report' tab in the left-hand pane.

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

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

Mean		Rating of all health care in 1st yr	In gnrl, how would you rate ovrrl hlth
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/SurvFam <65	Male	8.35	3.34
	Female	8.46	
	Total	8.41	
Ret/SurvFam 65+	Male	9.14	
	Female	8.98	
	Total	9.07	
Total	Male	8.35	
	Female	8.32	
	Total	8.34	

A context menu is open over the table, and a sub-menu is open over the "Edit Content" option, with "In Separate Window" highlighted. The status bar at the bottom indicates "IBM SPSS Statistics Processor is ready" and "H: 405, W: 453 pt."

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

The screenshot shows a Pivot Table Report window with the following data:

Beneficiary Group		Male or Female - R	Rating of all health care in 1st yr	In gnrl, how would you rate ovrall hlth
Active Duty <65	Male		7.26	3.76
	Female		7.08	3.59
	Total		7.21	3.72
Family of Active <65	Male		8.07	4.09
	Female		7.68	3.69
	Total		7.71	3.72
Ret/Surv/Fam <65	Male		8.35	3.34
	Female		8.46	3.51
	Total		8.41	3.43
Ret/Surv/Fam 65+	Male		9.14	3.45
	Female		8.98	3.53
	Total		9.07	3.48
Total	Male		8.35	3.51
	Female		8.32	3.56
	Total		8.34	3.53

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

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

The screenshot shows a 'Pivot Table Report' window. The table contains data for various beneficiary groups, categorized by gender (Male or Female), with two numerical columns. A context menu is open over the table, with 'Transpose Rows and Columns' selected. The table data is as follows:

Beneficiary Group	Male or Female - R	1st yr	rate over all time
Active Duty <65	Male	7.26	3.76
	Female	7.08	3.59
	Total	7.21	3.72
Family of Active <65	Male	8.07	4.09
	Female	7.68	3.69
	Total	7.71	3.72
Ret/Surv/Fam <65	Male	8.35	3.34
	Female	8.46	3.51
	Total	8.41	3.43
Ret/Surv/Fam 65+	Male	9.14	3.45
	Female	8.98	3.53
	Total	9.07	3.48
Total	Male	8.35	3.51
	Female	8.32	3.56
	Total	8.34	3.53

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.

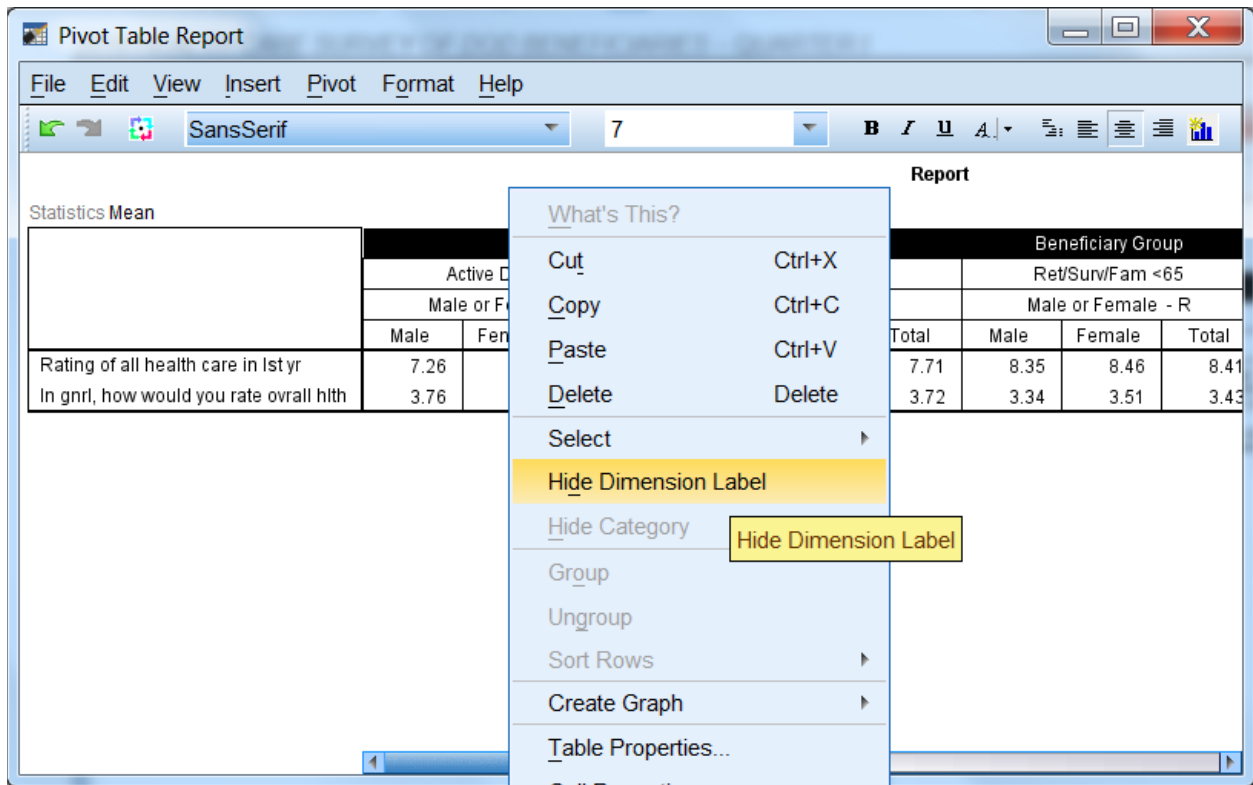
Report

Statistics Mean

	Beneficiary Group								
	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65		
	Male or Female - R			Male or Female - R			Male or Female - R		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Rating of all health care in 1st yr	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41
In gnrl, how would you rate overall hlth	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43

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

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



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

The screenshot shows a Pivot Table Report window with the following data:

Report									
Statistics Mean									
	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Rating of all health care in 1st yr	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41
In gnrl, how would you rate overall hlth	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43

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 7 B I U A

Statistics Mean

	Active Duty <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Su	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	F
Health Care Rating	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	
Health State	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	

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

Sa **Title**

Statistics Mean

	y <65			Family of Active <65			Ret/Surv/Fam <65			Ret/Su	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	F
Health Care Rating	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	
Health State	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	

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

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

Pivot Table Report

File Edit View Insert Pivot Format Help

SansSerif 7 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+		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Health Care Rating	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	8.98	9.06
Health State	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	3.53	3.49

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

The screenshot shows the IBM SPSS Statistics Viewer window with the following content:

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	7.26	7.08	7.21	8.07	7.68	7.71	8.35
Health State	3.76	3.59	3.72	4.09	3.69	3.72	3.34

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	8.46	8.41	9.14	8.98	9.07	8.35	8.32
Health State	3.51	3.43	3.45	3.53	3.48	3.51	3.56

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

Page 1 SPSS Statistics Processor is ready

Calculating Percents

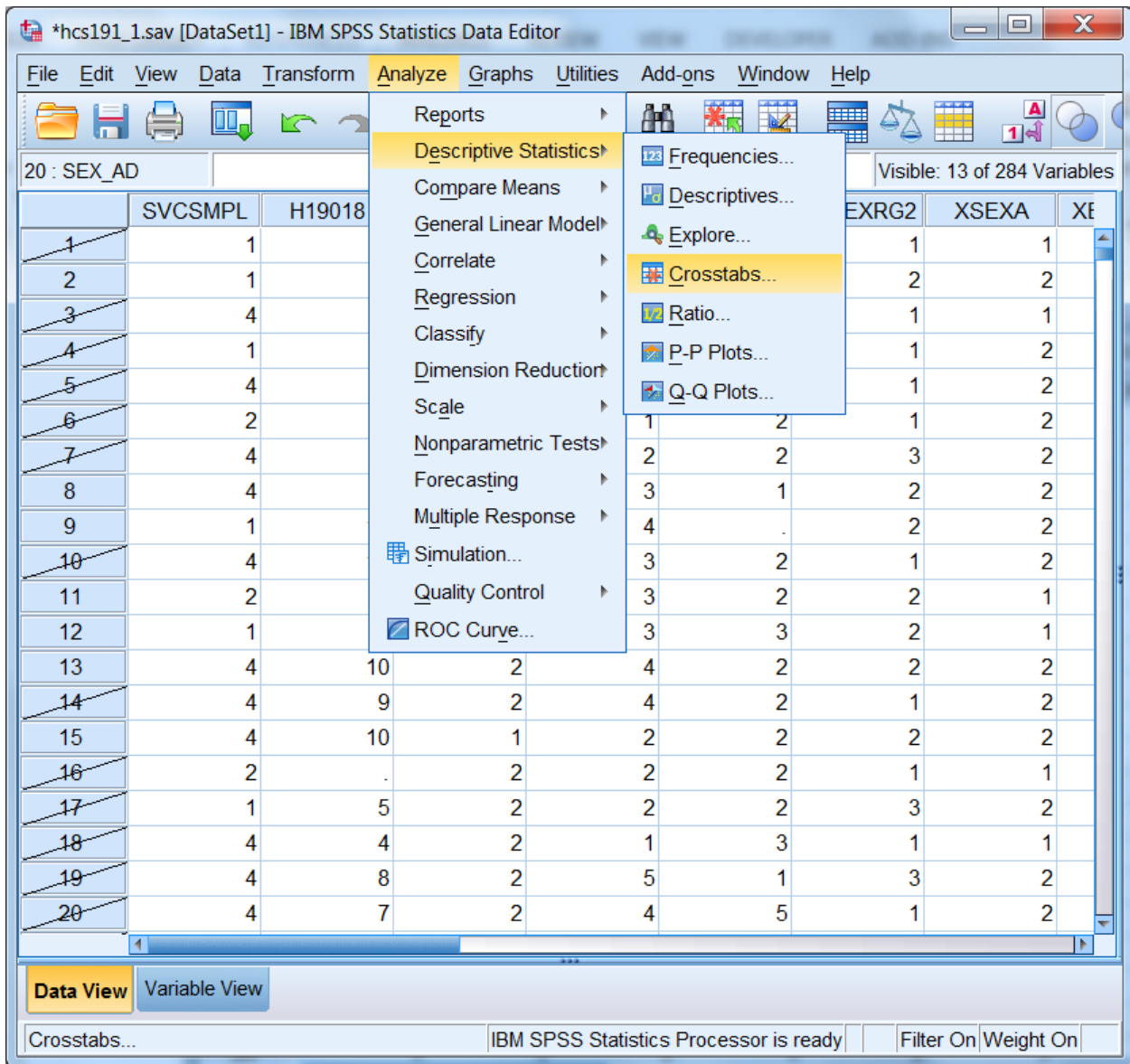
The **Crosstabs** procedure offers many options for analyzing data. The distribution of cases resulting from “crossing” one variable with another is often of interest. The number of cases, row percentages, column percentages, total percentages, and residuals are easily reproduced by **Crosstabs**. A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

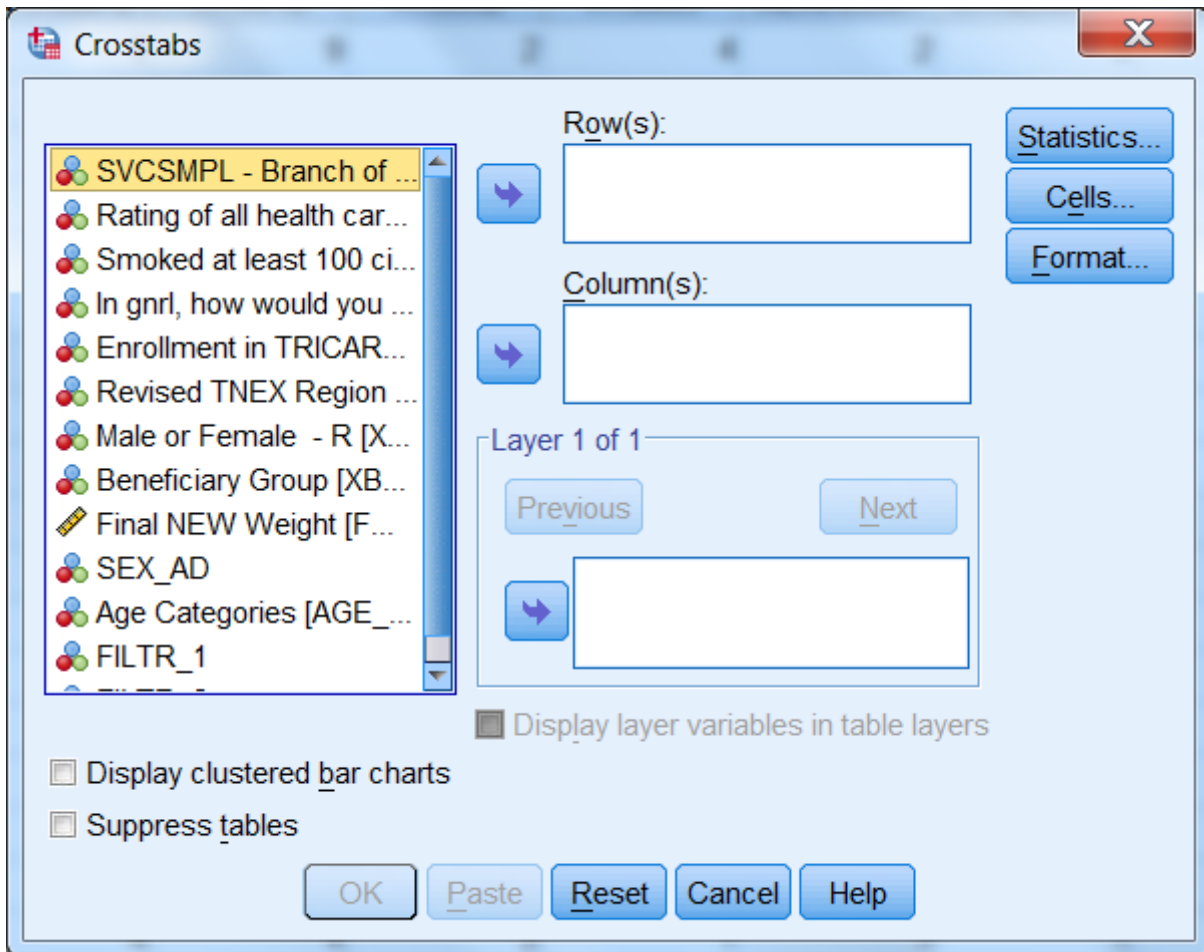
For example, suppose you want to see the percentage of people within each branch of service who answered “yes” or “no” to the question, “Did you ever smoke at least 100 cigarettes in your life?” The variables in this analysis are **svcsmpl** – the branch of service, and **H19052** – the questionnaire 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**.

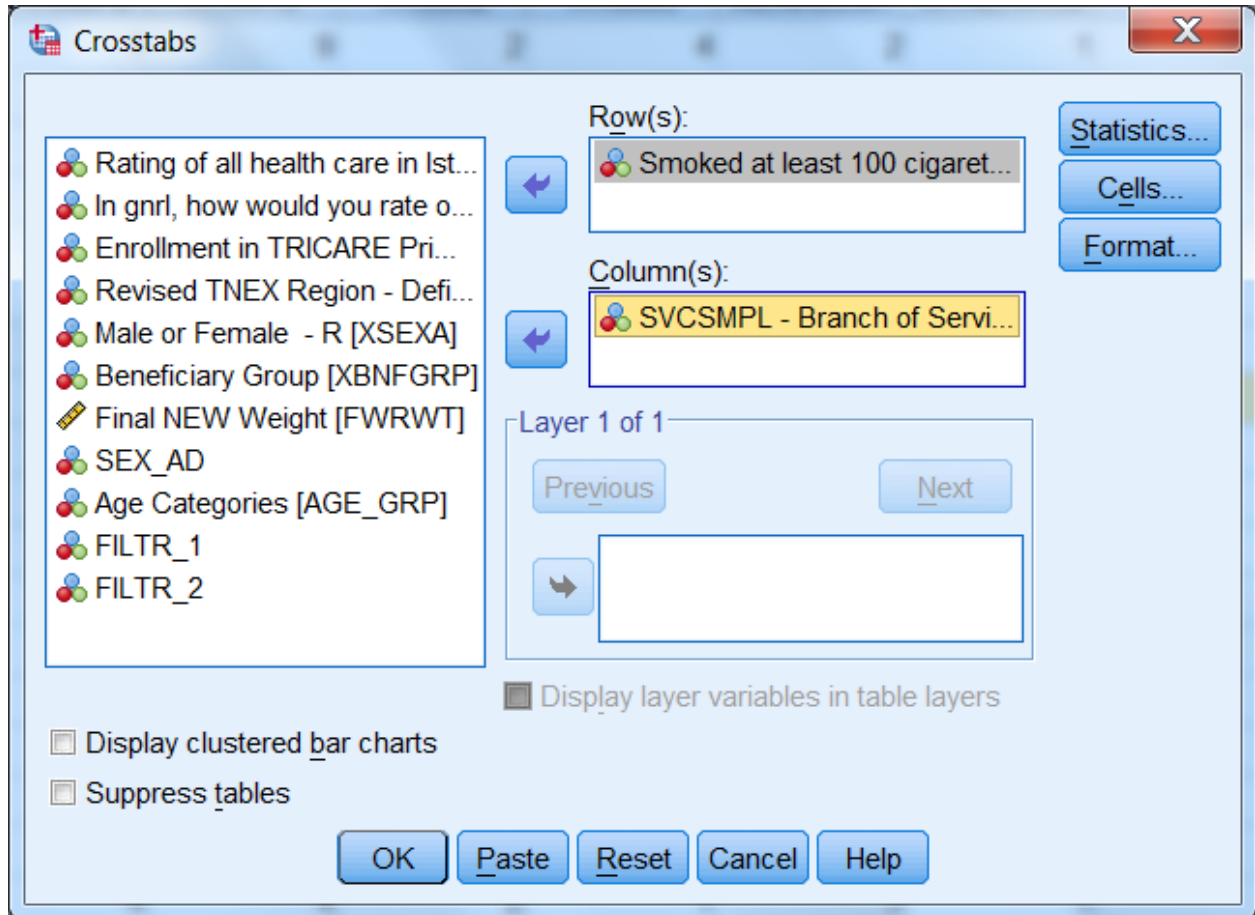
Next, open the **Analyze** menu in the **Data Window**, choosing **Descriptive Statistics** and **Crosstabs**, as shown below.



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

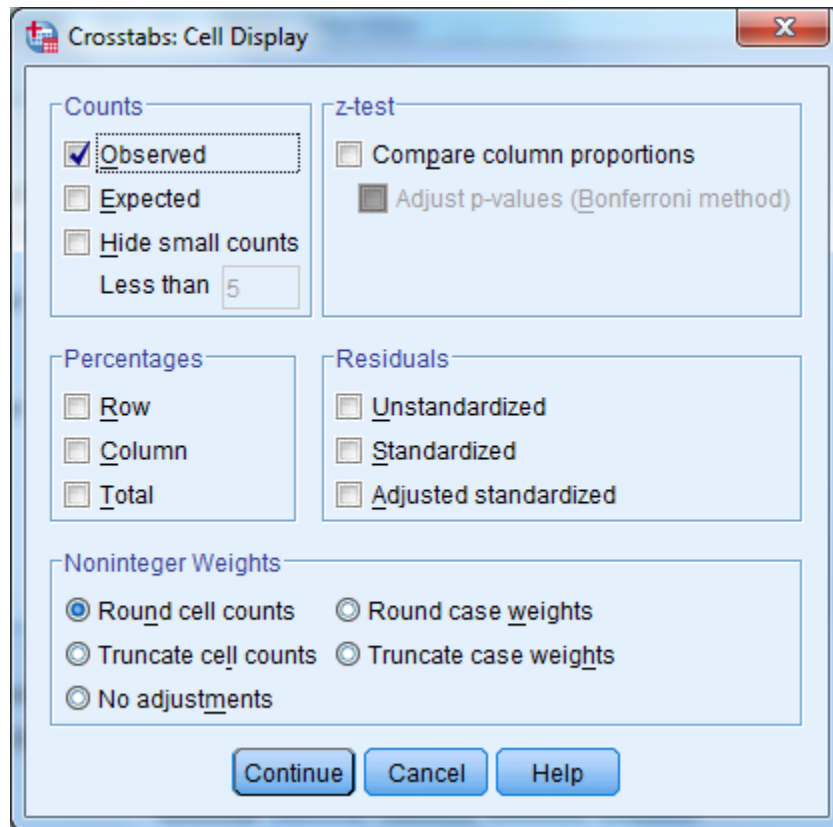


Move **H19052** from the variable list on the left into the box marked **Row(s)**;, and move the variable **svcsmpl** into the box marked **Column(s)**;. The screen will resemble the following:



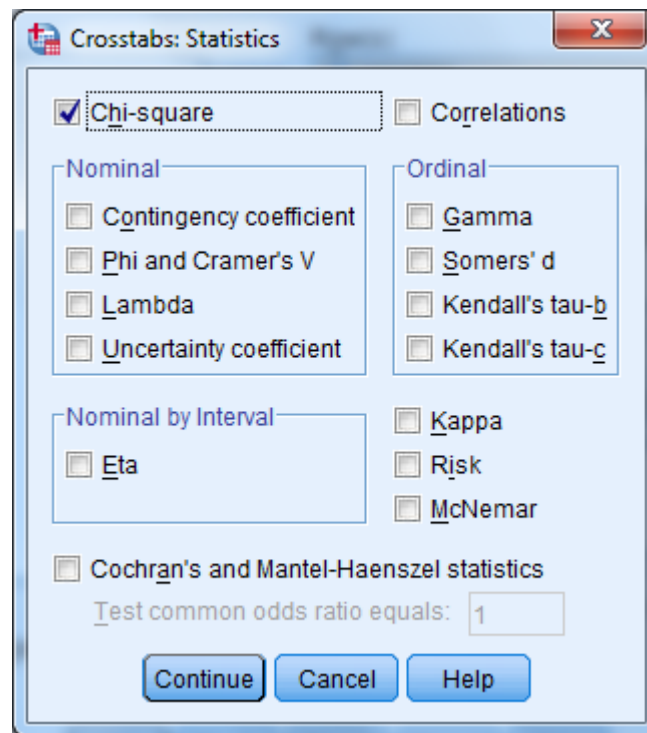
For this analysis, there are no **Layer** variables, so you can proceed to format the table cells.

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



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

Suppose you also want to see the chi-square statistic. Click on **Statistics**, and the following screen will open:



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

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

The screenshot shows the IBM SPSS Statistics Viewer interface. The main window displays a pivot table titled "Mean of Respondent's Health Care Rating w/Health Assessment". The table is broken down by beneficiary status and gender. Below the main table, there is a section titled "West Region: Smoked 100+ Cigarettes in Life" which includes a "Case Processing Summary" table and a "Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service Crosstabulation" table.

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

Mean	Active Duty <65			Family of Active <65			Ret/SurvFam <65			Ret/Surv	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Health Care Rating	7.26	7.08	7.21	8.07	7.68	7.71	8.35	8.46	8.41	9.14	
Health State	3.76	3.59	3.72	4.09	3.69	3.72	3.34	3.51	3.43	3.45	

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Smoked at least 100 cigarettes in life * SVCSMPL - Branch of Service	2135241	95.5%	100656.624	4.5%	2235897.624	100.0%

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/Unk
Smoked at least 100 cigarettes in life *						

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.

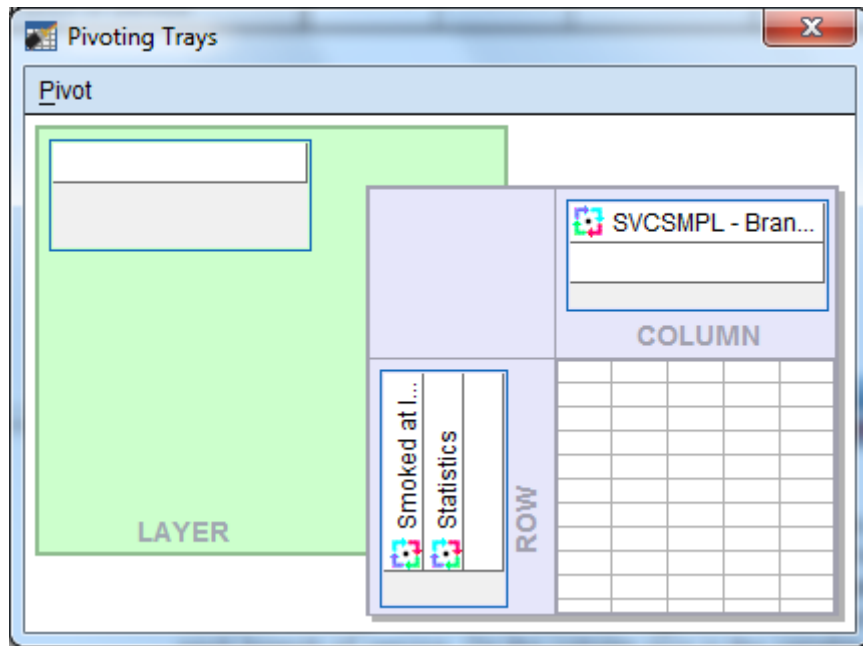
Right click inside the table and navigate to **Edit Content**, followed by **In Separate Window**. This will open an **SPSS Pivot Table Object**, as follows:

			SVCSMPL - Branch of Service						Total
			Army	Navy	Marine Corps	Air Force	Coast Guard	Other/Unknown	
Smoked at least 100 cigarettes in life	Yes	Count	237646	150481	44066	188556	21045	621	642415
		% within SVCSMPL - Branch of Service	32.5%	34.1%	22.8%	26.9%	38.3%	5.2%	30.1%
	No	Count	494597	290813	149306	512921	33886	11303	1492826
		% within SVCSMPL - Branch of Service	67.5%	65.9%	77.2%	73.1%	61.7%	94.8%	69.9%
Total		Count	732243	441294	193372	701477	54931	11924	2135241
		% 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:

			SVCSMPL - Branch of Service						Total
			Navy	Marine Corps	Air Force	Coast Guard	Other/Unknown		
Smoked at least 100 cigarettes in life	Yes	Count	237646	150481	44066	188556	21045	621	642415
		% within SVCSMPL - Branch of Service	32.5%	34.1%	22.8%	26.9%	38.3%	5.2%	30.1%
	No	Count	494597	290813	149306	512921	33886	11303	1492826
		% within SVCSMPL - Branch of Service	67.5%	65.9%	77.2%	73.1%	61.7%	94.8%	69.9%
Total		Count	732243	441294	193372	701477	54931	11924	2135241
		% within SVCSMPL - Branch of Service	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

The pivoting tool will appear:



This tool reflects the table structure: rows, columns, and layers. The icons in the margins of the pivoting trays represent the table elements: the variables and the cell statistics. Place the mouse pointer on each icon and notice the element name appear. In this example, on the ROW axis, you would find the variable, **H19052** – 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:

		SVCSMPL - Branch of Service							
		Army		Navy		Marine Corps		Air Force	
		Count	% within SVCSMPL - Branch of Service	Count	% within SVCSMPL - Branch of Service	Count	% within SVCSMPL - Branch of Service	Count	% within SVCSMPL - Branch of Service
Smoked at least 100 cigarettes in life	Yes	237646	32.5%	150481	34.1%	44066	22.8%	188556	26.9%
	No	494597	67.5%	299113	65.9%	149208	73.2%	512024	73.1%
Total		732243	100.0%	449594	61.4%	149208	20.1%	690580	94.4%

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	237646	32.5%	150481	34.1%	44066	22.8%	188556	26.9%	21045	38.3%
	No	494597	67.5%	290813	65.9%	149306	77.2%	512921	73.1%	33886	61.7%
Total		732243	100.0%	441294	100.0%	193372	100.0%	701477	100.0%	54931	100.0%

Last, notice that the label for **H19052** is awkward. Select and clear it.

The finished table appears as follows:

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

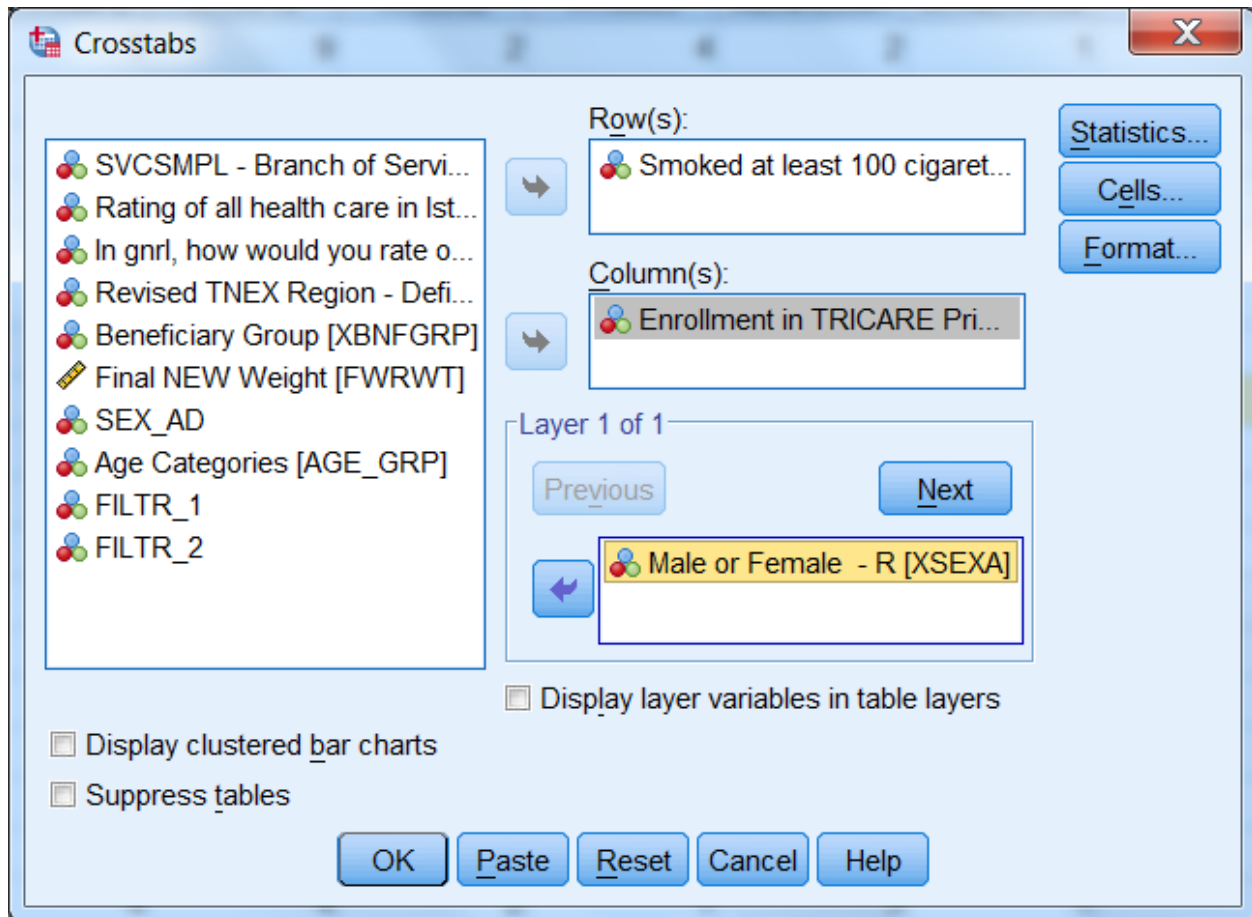
	Branch of Service												Total
	Army		Navy		Marine Corps		Air Force		Coast Guard		Other/Unknown		
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	
Yes	237646	32.5%	150481	34.1%	44066	22.8%	188556	26.9%	21045	38.3%	621	5.2%	642415
No	494597	67.5%	290813	65.9%	149306	77.2%	512921	73.1%	33886	61.7%	11303	94.8%	1492826
Total	732243	100.0%	441294	100.0%	193372	100.0%	701477	100.0%	54931	100.0%	11924	100.0%	2135241

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, **H19052**, suppose you want to look at the percentage of people by their enrollment status in TRICARE Prime, **xenrllmt**, who smoked at least 100 cigarettes in their lifetime. Suppose you are also interested in sex differences, **xsexa**, among the groupings. **Xsexa** is the **Layer** variable. You want to remain in the 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:

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

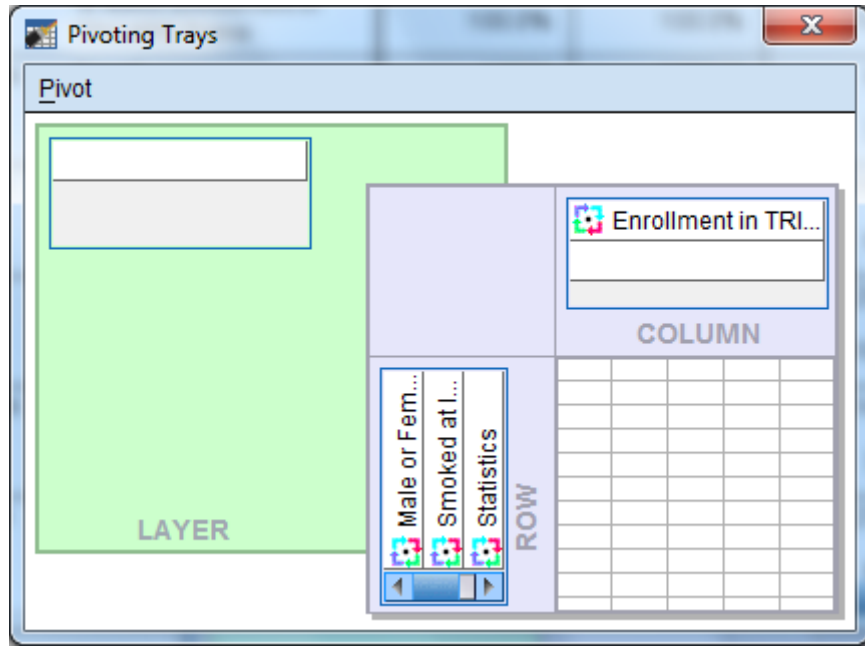
File Edit View Insert Pivot Format Help

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

				Enrollment in TRICARE Prime					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	82548	65777	49184	146656	32817	376982
			% within Enrollment in TRICARE Prime	25.1%	34.5%	28.7%	51.5%	44.5%	35.9%
		No	Count	245772	124722	122389	138276	40941	672100
			% within Enrollment in TRICARE Prime	74.9%	65.5%	71.3%	48.5%	55.5%	64.1%
	Total	Count	328320	190499	171573	284932	73758	1049082	
		% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Female	Smoked at least 100 cigarettes in life	Yes	Count	23700	94673	43392	87400	12226	261391
			% within Enrollment in TRICARE Prime	13.4%	23.2%	20.5%	34.4%	42.7%	24.3%
		No	Count	152684	313105	167867	166420	16409	816485
			% within Enrollment in TRICARE Prime	86.6%	76.8%	79.5%	65.6%	57.3%	75.7%
	Total	Count	176384	407778	211259	253820	28635	1077876	
		% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Total	Smoked at least 100 cigarettes in life	Yes	Count	106248	160450	92576	234056	45043	638373
			% within Enrollment in TRICARE Prime	21.1%	26.8%	24.2%	43.4%	44.0%	30.0%
		No	Count	398456	437827	290256	304696	57350	1488585
			% within Enrollment in TRICARE Prime	78.9%	73.2%	75.8%	56.6%	56.0%	70.0%
	Total	Count	504704	598277	382832	538752	102393	2126958	
		% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	

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

Select the **Pivot** menu to activate the **Pivoting Trays**. The table structure is reproduced in the tool as follows:



Place the mouse pointer on each small icon to find the second grouping variable, labeled **Male or Female - R**, in the ROW dimension. Move it to the COLUMN dimension, and the table changes to the following:

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

File Edit View Insert Pivot Format Help

Smoked at least 100 cigarettes in life * Enrollment in TRICARE Prime * Male or Female

			Enrollment in TRICARE Prime							
			Active Duty - under 65			Enrolled - under 65			Not enrolled - U	
			Male or Female - R			Male or Female - R			Male or Female	
			Male	Female	Total	Male	Female	Total	Male	Female
Smoked at least 100 cigarettes in life	Yes	Count	82548	23700	106248	65777	94673	160450	49184	43391
		% within Enrollment in TRICARE Prime	25.1%	13.4%	21.1%	34.5%	23.2%	26.8%	28.7%	20.5%
	No	Count	245772	152684	398456	124722	313105	437827	122389	167861
		% within Enrollment in TRICARE Prime	74.9%	86.6%	78.9%	65.5%	76.8%	73.2%	71.3%	79.5%
Total		Count	328320	176384	504704	190499	407778	598277	171573	211251
		% within Enrollment in TRICARE Prime	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Pivoting Trays

Pivot

Enrollment i...
Male or Fe...

COLUMN

Smoked ...
Statistics

ROW

LAYER

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

The screenshot shows an Excel PivotTable with the following data:

		Active Duty - under 65						Enrolled - un	
		Male or Female - R						Male or Fem	
		Male		Female		Total		Male	
		% within Enrollment in TRICARE Prime		% within Enrollment in TRICARE Prime		% within Enrollment in TRICARE Prime		% within Enrollment in TRICARE Prime	
		Count	%	Count	%	Count	%	Count	%
Smoked at least 100 cigarettes in life	Yes	82548	25.1%	23700	13.4%	106248	21.1%	65777	34.5%
	No	245772	74.9%	152684	86.6%	398456	78.9%	124722	65.5%
Total		328320	100.0%	176384	100.0%	504704	100.0%	190499	100.0%

The 'Pivoting Trays' dialog box shows the following configuration:

- Pivot:** (Empty)
- ROW:** Smoked at least 100 cigarettes in life
- COLUMN:** Statistics

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 **H19052** in the row dimension. Last, revise the label above the table to make it more informative.

The resulting table is both clear and informative.

The screenshot shows a PivotTable titled "West Region: Smoked 100+ Cigarettes in Life: Enrollment Status by Gender". The table is structured as follows:

		Enrollment in TRICARE Prime											
		Active Duty - under 65						Enrolled - under 65					
		Male		Female		Total		Male		Female		Total	
		Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Per
Yes		82548	25.1%	23700	13.4%	106248	21.1%	65777	34.5%	94673	23.2%	160450	
No		245772	74.9%	152684	86.6%	398456	78.9%	124722	65.5%	313105	76.8%	437827	
Total		328320	100.0%	176384	100.0%	504704	100.0%	190499	100.0%	407778	100.0%	598277	

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					
		Male		Female		Total	
		Count	Percent	Count	Percent	Count	Percent
Yes	82548	25.1%	23700	13.4%	106248	21.1%	
No	245772	74.9%	152684	86.6%	398456	78.9%	
Total	328320	100.0%	176384	100.0%	504704	100.0%	

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

		Enrollment in TRICARE Prime					
		Enrolled - under 65					
		Male		Female		Total	
		Count	Percent	Count	Percent	Count	Percent
Yes	65777	34.5%	94673	23.2%	160450	26.8%	
No	124722	65.5%	313105	76.8%	437827	73.2%	
Total	190499	100.0%	407778	100.0%	598277	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 I, 2019 Adult HCSDB. For a full discussion of variance estimation methods, see Wolter (1985) and references cited therein.

Variance Estimation Methods

The 2019 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 I, 2019 Adult HCSDB include the following variables:

- The stratum variable (STRATUM) for the Taylor series linearization method
- Quarterly final weight (FWRWT)
- Quarterly jackknife replicate weights (FWRWT01 to FWRWT60)

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

Taylor Series Linearization Method

For most sample designs (including the Quarter I, 2019 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 2019 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 2019 HCSDB uses a stratified sampling design. For details, see “Health Care Survey of DoD Beneficiaries: 2019 Adult Sampling Report.” Washington, DC: Mathematica Policy Research, 2019.

SUDAAN

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

All SUDAAN procedures require the following:

- The specification of sampling design. The terminology for the stratified with-replacement sample design is DESIGN = STRWR.
- The data file sorted by the variable specified in the NEST statement. For the Quarter I, 2019 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 (H19031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H19052=1) for each TNEX region (XTNEXRG2)

```
PROC DESCRIPT DATA=HCSDB /*FILETYPE=SAS*/ DESIGN=STRWR;  
WEIGHT          FWRWT;  
NEST            STRATUM;  
SUBPOPN        H19052=1;  
SUBGROUP       XTNEXRG2;  
LEVELS         3;  
VAR            H19031;  
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 (H19049) by TRICARE enrollment (XENRLLMT).

```
PROC CROSSTAB DATA=HCSDB /*FILETYPE=SAS*/ DESIGN=STRWR;  
WEIGHT          FWRWT;  
NEST            STRATUM;  
SUBPOPN        XTNEXRG2 = 1;  
SUBGROUP       H19049 XENRLLMT;  
LEVELS         3 5;  
TABLES         H19049 *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 (H19031), among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H19052=1) for each TNEX region (XTNEXRG2)

```
PROC SURVEYMEANS DATA=HCSDB;  
WEIGHT          FWRWT;  
STRATA          STRATUM;  
DOMAIN          H19052 * XTNEXRG2;  
VAR             H19031;  
RUN;
```

The above codes will provide output for H19052=1 and 2. User only needs to use output from H19052=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 (H19049) by TRICARE enrollment (XENRLLMT).

```
PROC SURVEYFREQ DATA=HCSDB;  
WEIGHT          FWRWT;  
STRATA          STRATUM;  
TABLES         XTNEXRG2 * H19049 * XENRLLMT;  
RUN;
```

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

Jackknife Replication Method

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

There are 60 replicate weights (FWRWT01-FWRWT60) for the Quarter I, 2019 Adult HCSDB file. Construction of these weights is described in the “2019 Health Care Survey of DoD Beneficiaries: Adult Technical Manual”. With the replicate weights, you can produce Jackknife standard errors using in-house or custom-written software, or you can use a publicly available software package such as WesVarPC or SUDAAN 8. Because WesVarPC 2.02 is available as freeware on the World Wide Web (<http://www.westat.com/wesvar/demo/index.html>), the example below explains how it is used to produce Jackknife variance estimates for statistics from the Quarter I, 2019 Adult HCSDB.

Suppose you want to estimate the mean rating of the specialist seen most often (H19031) among all beneficiaries who smoked at least 100 cigarettes in their lifetime (H19052=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        H19052=1;  
SUBGROUP       XTNEXRG2;  
LEVELS         3;  
VAR            H19031 ;  
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 H19052, H19031, 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: H19052=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 H19031 as the **Analysis** variable, MEAN (H19031) as the **Compute Statistics**, and XTNEXR2 as the **Table**.

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

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

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, H19073E, SRRACEE, XBMI, H19071I, H19071F, H19072, and SERVAFF. 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, H19073, 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.

H19007 -**In last year: how often got care as soon as you needed it**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	34	0.39	41,646	0.56	Did not answer
C	93	1.06	86,045	1.16	Should be skipped
N	4,879	55.44	4,138,140	55.65	Didn't need care right away in past year
1	128	1.45	70,757	0.95	Never
2	524	5.95	362,623	4.88	Sometimes
3	855	9.72	593,311	7.98	Usually
4	2,287	25.99	2,143,233	28.82	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 2,750 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	81	0.92	142,088	1.91	18 and younger
19 -- 34	2,230	25.34	2,010,865	27.04	19--34
35 -- 44	1,590	18.07	900,316	12.11	35--44
45 -- 54	1,606	18.25	650,381	8.75	45--54
55 -- 64	2,750	31.25	1,474,293	19.83	55--64
65	543	6.17	2,257,813	30.36	65 and older

**MPRID -
Unique MPR identifier**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00178436 -- 17761169	8,800	100.00	7,435,756	100.00	00000001--99999999

**SVCSMPL -
Branch of service sampling variable**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,725	30.97	2,840,565	38.20	Army
2	1,794	20.39	1,514,285	20.36	Navy
3	483	5.49	584,028	7.85	Marine Corps
4	3,502	39.80	2,215,553	29.80	Air Force
5	227	2.58	231,062	3.11	Coast Guard
6	69	0.78	50,263	0.68	Other/Unknown

**SEXSMPL -
Sex sampling variable**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,541	51.60	3,759,958	50.57	Male
2	4,259	48.40	3,675,798	49.43	Female

**STRATUM -
Sampling stratum**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0999911	73	0.83	228,482	3.07	0999911
1000103	30	0.34	1,944	0.03	1000103
1000106	32	0.36	8,195	0.11	1000106
1000301	9	0.10	4,564	0.06	1000301
1000303	15	0.17	3,661	0.05	1000303
1000306	12	0.14	4,960	0.07	1000306
1000401	17	0.19	4,285	0.06	1000401
1000403	84	0.95	6,363	0.09	1000403
1000501	10	0.11	11,703	0.16	1000501
1000503	10	0.11	4,677	0.06	1000503
1000506	6	0.07	1,955	0.03	1000506
1000601	28	0.32	11,967	0.16	1000601
1000603	8	0.09	2,891	0.04	1000603
1000606	19	0.22	4,847	0.07	1000606
1000801	15	0.17	2,607	0.04	1000801
1000803	79	0.90	4,848	0.07	1000803
1000901	14	0.16	7,132	0.10	1000901
1000903	8	0.09	2,280	0.03	1000903
1000906	18	0.20	9,711	0.13	1000906
1001001	21	0.24	8,928	0.12	1001001

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1001003	10	0.11	2,153	0.03	1001003
1001006	8	0.09	2,073	0.03	1001006
1001301	26	0.30	6,246	0.08	1001301
1001303	55	0.63	3,192	0.04	1001303
1001401	17	0.19	13,157	0.18	1001401
1001403	9	0.10	2,063	0.03	1001403
1001406	13	0.15	5,974	0.08	1001406
1001801	21	0.24	3,029	0.04	1001801
1001803	33	0.38	1,752	0.02	1001803
1001901	18	0.20	2,988	0.04	1001901
1001903	39	0.44	2,261	0.03	1001903
1002401	12	0.14	37,740	0.51	1002401
1002403	8	0.09	11,541	0.16	1002403
1002406	11	0.13	8,571	0.12	1002406
1002601	14	0.16	2,187	0.03	1002601
1002603	43	0.49	3,079	0.04	1002603
1002801	13	0.15	5,869	0.08	1002801
1002803	10	0.11	2,529	0.03	1002803
1002806	9	0.10	4,243	0.06	1002806
1002901	13	0.15	47,179	0.63	1002901
1002903	11	0.13	7,929	0.11	1002903
1002906	17	0.19	24,479	0.33	1002906
1003001	12	0.14	11,663	0.16	1003001
1003003	10	0.11	3,346	0.04	1003003
1003006	11	0.13	2,227	0.03	1003006
1003201	8	0.09	12,769	0.17	1003201
1003203	6	0.07	7,422	0.10	1003203
1003206	14	0.16	28,935	0.39	1003206
1003301	4	0.05	3,730	0.05	1003301
1003303	85	0.97	14,256	0.19	1003303
1003801	15	0.17	29,040	0.39	1003801
1003803	6	0.07	5,251	0.07	1003803
1003806	10	0.11	10,466	0.14	1003806
1003901	10	0.11	14,977	0.20	1003901
1003903	4	0.05	2,145	0.03	1003903
1003906	13	0.15	31,142	0.42	1003906
1004201	5	0.06	8,095	0.11	1004201
1004203	6	0.07	4,273	0.06	1004203
1004206	16	0.18	11,288	0.15	1004206
1004301	7	0.08	2,395	0.03	1004301
1004303	46	0.52	6,218	0.08	1004303
1004501	12	0.14	9,491	0.13	1004501
1004503	11	0.13	1,990	0.03	1004503
1004506	26	0.30	15,289	0.21	1004506
1004601	9	0.10	2,223	0.03	1004601
1004603	105	1.19	7,739	0.10	1004603
1004701	15	0.17	21,288	0.29	1004701

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1004703	10	0.11	6,588	0.09	1004703
1004706	8	0.09	6,783	0.09	1004706
1004801	8	0.09	11,949	0.16	1004801
1004803	17	0.19	16,372	0.22	1004803
1004806	7	0.08	13,382	0.18	1004806
1004901	10	0.11	18,832	0.25	1004901
1004903	10	0.11	11,868	0.16	1004903
1004906	6	0.07	5,948	0.08	1004906
1005103	70	0.80	7,764	0.10	1005103
1005106	13	0.15	2,700	0.04	1005106
1005201	12	0.14	24,503	0.33	1005201
1005203	15	0.17	23,310	0.31	1005203
1005206	9	0.10	8,001	0.11	1005206
1005301	20	0.23	4,242	0.06	1005301
1005303	38	0.43	2,281	0.03	1005303
1005501	23	0.26	9,744	0.13	1005501
1005503	10	0.11	1,546	0.02	1005503
1005506	10	0.11	3,675	0.05	1005506
1005601	9	0.10	13,530	0.18	1005601
1005603	9	0.10	2,879	0.04	1005603
1005606	11	0.13	6,052	0.08	1005606
1005701	16	0.18	17,082	0.23	1005701
1005703	14	0.16	5,387	0.07	1005703
1005706	10	0.11	4,102	0.06	1005706
1005801	22	0.25	5,172	0.07	1005801
1005803	12	0.14	1,868	0.03	1005803
1005806	18	0.20	4,803	0.06	1005806
1006001	13	0.15	25,433	0.34	1006001
1006003	10	0.11	14,970	0.20	1006003
1006006	11	0.13	11,337	0.15	1006006
1006101	14	0.16	5,465	0.07	1006101
1006103	8	0.09	1,838	0.02	1006103
1006106	22	0.25	8,351	0.11	1006106
1006201	15	0.17	7,574	0.10	1006201
1006203	12	0.14	2,951	0.04	1006203
1006206	4	0.05	1,011	0.01	1006206
1006401	6	0.07	6,605	0.09	1006401
1006403	12	0.14	4,921	0.07	1006403
1006406	8	0.09	2,559	0.03	1006406
1006601	18	0.20	11,281	0.15	1006601
1006603	9	0.10	3,372	0.05	1006603
1006606	15	0.17	8,177	0.11	1006606
1006701	16	0.18	14,034	0.19	1006701
1006703	19	0.22	6,717	0.09	1006703
1006706	13	0.15	7,167	0.10	1006706
1006801	10	0.11	4,473	0.06	1006801
1006803	14	0.16	2,795	0.04	1006803

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1006806	14	0.16	4,070	0.05	1006806
1006901	17	0.19	24,937	0.34	1006901
1006903	12	0.14	7,959	0.11	1006903
1006906	15	0.17	13,127	0.18	1006906
1007301	8	0.09	9,943	0.13	1007301
1007303	4	0.05	1,057	0.01	1007303
1007306	12	0.14	6,181	0.08	1007306
1007403	92	1.05	3,249	0.04	1007403
1007501	14	0.16	12,308	0.17	1007501
1007503	12	0.14	2,750	0.04	1007503
1007506	12	0.14	4,993	0.07	1007506
1007601	25	0.28	6,072	0.08	1007601
1007603	44	0.50	2,050	0.03	1007603
1007701	14	0.16	3,119	0.04	1007701
1007703	47	0.53	3,566	0.05	1007703
1007801	13	0.15	9,383	0.13	1007801
1007803	10	0.11	2,183	0.03	1007803
1007806	17	0.19	6,177	0.08	1007806
1007901	17	0.19	16,246	0.22	1007901
1007903	11	0.13	4,261	0.06	1007903
1007906	20	0.23	10,985	0.15	1007906
1008301	20	0.23	5,004	0.07	1008301
1008303	79	0.90	4,554	0.06	1008303
1008601	13	0.15	8,508	0.11	1008601
1008603	24	0.27	3,931	0.05	1008603
1008901	6	0.07	20,961	0.28	1008901
1008903	10	0.11	32,184	0.43	1008903
1008906	11	0.13	25,136	0.34	1008906
1009001	26	0.30	5,442	0.07	1009001
1009003	36	0.41	2,327	0.03	1009003
1009101	5	0.06	34,693	0.47	1009101
1009103	4	0.05	5,189	0.07	1009103
1009106	10	0.11	19,201	0.26	1009106
1009201	17	0.19	11,064	0.15	1009201
1009203	8	0.09	1,664	0.02	1009203
1009206	5	0.06	1,309	0.02	1009206
1009401	22	0.25	6,331	0.09	1009401
1009403	30	0.34	2,809	0.04	1009403
1009501	19	0.22	9,697	0.13	1009501
1009503	20	0.23	3,784	0.05	1009503
1009506	23	0.26	9,740	0.13	1009506
1009601	18	0.20	7,703	0.10	1009601
1009603	9	0.10	2,338	0.03	1009603
1009606	13	0.15	3,391	0.05	1009606
1009801	8	0.09	7,354	0.10	1009801
1009803	4	0.05	1,688	0.02	1009803
1009806	17	0.19	8,400	0.11	1009806

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1010001	24	0.27	12,827	0.17	1010001
1010003	5	0.06	2,185	0.03	1010003
1010006	7	0.08	2,361	0.03	1010006
1010101	25	0.28	6,773	0.09	1010101
1010103	34	0.39	2,025	0.03	1010103
1010301	5	0.06	5,379	0.07	1010301
1010303	7	0.08	2,731	0.04	1010303
1010306	6	0.07	5,451	0.07	1010306
1010401	6	0.07	11,420	0.15	1010401
1010403	4	0.05	1,455	0.02	1010403
1010406	5	0.06	1,641	0.02	1010406
1010501	18	0.20	6,142	0.08	1010501
1010503	7	0.08	1,765	0.02	1010503
1010506	12	0.14	6,558	0.09	1010506
1010801	9	0.10	18,761	0.25	1010801
1010803	8	0.09	12,780	0.17	1010803
1010806	10	0.11	18,223	0.25	1010806
1010901	11	0.13	29,198	0.39	1010901
1010903	12	0.14	9,545	0.13	1010903
1010906	11	0.13	24,902	0.33	1010906
1011001	11	0.13	43,013	0.58	1011001
1011003	9	0.10	18,234	0.25	1011003
1011006	7	0.08	14,375	0.19	1011006
1011201	25	0.28	6,023	0.08	1011201
1011203	13	0.15	825	0.01	1011203
1011301	31	0.35	9,419	0.13	1011301
1011303	34	0.39	1,812	0.02	1011303
1011701	12	0.14	12,383	0.17	1011701
1011703	13	0.15	5,738	0.08	1011703
1011706	17	0.19	13,846	0.19	1011706
1011801	11	0.13	6,585	0.09	1011801
1011803	44	0.50	4,480	0.06	1011803
1011901	16	0.18	6,540	0.09	1011901
1011903	6	0.07	1,318	0.02	1011903
1011906	16	0.18	3,635	0.05	1011906
1012001	13	0.15	8,595	0.12	1012001
1012003	9	0.10	4,000	0.05	1012003
1012006	16	0.18	10,759	0.14	1012006
1012101	6	0.07	2,728	0.04	1012101
1012103	18	0.20	7,302	0.10	1012103
1012106	16	0.18	6,890	0.09	1012106
1012201	15	0.17	6,687	0.09	1012201
1012203	12	0.14	2,347	0.03	1012203
1012206	16	0.18	5,857	0.08	1012206
1012301	18	0.20	30,378	0.41	1012301
1012303	13	0.15	11,175	0.15	1012303
1012306	15	0.17	25,609	0.34	1012306

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1012401	10	0.11	43,933	0.59	1012401
1012403	8	0.09	10,245	0.14	1012403
1012406	10	0.11	29,528	0.40	1012406
1012501	11	0.13	36,345	0.49	1012501
1012503	7	0.08	11,491	0.15	1012503
1012506	15	0.17	24,783	0.33	1012506
1012601	14	0.16	18,990	0.26	1012601
1012603	10	0.11	4,762	0.06	1012603
1012606	11	0.13	7,213	0.10	1012606
1012701	16	0.18	10,528	0.14	1012701
1012703	7	0.08	2,633	0.04	1012703
1012706	10	0.11	2,422	0.03	1012706
1012801	27	0.31	4,721	0.06	1012801
1012803	68	0.77	2,609	0.04	1012803
1012901	15	0.17	4,309	0.06	1012901
1012903	43	0.49	2,300	0.03	1012903
1013101	14	0.16	4,027	0.05	1013101
1013103	27	0.31	3,179	0.04	1013103
1023101	24	0.27	7,050	0.09	1023101
1023103	37	0.42	2,518	0.03	1023103
1024801	23	0.26	4,708	0.06	1024801
1024803	33	0.38	2,090	0.03	1024803
1025201	16	0.18	6,917	0.09	1025201
1025203	9	0.10	3,553	0.05	1025203
1025206	13	0.15	6,245	0.08	1025206
1028001	14	0.16	8,818	0.12	1028001
1028003	20	0.23	7,440	0.10	1028003
1028006	13	0.15	2,486	0.03	1028006
1030601	20	0.23	10,350	0.14	1030601
1030603	32	0.36	2,445	0.03	1030603
1031001	21	0.24	2,846	0.04	1031001
1031003	42	0.48	1,917	0.03	1031003
1033001	15	0.17	13,069	0.18	1033001
1033003	10	0.11	5,180	0.07	1033003
1033006	7	0.08	3,764	0.05	1033006
1035601	15	0.17	4,902	0.07	1035601
1035603	37	0.42	3,678	0.05	1035603
1036401	21	0.24	5,946	0.08	1036401
1036403	22	0.25	1,381	0.02	1036403
1036601	16	0.18	3,891	0.05	1036601
1036603	14	0.16	2,829	0.04	1036603
1036606	22	0.25	10,079	0.14	1036606
1037801	10	0.11	4,778	0.06	1037801
1037803	14	0.16	5,678	0.08	1037803
1037806	9	0.10	4,763	0.06	1037806
1038501	18	0.20	10,347	0.14	1038501
1038503	11	0.13	2,570	0.03	1038503

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1038506	19	0.22	3,866	0.05	1038506
1038701	7	0.08	3,387	0.05	1038701
1038703	7	0.08	1,989	0.03	1038703
1038706	16	0.18	3,255	0.04	1038706
1040501	12	0.14	5,567	0.07	1040501
1040503	8	0.09	2,022	0.03	1040503
1040506	14	0.16	3,887	0.05	1040506
1040701	19	0.22	4,239	0.06	1040701
1040703	10	0.11	2,356	0.03	1040703
1040706	13	0.15	3,303	0.04	1040706
1050801	33	0.38	14,460	0.19	1050801
1050803	13	0.15	2,096	0.03	1050803
1060701	11	0.13	11,917	0.16	1060701
1060703	8	0.09	8,066	0.11	1060703
1060706	7	0.08	7,568	0.10	1060706
1060901	19	0.22	15,658	0.21	1060901
1060903	7	0.08	4,371	0.06	1060903
1060906	9	0.10	3,499	0.05	1060906
1061201	25	0.28	26,071	0.35	1061201
1061203	9	0.10	2,510	0.03	1061203
1062001	28	0.32	5,691	0.08	1062001
1062003	37	0.42	3,323	0.04	1062003
1062101	20	0.23	22,648	0.30	1062101
1062103	7	0.08	1,447	0.02	1062103
1062106	10	0.11	1,736	0.02	1062106
1062201	19	0.22	25,991	0.35	1062201
1062203	11	0.13	3,978	0.05	1062203
1063301	29	0.33	10,465	0.14	1063301
1063303	13	0.15	1,515	0.02	1063303
1080401	28	0.32	9,865	0.13	1080401
1080403	8	0.09	851	0.01	1080403
1080503	111	1.26	4,375	0.06	1080503
1080601	31	0.35	10,989	0.15	1080601
1080603	20	0.23	2,437	0.03	1080603
1603401	13	0.15	4,629	0.06	1603401
1603403	6	0.07	2,242	0.03	1603403
1603406	10	0.11	4,219	0.06	1603406
1621503	100	1.14	4,768	0.06	1621503
1713901	23	0.26	8,504	0.11	1713901
1713903	7	0.08	811	0.01	1713903
1713906	15	0.17	3,074	0.04	1713906
1900101	138	1.57	110,711	1.49	1900101
1900103	6	0.07	4,357	0.06	1900103
1900106	17	0.19	11,117	0.15	1900106
1900201	83	0.94	83,259	1.12	1900201
1900203	9	0.10	5,286	0.07	1900203
1900206	20	0.23	18,038	0.24	1900206

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1900301	145	1.65	112,824	1.52	1900301
1900303	17	0.19	7,049	0.09	1900303
1900306	24	0.27	13,096	0.18	1900306
1900401	150	1.70	55,750	0.75	1900401
1900403	17	0.19	3,321	0.04	1900403
1900406	7	0.08	1,749	0.02	1900406
2900102	48	0.55	43,157	0.58	2900102
2900105	145	1.65	207,053	2.78	2900105
2900202	26	0.30	44,481	0.60	2900202
2900205	114	1.30	261,440	3.52	2900205
2900302	50	0.57	43,468	0.58	2900302
2900305	119	1.35	158,744	2.13	2900305
3900104	207	2.35	59,458	0.80	3900104
3900107	287	3.26	439,821	5.91	3900107
3900204	155	1.76	39,041	0.53	3900204
3900207	256	2.91	370,243	4.98	3900207
3900304	202	2.30	51,445	0.69	3900304
3900307	278	3.16	305,412	4.11	3900307
3900404	450	5.11	44,858	0.60	3900404
6900199	191	2.17	719,892	9.68	6900199
6900299	193	2.19	859,816	11.56	6900299
6900399	158	1.80	673,985	9.06	6900399

**ENBGSMPL -
Enrollment by beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
01	2,479	28.17	1,649,339	22.18	Active Duty
02	125	1.42	132,879	1.79	Active Duty fam,Prime,civ PCM
03	1,013	11.51	458,950	6.17	Active Duty fam,Prime,mil PCM
04	581	6.60	152,779	2.05	Active Duty fam,non-enrollee
05	377	4.28	625,464	8.41	Retired,<65,civ PCM
06	2,356	26.77	776,672	10.45	Retired,<65,mil PCM
07	1,254	14.25	1,157,499	15.57	Retired,<65,non-enrollee
08	13	0.15	48,159	0.65	Retired,65+,civ PCM
09	61	0.69	245,642	3.30	Retired,65+,mil PCM
10	468	5.32	1,959,891	26.36	Retired,65+,non-enrollee
11	73	0.83	228,482	3.07	TRICARE Reserve Select

**MPCSMPL -
Military personnel category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,886	66.89	5,253,397	70.65	Enlisted/Unknown
2	2,646	30.07	1,960,007	26.36	Officer
3	268	3.05	222,352	2.99	Warrant officer

**NHFF -
Stratum sample size**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
66 -- 5424	8,800	100.00	7,435,756	100.00	0--9999

**QUARTER -
Survey quarter**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
Q1FY2019	8,800	100.00	7,435,756	100.00	Q1FY2019

**D_HEALTH -
Health service region**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
00	212	2.41	70,092	0.94	No region
13	416	4.73	117,593	1.58	Europe
14	341	3.88	139,112	1.87	Pacific
15	154	1.75	27,628	0.37	Latin America & Canada
17	1	0.01	458	0.01	TNEX Region North
19	2	0.02	887	0.01	TNEX Region West
23	4,666	53.02	4,853,270	65.27	Revised TNEX Region East
24	3,008	34.18	2,226,717	29.95	Revised TNEX Region West

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	2,217	25.19	2,459,697	33.08	N
O	1,077	12.24	304,200	4.09	Other
S	2,473	28.10	2,439,966	32.81	S
W	3,033	34.47	2,231,893	30.02	West

**BWT -
Basic sampling weight**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
3.956 -- 8.805	1,417	16.10	103,535	1.39	Minimum to 10th Percentile
8.879 -- 10.420	788	8.95	136,952	1.84	>10th to 25th Percentile
10.750 -- 44.022	2,259	25.67	637,154	8.57	>25th to 50th Percentile
44.203 -- 132.028	2,136	24.27	1,505,928	20.25	>50th to 75th Percentile
132.750 -- 244.109	1,326	15.07	1,895,229	25.49	>75th to 90th Percentile
246.184 -- 1095.168	874	9.93	3,156,958	42.46	>90th to 100th Percentile

**RACEETHN -
Race/Ethnic code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	2,353	26.74	2,346,049	31.55	Missing
A	201	2.28	141,959	1.91	American Indian or Alaskan Native or Other
B	353	4.01	228,688	3.08	Asian or Pacific Islander
C	742	8.43	539,227	7.25	Black(not Hispanic)
D	3,776	42.91	2,878,226	38.71	White(not Hispanic)
E	529	6.01	361,031	4.86	Hispanic
Z	846	9.61	940,577	12.65	Unknown

**PNSEXCD -
Person gender**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
F	4,259	48.40	3,675,798	49.43	Female
M	4,541	51.60	3,759,958	50.57	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	81	0.92	142,088	1.91	18 and younger
19 -- 34	2,230	25.34	2,010,865	27.04	19--34
35 -- 44	1,590	18.07	900,316	12.11	35--44
45 -- 54	1,606	18.25	650,381	8.75	45--54
55 -- 64	2,750	31.25	1,474,293	19.83	55--64
65	543	6.17	2,257,813	30.36	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	63	0.72	116,394	1.57	18 and younger
19 -- 34	2,211	25.13	2,007,168	26.99	19--34
35 -- 44	1,605	18.24	913,579	12.29	35--44
45 -- 54	1,585	18.01	647,857	8.71	45--54
55 -- 64	2,740	31.14	1,454,930	19.57	55--64
65	596	6.77	2,295,828	30.88	65 and older

PCM -

Primary manager code (civilian or military)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
	2,389	27.15	3,506,788	47.16	Missing/Unknown/NA
CIV	703	7.99	921,154	12.39	TRICARE enrollee w/civ PCM
MTF	5,708	64.86	3,007,814	40.45	TRICARE enrollee w/mil PCM

DBENCAT -

Beneficiary category

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACT	2,080	23.64	1,410,583	18.97	Active Duty
DA	1,409	16.01	635,247	8.54	Dependent of Active Duty
DGR	255	2.90	91,013	1.22	Dependent of Guard/Reserve
DR	1,792	20.36	2,014,769	27.10	Dependent of Retiree
DS	193	2.19	359,555	4.84	Survivor
GRD	372	4.23	223,557	3.01	Guard/Reserve
IDG	77	0.88	136,116	1.83	Dependent of Inactive Guard
IGR	78	0.89	125,912	1.69	Inactive Guard/Reserve
OTH	2	0.02	4,287	0.06	Other
RET	2,542	28.89	2,434,717	32.74	Retiree

DSPONSVC -

Derived sponsor branch of service

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
A	2,725	30.97	2,840,565	38.20	Army
C	227	2.58	231,062	3.11	Coast Guard
F	3,502	39.80	2,215,553	29.80	Air Force
M	483	5.49	584,028	7.85	Marine Corps
N	1,576	17.91	1,357,097	18.25	Navy
V	218	2.48	157,189	2.11	Navy Afloat
X	69	0.78	50,263	0.68	Other

**PATCAT -
Aggregated beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
ACTDTY	2,530	28.75	1,760,053	23.67	Active Duty and Guard/Reserve
DEPACT	1,741	19.78	862,376	11.60	Dependent of Active Duty & Guard/Reserve
NADD65+	542	6.16	2,253,692	30.31	Retiree/Depend of Retir/Surviv/Other 65+
NADD<65	3,987	45.31	2,559,635	34.42	Retiree/Depend of Retir/Surviv/Other <65

**PNTYPCD -
Person type code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
D	3,700	42.05	3,202,826	43.07	Dependent
S	5,100	57.95	4,232,930	56.93	Sponsor

**H19001 -
Are you the person listed on the cover letter**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	55	0.63	49,215	0.66	Did not answer
1	8,731	99.22	7,368,707	99.10	Yes
2	14	0.16	17,833	0.24	No

**H19002A -
Health plan(s) covered: TRICARE Prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,895	66.99	3,287,354	44.21	Marked
2	2,905	33.01	4,148,402	55.79	Not marked

**H19002C -
Health plan(s) covered: TRICARE Select**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,201	13.65	866,500	11.65	Marked
2	7,599	86.35	6,569,256	88.35	Not marked

**H19002N -
Health plan(s) covered: TRICARE Plus**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	69	0.78	59,014	0.79	Marked
2	8,731	99.22	7,376,742	99.21	Not marked

**H19002O -
Health plan(s) covered: TRICARE For Life**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,019	11.58	2,411,025	32.42	Marked
2	7,781	88.42	5,024,731	67.58	Not marked

**H19002P -
Health plan(s) covered: TRICARE Supplemental Insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	38	0.43	38,364	0.52	Marked
2	8,762	99.57	7,397,392	99.48	Not marked

**H19002Q -
Health plan(s) covered: TRICARE Reserve Select**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	138	1.57	252,090	3.39	Marked
2	8,662	98.43	7,183,665	96.61	Not marked

**H19002S -
Health plan(s) covered: TRICARE Retired Reserve**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	118	1.34	90,722	1.22	Marked
2	8,682	98.66	7,345,034	98.78	Not marked

**H19002T -
Health plan(s) covered: TRICARE Young Adult Prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	27	0.31	47,783	0.64	Marked
2	8,773	99.69	7,387,973	99.36	Not marked

H19002V -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	35	0.40	47,909	0.64	Marked
2	8,765	99.60	7,387,847	99.36	Not marked

H19002K -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	77	0.88	132,495	1.78	Marked
2	8,723	99.13	7,303,261	98.22	Not marked

H19002U -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4	0.05	1,067	0.01	Marked
2	8,796	99.95	7,434,689	99.99	Not marked

H19002F -

Health plan(s) covered: Medicare

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	777	8.83	2,250,386	30.26	Marked
2	8,023	91.17	5,185,370	69.74	Not marked

H19002G -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	161	1.83	169,583	2.28	Marked
2	8,639	98.17	7,266,172	97.72	Not marked

H19002H -

Health plan(s) covered: Medicaid

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	40	0.45	67,798	0.91	Marked
2	8,760	99.55	7,367,958	99.09	Not marked

**H19002I -
Health plan(s) covered: civilian HMO**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	64	0.73	83,838	1.13	Marked
2	8,736	99.27	7,351,918	98.87	Not marked

**H19002J -
Health plan(s) covered: other civilian health insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	440	5.00	446,443	6.00	Marked
2	8,360	95.00	6,989,313	94.00	Not marked

**H19002M -
Health plan(s) covered: Veterans Administration (VA)**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	733	8.33	580,740	7.81	Marked
2	8,067	91.67	6,855,016	92.19	Not marked

**H19002R -
Health plan(s) covered: other Non-US government health insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	46	0.52	5,930	0.08	Marked
2	8,754	99.48	7,429,826	99.92	Not marked

**H19002L -
Health plan(s) covered: not sure**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	455	5.17	419,510	5.64	Marked
2	8,345	94.83	7,016,246	94.36	Not marked

**H19003 -
Which health plan did you use most in the past 12 months?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	194	2.20	175,658	2.36	Did not answer
D	183	2.08	219,786	2.96	Not sure
N	165	1.88	101,650	1.37	Didn't use any health plan in past year
1	5,386	61.20	2,978,330	40.05	TRICARE Prime
3	845	9.60	604,401	8.13	TRICARE Select
4	446	5.07	1,545,651	20.79	Medicare

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
5	106	1.20	101,728	1.37	Federal Employees Health Benefit Program
6	16	0.18	15,901	0.21	Medicaid
7	54	0.61	63,806	0.86	A civilian HMO
8	375	4.26	292,265	3.93	Other civilian health insurance
9	62	0.70	97,545	1.31	Uniformed Services Family Health Plan
10	316	3.59	278,195	3.74	The Veterans Administration
11	47	0.53	38,435	0.52	TRICARE Plus
12	123	1.40	218,890	2.94	TRICARE Reserve Select
13	41	0.47	4,239	0.06	Govmnt health insrnc frm Non-US cntry
14	50	0.57	35,952	0.48	TRICARE Retired Reserve
15	16	0.18	34,451	0.46	TRICARE Young Adult Prime
16	3	0.03	536	0.01	Continued Health Care Benefit Program
17	19	0.22	25,599	0.34	TRICARE Young Adult Extra or Standard
18	347	3.94	596,738	8.03	TRICARE for Life
19	6	0.07	5,998	0.08	TRICARE Supplemental Insurance

**H19004 -
Months or years in a row with health plan**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	58	0.66	70,152	0.94	Did not answer
C	12	0.14	8,980	0.12	Should be skipped
N	336	3.82	312,456	4.20	Valid skip
1	138	1.57	111,739	1.50	Less than 6 months
2	342	3.89	316,346	4.25	6 up to 12 months
3	599	6.81	552,291	7.43	12 up to 24 months
4	1,322	15.02	1,307,095	17.58	2 up to 5 years
5	1,527	17.35	1,494,466	20.10	5 up to 10 years
6	4,466	50.75	3,262,231	43.87	10 or more years

**H19005 -
In 1st yr: facility use most for health care**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	27	0.31	32,592	0.44	Did not answer
1	4,747	53.94	2,632,961	35.41	A military facility
2	3,271	37.17	4,157,414	55.91	A civilian facility
3	39	0.44	67,830	0.91	Uniformed Services Fam Hlth Plan facility
4	442	5.02	381,089	5.13	Veterans Affairs (VA) clinic or hospital
5	274	3.11	163,869	2.20	Went to none of listed types of facility

**H19006 -
In last year: have illness/injury/condition that needed care right away**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6	0.07	4,085	0.05	Did not answer
1	3,822	43.43	3,207,485	43.14	Yes
2	4,972	56.50	4,224,185	56.81	No

**H19007 -
In last year: how often got care as soon as you needed it**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	34	0.39	41,646	0.56	Did not answer
C	93	1.06	86,045	1.16	Should be skipped
N	4,879	55.44	4,138,140	55.65	Didn't need care right away in past year
1	128	1.45	70,757	0.95	Never
2	524	5.95	362,623	4.88	Sometimes
3	855	9.72	593,311	7.98	Usually
4	2,287	25.99	2,143,233	28.82	Always

**H19008 -
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
.	45	0.51	52,481	0.71	Did not answer
C	91	1.03	83,694	1.13	Should be skipped
N	4,881	55.47	4,140,491	55.68	Didn't need care right away in past year
1	2,220	25.23	2,025,938	27.25	Same day
2	465	5.28	344,233	4.63	1 day
3	292	3.32	211,867	2.85	2 days
4	165	1.88	122,208	1.64	3 days
5	298	3.39	201,258	2.71	4 to 7 days

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
6	136	1.55	100,031	1.35	8 to 14 days
7	207	2.35	153,555	2.07	15 days or longer

H19009 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6	0.07	6,177	0.08	Did not answer
1	7,576	86.09	6,559,797	88.22	Yes
2	1,218	13.84	869,782	11.70	No

H19010 -

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	0.75	60,307	0.81	Did not answer
C	42	0.48	31,095	0.42	Should be skipped
N	1,176	13.36	838,687	11.28	Didn't have appointment in past year
1	346	3.93	181,935	2.45	Never
2	1,600	18.18	1,112,373	14.96	Sometimes
3	2,272	25.82	1,750,504	23.54	Usually
4	3,298	37.48	3,460,855	46.54	Always

H19011 -

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
.	77	0.88	102,633	1.38	Did not answer
C	40	0.45	30,424	0.41	Should be skipped
N	1,178	13.39	839,358	11.29	Didn't have an appointment in past year
1	486	5.52	545,040	7.33	Same day
2	533	6.06	555,025	7.46	1 day
3	1,516	17.23	1,389,346	18.68	2 to 3 days
4	1,800	20.45	1,472,555	19.80	4 to 7 days
5	1,517	17.24	1,158,900	15.59	8 to 14 days
6	1,205	13.69	945,493	12.72	15 to 30 days
7	448	5.09	396,981	5.34	31 days or longer

H19012 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	30	0.34	29,736	0.40	Did not answer
1	6,447	73.26	5,395,417	72.56	None
2	1,458	16.57	1,248,434	16.79	1 time
3	561	6.38	491,221	6.61	2 times
4	171	1.94	150,179	2.02	3 times
5	82	0.93	73,768	0.99	4 times
6	42	0.48	35,145	0.47	5 to 9 times
7	9	0.10	11,858	0.16	10 or more times

H19013 -

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
.	12	0.14	12,158	0.16	Did not answer
1	1,031	11.72	767,441	10.32	None
2	1,053	11.97	816,224	10.98	1 time
3	1,626	18.48	1,218,302	16.38	2 times
4	1,420	16.14	1,195,938	16.08	3 times
5	1,233	14.01	1,141,337	15.35	4 times
6	1,635	18.58	1,580,919	21.26	5 to 9 times
7	790	8.98	703,436	9.46	10 or more times

H19014 -

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
.	38	0.43	38,400	0.52	Did not answer
C	45	0.51	34,350	0.46	Should be skipped
N	986	11.20	733,091	9.86	Valid skip
1	1,121	12.74	815,890	10.97	Never
2	2,207	25.08	1,783,542	23.99	Sometimes
3	2,127	24.17	1,826,965	24.57	Usually
4	2,276	25.86	2,203,517	29.63	Always

H19015 -

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
.	4	0.05	639	0.01	Did not answer
C	43	0.49	32,104	0.43	Should be skipped
N	988	11.23	735,337	9.89	Valid skip
1	4,573	51.97	4,037,797	54.30	Yes
2	3,192	36.27	2,629,879	35.37	No

H19016 -

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
.	54	0.61	43,943	0.59	Did not answer
C	27	0.31	25,031	0.34	Should be skipped
N	4,196	47.68	3,372,290	45.35	Valid skip
1	2,972	33.77	2,722,608	36.62	Definitely yes
2	1,343	15.26	1,079,637	14.52	Somewhat yes
3	150	1.70	146,273	1.97	Somewhat no
4	58	0.66	45,974	0.62	Definitely no

H19017 -

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	0.70	49,126	0.66	Did not answer
C	25	0.28	22,902	0.31	Should be skipped
N	4,198	47.70	3,374,418	45.38	Valid skip
1	2,663	30.26	2,391,361	32.16	Definitely yes
2	1,395	15.85	1,232,666	16.58	Somewhat yes
3	297	3.38	247,207	3.32	Somewhat no
4	160	1.82	118,076	1.59	Definitely no

H19018 -

Rating of all health care in last year

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	23	0.26	17,297	0.23	Did not answer
N	396	4.50	262,960	3.54	I had no visits in the last 12 months
0	45	0.51	33,573	0.45	0
1	39	0.44	18,101	0.24	1
2	114	1.30	80,590	1.08	2
3	152	1.73	100,282	1.35	3
4	210	2.39	158,611	2.13	4
5	546	6.20	383,103	5.15	5
6	520	5.91	364,115	4.90	6
7	1,153	13.10	793,610	10.67	7
8	1,861	21.15	1,312,243	17.65	8
9	1,637	18.60	1,564,019	21.03	9
10	2,104	23.91	2,347,252	31.57	10

H19033 -

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
.	73	0.83	52,109	0.70	Did not answer
1	348	3.95	190,232	2.56	Never
2	1,552	17.64	1,054,144	14.18	Sometimes
3	3,248	36.91	2,385,886	32.09	Usually
4	3,579	40.67	3,753,385	50.48	Always

H19019 -

Have one person you think of as your personal doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,373	72.42	5,864,446	78.87	Yes
2	2,427	27.58	1,571,310	21.13	No

H19020 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	35	0.40	57,287	0.77	Did not answer
C	12	0.14	6,169	0.08	Should be skipped
N	2,415	27.44	1,565,141	21.05	Valid skip
0	596	6.77	439,993	5.92	None
1	1,420	16.14	1,147,608	15.43	1
2	1,645	18.69	1,607,449	21.62	2
3	1,085	12.33	1,030,705	13.86	3
4	790	8.98	772,899	10.39	4
5	652	7.41	683,114	9.19	5 to 9
6	150	1.70	125,392	1.69	10 or more

H19021 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	59	0.67	70,908	0.95	Did not answer
C	32	0.36	18,994	0.26	Should be skipped
N	2,991	33.99	1,992,309	26.79	I had no visits in the last 12 months
1	76	0.86	58,572	0.79	Never
2	396	4.50	322,827	4.34	Sometimes
3	1,132	12.86	875,616	11.78	Usually
4	4,114	46.75	4,096,530	55.09	Always

H19022 -

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
.	63	0.72	64,024	0.86	Did not answer
C	31	0.35	18,641	0.25	Should be skipped
N	2,992	34.00	1,992,662	26.80	I had no visits in the last 12 months
1	49	0.56	40,719	0.55	Never
2	276	3.14	219,696	2.95	Sometimes
3	1,092	12.41	921,100	12.39	Usually
4	4,297	48.83	4,178,914	56.20	Always

H19023 -

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
.	69	0.78	80,642	1.08	Did not answer
C	27	0.31	17,191	0.23	Should be skipped
N	2,996	34.05	1,994,112	26.82	I had no visits in the last 12 months
1	83	0.94	56,962	0.77	Never
2	276	3.14	245,949	3.31	Sometimes
3	844	9.59	696,125	9.36	Usually
4	4,505	51.19	4,344,775	58.43	Always

H19024 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	62	0.70	67,697	0.91	Did not answer
C	28	0.32	17,287	0.23	Should be skipped
N	2,995	34.03	1,994,016	26.82	I had no visits in the last 12 months
1	123	1.40	95,787	1.29	Never
2	479	5.44	368,072	4.95	Sometimes
3	1,367	15.53	1,221,379	16.43	Usually
4	3,746	42.57	3,671,517	49.38	Always

H19025 -

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
.	41	0.47	49,166	0.66	Did not answer
C	27	0.31	16,993	0.23	Should be skipped
N	2,996	34.05	1,994,310	26.82	Valid skip
1	4,330	49.20	4,212,638	56.65	Yes
2	1,406	15.98	1,162,649	15.64	No

H19026 -

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
.	118	1.34	114,029	1.53	Did not answer
C	13	0.15	8,032	0.11	Should be skipped
N	4,416	50.18	3,165,920	42.58	Valid skip
1	413	4.69	292,963	3.94	Never
2	712	8.09	510,173	6.86	Sometimes
3	1,386	15.75	1,314,117	17.67	Usually
4	1,742	19.80	2,030,521	27.31	Always

H19027 -

Rating of your personal doctor

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	137	1.56	108,006	1.45	Did not answer
C	11	0.13	4,660	0.06	Should be skipped
N	2,416	27.45	1,566,649	21.07	Don't have a personal doctor
0	46	0.52	39,534	0.53	0
1	33	0.38	22,125	0.30	1
2	60	0.68	41,787	0.56	2
3	81	0.92	62,108	0.84	3
4	116	1.32	81,239	1.09	4
5	300	3.41	221,052	2.97	5
6	227	2.58	181,052	2.43	6
7	616	7.00	433,199	5.83	7
8	1,071	12.17	819,800	11.03	8
9	1,465	16.65	1,381,785	18.58	9
10	2,221	25.24	2,472,758	33.25	10

H19028 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3	0.03	1,891	0.03	Did not answer
1	5,442	61.84	4,741,953	63.77	Yes
2	3,355	38.13	2,691,911	36.20	No

H19029 -

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
.	51	0.58	51,990	0.70	Did not answer
C	25	0.28	21,775	0.29	Should be skipped
N	3,330	37.84	2,670,136	35.91	Didn't need a specialist
1	375	4.26	251,457	3.38	Never
2	982	11.16	676,073	9.09	Sometimes
3	1,587	18.03	1,373,762	18.48	Usually
4	2,450	27.84	2,390,562	32.15	Always

H19030 -

In last year: how many specialists seen

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	26	0.30	22,799	0.31	Did not answer
C	28	0.32	22,501	0.30	Should be skipped
N	3,327	37.81	2,669,411	35.90	Valid skip
0	188	2.14	131,430	1.77	None
1	2,216	25.18	1,813,502	24.39	1 specialist
2	1,647	18.72	1,535,356	20.65	2
3	851	9.67	789,907	10.62	3
4	302	3.43	279,637	3.76	4
5	215	2.44	171,214	2.30	5 or more specialists

H19031 -

Rating of specialist seen most often in last year

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	37	0.42	27,775	0.37	Did not answer
C	34	0.39	30,777	0.41	Should be skipped
N	3,509	39.88	2,792,564	37.56	Didn't see specialist in last 12 months
0	29	0.33	24,259	0.33	0
1	23	0.26	13,171	0.18	1
2	56	0.64	33,983	0.46	2
3	62	0.70	25,727	0.35	3
4	67	0.76	49,398	0.66	4
5	200	2.27	162,799	2.19	5
6	207	2.35	154,439	2.08	6
7	455	5.17	325,720	4.38	7
8	956	10.86	648,519	8.72	8
9	1,250	14.20	1,126,626	15.15	9
10	1,915	21.76	2,019,998	27.17	10

H19034 -

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
.	66	0.75	67,618	0.91	Did not answer
1	3,199	36.35	2,423,918	32.60	Yes
2	5,535	62.90	4,944,220	66.49	No

H19035 -

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
.	89	1.01	84,891	1.14	Did not answer
C	50	0.57	56,452	0.76	Should be skipped
N	5,485	62.33	4,887,768	65.73	Didn't look for information
1	176	2.00	111,554	1.50	Never
2	1,037	11.78	713,439	9.59	Sometimes
3	1,341	15.24	1,011,752	13.61	Usually
4	622	7.07	569,899	7.66	Always

H19036 -

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
.	70	0.80	75,005	1.01	Did not answer
1	1,686	19.16	1,297,179	17.45	Yes
2	7,044	80.05	6,063,572	81.55	No

H19037 -

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
.	84	0.95	86,983	1.17	Did not answer
C	73	0.83	61,978	0.83	Should be skipped
N	6,971	79.22	6,001,595	80.71	Didn't need hlth care service/equipmnt
1	262	2.98	183,981	2.47	Never
2	502	5.70	307,771	4.14	Sometimes
3	513	5.83	408,324	5.49	Usually
4	395	4.49	385,124	5.18	Always

H19038 -

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
.	67	0.76	65,889	0.89	Did not answer
1	1,535	17.44	1,508,402	20.29	Yes
2	7,198	81.80	5,861,464	78.83	No

H19039 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	80	0.91	84,356	1.13	Did not answer
C	34	0.39	28,528	0.38	Should be skipped
N	7,164	81.41	5,832,937	78.44	Didn't need prescription meds/no info
1	216	2.45	172,074	2.31	Never
2	376	4.27	327,717	4.41	Sometimes
3	444	5.05	411,699	5.54	Usually
4	486	5.52	578,446	7.78	Always

H19040 -

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
.	67	0.76	64,818	0.87	Did not answer
1	2,633	29.92	1,957,267	26.32	Yes
2	6,100	69.32	5,413,671	72.81	No

H19041 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	92	1.05	80,538	1.08	Did not answer
C	47	0.53	27,859	0.37	Should be skipped
N	6,053	68.78	5,385,812	72.43	Didn't call hlth plan's customer service
1	223	2.53	141,279	1.90	Never
2	648	7.36	418,944	5.63	Sometimes
3	772	8.77	548,283	7.37	Usually
4	965	10.97	833,040	11.20	Always

H19042 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.22	93,145	1.25	Did not answer
C	50	0.57	27,679	0.37	Should be skipped
N	6,050	68.75	5,385,991	72.43	Didn't call hlth plan's customer service
1	59	0.67	47,386	0.64	Never
2	250	2.84	145,436	1.96	Sometimes
3	608	6.91	414,725	5.58	Usually
4	1,676	19.05	1,321,393	17.77	Always

H19043 -

In last year: health plan gave forms to fill out

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	72	0.82	71,652	0.96	Did not answer
1	2,057	23.38	1,513,515	20.35	Yes
2	6,671	75.81	5,850,589	78.68	No

H19044 -

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
.	85	0.97	80,837	1.09	Did not answer
C	74	0.84	60,210	0.81	Should be skipped
N	6,597	74.97	5,790,379	77.87	Didn't have experience with paperwork
1	92	1.05	54,187	0.73	Never
2	274	3.11	169,115	2.27	Sometimes
3	887	10.08	653,333	8.79	Usually
4	791	8.99	627,695	8.44	Always

H19045 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	74	0.84	75,074	1.01	Did not answer
D	1,787	20.31	1,426,372	19.18	Don't know
1	3,506	39.84	3,493,309	46.98	Yes
2	3,433	39.01	2,441,000	32.83	No

H19046 -

In last year: how often health plan handled claims quickly

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	106	1.20	99,202	1.33	Did not answer
C	61	0.69	48,037	0.65	Should be skipped
D	483	5.49	507,885	6.83	Don't know
N	5,159	58.63	3,819,336	51.36	No claims sent for me in past year
1	181	2.06	117,868	1.59	Never
2	386	4.39	261,321	3.51	Sometimes
3	1,030	11.70	1,027,064	13.81	Usually
4	1,394	15.84	1,555,043	20.91	Always

H19047 -

In last year: how often health plan handled claims correctly

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	110	1.25	107,248	1.44	Did not answer
C	60	0.68	47,971	0.65	Should be skipped
D	463	5.26	484,924	6.52	Don't know
N	5,160	58.64	3,819,401	51.37	No claims sent for me in past year
1	103	1.17	48,879	0.66	Never
2	383	4.35	277,462	3.73	Sometimes
3	982	11.16	888,784	11.95	Usually
4	1,539	17.49	1,761,085	23.68	Always

H19048 -

Rating of all experience with health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	141	1.60	127,134	1.71	Did not answer
0	69	0.78	47,229	0.64	0
1	62	0.70	32,378	0.44	1
2	94	1.07	57,534	0.77	2
3	155	1.76	112,248	1.51	3
4	195	2.22	122,520	1.65	4
5	652	7.41	469,558	6.31	5
6	564	6.41	385,371	5.18	6
7	1,238	14.07	825,915	11.11	7
8	1,763	20.03	1,282,292	17.24	8
9	1,719	19.53	1,556,113	20.93	9
10	2,148	24.41	2,417,463	32.51	10

**H19049 -
Blood pressure: when last reading**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	125	1.42	113,424	1.53	Did not answer
1	178	2.02	117,161	1.58	More than 2 years ago
2	413	4.69	247,433	3.33	1 to 2 years ago
3	8,084	91.86	6,957,738	93.57	Less than 12 months ago

**H19050 -
Blood pressure: know if blood pressure is too high or not**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	133	1.51	149,924	2.02	Did not answer
1	1,363	15.49	1,261,248	16.96	Yes, it's too high
2	6,862	77.98	5,695,215	76.59	No, it's not too high
3	442	5.02	329,369	4.43	Don't know

**H19051 -
When did you last have a flu shot**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	130	1.48	111,447	1.50	Did not answer
1	599	6.81	518,220	6.97	Never had a flu shot
2	1,127	12.81	780,506	10.50	More than 2 years ago
3	1,290	14.66	971,307	13.06	1 to 2 years ago
4	5,654	64.25	5,054,276	67.97	Less than 12 months ago

**H19052 -
Smoked at least 100 cigarettes in life**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	126	1.43	119,152	1.60	Did not answer
D	170	1.93	148,999	2.00	Don't know
1	2,506	28.48	2,386,667	32.10	Yes
2	5,998	68.16	4,780,938	64.30	No

**H19053 -
Smoke or use tobacco every day, some days, or not at all**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	114	1.30	113,616	1.53	Did not answer
D	40	0.45	30,356	0.41	Don't know
2	7,727	87.81	6,557,385	88.19	Not at all
3	409	4.65	333,793	4.49	Some days
4	510	5.80	400,607	5.39	Every day

H19054 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	105	1.19	104,706	1.41	Did not answer
C	121	1.38	95,849	1.29	Should be skipped
N	7,646	86.89	6,491,891	87.31	Valid skip
1	163	1.85	148,032	1.99	Never
2	217	2.47	149,499	2.01	Sometimes
3	215	2.44	147,512	1.98	Usually
4	333	3.78	298,267	4.01	Always

H19055 -

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
.	108	1.23	109,625	1.47	Did not answer
C	88	1.00	77,225	1.04	Should be skipped
N	7,679	87.26	6,510,516	87.56	Valid skip
1	407	4.63	335,032	4.51	Never
2	231	2.63	170,543	2.29	Sometimes
3	144	1.64	109,930	1.48	Usually
4	143	1.63	122,885	1.65	Always

H19056 -

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
.	109	1.24	110,269	1.48	Did not answer
C	68	0.77	65,408	0.88	Should be skipped
N	7,699	87.49	6,522,333	87.72	Valid skip
1	416	4.73	333,472	4.48	Never
2	218	2.48	181,762	2.44	Sometimes
3	145	1.65	108,467	1.46	Usually
4	145	1.65	114,045	1.53	Always

H19057A -

Do you smoke or use: cigarettes

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,767	88.26	6,587,740	88.60	Valid skip
1	616	7.00	495,695	6.67	Marked
2	417	4.74	352,320	4.74	Not marked

H19057B -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,767	88.26	6,587,740	88.60	Valid skip
1	223	2.53	183,106	2.46	Marked
2	810	9.20	664,909	8.94	Not marked

H19057C -

Do you smoke or use: cigars

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	1	0.01	2,812	0.04	Should be skipped
N	7,766	88.25	6,584,929	88.56	Valid skip
1	145	1.65	102,331	1.38	Marked
2	888	10.09	745,685	10.03	Not marked

H19057D -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	7,767	88.26	6,587,740	88.60	Valid skip
1	49	0.56	43,678	0.59	Marked
2	984	11.18	804,337	10.82	Not marked

H19058 -

Are you male or female

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	98	1.11	91,619	1.23	Did not answer
1	4,514	51.30	3,734,534	50.22	Male
2	4,188	47.59	3,609,603	48.54	Female

H19059B -

Female: last have a Pap smear test

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	69	0.78	65,378	0.88	Did not answer
C	21	0.24	21,618	0.29	Should be skipped
N	4,542	51.61	3,755,959	50.51	Valid skip
1	162	1.84	245,673	3.30	Never had a Pap smear test
2	451	5.13	651,128	8.76	5 or more years ago
3	383	4.35	316,678	4.26	More than 3 but less than 5 years ago
4	497	5.65	385,182	5.18	More than 2 but less than 3 years ago

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
5	1,091	12.40	788,740	10.61	1 to 2 years ago
6	1,584	18.00	1,205,400	16.21	Within the last 12 months

**H19060 -
Female: are you under age 40**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	28	0.32	26,950	0.36	Should be skipped
N	4,535	51.53	3,750,627	50.44	Valid skip
1	1,633	18.56	1,345,925	18.10	Yes
2	2,604	29.59	2,312,255	31.10	No

**H19061 -
Female: last time breasts checked by mammography**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	107	1.22	89,282	1.20	Did not answer
C	92	1.05	122,371	1.65	Should be skipped
N	6,104	69.36	5,001,130	67.26	Valid skip
1	135	1.53	77,725	1.05	Never had a mammogram
2	125	1.42	157,900	2.12	5 or more years ago
3	201	2.28	187,106	2.52	More than 2 less than 5 years ago
4	496	5.64	386,009	5.19	1 to 2 years ago
5	1,540	17.50	1,414,232	19.02	Within the last 12 months

**H19062 -
Female: been pregnant in last year or pregnant now**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.59	49,669	0.67	Did not answer
C	10	0.11	5,917	0.08	Should be skipped
N	4,553	51.74	3,771,659	50.72	Valid skip
1	154	1.75	95,645	1.29	Yes, currently pregnant
2	229	2.60	162,534	2.19	No, not currently pregnant but have been
3	3,802	43.20	3,350,331	45.06	No, not currently pregnant/have not been

H19063 -

Female: in what trimester is your pregnancy

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	52	0.59	49,669	0.67	Did not answer
C	1	0.01	172	0.00	Should be skipped
N	8,593	97.65	7,290,269	98.04	Valid skip
1	31	0.35	17,284	0.23	First trimester
2	69	0.78	46,703	0.63	Second trimester
3	54	0.61	31,659	0.43	Third trimester

H19064 -

Female: trimester first received prenatal care

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	53	0.60	51,346	0.69	Did not answer
C	11	0.13	8,669	0.12	Should be skipped
N	8,385	95.28	7,136,522	95.98	Valid skip
1	13	0.15	5,546	0.07	Did not receive prenatal care
2	2	0.02	7,318	0.10	Third trimester
3	23	0.26	17,680	0.24	Second trimester
4	313	3.56	208,675	2.81	First trimester

H19065 -

In general how would you rate your overall health

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	145	1.65	138,262	1.86	Did not answer
1	153	1.74	182,224	2.45	Poor
2	872	9.91	757,372	10.19	Fair
3	2,946	33.48	2,453,724	33.00	Good
4	3,296	37.45	2,740,535	36.86	Very Good
5	1,388	15.77	1,163,640	15.65	Excellent

SREDA -

Highest grade completed

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	185	2.10	176,914	2.38	Did not answer
1	81	0.92	94,525	1.27	Did not graduate high school
3	1,055	11.99	1,193,713	16.05	High school graduate or GED
4	3,221	36.60	2,910,755	39.15	Some college or 2-year degree
5	1,811	20.58	1,261,694	16.97	4-year college graduate
6	2,447	27.81	1,798,156	24.18	More than 4-year college degree

**H19073 -
Are you Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	319	3.63	265,914	3.58	Did not answer
1	7,393	84.01	6,387,882	85.91	No, Not Spanish, Hispanic, or Latino
2	439	4.99	331,472	4.46	Yes, Mexican, Mexican American, Chicano
3	323	3.67	169,832	2.28	Yes, Puerto Rican
4	326	3.70	280,655	3.77	Yes, Cuban or other Spanish, Hispanic, or Latino

**H19073A -
No, not Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	7,419	84.31	6,413,653	86.25	Marked
2	1,381	15.69	1,022,103	13.75	Not marked

**H19073B -
Yes, Mexican, Mexican American, Chicano**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	439	4.99	331,472	4.46	Marked
2	8,361	95.01	7,104,284	95.54	Not marked

**H19073C -
Yes, Puerto Rican**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	354	4.02	195,153	2.62	Marked
2	8,446	95.98	7,240,603	97.38	Not marked

**H19073D -
Yes, Cuban or other Spanish, Hispanic, or Latino**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	383	4.35	326,086	4.39	Marked
2	8,417	95.65	7,109,669	95.61	Not marked

**SRRACEA -
Race: White**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,715	76.31	5,832,945	78.44	Marked
2	2,085	23.69	1,602,811	21.56	Not marked

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,024	11.64	850,264	11.43	Marked
2	7,776	88.36	6,585,492	88.57	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	362	4.11	276,729	3.72	Marked
2	8,438	95.89	7,159,027	96.28	Not marked

**SRRACED -
Race: Asian**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	760	8.64	537,202	7.22	Marked
2	8,040	91.36	6,898,554	92.78	Not marked

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	177	2.01	161,798	2.18	Did not answer
1	657	7.47	920,868	12.38	18 to 24
2	1,522	17.30	1,102,324	14.82	25 to 34
3	1,573	17.88	895,637	12.05	35 to 44
4	1,544	17.55	641,161	8.62	45 to 54
5	2,680	30.45	1,437,535	19.33	55 to 64
6	447	5.08	1,458,725	19.62	65 to 74
7	200	2.27	817,709	11.00	75 or older

S19009 -

Had the same personal doctor before joining this health plan

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	45	0.51	47,966	0.65	Did not answer
C	10	0.11	3,649	0.05	Should be skipped
N	2,417	27.47	1,567,661	21.08	Valid skip
1	1,370	15.57	1,910,829	25.70	Yes
2	4,958	56.34	3,905,651	52.53	No

S19010 -

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
.	170	1.93	140,970	1.90	Did not answer
C	116	1.32	143,711	1.93	Should be skipped
N	1,254	14.25	1,767,117	23.77	Valid skip
1	1,044	11.86	641,775	8.63	A big problem
2	1,899	21.58	1,267,100	17.04	A small problem
3	4,317	49.06	3,475,082	46.73	Not a problem

S19011 -

Agree/disagree: Able to see provider when needed

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	171	1.94	153,114	2.06	Did not answer
1	537	6.10	442,429	5.95	Strongly disagree
2	614	6.98	431,352	5.80	Disagree
3	1,045	11.88	660,579	8.88	Neither agree nor disagree
4	3,733	42.42	2,798,860	37.64	Agree
5	2,700	30.68	2,949,421	39.67	Strongly agree

S19014 -

How satisfied with health care during last visit

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	182	2.07	171,028	2.30	Did not answer
1	304	3.45	269,601	3.63	Completely dissatisfied
2	467	5.31	329,306	4.43	Somewhat dissatisfied
3	750	8.52	497,935	6.70	Neither satisfied nor dissatisfied
4	2,414	27.43	1,676,447	22.55	Somewhat satisfied
5	4,683	53.22	4,491,439	60.40	Completely satisfied

**S19B01 -
Self rate of overall mental/emotional health**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	164	1.86	159,366	2.14	Did not answer
1	2,710	30.80	2,369,964	31.87	Excellent
2	2,926	33.25	2,373,382	31.92	Very good
3	2,052	23.32	1,766,608	23.76	Good
4	767	8.72	626,689	8.43	Fair
5	181	2.06	139,746	1.88	Poor

**S19BF4 -
How often do you use e-cigarettes**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	142	1.61	136,535	1.84	Did not answer
D	36	0.41	26,701	0.36	Don't know
1	120	1.36	108,176	1.45	Every day
2	170	1.93	155,145	2.09	Some days
3	8,332	94.68	7,009,199	94.26	Not at all

**S19BQ01 -
Do you plan to continue to use the same health plan as of January 1, 2019 (for calendar year 2019)?**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	13	0.15	7,733	0.10	Should be skipped
D	362	4.11	259,313	3.49	Don't know
N	335	3.81	313,703	4.22	Valid skip
1	7,706	87.57	6,531,606	87.84	Yes
2	384	4.36	323,400	4.35	No

**S19BQ02A -
Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Life event (such as marriage/ divorce), new jobs, retirement, or moved**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	172	1.95	130,331	1.75	Marked
2	212	2.41	193,069	2.60	Not marked

S19BQ02B -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My employer offered new health plans

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	31	0.35	24,859	0.33	Marked
2	353	4.01	298,541	4.01	Not marked

S19BQ02C -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Your or your family's health needs changed

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	26	0.30	9,550	0.13	Marked
2	358	4.07	313,850	4.22	Not marked

S19BQ02D -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: I had expensive medical bills for services not covered by my insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	18	0.20	10,329	0.14	Marked
2	366	4.16	313,071	4.21	Not marked

S19BQ02E -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: You wanted a plan with a lower annual deductible

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	21	0.24	10,519	0.14	Marked
2	363	4.13	312,881	4.21	Not marked

S19BQ02F -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My doctor charged me more than my insurance would pay and I had to pay the difference

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	13	0.15	13,022	0.18	Marked
2	371	4.22	310,378	4.17	Not marked

S19BQ02G -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: A doctor’s office told me they do not accept my insurance

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	24	0.27	13,088	0.18	Marked
2	360	4.09	310,312	4.17	Not marked

S19BQ02H -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: I had to contact my insurance company because they did not pay a bill promptly or denied payment

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	25	0.28	11,343	0.15	Marked
2	359	4.08	312,057	4.20	Not marked

S19BQ02I -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My copays (a fixed dollar amount for primary or specialty care visits) were more than I could afford

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	18	0.20	7,701	0.10	Marked
2	366	4.16	315,698	4.25	Not marked

S19BQ02J -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: I didn’t have enough doctors to choose from within the network

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	30	0.34	23,065	0.31	Marked
2	354	4.02	300,335	4.04	Not marked

S19BQ02K -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: My premiums or enrollment fees were more than I could afford

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	14	0.16	4,989	0.07	Marked
2	370	4.20	318,411	4.28	Not marked

S19BQ02L -

Whether statement was a reason you decided not to continue using the same plan for calendar year 2019: Other

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	95	1.08	79,421	1.07	Marked
2	289	3.28	243,979	3.28	Not marked

S19BQ03A -

What health plan will you be covered by and use for calendar year 2019: TRICARE Prime

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	81	0.92	48,696	0.65	Marked
2	303	3.44	274,704	3.69	Not marked

S19BQ03B -

What health plan will you be covered by and use for calendar year 2019: TRICARE Select

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	82	0.93	60,063	0.81	Marked
2	302	3.43	263,337	3.54	Not marked

S19BQ03C -

What health plan will you be covered by and use for calendar year 2019: US Family Health Plan (USFHP)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	10	0.11	15,253	0.21	Marked
2	374	4.25	308,147	4.14	Not marked

S19BQ03D -

What health plan will you be covered by and use for calendar year 2019: Veterans Administration (VA)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	26	0.30	14,560	0.20	Marked
2	358	4.07	308,840	4.15	Not marked

S19BQ03E -

What health plan will you be covered by and use for calendar year 2019: The Federal Employee Health Benefits Plan (FEHBP)

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	15	0.17	7,941	0.11	Marked
2	369	4.19	315,459	4.24	Not marked

S19BQ03F -

What health plan will you be covered by and use for calendar year 2019: Medicare and TRICARE for Life

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	91	1.03	70,990	0.95	Marked
2	293	3.33	252,410	3.39	Not marked

S19BQ03G -

What health plan will you be covered by and use for calendar year 2019: Medicaid

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	2	0.02	564	0.01	Marked
2	382	4.34	322,836	4.34	Not marked

S19BQ03H -

What health plan will you be covered by and use for calendar year 2019: Other civilian insurance coverage

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	34	0.39	45,758	0.62	Marked
2	350	3.98	277,642	3.73	Not marked

S19BQ03I -

What health plan will you be covered by and use for calendar year 2019: Space available care at a military facility

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
2	384	4.36	323,400	4.35	Not marked

S19BQ03J -

What health plan will you be covered by and use for calendar year 2019: Don't know

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	21	0.24	18,707	0.25	Marked
2	363	4.13	304,693	4.10	Not marked

S19BQ03K -

What health plan will you be covered by and use for calendar year 2019: No insurance coverage

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
C	8,416	95.64	7,112,356	95.65	Should be skipped
1	5	0.06	8,249	0.11	Marked
2	379	4.31	315,151	4.24	Not marked

ONTIME -

Responded within 8 weeks of mail-out

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
YES	8,800	100.00	7,435,756	100.00	Yes

FLAG_FIN -

Final disposition

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,800	100.00	7,435,756	100.00	Returned survey

DUPFLAG -

Multiple response indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
NO	8,763	99.58	7,415,578	99.73	No
YES	37	0.42	20,178	0.27	Yes

FNSTATUS -

Final status

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
11	8,800	100.00	7,435,756	100.00	Elig, return complete

KEYCOUNT -
Number of key questions answered

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10	2	0.02	1,527	0.02	10
11	66	0.75	69,182	0.93	11
12	3	0.03	3,203	0.04	12
13	5	0.06	1,211	0.02	13
14	25	0.28	24,901	0.33	14
15	7	0.08	1,702	0.02	15
16	40	0.45	31,041	0.42	16
17	55	0.63	47,073	0.63	17
18	150	1.70	100,646	1.35	18
19	700	7.95	580,183	7.80	19
20	7,747	88.03	6,575,086	88.43	20

WEB -
Web survey indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	1,204	13.68	1,050,647	14.13	No
1	7,596	86.32	6,385,108	85.87	Yes

SURVTYPE -
Web or Mail Survey

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
2	7,596	86.32	6,385,108	85.87	Web survey
8	1,204	13.68	1,050,647	14.13	Mail survey

N1 -
Coding Scheme Note 1

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,258	93.84	6,938,661	93.31	1
2	348	3.95	321,436	4.32	2
3	194	2.20	175,658	2.36	3

N1BQ1 -
Coding Scheme Note 1_BQ

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	348	3.95	321,436	4.32	1
2	205	2.33	136,772	1.84	2
3	43	0.49	52,804	0.71	3
4	7,829	88.97	6,616,458	88.98	4

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
5	34	0.39	37,689	0.51	5
6	341	3.88	270,596	3.64	6

**N1BQ2 -
Coding Scheme Note 2_BQ**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,416	95.64	7,112,356	95.65	1
2	313	3.56	246,828	3.32	2
3	71	0.81	76,572	1.03	3

**N2 -
Coding Scheme Note 2**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6	0.07	3,166	0.04	1
2	12	0.14	10,499	0.14	2
3	33	0.38	57,435	0.77	3
4	3,732	42.41	3,113,383	41.87	4
5	10	0.11	4,376	0.06	5
6	51	0.58	33,501	0.45	6
7	4,950	56.25	4,209,310	56.61	7
8	6	0.07	4,085	0.05	8

**N3 -
Coding Scheme Note 3**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5	0.06	5,653	0.08	1
2	24	0.27	18,302	0.25	2
3	71	0.81	74,563	1.00	3
4	7,486	85.07	6,469,937	87.01	4
5	4	0.05	2,540	0.03	5
6	14	0.16	9,644	0.13	6
7	1,190	13.52	848,940	11.42	7
8	6	0.07	6,177	0.08	8

**N4 -
Coding Scheme Note 4**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,023	11.63	760,082	10.22	1
2	8	0.09	7,360	0.10	2
3	7,757	88.15	6,656,156	89.52	3
4	12	0.14	12,158	0.16	4

**N5 -
Coding Scheme Note 5**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,031	11.72	767,441	10.32	1
2	4,550	51.70	4,011,594	53.95	2
3	20	0.23	23,334	0.31	3
4	3	0.03	2,868	0.04	4
5	3,192	36.27	2,629,879	35.37	5
6	4	0.05	639	0.01	6

**N6 -
Coding Scheme Note 6**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	6,348	72.14	5,835,812	78.48	1
2	23	0.26	28,399	0.38	2
3	2	0.02	235	0.00	3
5	2,425	27.56	1,571,054	21.13	5
6	2	0.02	256	0.00	6

**N7 -
Coding Scheme Note 7**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,427	27.58	1,571,310	21.13	1
2	596	6.77	439,993	5.92	2
4	5,777	65.65	5,424,453	72.95	4

**N8 -
Coding Scheme Note 8**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,023	34.35	2,011,303	27.05	1
2	4,293	48.78	4,176,365	56.17	2
3	37	0.42	36,273	0.49	3
4	1,406	15.98	1,162,649	15.64	4
5	41	0.47	49,166	0.66	5

**N8_01 -
Coding Scheme Note 8_01**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,427	27.58	1,571,310	21.13	1
2	1,370	15.57	1,910,829	25.70	2
3	4,958	56.34	3,905,651	52.53	3
4	45	0.51	47,966	0.65	4

**N9 -
Coding Scheme Note 9**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	5,421	61.60	4,724,670	63.54	1
2	21	0.24	17,283	0.23	2
3	3,355	38.13	2,691,911	36.20	3
5	3	0.03	1,891	0.03	5

**N10 -
Coding Scheme Note 10**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,355	38.13	2,691,911	36.20	1
2	5,231	59.44	4,589,616	61.72	2
3	6	0.07	9,202	0.12	3
4	182	2.07	122,229	1.64	4
5	26	0.30	22,799	0.31	5

**N12 -
Coding Scheme Note 12**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,166	35.98	2,399,303	32.27	1
2	12	0.14	13,905	0.19	2
3	33	0.38	24,616	0.33	3
4	5,523	62.76	4,930,315	66.31	4
5	66	0.75	67,618	0.91	5

**N13 -
Coding Scheme Note 13**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,628	18.50	1,251,399	16.83	1
2	35	0.40	30,142	0.41	2
3	58	0.66	45,780	0.62	3
4	7,009	79.65	6,033,431	81.14	4
5	70	0.80	75,005	1.01	5

**N14 -
Coding Scheme Note 14**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,466	16.66	1,425,014	19.16	1
2	13	0.15	10,838	0.15	2
3	69	0.78	83,389	1.12	3
4	7,185	81.65	5,850,627	78.68	4
5	67	0.76	65,889	0.89	5

**N15 -
Coding Scheme Note 15**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,592	29.45	1,914,777	25.75	1
2	15	0.17	8,243	0.11	2
3	41	0.47	42,490	0.57	3
4	6,085	69.15	5,405,428	72.70	4
5	67	0.76	64,818	0.87	5

**N16 -
Coding Scheme Note 16**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	2,034	23.11	1,494,563	20.10	1
2	15	0.17	8,380	0.11	2
3	23	0.26	18,952	0.25	3
4	6,656	75.64	5,842,209	78.57	4
5	72	0.82	71,652	0.96	5

**N17 -
Coding Scheme Note 17**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3,460	39.32	3,445,965	46.34	1
2	15	0.17	10,988	0.15	2
3	46	0.52	47,344	0.64	3
4	3,418	38.84	2,430,013	32.68	4
5	1,787	20.31	1,426,372	19.18	5
6	74	0.84	75,074	1.01	6

**N18 -
Coding Scheme Note 18**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,021	11.60	838,422	11.28	1
2	7,766	88.25	6,584,929	88.56	2
3	12	0.14	9,593	0.13	3
4	1	0.01	2,812	0.04	4

**N19A -
Coding Scheme Note 19A**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	3	0.03	2,969	0.04	1
2	45	0.51	45,563	0.61	2
4	50	0.57	43,087	0.58	4
8	4,481	50.92	3,704,376	49.82	8
9	1	0.01	45	0.00	9
10	32	0.36	30,113	0.40	10
11	4,188	47.59	3,609,603	48.54	11

**N19B -
Coding Scheme Note 19B**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,531	51.49	3,747,463	50.40	1
2	32	0.36	30,113	0.40	2
3	4,237	48.15	3,658,180	49.20	3

**N20 -
Coding Scheme Note 20**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,563	51.85	3,777,576	50.80	1
2	2,576	29.27	2,283,955	30.72	2
3	1,613	18.33	1,326,496	17.84	3
4	1	0.01	351	0.00	4
5	20	0.23	19,429	0.26	5
6	27	0.31	27,949	0.38	6

**N21 -
Coding Scheme Note 21**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,563	51.85	3,777,576	50.80	1
2	31	0.35	17,284	0.23	2
4	69	0.78	46,703	0.63	4
5	54	0.61	31,659	0.43	5
6	229	2.60	162,534	2.19	6
7	3,802	43.20	3,350,331	45.06	7
12	52	0.59	49,669	0.67	12

**N23_HT -
Coding Scheme Note 23_HT**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,595	97.67	7,234,127	97.29	1
2	205	2.33	201,629	2.71	2

**N23_WT -
Coding Scheme Note 23_WT**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	8,616	97.91	7,247,121	97.46	1
2	184	2.09	188,635	2.54	2

**N24 -
Coding Scheme Note 24**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	439	4.99	331,472	4.46	1
2	304	3.45	253,715	3.41	2
3	323	3.67	169,832	2.28	3
4	22	0.25	26,940	0.36	4
5	7,393	84.01	6,387,882	85.91	5
6	319	3.63	265,914	3.58	6

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,800	100.00	7,435,756	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	8,800	100.00	7,435,756	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	5,938	67.48	4,986,266	67.06	0 times
1	2,226	25.30	1,816,387	24.43	1 time
2	561	6.38	558,945	7.52	2 times
3	67	0.76	70,402	0.95	3 times
4	7	0.08	3,399	0.05	4 times
5	1	0.01	357	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	7,832	89.00	6,666,500	89.65	0 times
1	619	7.03	523,095	7.03	1 time
2	240	2.73	163,438	2.20	2 times
3	51	0.58	47,084	0.63	3 times
4	21	0.24	8,747	0.12	4 times
5	14	0.16	8,928	0.12	5 times
6	5	0.06	3,494	0.05	6 times
7	9	0.10	2,940	0.04	7 times
8	2	0.02	3,557	0.05	8 times
9	3	0.03	4,167	0.06	9 times
10	1	0.01	1,763	0.02	10 times
11	1	0.01	96	0.00	11 times
15	1	0.01	176	0.00	15 times
18	1	0.01	1,769	0.02	18 times

MISS_7 -

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,800	100.00	7,435,756	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	7,596	86.32	6,385,108	85.87	0 times
5	1	0.01	2,812	0.04	5 times
6	1	0.01	48	0.00	6 times
7	3	0.03	684	0.01	7 times
9	2	0.02	1,843	0.02	9 times
10	2	0.02	4,507	0.06	10 times
11	2	0.02	2,716	0.04	11 times
12	4	0.05	10,775	0.14	12 times
13	8	0.09	7,667	0.10	13 times
14	6	0.07	8,792	0.12	14 times
15	3	0.03	584	0.01	15 times
16	6	0.07	6,582	0.09	16 times
17	7	0.08	3,808	0.05	17 times
18	7	0.08	7,805	0.10	18 times
19	5	0.06	2,691	0.04	19 times
20	6	0.07	4,202	0.06	20 times
21	13	0.15	6,451	0.09	21 times
23	12	0.14	17,933	0.24	23 times
24	4	0.05	3,768	0.05	24 times
25	1	0.01	352	0.00	25 times
26	10	0.11	10,630	0.14	26 times
27	15	0.17	13,217	0.18	27 times
28	7	0.08	3,573	0.05	28 times
29	14	0.16	12,572	0.17	29 times
30	9	0.10	9,563	0.13	30 times
31	20	0.23	19,175	0.26	31 times
32	17	0.19	15,279	0.21	32 times
33	20	0.23	17,247	0.23	33 times
34	20	0.23	18,816	0.25	34 times
35	31	0.35	23,020	0.31	35 times
36	39	0.44	27,153	0.37	36 times
37	45	0.51	56,861	0.76	37 times
38	43	0.49	38,506	0.52	38 times
39	51	0.58	32,702	0.44	39 times
40 -- 80	770	8.75	658,314	8.85	40 or more times

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	4,666	53.02	3,961,752	53.28	0 times
1	2,112	24.00	1,689,889	22.73	1 time
2	673	7.65	600,469	8.08	2 times
3	121	1.38	111,002	1.49	3 times
4	16	0.18	16,595	0.22	4 times
5	6	0.07	4,197	0.06	5 times
6	3	0.03	4,014	0.05	6 times
7	4	0.05	732	0.01	7 times
11	2	0.02	2,716	0.04	11 times
12	4	0.05	6,031	0.08	12 times
13	6	0.07	12,083	0.16	13 times
14	6	0.07	7,441	0.10	14 times
15	5	0.06	6,225	0.08	15 times
16	6	0.07	3,915	0.05	16 times
17	4	0.05	2,780	0.04	17 times
18	6	0.07	8,811	0.12	18 times
19	7	0.08	4,998	0.07	19 times
20	3	0.03	1,391	0.02	20 times
21	11	0.13	5,800	0.08	21 times
22	6	0.07	4,382	0.06	22 times
23	8	0.09	10,504	0.14	23 times
24	5	0.06	4,465	0.06	24 times
25	5	0.06	6,449	0.09	25 times
26	7	0.08	5,370	0.07	26 times
27	13	0.15	12,525	0.17	27 times
28	6	0.07	3,041	0.04	28 times
29	11	0.13	13,341	0.18	29 times
30	11	0.13	10,082	0.14	30 times
31	16	0.18	18,788	0.25	31 times
32	12	0.14	11,484	0.15	32 times
33	10	0.11	8,142	0.11	33 times
34	19	0.22	18,254	0.25	34 times
35	35	0.40	22,131	0.30	35 times
36	31	0.35	22,697	0.31	36 times
37	35	0.40	34,064	0.46	37 times
38	42	0.48	44,358	0.60	38 times
39	50	0.57	38,691	0.52	39 times
40 -- 82	817	9.28	696,144	9.36	40 or more times

**DHAFLAG -
DHA Flag**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	8,353	94.92	6,857,425	92.22	Not DHA
1	447	5.08	578,331	7.78	DHA

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
N	2,217	25.19	2,459,697	33.08	N
O	1,077	12.24	304,200	4.09	Other
S	2,473	28.10	2,439,966	32.81	S
W	3,033	34.47	2,231,893	30.02	West

**XENRLLMT -
Enrollment in TRICARE prime**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	42,136	0.57	Missing/Unknown
1	2,479	28.17	1,649,339	22.18	Active Duty - under 65
2	3,849	43.74	1,984,559	26.69	Enrolled - under 65
3	1,876	21.32	1,506,029	20.25	Not enrolled - under 65
4	468	5.32	1,959,891	26.36	Not enrolled - 65 or over
5	74	0.84	293,801	3.95	Enrolled - 65 or over

**XENR_PCM -
Enrollment by PCM type**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	42,136	0.57	Missing/Unknown
1	2,479	28.17	1,649,339	22.18	Active Duty - under 65
2	3,349	38.06	1,231,010	16.56	Enrolled - under 65, Mil PCM
3	500	5.68	753,550	10.13	Enrolled - under 65, Civ PCM
4	1,876	21.32	1,506,029	20.25	Not enrolled - under 65
5	468	5.32	1,959,891	26.36	Not enrolled - 65 or over
6	61	0.69	245,642	3.30	Enrolled - 65 or over, Mil PCM
7	13	0.15	48,159	0.65	Enrolled - 65 or over, Civ PCM

**XINS_COV -
Insurance coverage**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	825	9.38	1,026,948	13.81	Missing/Unknown
1	2,479	28.17	1,649,339	22.18	Prime-under 65 Active Duty
2	3,092	35.14	1,478,836	19.89	Prime-under 65 Non-active Duty
3	815	9.26	581,250	7.82	Select
4	445	5.06	1,542,267	20.74	Medicare
5	606	6.89	547,510	7.36	Other civilian insurance
6	2	0.02	7,685	0.10	Prime,65 or over
7	44	0.50	36,759	0.49	TRICARE Plus
8	313	3.56	276,898	3.72	Veterans Administration (VA)
9	102	1.16	202,318	2.72	TRICARE Reserve Select
10	49	0.56	35,858	0.48	TRICARE Retired Reserve
12	3	0.03	536	0.01	Continued Health Care Benefit Program
13	14	0.16	28,519	0.38	TRICARE Young Adult Prime
14	11	0.13	21,032	0.28	TRICARE Young Adult Standard/Extra

**XBENCAT -
Beneficiary category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	2	0.02	4,287	0.06	Missing/Other
1	2,080	23.64	1,410,583	18.97	Active Duty
2	1,409	16.01	635,247	8.54	Dependent of Active Duty
3	372	4.23	223,557	3.01	Active Reservist
4	255	2.90	91,013	1.22	Dependent of Active Reservist
5	78	0.89	125,912	1.69	Inactive Reservist
6	77	0.88	136,116	1.83	Dependent of Inactive Reservist
7	3,933	44.69	2,521,524	33.91	Retired or dependent<65
8	594	6.75	2,287,517	30.76	Retired or dependent>65

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	54	0.61	42,136	0.57	Missing/Unknown
1	2,080	23.64	1,410,583	18.97	Active Duty - under 65
2	3,349	38.06	1,231,010	16.56	Enrolled - under 65, Mil PCM
3	500	5.68	753,550	10.13	Enrolled - under 65, Civ PCM
4	1,876	21.32	1,506,029	20.25	Not enrolled - under 65
5	468	5.32	1,959,891	26.36	Not enrolled - 65 or over
6	61	0.69	245,642	3.30	Enrolled - 65 or over, Mil PCM
7	13	0.15	48,159	0.65	Enrolled - 65 or over, Civ PCM
8	399	4.53	238,756	3.21	Reservists - under 65

**XINS_RSV -
Insurance coverage - reservist**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	825	9.38	1,026,948	13.81	Missing/Unknown
1	2,080	23.64	1,410,583	18.97	Prime-under 65 Active Duty
2	3,092	35.14	1,478,836	19.89	Prime-under 65 Non-active Duty
3	815	9.26	581,250	7.82	Select
4	445	5.06	1,542,267	20.74	Medicare
5	606	6.89	547,510	7.36	Other civilian insurance
6	2	0.02	7,685	0.10	Prime,65 or over
7	44	0.50	36,759	0.49	TRICARE Plus
8	313	3.56	276,898	3.72	Veterans Administration (VA)
9	102	1.16	202,318	2.72	TRICARE Reserve Select
10	399	4.53	238,756	3.21	Prime-under 65 Reservists
11	49	0.56	35,858	0.48	TRICARE Retired Reserve
13	3	0.03	536	0.01	Continued Health Care Benefit Program
14	14	0.16	28,519	0.38	TRICARE Young Adult Prime
15	11	0.13	21,032	0.28	TRICARE Young Adult Standard/Extra

**XREGION -
Region**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	267	3.03	161,353	2.17	Missing data
1	969	11.01	984,500	13.24	Northeast
2	691	7.85	751,399	10.11	Mid-Atlantic
3	940	10.68	1,006,529	13.54	Southeast
4	702	7.98	555,700	7.47	Gulfsouth
5	487	5.53	605,354	8.14	Heartland
6	837	9.51	867,623	11.67	Southwest
7	503	5.72	360,397	4.85	Central 7

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
8	1,069	12.15	748,799	10.07	Central 8
9	724	8.23	446,071	6.00	Southern California
10	169	1.92	178,162	2.40	Golden Gate
11	322	3.66	312,285	4.20	Northwest
12	114	1.30	111,652	1.50	Hawaii
13	410	4.66	115,473	1.55	Europe
14	337	3.83	138,569	1.86	Western Pacific Command
15	150	1.70	21,652	0.29	TRICARE Latin America
16	109	1.24	70,236	0.94	Alaska

XTNEXRG2 -

Revised TNEC Region - Definitions changed as of FY2019

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,681	53.19	4,883,376	65.67	East
2	3,016	34.27	2,235,898	30.07	West
3	1,103	12.53	316,482	4.26	Overseas

USA -

CONUS/OCONUS indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	267	3.03	161,353	2.17	Invalid/Missing
0	897	10.19	275,695	3.71	Not in USA
1	7,636	86.77	6,998,708	94.12	In USA

XOCONUS -

Overseas Europe/Pacific/Latin indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,903	89.81	7,160,061	96.29	In Conus/Missing Region
1	410	4.66	115,473	1.55	Europe
2	337	3.83	138,569	1.86	Western Pacific
3	150	1.70	21,652	0.29	Latin America

OUTCATCH -

Out of catchment area indicator

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0	6,384	72.55	3,980,559	53.53	Catchment areas
1	2,416	27.45	3,455,197	46.47	Out of catchment areas

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	4,563	51.85	3,777,576	50.80	Male
2	4,237	48.15	3,658,180	49.20	Female

**XBMICAT -
Body mass index category**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	645	7.33	594,601	8.00	Missing data
1	63	0.72	65,167	0.88	Underweight
2	2,553	29.01	2,285,942	30.74	Normal weight
3	3,389	38.51	2,743,411	36.89	Overweight
4	2,018	22.93	1,608,284	21.63	Obese
5	132	1.50	138,351	1.86	Morbidly obese

**XBNFGRP -
Constructed beneficiary group**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	73	0.83	228,482	3.07	TRS/Missing/Unknown
1	2,479	28.17	1,649,339	22.18	Active Duty <65
2	1,719	19.53	744,607	10.01	Family of Active <65
3	3,987	45.31	2,559,635	34.42	Ret/Surv/Fam <65
4	542	6.16	2,253,692	30.31	Ret/Surv/Fam 65+

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	32	0.36	36,128	0.49	No response
1	4,625	52.56	5,181,927	69.69	None
2	649	7.38	361,556	4.86	1 visit
3	952	10.82	431,276	5.80	2 visits
4	816	9.27	429,921	5.78	3 visits
5	642	7.30	367,661	4.94	4 visits
6	789	8.97	445,729	5.99	5 to 9 visits
7	295	3.35	181,558	2.44	10 or more visits

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	31	0.35	38,711	0.52	No response
1	5,253	59.69	3,040,980	40.90	None
2	382	4.34	429,996	5.78	1 visit
3	660	7.50	781,035	10.50	2 visits
4	586	6.66	746,884	10.04	3 visits
5	573	6.51	757,892	10.19	4 visits
6	829	9.42	1,122,728	15.10	5 to 9 visits
7	486	5.52	517,530	6.96	10 or more visits

**XSERVAFF -
Service affiliation**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	1,434	16.30	1,376,862	18.52	Army
2	3,107	35.31	1,052,074	14.15	Air Force
3	1,506	17.11	1,122,651	15.10	Navy
4	2,570	29.20	3,649,189	49.08	Other
5	183	2.08	234,980	3.16	DHA

**KCIVINS -
Beneficiary covered by civilian insurance**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
1	653	7.42	684,931	9.21	Yes
2	8,147	92.58	6,750,825	90.79	No

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	3,886	44.16	3,418,961	45.98	Missing/Unknown/3 mnths prg now/not prg past yr
N	4,563	51.85	3,777,576	50.80	NA - male
1	313	3.56	208,675	2.81	Yes
2	38	0.43	30,544	0.41	No

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	6,353	72.19	5,245,114	70.54	Missing/Unknown/NA
1	2,026	23.02	1,792,772	24.11	Yes
2	421	4.78	397,871	5.35	No

HP_MAM50 -

Women age 50 and over: mammography in past 2 years

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,009	79.65	5,596,627	75.27	Missing/Unknown/NA
1	1,533	17.42	1,530,883	20.59	Yes
2	258	2.93	308,246	4.15	No

HP_PAP -

All women: pap smear in last 3 years

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	4,632	52.64	3,842,954	51.68	Missing/Unknown/NA
1	3,172	36.05	2,379,322	32.00	Yes
2	996	11.32	1,213,480	16.32	No

HP_BP -

Blood pressure check in last 2 years and know results

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	152	1.73	158,805	2.14	Unknown
1	8,117	92.24	6,883,828	92.58	Yes
2	531	6.03	393,123	5.29	No

HP_FLU -

Age 65 and older: flu shot in last 12 months

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	8,210	93.30	5,161,741	69.42	Missing/Unknown/NA
1	440	5.00	1,706,985	22.96	Yes
2	150	1.70	567,030	7.63	No

HP_OBESE -

Obese or morbidly obese

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	645	7.33	594,601	8.00	Missing/Unknown/NA
1	2,150	24.43	1,746,636	23.49	Yes
2	6,005	68.24	5,094,519	68.51	No

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,872	89.45	6,692,446	90.00	Missing/Unknown/NA
1	765	8.69	595,278	8.01	Yes
2	163	1.85	148,032	1.99	No

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	307	3.49	277,538	3.73	Missing/Unknown/NA
1	565	6.42	450,641	6.06	Yes
2	7,928	90.09	6,707,577	90.21	No

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
.	7,886	89.61	6,706,638	90.19	Missing/Unknown/NA
1	758	8.61	588,278	7.91	Yes
2	156	1.77	140,840	1.89	No

**DELGENRC -
DEERS Eligibility-Enrollment Code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
TE	242	2.75	231,471	3.11	TRICARE Entitled, Non-TFL
TFL	586	6.66	2,052,816	27.61	TRICARE For Life (TFL)
TP	5,943	67.53	3,324,129	44.70	TRICARE Prime
TPL	150	1.70	234,409	3.15	TRICARE Plus
TRS	73	0.83	228,482	3.07	TRICARE Reserve Select (TRS)
TS	1,721	19.56	1,205,337	16.21	TRICARE Select
U	76	0.86	138,958	1.87	Designated Provider (USFHP)
Z	9	0.10	20,153	0.27	None

**DENRGRPC -
DEERS Enroll Group Code**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
D	242	2.75	231,471	3.11	D
L	150	1.70	234,409	3.15	L
P	5,943	67.53	3,324,129	44.70	P
S	1,794	20.39	1,433,819	19.28	S
U	76	0.86	138,958	1.87	U
Z	595	6.76	2,072,970	27.88	Z

**POSTCELL -
Poststratification cell for new weights**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
09999	73	0.83	228,482	3.07	09999
10001	62	0.70	10,138	0.14	10001
10003	36	0.41	13,185	0.18	10003
10004	101	1.15	10,648	0.14	10004
10005	26	0.30	18,335	0.25	10005
10006	55	0.63	19,705	0.27	10006
10008	94	1.07	7,455	0.10	10008
10009	40	0.45	19,123	0.26	10009
10010	39	0.44	13,154	0.18	10010
10013	81	0.92	9,437	0.13	10013
10014	39	0.44	21,195	0.29	10014
10018	54	0.61	4,781	0.06	10018
10019	57	0.65	5,249	0.07	10019
10024	31	0.35	57,851	0.78	10024
10026	57	0.65	5,266	0.07	10026
10028	32	0.36	12,641	0.17	10028
10029	41	0.47	79,586	1.07	10029
10030	33	0.38	17,236	0.23	10030
10032	28	0.32	49,126	0.66	10032
10033	89	1.01	17,986	0.24	10033
10038	31	0.35	44,757	0.60	10038
10039	27	0.31	48,264	0.65	10039
10042	27	0.31	23,657	0.32	10042
10043	53	0.60	8,613	0.12	10043
10045	49	0.56	26,771	0.36	10045
10046	114	1.30	9,962	0.13	10046
10047	33	0.38	34,658	0.47	10047
10048	32	0.36	41,702	0.56	10048
10049	26	0.30	36,649	0.49	10049
10051	83	0.94	10,464	0.14	10051
10052	36	0.41	55,814	0.75	10052
10053	58	0.66	6,523	0.09	10053
10055	43	0.49	14,966	0.20	10055
10056	29	0.33	22,461	0.30	10056

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10057	40	0.45	26,571	0.36	10057
10058	52	0.59	11,843	0.16	10058
10060	34	0.39	51,740	0.70	10060
10061	44	0.50	15,654	0.21	10061
10062	31	0.35	11,536	0.16	10062
10064	26	0.30	14,086	0.19	10064
10066	42	0.48	22,830	0.31	10066
10067	48	0.55	27,918	0.38	10067
10068	38	0.43	11,338	0.15	10068
10069	44	0.50	46,023	0.62	10069
10073	24	0.27	17,182	0.23	10073
10074	92	1.05	3,249	0.04	10074
10075	38	0.43	20,051	0.27	10075
10076	69	0.78	8,122	0.11	10076
10077	61	0.69	6,685	0.09	10077
10078	40	0.45	17,744	0.24	10078
10079	48	0.55	31,492	0.42	10079
10083	99	1.13	9,558	0.13	10083
10086	37	0.42	12,439	0.17	10086
10089	27	0.31	78,281	1.05	10089
10090	62	0.70	7,770	0.10	10090
10091	19	0.22	59,083	0.79	10091
10092	30	0.34	14,036	0.19	10092
10094	52	0.59	9,140	0.12	10094
10095	62	0.70	23,222	0.31	10095
10096	40	0.45	13,431	0.18	10096
10098	29	0.33	17,443	0.23	10098
10100	36	0.41	17,373	0.23	10100
10101	59	0.67	8,798	0.12	10101
10103	18	0.20	13,560	0.18	10103
10104	15	0.17	14,516	0.20	10104
10105	37	0.42	14,465	0.19	10105
10108	27	0.31	49,763	0.67	10108
10109	34	0.39	63,646	0.86	10109
10110	27	0.31	75,622	1.02	10110
10112	38	0.43	6,848	0.09	10112
10113	65	0.74	11,231	0.15	10113
10117	42	0.48	31,967	0.43	10117
10118	55	0.63	11,065	0.15	10118
10119	38	0.43	11,493	0.15	10119
10120	38	0.43	23,353	0.31	10120
10121	40	0.45	16,920	0.23	10121
10122	43	0.49	14,891	0.20	10122
10123	46	0.52	67,163	0.90	10123
10124	28	0.32	83,706	1.13	10124
10125	33	0.38	72,619	0.98	10125
10126	35	0.40	30,964	0.42	10126

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
10127	33	0.38	15,584	0.21	10127
10128	95	1.08	7,330	0.10	10128
10129	58	0.66	6,609	0.09	10129
10131	41	0.47	7,207	0.10	10131
10231	61	0.69	9,568	0.13	10231
10248	56	0.64	6,798	0.09	10248
10252	38	0.43	16,716	0.22	10252
10280	47	0.53	18,744	0.25	10280
10306	52	0.59	12,795	0.17	10306
10310	63	0.72	4,763	0.06	10310
10330	32	0.36	22,013	0.30	10330
10356	52	0.59	8,580	0.12	10356
10364	43	0.49	7,328	0.10	10364
10366	52	0.59	16,799	0.23	10366
10378	33	0.38	15,218	0.20	10378
10385	48	0.55	16,783	0.23	10385
10387	30	0.34	8,631	0.12	10387
10405	34	0.39	11,476	0.15	10405
10407	42	0.48	9,897	0.13	10407
10508	46	0.52	16,556	0.22	10508
10607	26	0.30	27,551	0.37	10607
10609	35	0.40	23,529	0.32	10609
10612	34	0.39	28,581	0.38	10612
10620	65	0.74	9,014	0.12	10620
10621	37	0.42	25,831	0.35	10621
10622	30	0.34	29,969	0.40	10622
10633	42	0.48	11,980	0.16	10633
10804	36	0.41	10,716	0.14	10804
10805	111	1.26	4,375	0.06	10805
10806	51	0.58	13,426	0.18	10806
16034	29	0.33	11,090	0.15	16034
16215	100	1.14	4,768	0.06	16215
17139	45	0.51	12,388	0.17	17139
19001	161	1.83	126,186	1.70	19001
19002	112	1.27	106,582	1.43	19002
19003	186	2.11	132,969	1.79	19003
19004	174	1.98	60,821	0.82	19004
29001	193	2.19	250,209	3.36	29001
29002	140	1.59	305,921	4.11	29002
29003	169	1.92	202,212	2.72	29003
39001	494	5.61	499,279	6.71	39001
39002	411	4.67	409,284	5.50	39002
39003	480	5.45	356,856	4.80	39003
39004	450	5.11	44,858	0.60	39004
69001	191	2.17	719,892	9.68	69001
69002	193	2.19	859,816	11.56	69002
69003	158	1.80	673,985	9.06	69003

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.630	887	10.08	150,319	2.02	Minimum to 10th Percentile
41.183 -- 104.206	1,313	14.92	89,434	1.20	>10th to 25th Percentile
104.528 -- 352.057	2,203	25.03	465,590	6.26	>25th to 50th Percentile
353.121 -- 937.168	2,223	25.26	1,322,365	17.78	>50th to 75th Percentile
937.514 -- 2281.485	1,294	14.70	1,762,828	23.71	>75th to 90th Percentile
2307.815 -- 10219.55	880	10.00	3,645,221	49.02	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.395	918	10.43	161,074	2.17	Minimum to 10th Percentile
40.840 -- 99.824	1,269	14.42	85,888	1.16	>10th to 25th Percentile
100.742 -- 356.537	2,224	25.27	467,444	6.29	>25th to 50th Percentile
357.597 -- 924.431	2,000	22.73	1,119,571	15.06	>50th to 75th Percentile
924.744 -- 2333.376	1,509	17.15	1,969,703	26.49	>75th to 90th Percentile
2337.609 -- 10586.73	880	10.00	3,632,075	48.85	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.756	889	10.10	127,443	1.71	Minimum to 10th Percentile
41.621 -- 108.234	1,329	15.10	92,159	1.24	>10th to 25th Percentile
108.611 -- 353.702	2,186	24.84	467,463	6.29	>25th to 50th Percentile
355.085 -- 932.749	2,023	22.99	1,144,431	15.39	>50th to 75th Percentile
933.878 -- 2260.272	1,494	16.98	1,963,267	26.40	>75th to 90th Percentile
2276.305 -- 10207.77	879	9.99	3,640,994	48.97	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.563	908	10.32	143,054	1.92	Minimum to 10th Percentile
42.166 -- 101.440	1,292	14.68	87,388	1.18	>10th to 25th Percentile
102.429 -- 350.275	2,203	25.03	463,047	6.23	>25th to 50th Percentile
350.908 -- 934.070	2,028	23.05	1,141,278	15.35	>50th to 75th Percentile
935.846 -- 2269.602	1,489	16.92	1,952,294	26.26	>75th to 90th Percentile
2294.851 -- 10167.94	880	10.00	3,648,695	49.07	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.818	920	10.45	182,239	2.45	Minimum to 10th Percentile
41.337 -- 100.310	1,272	14.45	85,545	1.15	>10th to 25th Percentile
100.565 -- 351.027	2,214	25.16	463,655	6.24	>25th to 50th Percentile
351.316 -- 950.476	2,429	27.60	1,509,327	20.30	>50th to 75th Percentile
951.324 -- 2238.951	1,086	12.34	1,566,916	21.07	>75th to 90th Percentile
2255.812 -- 10313.84	879	9.99	3,628,075	48.79	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.765	895	10.17	131,969	1.77	Minimum to 10th Percentile
41.430 -- 105.496	1,304	14.82	89,197	1.20	>10th to 25th Percentile
105.644 -- 352.044	2,202	25.02	467,679	6.29	>25th to 50th Percentile
353.247 -- 932.001	2,223	25.26	1,324,613	17.81	>50th to 75th Percentile
939.716 -- 2299.583	1,296	14.73	1,777,991	23.91	>75th to 90th Percentile
2300.629 -- 10142.04	880	10.00	3,644,307	49.01	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.742	886	10.07	145,929	1.96	Minimum to 10th Percentile
40.885 -- 102.782	1,311	14.90	89,039	1.20	>10th to 25th Percentile
103.574 -- 353.397	2,222	25.25	471,340	6.34	>25th to 50th Percentile
353.839 -- 941.405	2,198	24.98	1,312,110	17.65	>50th to 75th Percentile
943.177 -- 2341.846	1,304	14.82	1,779,336	23.93	>75th to 90th Percentile
2343.720 -- 10583.36	879	9.99	3,638,003	48.93	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.381	912	10.36	152,040	2.04	Minimum to 10th Percentile
41.711 -- 101.464	1,292	14.68	87,616	1.18	>10th to 25th Percentile
102.085 -- 351.221	2,198	24.98	463,060	6.23	>25th to 50th Percentile
352.195 -- 922.332	2,209	25.10	1,309,939	17.62	>50th to 75th Percentile
923.700 -- 2308.124	1,312	14.91	1,788,976	24.06	>75th to 90th Percentile
2327.446 -- 10268.82	877	9.97	3,634,125	48.87	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.799	887	10.08	154,805	2.08	Minimum to 10th Percentile
41.304 -- 105.476	1,315	14.94	90,024	1.21	>10th to 25th Percentile
105.785 -- 351.254	2,206	25.07	468,942	6.31	>25th to 50th Percentile
351.933 -- 938.381	2,213	25.15	1,317,909	17.72	>50th to 75th Percentile
938.673 -- 2320.304	1,302	14.80	1,780,053	23.94	>75th to 90th Percentile
2330.455 -- 10657.47	877	9.97	3,624,023	48.74	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.268	936	10.64	145,103	1.95	Minimum to 10th Percentile
42.924 -- 102.150	1,254	14.25	85,795	1.15	>10th to 25th Percentile
102.570 -- 355.560	2,212	25.14	466,532	6.27	>25th to 50th Percentile
357.321 -- 927.605	2,024	23.00	1,142,204	15.36	>50th to 75th Percentile
929.657 -- 2259.569	1,495	16.99	1,956,460	26.31	>75th to 90th Percentile
2260.388 -- 10168.56	879	9.99	3,639,662	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.560	944	10.73	161,045	2.17	Minimum to 10th Percentile
42.375 -- 100.690	1,250	14.20	85,486	1.15	>10th to 25th Percentile
101.569 -- 351.539	2,210	25.11	463,108	6.23	>25th to 50th Percentile
352.115 -- 934.123	2,035	23.13	1,146,159	15.41	>50th to 75th Percentile
935.628 -- 2299.608	1,485	16.88	1,950,616	26.23	>75th to 90th Percentile
2346.154 -- 10308.70	876	9.95	3,629,342	48.81	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.309	941	10.69	170,309	2.29	Minimum to 10th Percentile
41.913 -- 101.340	1,268	14.41	87,013	1.17	>10th to 25th Percentile
101.619 -- 353.129	2,192	24.91	460,659	6.20	>25th to 50th Percentile
353.402 -- 924.807	2,033	23.10	1,141,512	15.35	>50th to 75th Percentile
929.518 -- 2318.338	1,489	16.92	1,952,221	26.25	>75th to 90th Percentile
2343.718 -- 10617.63	877	9.97	3,624,043	48.74	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.712	881	10.01	118,708	1.60	Minimum to 10th Percentile
43.107 -- 105.215	1,329	15.10	91,014	1.22	>10th to 25th Percentile
105.817 -- 353.582	2,196	24.95	469,040	6.31	>25th to 50th Percentile
354.435 -- 929.110	2,209	25.10	1,318,641	17.73	>50th to 75th Percentile
929.991 -- 2310.833	1,306	14.84	1,789,771	24.07	>75th to 90th Percentile
2315.612 -- 10133.08	879	9.99	3,648,582	49.07	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.592	889	10.10	140,245	1.89	Minimum to 10th Percentile
40.945 -- 102.315	1,312	14.91	88,921	1.20	>10th to 25th Percentile
102.709 -- 355.358	2,204	25.05	465,513	6.26	>25th to 50th Percentile
355.709 -- 938.271	2,029	23.06	1,145,076	15.40	>50th to 75th Percentile
940.522 -- 2299.502	1,490	16.93	1,964,192	26.42	>75th to 90th Percentile
2313.466 -- 10467.82	876	9.95	3,631,808	48.84	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.640	929	10.56	142,003	1.91	Minimum to 10th Percentile
41.810 -- 105.160	1,277	14.51	88,177	1.19	>10th to 25th Percentile
105.953 -- 359.457	2,202	25.02	468,387	6.30	>25th to 50th Percentile
359.666 -- 928.114	2,204	25.05	1,311,274	17.63	>50th to 75th Percentile
932.438 -- 2306.545	1,311	14.90	1,795,537	24.15	>75th to 90th Percentile
2314.313 -- 10158.18	877	9.97	3,630,377	48.82	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.685	894	10.16	138,482	1.86	Minimum to 10th Percentile
41.120 -- 100.851	1,305	14.83	88,494	1.19	>10th to 25th Percentile
102.571 -- 353.668	2,201	25.01	463,126	6.23	>25th to 50th Percentile
354.765 -- 937.382	2,230	25.34	1,328,022	17.86	>50th to 75th Percentile
938.662 -- 2284.805	1,290	14.66	1,769,990	23.80	>75th to 90th Percentile
2323.090 -- 10245.13	880	10.00	3,647,642	49.06	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.737	902	10.25	128,388	1.73	Minimum to 10th Percentile
41.191 -- 104.009	1,291	14.67	88,278	1.19	>10th to 25th Percentile
104.565 -- 353.462	2,217	25.19	470,188	6.32	>25th to 50th Percentile
354.422 -- 938.487	2,215	25.17	1,321,771	17.78	>50th to 75th Percentile
940.149 -- 2313.319	1,301	14.78	1,787,504	24.04	>75th to 90th Percentile
2323.596 -- 10156.65	874	9.93	3,639,626	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 43.125	884	10.05	145,297	1.95	Minimum to 10th Percentile
43.552 -- 103.500	1,316	14.95	89,613	1.21	>10th to 25th Percentile
103.745 -- 351.605	2,203	25.03	466,083	6.27	>25th to 50th Percentile
354.004 -- 943.413	2,225	25.28	1,325,598	17.83	>50th to 75th Percentile
943.733 -- 2258.878	1,293	14.69	1,771,031	23.82	>75th to 90th Percentile
2262.261 -- 10172.24	879	9.99	3,638,133	48.93	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.337	917	10.42	145,380	1.96	Minimum to 10th Percentile
42.210 -- 100.969	1,283	14.58	87,632	1.18	>10th to 25th Percentile
102.064 -- 352.660	2,207	25.08	465,701	6.26	>25th to 50th Percentile
353.080 -- 939.338	2,199	24.99	1,302,208	17.51	>50th to 75th Percentile
940.079 -- 2280.660	1,316	14.95	1,794,377	24.13	>75th to 90th Percentile
2282.936 -- 10305.45	878	9.98	3,640,457	48.96	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.710	920	10.45	159,750	2.15	Minimum to 10th Percentile
41.158 -- 101.561	1,273	14.47	86,406	1.16	>10th to 25th Percentile
102.557 -- 352.427	2,208	25.09	465,100	6.25	>25th to 50th Percentile
353.513 -- 943.452	2,039	23.17	1,150,497	15.47	>50th to 75th Percentile
947.622 -- 2233.686	1,480	16.82	1,938,566	26.07	>75th to 90th Percentile
2254.561 -- 10180.79	880	10.00	3,635,436	48.89	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.681	901	10.24	130,989	1.76	Minimum to 10th Percentile
41.803 -- 104.271	1,299	14.76	89,293	1.20	>10th to 25th Percentile
104.925 -- 354.023	2,204	25.05	468,283	6.30	>25th to 50th Percentile
354.767 -- 925.438	2,009	22.83	1,129,046	15.18	>50th to 75th Percentile
926.707 -- 2294.404	1,507	17.13	1,971,039	26.51	>75th to 90th Percentile
2298.336 -- 10160.59	880	10.00	3,647,106	49.05	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.131	886	10.07	162,554	2.19	Minimum to 10th Percentile
41.898 -- 101.169	1,318	14.98	88,187	1.19	>10th to 25th Percentile
102.111 -- 351.868	2,212	25.14	465,895	6.27	>25th to 50th Percentile
353.624 -- 934.511	2,037	23.15	1,154,987	15.53	>50th to 75th Percentile
935.601 -- 2251.229	1,469	16.69	1,930,179	25.96	>75th to 90th Percentile
2257.700 -- 10217.21	878	9.98	3,633,954	48.87	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.611	890	10.11	132,224	1.78	Minimum to 10th Percentile
42.131 -- 100.271	1,310	14.89	87,901	1.18	>10th to 25th Percentile
100.776 -- 348.914	2,202	25.02	463,357	6.23	>25th to 50th Percentile
349.583 -- 944.439	2,040	23.18	1,151,892	15.49	>50th to 75th Percentile
945.552 -- 2303.138	1,480	16.82	1,950,615	26.23	>75th to 90th Percentile
2316.336 -- 10183.54	878	9.98	3,649,768	49.08	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.004	887	10.08	116,780	1.57	Minimum to 10th Percentile
42.204 -- 105.160	1,312	14.91	89,587	1.20	>10th to 25th Percentile
105.510 -- 353.193	2,205	25.06	468,412	6.30	>25th to 50th Percentile
353.834 -- 942.347	2,199	24.99	1,308,187	17.59	>50th to 75th Percentile
942.992 -- 2281.247	1,317	14.97	1,801,389	24.23	>75th to 90th Percentile
2308.986 -- 10227.63	880	10.00	3,651,400	49.11	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.709	905	10.28	117,466	1.58	Minimum to 10th Percentile
42.242 -- 104.173	1,293	14.69	89,622	1.21	>10th to 25th Percentile
104.968 -- 352.053	2,206	25.07	471,707	6.34	>25th to 50th Percentile
352.298 -- 925.341	2,017	22.92	1,141,466	15.35	>50th to 75th Percentile
925.638 -- 2330.401	1,499	17.03	1,968,210	26.47	>75th to 90th Percentile
2331.924 -- 10230.02	880	10.00	3,647,285	49.05	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.760	921	10.47	142,842	1.92	Minimum to 10th Percentile
42.245 -- 103.263	1,276	14.50	86,969	1.17	>10th to 25th Percentile
103.987 -- 349.990	2,203	25.03	461,924	6.21	>25th to 50th Percentile
351.235 -- 934.498	2,221	25.24	1,318,541	17.73	>50th to 75th Percentile
937.533 -- 2313.394	1,302	14.80	1,783,590	23.99	>75th to 90th Percentile
2326.308 -- 10240.30	877	9.97	3,641,890	48.98	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.540	899	10.22	156,695	2.11	Minimum to 10th Percentile
41.263 -- 105.281	1,303	14.81	88,595	1.19	>10th to 25th Percentile
105.747 -- 350.721	2,201	25.01	464,223	6.24	>25th to 50th Percentile
352.826 -- 936.131	2,035	23.13	1,151,070	15.48	>50th to 75th Percentile
937.876 -- 2284.565	1,484	16.86	1,945,912	26.17	>75th to 90th Percentile
2292.312 -- 10403.59	878	9.98	3,629,262	48.81	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.216	887	10.08	114,770	1.54	Minimum to 10th Percentile
40.889 -- 103.363	1,317	14.97	88,966	1.20	>10th to 25th Percentile
103.583 -- 357.250	2,198	24.98	465,961	6.27	>25th to 50th Percentile
357.722 -- 925.799	2,012	22.86	1,135,456	15.27	>50th to 75th Percentile
928.733 -- 2312.944	1,510	17.16	1,984,746	26.69	>75th to 90th Percentile
2319.585 -- 10213.60	876	9.95	3,645,855	49.03	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 42.564	899	10.22	160,446	2.16	Minimum to 10th Percentile
43.189 -- 105.439	1,303	14.81	89,561	1.20	>10th to 25th Percentile
105.734 -- 357.072	2,205	25.06	469,709	6.32	>25th to 50th Percentile
357.547 -- 931.243	2,202	25.02	1,308,317	17.59	>50th to 75th Percentile
931.978 -- 2279.653	1,313	14.92	1,789,500	24.07	>75th to 90th Percentile
2291.223 -- 10295.08	878	9.98	3,618,223	48.66	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.504	894	10.16	135,985	1.83	Minimum to 10th Percentile
40.719 -- 103.671	1,305	14.83	89,453	1.20	>10th to 25th Percentile
104.636 -- 357.595	2,202	25.02	466,881	6.28	>25th to 50th Percentile
358.352 -- 928.229	2,026	23.02	1,142,264	15.36	>50th to 75th Percentile
930.514 -- 2299.525	1,497	17.01	1,969,296	26.48	>75th to 90th Percentile
2301.251 -- 10254.15	876	9.95	3,631,877	48.84	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.592	904	10.27	125,674	1.69	Minimum to 10th Percentile
41.856 -- 105.451	1,264	14.36	86,096	1.16	>10th to 25th Percentile
105.960 -- 359.996	2,242	25.48	471,871	6.35	>25th to 50th Percentile
360.778 -- 926.575	2,017	22.92	1,141,025	15.35	>50th to 75th Percentile
927.560 -- 2288.727	1,495	16.99	1,963,716	26.41	>75th to 90th Percentile
2302.017 -- 10187.96	878	9.98	3,647,374	49.05	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.571	885	10.06	158,389	2.13	Minimum to 10th Percentile
41.094 -- 102.328	1,316	14.95	89,582	1.20	>10th to 25th Percentile
103.129 -- 351.089	2,207	25.08	465,705	6.26	>25th to 50th Percentile
353.651 -- 940.742	2,042	23.20	1,155,379	15.54	>50th to 75th Percentile
943.881 -- 2254.617	1,470	16.70	1,927,215	25.92	>75th to 90th Percentile
2263.105 -- 10233.05	880	10.00	3,639,485	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.139	906	10.30	153,446	2.06	Minimum to 10th Percentile
41.641 -- 102.382	1,295	14.72	88,166	1.19	>10th to 25th Percentile
103.376 -- 351.876	2,201	25.01	464,291	6.24	>25th to 50th Percentile
352.734 -- 927.680	2,025	23.01	1,136,686	15.29	>50th to 75th Percentile
929.811 -- 2264.917	1,496	17.00	1,957,411	26.32	>75th to 90th Percentile
2296.313 -- 10193.78	877	9.97	3,635,757	48.90	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.392	909	10.33	147,101	1.98	Minimum to 10th Percentile
41.541 -- 104.147	1,290	14.66	88,122	1.19	>10th to 25th Percentile
104.582 -- 360.487	2,207	25.08	467,592	6.29	>25th to 50th Percentile
361.103 -- 941.317	2,206	25.07	1,310,127	17.62	>50th to 75th Percentile
943.143 -- 2279.584	1,309	14.88	1,783,031	23.98	>75th to 90th Percentile
2302.946 -- 10136.24	879	9.99	3,639,784	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.350	915	10.40	184,479	2.48	Minimum to 10th Percentile
41.677 -- 100.229	1,283	14.58	86,594	1.16	>10th to 25th Percentile
101.605 -- 349.178	2,204	25.05	461,356	6.20	>25th to 50th Percentile
349.345 -- 939.134	2,220	25.23	1,311,529	17.64	>50th to 75th Percentile
940.479 -- 2260.652	1,299	14.76	1,764,753	23.73	>75th to 90th Percentile
2268.559 -- 10255.68	879	9.99	3,627,046	48.78	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.388	925	10.51	167,180	2.25	Minimum to 10th Percentile
41.405 -- 103.078	1,278	14.52	87,156	1.17	>10th to 25th Percentile
104.566 -- 351.576	2,197	24.97	463,680	6.24	>25th to 50th Percentile
352.854 -- 941.206	2,215	25.17	1,313,799	17.67	>50th to 75th Percentile
943.205 -- 2261.486	1,305	14.83	1,776,041	23.89	>75th to 90th Percentile
2302.022 -- 10203.30	880	10.00	3,627,899	48.79	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.678	902	10.25	151,795	2.04	Minimum to 10th Percentile
41.241 -- 103.107	1,296	14.73	88,156	1.19	>10th to 25th Percentile
103.598 -- 355.343	2,207	25.08	465,270	6.26	>25th to 50th Percentile
355.606 -- 931.082	2,211	25.13	1,312,924	17.66	>50th to 75th Percentile
936.112 -- 2288.372	1,307	14.85	1,785,170	24.01	>75th to 90th Percentile
2301.454 -- 10163.34	877	9.97	3,632,441	48.85	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.906	914	10.39	166,469	2.24	Minimum to 10th Percentile
42.076 -- 101.465	1,289	14.65	88,496	1.19	>10th to 25th Percentile
101.906 -- 353.524	2,198	24.98	465,744	6.26	>25th to 50th Percentile
354.347 -- 944.292	2,047	23.26	1,159,927	15.60	>50th to 75th Percentile
944.532 -- 2272.633	1,472	16.73	1,930,323	25.96	>75th to 90th Percentile
2276.010 -- 10211.21	880	10.00	3,624,798	48.75	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.998	910	10.34	153,161	2.06	Minimum to 10th Percentile
41.321 -- 102.963	1,290	14.66	88,069	1.18	>10th to 25th Percentile
103.725 -- 350.965	2,201	25.01	464,845	6.25	>25th to 50th Percentile
352.579 -- 947.910	2,053	23.33	1,164,924	15.67	>50th to 75th Percentile
948.820 -- 2250.798	1,466	16.66	1,924,714	25.88	>75th to 90th Percentile
2257.903 -- 10280.34	880	10.00	3,640,042	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.325	899	10.22	126,000	1.69	Minimum to 10th Percentile
41.922 -- 104.095	1,302	14.80	88,932	1.20	>10th to 25th Percentile
104.836 -- 355.544	2,208	25.09	470,782	6.33	>25th to 50th Percentile
357.634 -- 929.219	2,014	22.89	1,136,595	15.29	>50th to 75th Percentile
929.737 -- 2315.391	1,497	17.01	1,963,010	26.40	>75th to 90th Percentile
2322.668 -- 10253.41	880	10.00	3,650,437	49.09	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.770	909	10.33	135,135	1.82	Minimum to 10th Percentile
41.885 -- 103.362	1,291	14.67	88,396	1.19	>10th to 25th Percentile
103.668 -- 358.311	2,220	25.23	474,043	6.38	>25th to 50th Percentile
359.471 -- 939.028	2,180	24.77	1,299,038	17.47	>50th to 75th Percentile
939.549 -- 2291.197	1,324	15.05	1,807,796	24.31	>75th to 90th Percentile
2299.268 -- 10181.57	876	9.95	3,631,349	48.84	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.247	885	10.06	151,585	2.04	Minimum to 10th Percentile
42.039 -- 100.176	1,322	15.02	88,945	1.20	>10th to 25th Percentile
101.649 -- 356.004	2,198	24.98	462,591	6.22	>25th to 50th Percentile
356.368 -- 930.092	2,193	24.92	1,292,636	17.38	>50th to 75th Percentile
931.710 -- 2299.266	1,322	15.02	1,794,189	24.13	>75th to 90th Percentile
2318.230 -- 10204.49	880	10.00	3,645,810	49.03	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.538	898	10.20	152,482	2.05	Minimum to 10th Percentile
41.546 -- 102.450	1,302	14.80	89,015	1.20	>10th to 25th Percentile
102.504 -- 357.039	2,210	25.11	468,661	6.30	>25th to 50th Percentile
357.637 -- 935.137	2,226	25.30	1,328,912	17.87	>50th to 75th Percentile
939.836 -- 2235.745	1,285	14.60	1,760,345	23.67	>75th to 90th Percentile
2270.943 -- 10132.84	879	9.99	3,636,341	48.90	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.743	906	10.30	160,242	2.16	Minimum to 10th Percentile
41.601 -- 105.391	1,293	14.69	88,469	1.19	>10th to 25th Percentile
105.989 -- 353.649	2,215	25.17	471,046	6.33	>25th to 50th Percentile
356.408 -- 929.111	2,188	24.86	1,298,122	17.46	>50th to 75th Percentile
930.125 -- 2306.669	1,322	15.02	1,800,016	24.21	>75th to 90th Percentile
2328.885 -- 10551.90	876	9.95	3,617,860	48.65	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.762	919	10.44	160,258	2.16	Minimum to 10th Percentile
41.163 -- 100.396	1,272	14.45	86,373	1.16	>10th to 25th Percentile
100.548 -- 351.489	2,216	25.18	466,334	6.27	>25th to 50th Percentile
352.346 -- 937.494	2,377	27.01	1,465,542	19.71	>50th to 75th Percentile
937.550 -- 2275.584	1,138	12.93	1,623,211	21.83	>75th to 90th Percentile
2276.599 -- 10185.24	878	9.98	3,634,038	48.87	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.711	905	10.28	136,752	1.84	Minimum to 10th Percentile
41.928 -- 104.831	1,290	14.66	88,651	1.19	>10th to 25th Percentile
105.620 -- 356.433	2,206	25.07	466,600	6.28	>25th to 50th Percentile
357.313 -- 929.886	2,003	22.76	1,120,997	15.08	>50th to 75th Percentile
931.525 -- 2334.063	1,518	17.25	1,981,893	26.65	>75th to 90th Percentile
2339.916 -- 10151.43	878	9.98	3,640,863	48.96	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.687	897	10.19	122,504	1.65	Minimum to 10th Percentile
40.779 -- 104.052	1,288	14.64	87,771	1.18	>10th to 25th Percentile
104.587 -- 355.537	2,223	25.26	471,003	6.33	>25th to 50th Percentile
356.156 -- 936.310	2,205	25.06	1,312,510	17.65	>50th to 75th Percentile
936.618 -- 2277.362	1,309	14.88	1,793,794	24.12	>75th to 90th Percentile
2284.783 -- 10159.59	878	9.98	3,648,174	49.06	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.101	909	10.33	143,386	1.93	Minimum to 10th Percentile
41.468 -- 101.886	1,290	14.66	87,943	1.18	>10th to 25th Percentile
102.580 -- 357.694	2,201	25.01	465,209	6.26	>25th to 50th Percentile
358.729 -- 933.465	2,206	25.07	1,307,729	17.59	>50th to 75th Percentile
935.006 -- 2246.067	1,314	14.93	1,788,587	24.05	>75th to 90th Percentile
2266.540 -- 10208.20	880	10.00	3,642,902	48.99	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.556	907	10.31	144,282	1.94	Minimum to 10th Percentile
42.013 -- 104.256	1,291	14.67	88,430	1.19	>10th to 25th Percentile
104.622 -- 354.564	2,211	25.13	470,450	6.33	>25th to 50th Percentile
355.185 -- 937.940	2,020	22.95	1,141,661	15.35	>50th to 75th Percentile
941.781 -- 2258.252	1,494	16.98	1,959,216	26.35	>75th to 90th Percentile
2273.078 -- 10135.57	877	9.97	3,631,717	48.84	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.363	905	10.28	124,922	1.68	Minimum to 10th Percentile
41.073 -- 102.777	1,293	14.69	88,456	1.19	>10th to 25th Percentile
103.867 -- 356.612	2,204	25.05	467,812	6.29	>25th to 50th Percentile
356.926 -- 921.430	2,016	22.91	1,137,453	15.30	>50th to 75th Percentile
921.696 -- 2308.704	1,502	17.07	1,969,316	26.48	>75th to 90th Percentile
2314.557 -- 10149.27	880	10.00	3,647,797	49.06	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.622	897	10.19	136,516	1.84	Minimum to 10th Percentile
41.012 -- 101.692	1,303	14.81	88,524	1.19	>10th to 25th Percentile
103.171 -- 355.289	2,200	25.00	464,256	6.24	>25th to 50th Percentile
356.419 -- 920.420	2,208	25.09	1,308,245	17.59	>50th to 75th Percentile
922.718 -- 2331.204	1,316	14.95	1,797,930	24.18	>75th to 90th Percentile
2335.049 -- 10254.33	876	9.95	3,640,284	48.96	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.486	883	10.03	130,734	1.76	Minimum to 10th Percentile
41.056 -- 102.912	1,313	14.92	89,372	1.20	>10th to 25th Percentile
103.604 -- 354.235	2,221	25.24	473,083	6.36	>25th to 50th Percentile
355.175 -- 938.179	2,221	25.24	1,332,566	17.92	>50th to 75th Percentile
939.104 -- 2284.885	1,283	14.58	1,760,040	23.67	>75th to 90th Percentile
2301.816 -- 10243.52	879	9.99	3,649,961	49.09	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.337	920	10.45	145,113	1.95	Minimum to 10th Percentile
41.990 -- 102.423	1,285	14.60	87,618	1.18	>10th to 25th Percentile
102.962 -- 353.686	2,198	24.98	463,866	6.24	>25th to 50th Percentile
354.294 -- 944.133	2,271	25.81	1,369,728	18.42	>50th to 75th Percentile
945.335 -- 2256.324	1,248	14.18	1,729,369	23.26	>75th to 90th Percentile
2292.210 -- 10151.81	878	9.98	3,640,061	48.95	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.683	899	10.22	150,570	2.02	Minimum to 10th Percentile
41.313 -- 103.130	1,299	14.76	87,946	1.18	>10th to 25th Percentile
103.705 -- 352.618	2,203	25.03	463,223	6.23	>25th to 50th Percentile
354.752 -- 939.162	2,232	25.36	1,329,041	17.87	>50th to 75th Percentile
940.309 -- 2244.018	1,287	14.63	1,762,379	23.70	>75th to 90th Percentile
2263.191 -- 10243.88	880	10.00	3,642,597	48.99	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.787	936	10.64	163,095	2.19	Minimum to 10th Percentile
40.949 -- 99.384	1,260	14.32	85,219	1.15	>10th to 25th Percentile
99.629 -- 356.411	2,208	25.09	460,537	6.19	>25th to 50th Percentile
356.602 -- 938.212	2,205	25.06	1,301,376	17.50	>50th to 75th Percentile
941.527 -- 2330.396	1,312	14.91	1,788,682	24.06	>75th to 90th Percentile
2336.066 -- 10199.38	879	9.99	3,636,846	48.91	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.311	904	10.27	169,109	2.27	Minimum to 10th Percentile
41.703 -- 102.456	1,297	14.74	88,332	1.19	>10th to 25th Percentile
103.123 -- 354.593	2,202	25.02	464,779	6.25	>25th to 50th Percentile
355.707 -- 930.371	2,030	23.07	1,144,327	15.39	>50th to 75th Percentile
930.534 -- 2299.655	1,487	16.90	1,945,323	26.16	>75th to 90th Percentile
2304.599 -- 9918.540	880	10.00	3,623,886	48.74	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.831	920	10.45	100,317	1.35	Minimum to 10th Percentile
42.239 -- 102.352	1,280	14.55	87,760	1.18	>10th to 25th Percentile
102.762 -- 358.405	2,214	25.16	471,375	6.34	>25th to 50th Percentile
360.554 -- 924.954	1,996	22.68	1,130,153	15.20	>50th to 75th Percentile
928.520 -- 2337.376	1,510	17.16	1,985,549	26.70	>75th to 90th Percentile
2349.263 -- 10158.21	880	10.00	3,660,603	49.23	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 41.162	905	10.28	138,037	1.86	Minimum to 10th Percentile
41.290 -- 103.647	1,285	14.60	87,727	1.18	>10th to 25th Percentile
104.992 -- 353.792	2,222	25.25	471,203	6.34	>25th to 50th Percentile
354.709 -- 937.110	2,207	25.08	1,316,182	17.70	>50th to 75th Percentile
938.650 -- 2262.185	1,304	14.82	1,786,253	24.02	>75th to 90th Percentile
2262.966 -- 10266.23	877	9.97	3,636,354	48.90	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.649	915	10.40	147,999	1.99	Minimum to 10th Percentile
41.189 -- 102.484	1,288	14.64	87,857	1.18	>10th to 25th Percentile
103.276 -- 351.417	2,203	25.03	464,992	6.25	>25th to 50th Percentile
352.494 -- 932.329	2,032	23.09	1,146,641	15.42	>50th to 75th Percentile
932.559 -- 2319.000	1,488	16.91	1,956,075	26.31	>75th to 90th Percentile
2338.682 -- 10345.32	874	9.93	3,632,191	48.85	>90th to 100th Percentile

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

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
0.000 -- 40.733	910	10.34	164,381	2.21	Minimum to 10th Percentile
41.279 -- 100.455	1,289	14.65	87,678	1.18	>10th to 25th Percentile
100.761 -- 350.028	2,207	25.08	464,040	6.24	>25th to 50th Percentile
350.263 -- 931.299	2,045	23.24	1,155,571	15.54	>50th to 75th Percentile
934.660 -- 2307.142	1,470	16.70	1,931,450	25.98	>75th to 90th Percentile
2319.644 -- 10230.41	879	9.99	3,632,636	48.85	>90th to 100th Percentile

**FWRWT -
Final quarterly weight**

Value	Unweighted Count	Unweighted Percent	Weighted Count	Weighted Percent	Formatted Value
14.085 -- 44.815	929	10.56	28,731	0.39	Minimum to 10th Percentile
45.120 -- 112.345	1,310	14.89	99,417	1.34	>10th to 25th Percentile
112.649 -- 359.129	2,162	24.57	482,503	6.49	>25th to 50th Percentile
359.694 -- 925.081	2,364	26.86	1,482,829	19.94	>50th to 75th Percentile
926.789 -- 2318.968	1,158	13.16	1,679,628	22.59	>75th to 90th Percentile
2328.530 -- 10048.57	877	9.97	3,662,647	49.26	>90th to 100th Percentile

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

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: 2019 Adult Sampling Report." Report submitted to the TRICARE Management Activity. Washington, DC: 2018.
- Research Triangle Institute (2001). SUDAAN User's Manual, Release 8.0 Research Triangle Park, NC: Research Triangle Institute.
- SAS Institute Inc. (1999), SAS/STAT User's Guide, Version 8, Cary, NC: SAS Institute Inc.
- SAS Institute Inc. (2004), SAS/STAT User's Guide, Version 9, Cary, NC: SAS Institute Inc.
- U.S. Department of Health and Human Services. CAHPS® Survey and Reporting Kit. Rockville, MD 2002.
- Wolter, Kirk M. *Introduction of Variance Estimation*. New York: Springer-Verlag. 1985.
- Woodruff, R.S. "A Simple Method for Approximating the Variance of a Complicated Estimate." *Journal of the American Statistical Association*, 1971.

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

APPENDIX A

ANNOTATED QUESTIONNAIRE – QUARTER I

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



Health Care Survey of DoD Beneficiaries

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

October 2018

PAGE IS INTENTIONALLY LEFT BLANK TO ALLOW FOR DOUBLE-SIDED COPYING

**Military Health Care Survey:
Adult Questionnaire
October 2018**

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: H19001

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:** H19002A, H19002C, H19002F-H19002V**Editing notes:** None**Military Health Plans**

Response	Variable Name	Percent Marked
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)	H19002A	44.2%
TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS))	H19002C	11.7%
TRICARE Plus	H19002N	0.8%
TRICARE for Life	H19002O	32.4%
TRICARE Supplemental Insurance	H19002P	0.5%
TRICARE Reserve Select	H19002Q	3.4%
TRICARE Retired Reserve	H19002S	1.2%
TRICARE Young Adult Prime	H19002T	0.6%
TRICARE Young Adult Extra or Standard	H19002V	0.6%
Uniformed Services Family Health Plan (USFHP)	H19002K	1.8%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)	H19002U	0.0%

Other Health Plans

Response	Variable Name	Percent Marked
Medicare (may include TRICARE for Life)	H19002F	30.3%
Federal Employees Health Benefit Program (FEHBP)	H19002G	2.3%
Medicaid	H19002H	0.9%
A civilian HMO (such as Kaiser)	H19002I	1.1%
Other civilian health insurance (such as Blue Cross)	H19002J	6.0%
The Veterans Administration (VA)	H19002M	7.8%
Government health insurance from a country other than the U.S.	H19002R	0.1%
Not sure	H19002L	5.6%

Question 3: Which health plan did you use for all or most of your healthcare in the last 12 months?**MARK ONLY ONE ANSWER****Variable name:** H19003**Editing notes:** See Note 1 and Note 1_BQ1

Response	Directions	Value	Percent
TRICARE Prime (including most Active Duty, TRICARE Prime Remote, and TRICARE Overseas)		1	41.6%
TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS))		3	8.4%
TRICARE Plus		11	0.5%
TRICARE for Life		18	8.3%
TRICARE Supplemental Insurance		19	0.1%
TRICARE Reserve Select		12	3.1%
TRICARE Retired Reserve		14	0.5%
TRICARE Young Adult Prime		15	0.5%
TRICARE Young Adult Extra or Standard		17	0.4%
Uniformed Services Family Health Plan (USFHP)		9	1.4%
Continued Health Care Benefit Program (CHCBP) (a COBRA-like premium-based health care program)		16	0.0%
Medicare (may include TRICARE for Life)		4	21.6%
Federal Employees Health Benefit Program (FEHBP)		5	1.4%
Medicaid		6	0.2%
A civilian HMO (such as Kaiser)		7	0.9%
Other civilian health insurance (such as Blue Cross)		8	4.1%
The Veterans Administration (VA)		10	3.9%
Government health insurance from a country other than the U.S.		13	0.1%
Not sure	Go to Question 8	-5	3.1%
Did not use any health plan in the last 12 months	Go to Question 8	-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:** H19004**Editing notes:** See Note 1

Response	Value	Percent
Less than 6 months	1	1.6%
At least 6 months but less than 12 months	2	4.5%
At least 12 months but less than 24 months	3	7.8%
At least 2 years but less than 5 years	4	18.6%
At least 5 years but less than 10 years	5	21.2%
10 or more years	6	46.3%

Question 5: Do you plan to continue to use the same health plan as of January 1, 2019 (for calendar year 2019)?

Variable name: S19BQ01

Editing notes: See Note 1 and Note 1_BQ1

Response	Directions	Value	Percent
Yes	Go to Question 8	1	91.8%
No		2	4.5%
Don't know	Go to Question 8	-5	3.6%

Question 6: Below is a list of reasons why some people switch their health insurance plan. Please mark if the statement was a reason you decided not to continue using the same plan for calendar year 2019.

Variable names: S19BQ02A-S19BQ02L

Editing notes: See Note 1 and Note 1_BQ1

Response	Variable Name	Value Yes	Value No	Percent Yes	Percent No
Life event (such as marriage/divorce), new jobs, retirement, or moved	S19BQ02A	1	2	40.3%	59.7%
My employer offered new health plans	S19BQ02B	1	2	7.7%	92.3%
Your or your family's health needs changed	S19BQ02C	1	2	3.0%	97.0%
I had expensive medical bills for services not covered by my insurance	S19BQ02D	1	2	3.2%	96.8%
You wanted a plan with a lower annual deductible	S19BQ02E	1	2	3.3%	96.7%
My doctor charged me more than my insurance would pay and I had to pay the difference	S19BQ02F	1	2	4.0%	96.0%
A doctor's office told me they do not accept my insurance	S19BQ02G	1	2	4.0%	96.0%
I had to contact my insurance company because they did not pay a bill promptly or denied payment	S19BQ02H	1	2	3.5%	96.5%
My copays (a fixed dollar amount for primary or specialty care visits) were more than I could afford	S19BQ02I	1	2	2.4%	97.6%
I didn't have enough doctors to choose from within the network	S19BQ02J	1	2	7.1%	92.9%
My premiums or enrollment fees were more than I could afford	S19BQ02K	1	2	1.5%	98.5%
Other	S19BQ02L	1	2	24.6%	75.4%

Question 7: What health plan will you be covered by and use for calendar year 2019?

MARK ALL THAT APPLY

Variable names: S19BQ03A-S19BQ03K

Editing notes: See Note 1, Note 1_BQ1, and Note 1_BQ2

Military Health Plans

Response	Variable Name	Percent Marked
TRICARE Prime	S19BQ03A	15.1%
TRICARE Select	S19BQ03B	18.6%
US Family Health Plan (USFHP)	S19BQ03C	4.7%
Veterans Administration (VA)	S19BQ03D	4.5%
The Federal Employee Health Benefits Plan (FEHBP)	S19BQ03E	2.5%
Medicare and TRICARE for Life	S19BQ03F	22.0%
Medicaid	S19BQ03G	0.2%
Other civilian insurance coverage	S19BQ03H	14.1%
Space available care at a military facility	S19BQ03I	0.0%
Don't know	S19BQ03J	5.8%
No insurance coverage	S19BQ03K	2.6%

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 8: In the last 12 months, where did you go most often for your health care?

MARK ONLY ONE ANSWER

Variable name: H19005

Editing notes: None

Response	Value	Percent
A military facility – This includes: Military clinic Military hospital PRIMUS clinic NAVCARE clinic	1	35.6%
A civilian facility – This includes: Doctor’s office Clinic Hospital Civilian TRICARE contractor	2	56.2%
Uniformed Services Family Health Plan facility (USFHP)	3	0.9%
Veterans Affairs (VA) clinic or hospital	4	5.1%
I went to none of the listed types of facilities in the last 12 months	5	2.2%

Question 9: 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: H19006

Editing notes: See Note 2

Response	Directions	Value	Percent
Yes		1	43.2%
No	Go to Question 12	2	56.8%

Question 10: In the last 12 months, when you needed care right away, how often did you get care as soon as you needed?

Variable name: H19007

Editing notes: See Note 2

Response	Value	Percent
Never	1	2.2%
Sometimes	2	11.4%
Usually	3	18.7%
Always	4	67.6%
I didn’t need care right away for an illness, injury or condition in the last 12 months	-6	

Question 11: 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: H19008

Editing notes: See Note 2

Response	Value	Percent
Same day	1	64.1%
1 day	2	10.9%
2 days	3	6.7%
3 days	4	3.9%
4-7 days	5	6.4%
8-14 days	6	3.2%
15 days or longer	7	4.9%
I didn't need care right away for an illness, injury or condition in the last 12 months	-6	

Question 12: In the last 12 months, not counting the times you needed health care right away, did you make any appointments for your health care at a doctor's office or clinic?

Variable name: H19009

Editing notes: See Note 3

Response	Directions	Value	Percent
Yes		1	88.3%
No	Go to Question 15	2	11.7%

Question 13: 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: H19010

Editing notes: See Note 3

Response	Value	Percent
Never	1	2.8%
Sometimes	2	17.1%
Usually	3	26.9%
Always	4	53.2%
I had no appointments in the last 12 months	-6	

Question 14: 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: H19011

Editing notes: See Note 3

Response	Value	Percent
Same day	1	8.4%
1 day	2	8.6%
2-3 days	3	21.5%
4-7 days	4	22.8%
8-14 days	5	17.9%
15-30 days	6	14.6%
31 days or longer	7	6.1%
I had no appointments in the last 12 months	-6	

Question 15: In the last 12 months, how many times did you go to an emergency room to get care for yourself?

Variable name: H19012

Editing notes: None

Response	Value	Percent
None	1	72.9%
1	2	16.9%
2	3	6.6%
3	4	2.0%
4	5	1.0%
5 to 9	6	0.5%
10 or more	7	0.2%

Question 16: 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: H19013

Editing notes: See Note 4

Response	Directions	Value	Percent
None	Go to Question 21	1	10.3%
1		2	11.0%
2		3	16.4%
3		4	16.1%
4		5	15.4%
5 to 9		6	21.3%
10 or more		7	9.5%

Question 17: 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: H19014

Editing notes: See Note 4

Response	Value	Percent
Never	1	12.3%
Sometimes	2	26.9%
Usually	3	27.6%
Always	4	33.2%

Question 18: 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: H19015

Editing notes: See Notes 4 and 5

Response	Directions	Value	Percent
Yes		1	60.6%
No	Go to Question 21	2	39.4%

Question 19: 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: H19016

Editing notes: See Notes 4 and 5

Response	Value	Percent
Definitely yes	1	68.2%
Somewhat yes	2	27.0%
Somewhat no	3	3.7%
Definitely no	4	1.2%

Question 20: 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: H19017

Editing notes: See Notes 4 and 5

Response	Value	Percent
Definitely yes	1	59.9%
Somewhat yes	2	30.9%
Somewhat no	3	6.2%
Definitely no	4	3.0%

Question 21: 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: H19018

Editing notes: See Note 4

Response	Value	Percent
0 – Worst health care possible	0	0.5%
1	1	0.3%
2	2	1.1%
3	3	1.4%
4	4	2.2%
5	5	5.4%
6	6	5.1%
7	7	11.1%
8	8	18.3%
9	9	21.9%
10 – Best health care possible	10	32.8%
I had no visits in the last 12 months	-6	

Question 22: In the last 12 months, how often was it easy to get the care, tests, or treatment you needed?

Variable name: H19033

Editing notes: See Note 4

Response	Value	Percent
Never	1	2.6%
Sometimes	2	14.3%
Usually	3	32.3%
Always	4	50.8%

YOUR PERSONAL DOCTOR

Question 23: 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: H19019

Editing notes: See Note 6

Response	Directions	Value	Percent
Yes		1	78.9%
No	Go to Question 33	2	21.1%

Question 24: In the last 12 months, how many times did you visit your personal doctor to get care for yourself?

Variable name: H19020

Editing notes: See Notes 6 and 7

Response	Directions	Value	Percent
None	Go to Question 31	0	7.6%
1		1	19.8%
2		2	27.7%
3		3	17.7%
4		4	13.3%
5 to 9		5	11.8%
10 or more		6	2.2%

Question 25: In the last 12 months, how often did your personal doctor listen carefully to you?

Variable name: H19021

Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	1.1%
Sometimes	2	6.0%
Usually	3	16.4%
Always	4	76.5%
I had no visits in the last 12 months	-6	

Question 26: In the last 12 months, how often did your personal doctor explain things in a way that was easy to understand?

Variable name: H19022

Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	0.8%
Sometimes	2	4.1%
Usually	3	17.2%
Always	4	78.0%
I had no visits in the last 12 months	-6	

Question 27: In the last 12 months, how often did your personal doctor show respect for what you had to say?

Variable name: H19023

Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	1.1%
Sometimes	2	4.6%
Usually	3	13.0%
Always	4	81.3%
I had no visits in the last 12 months	-6	

Question 28: In the last 12 months, how often did your personal doctor spend enough time with you?

Variable name: H19024

Editing notes: See Notes 6 and 7

Response	Value	Percent
Never	1	1.8%
Sometimes	2	6.9%
Usually	3	22.8%
Always	4	68.5%
I had no visits in the last 12 months	-6	

Question 29: In the last 12 months, did you get care from a doctor or other health provider besides your personal doctor?

Variable name: H19025

Editing notes: See Notes 6, 7, and 8

Response	Directions	Value	Percent
Yes		1	78.4%
No	Go to Question 31	2	21.6%

Question 30: 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: H19026

Editing notes: See Notes 6, 7, and 8

Response	Value	Percent
Never	1	7.1%
Sometimes	2	12.3%
Usually	3	31.7%
Always	4	49.0%

Question 31: 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: H19027

Editing notes: See Note 6

Response	Value	Percent
0 – Worst personal doctor possible	0	0.7%
1	1	0.4%
2	2	0.7%
3	3	1.1%
4	4	1.4%
5	5	3.8%
6	6	3.1%
7	7	7.5%
8	8	14.2%
9	9	24.0%
10 – Best personal doctor possible	10	43.0%
I don't have a personal doctor	-6	

Question 32: Did you have the same personal doctor before you joined this health plan?

Variable name: S19009

Editing notes: See Notes 6 and 8_01

Response	Directions	Value	Percent
Yes	Go to Question 34	1	32.9%
No		2	67.1%

Question 33: 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: S19010

Editing notes: See Note 8_01

Response	Value	Percent
A big problem	1	11.9%
A small problem	2	23.5%
Not a problem	3	64.5%

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 34: 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: H19028

Editing notes: See Note 9

Response	Directions	Value	Percent
Yes		1	63.8%
No	Go to Question 38	2	36.2%

Question 35: In the last 12 months, how often did you get an appointment to see a specialist as soon as you needed?

Variable name: H19029

Editing notes: See Note 9

Response	Value	Percent
Never	1	5.4%
Sometimes	2	14.4%
Usually	3	29.3%
Always	4	51.0%
I didn't need a specialist in the last 12 months	-6	

Question 36: How many specialists have you seen in the last 12 months?

Variable name: H19030

Editing notes: See Notes 9 and 10

Response	Directions	Value	Percent
None	Go to Question 38	0	2.8%
1 specialist		1	38.4%
2		2	32.5%
3		3	16.7%
4		4	5.9%
5 or more specialists		5	3.6%

Question 37: 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: H19031

Editing notes: See Notes 9 and 10

Response	Value	Percent
0 – Worst specialist possible	0	0.5%
1	1	0.3%
2	2	0.7%
3	3	0.6%
4	4	1.1%
5	5	3.6%
6	6	3.4%
7	7	7.1%
8	8	14.1%
9	9	24.6%
10 – Best specialist possible	10	44.1%
I didn't see a specialist 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 38: 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: H19034

Editing notes: See Note 12

Response	Directions	Value	Percent
Yes		1	32.9%
No	Go to Question 40	2	67.1%

Question 39: 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: H19035

Editing notes: See Note 12

Response	Value	Percent
Never	1	4.6%
Sometimes	2	29.6%
Usually	3	42.0%
Always	4	23.7%
I didn't look for information from my health plan in the last 12 months	-6	

Question 40: 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: H19036

Editing notes: See Note 13

Response	Directions	Value	Percent
Yes		1	17.6%
No	Go to Question 42	2	82.4%

Question 41: 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: H19037

Editing notes: See Note 13

Response	Value	Percent
Never	1	14.3%
Sometimes	2	23.9%
Usually	3	31.8%
Always	4	30.0%
I didn't need a health care service or equipment from my health plan in the last 12 months	-6	

Question 42: 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: H19038

Editing notes: See Note 14

Response	Directions	Value	Percent
Yes		1	20.5%
No	Go to Question 44	2	79.5%

Question 43: 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: H19039

Editing notes: See Note 14

Response	Value	Percent
Never	1	11.5%
Sometimes	2	22.0%
Usually	3	27.6%
Always	4	38.8%
I didn't need prescription medications from my health plan in the last 12 months	-6	

Question 44: In the last 12 months, did you try to get information or help from your health plan's customer service?

Variable name: H19040

Editing notes: See Note 15

Response	Directions	Value	Percent
Yes		1	26.6%
No	Go to Question 47	2	73.4%

Question 45: In the last 12 months, how often did your health plan's customer service give you the information or help you needed?

Variable name: H19041

Editing notes: See Note 15

Response	Value	Percent
Never	1	7.3%
Sometimes	2	21.6%
Usually	3	28.2%
Always	4	42.9%
I didn't call my health plan's customer service in the last 12 months	-6	

Question 46: In the last 12 months, how often did your health plan’s customer service staff treat you with courtesy and respect?

Variable name: H19042

Editing notes: See Note 15

Response	Value	Percent
Never	1	2.5%
Sometimes	2	7.5%
Usually	3	21.5%
Always	4	68.5%
I didn’t call my health plan’s customer service in the last 12 months	-6	

Question 47: In the last 12 months, did your health plan give you any forms to fill out?

Variable name: H19043

Editing notes: See Note 16

Response	Directions	Value	Percent
Yes		1	20.6%
No	Go to Question 49	2	79.4%

Question 48: In the last 12 months, how often were the forms from your health plan easy to fill out?

Variable name: H19044

Editing notes: See Note 16

Response	Value	Percent
Never	1	3.6%
Sometimes	2	11.2%
Usually	3	43.4%
Always	4	41.7%
I didn’t have any experiences with paperwork for my health plan in the last 12 months	-6	

Question 49: 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: H19045

Editing notes: See Note 17

Response	Directions	Value	Percent
Yes		1	47.5%
No	Go to Question 52	2	33.2%
Don’t know	Go to Question 52	-5	19.4%

Question 50: In the last 12 months, how often did your health plan handle your claims quickly?

Variable name: H19046

Editing notes: See Note 17

Response	Value	Percent
Never	1	3.4%
Sometimes	2	7.5%
Usually	3	29.6%
Always	4	44.8%
Don't know	-5	14.6%
No claims were sent for me in the last 12 months	-6	

Question 51: In the last 12 months, how often did your health plan handle your claims correctly?

Variable name: H19047

Editing notes: See Note 17

Response	Value	Percent
Never	1	1.4%
Sometimes	2	8.0%
Usually	3	25.7%
Always	4	50.9%
Don't know	-5	14.0%
No claims were sent for me in the last 12 months	-6	

Question 52: 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: H19048

Editing notes: None

Response	Value	Percent
0 – Worst health plan possible	0	0.6%
1	1	0.4%
2	2	0.8%
3	3	1.5%
4	4	1.7%
5	5	6.4%
6	6	5.3%
7	7	11.3%
8	8	17.5%
9	9	21.3%
10 – Best health plan possible	10	33.1%

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 53: When did you last have a blood pressure reading?

Variable name: H19049

Editing notes: None

Response	Value	Percent
Less than 12 months ago	3	95.0%
1 to 2 years ago	2	3.4%
More than 2 years ago	1	1.6%

Question 54: Do you know if your blood pressure is too high?

Variable name: H19050

Editing notes: None

Response	Value	Percent
Yes, it is too high	1	17.3%
No, it is not too high	2	78.2%
Don't know	3	4.5%

Question 55: When did you last have a flu shot?

Variable name: H19051

Editing notes: None

Response	Value	Percent
Less than 12 months ago	4	69.0%
1 to 2 years ago	3	13.3%
More than 2 years ago	2	10.7%
Never had a flu shot	1	7.1%

Question 56: Have you ever smoked at least 100 cigarettes in your entire life?

Variable name: H19052

Editing notes: None

Response	Value	Percent
Yes	1	32.6%
No	2	65.3%
Don't know	-5	2.0%

Question 57: Do you now smoke cigarettes or use tobacco every day, some days or not at all?

Variable name: H19053

Editing notes: See Note 18

Response	Directions	Value	Percent
Every day		4	5.5%
Some days		3	4.6%
Not at all	Go to Question 62	2	89.6%
Don't know	Go to Question 62	-5	0.4%

Question 58: 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: H19054

Editing notes: See Note 18

Response	Value	Percent
Never	1	19.9%
Sometimes	2	20.1%
Usually	3	19.8%
Always	4	40.1%

Question 59: 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: H19055

Editing notes: See Note 18

Response	Value	Percent
Never	1	45.4%
Sometimes	2	23.1%
Usually	3	14.9%
Always	4	16.6%

Question 60: 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: H19056

Editing notes: See Note 18

Response	Value	Percent
Never	1	45.2%
Sometimes	2	24.6%
Usually	3	14.7%
Always	4	15.5%

Question 61: On the days you smoke or use tobacco products, what type of product do you smoke or use?

MARK ALL THAT APPLY

Variable names: H19057A-H19057D

Editing notes: See Note 18

Response	Variable Name	Percent Marked
Cigarettes	H19057A	58.5%
Dip, chewing tobacco, snuff or snus	H19057B	21.6%
Cigars	H19057C	12.1%
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.)	H19057D	5.2%

Question 62: Do you now use electronic cigarettes every day, some days, or not at all?

Variable name: S19BF4

Editing notes: None

Response	Value	Percent
Every day	1	1.5%
Some days	2	2.1%
Not at all	3	96.0%
Don't know	-5	0.4%

Question 63: Are you male or female?

Variable name: H19058

Editing notes: See Note 19A

Response	Directions	Value	Percent
Male	Go to Question 70	1	50.9%
Female		2	49.1%

Question 64: When did you last have a Pap smear test?

Variable name: H19059B

Editing notes: See Notes 19A and 19B

Response	Value	Percent
Within the last 12 months	6	33.6%
1 to 2 years ago	5	22.0%
More than 2 but less than 3 years ago	4	10.7%
More than 3 but less than 5 years ago	3	8.8%
5 or more years ago	2	18.1%
Never had a pap smear test	1	6.8%

Question 65: Are you under age 40?**Variable name:** H19060**Editing notes:** See Notes 19A, 19B, and 20

Response	Directions	Value	Percent
Yes	Go to Question 67	1	36.8%
No		2	63.2%

Question 66: When was the last time your breasts were checked by mammography?**Variable name:** H19061**Editing notes:** See Notes 19A, 19B, and 20

Response	Value	Percent
Within the last 12 months	5	63.6%
1 to 2 years ago	4	17.4%
More than 2 but less than 5 years ago	3	8.4%
5 or more years ago	2	7.1%
Never had a mammogram	1	3.5%

Question 67: Have you been pregnant in the last 12 months or are you pregnant now?**Variable name:** H19062**Editing notes:** See Notes 19A, 19B, and 21

Response	Directions	Value	Percent
Yes, I am currently pregnant		1	2.7%
No, I am not currently pregnant, but have been pregnant in the past 12 months	Go to Question 69	2	4.5%
No, I am not currently pregnant, and have not been pregnant in the past 12 months	Go to Question 70	3	92.8%

Question 68: In what trimester is your pregnancy?**Variable name:** H19063**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 70	1	18.1%
Second trimester (13 th through 27 th week)		2	48.8%
Third trimester (28 th week until delivery)		3	33.1%

Question 69: In which trimester did you first receive prenatal care?**Variable name:** H19064**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	87.2%
Second trimester (13 th through 27 th week)	3	7.4%
Third trimester (28 th week until delivery)	2	3.1%
Did not receive prenatal care	1	2.3%

ABOUT YOU

Question 70: Would you say that in general your health is excellent, very good, good, fair, or poor?

Variable name: H19065

Editing notes: None

Response	Value	Percent
Excellent	5	15.9%
Very good	4	37.6%
Good	3	33.6%
Fair	2	10.4%
Poor	1	2.5%

Question 71: Would you say that in general your mental or emotional health is excellent, very good, fair or poor?

Variable name: S19B01

Editing notes: None

Response	Value	Percent
Excellent	1	32.6%
Very good	2	32.6%
Good	3	24.3%
Fair	4	8.6%
Poor	5	1.9%

Question 72: How tall are you without your shoes on? Please give your answer in feet and inches.

Variable name: H19071F, H19071I

Editing notes: See Note 23_HT

Response	Example feet	Example inches	Percent of responses
Please give your answer in feet and inches. Please write one number in each box.	5	06	95.2%

Question 73: How much do you weigh without your shoes on? Please give your answer in pounds.

Variable name: H19072

Editing notes: See Note 23_WT

Response	Example pounds	Percent of responses
Please give your answer in pounds. Please write one number in each box.	152	94.3%

Question 74: 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	0.2%
Some high school, but did not graduate	2	1.1%
High school graduate or GED	3	16.4%
Some college or 2-year degree	4	40.1%
4-year college graduate	5	17.4%
More than 4-year college degree	6	24.8%

Question 75: Are you of Hispanic or Latino origin or descent? (Mark "NO" if not Spanish/Hispanic/Latino.)

MARK ALL THAT APPLY

Variable names: H19073A-H19073E, H19073

Editing notes: See Note 24

Response	Variable Name	H19073 Value	Percent Marked
No, not Spanish, Hispanic, or Latino	H19073A	1	86.3%
Yes, Mexican, Mexican American, Chicano	H19073B	2	4.5%
Yes, Puerto Rican	H19073C	3	2.6%
Yes, Cuban	H19073D	4	0.5%
Yes, other Spanish, Hispanic, or Latino	H19073E	5	4.0%

Question 76: 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	11.4%
American Indian or Alaska Native	SRRACEC	3.0%
Asian (e.g., Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese)	SRRACED	7.2%
Native Hawaiian or other Pacific Islander (e.g., Samoan, Guamanian or Chamorro)	SRRACEE	1.0%

Question 77: What is your age now?

Variable name: SRAGE

Editing notes: None

Response	Value	Percent
18 to 24	1	12.7%
25 to 34	2	15.2%
35 to 44	3	12.3%
45 to 54	4	8.8%
55 to 64	5	19.8%
65 to 74	6	20.1%
75 or older	7	11.2%

Question 78: 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: S19011

Editing notes: None

Response	Value	Percent
Strongly disagree	1	6.1%
Disagree	2	5.9%
Neither agree nor disagree	3	9.1%
Agree	4	38.4%
Strongly agree	5	40.5%

Question 79: 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: S19014

Editing notes: None

Response	Value	Percent
Completely dissatisfied	1	3.7%
Somewhat dissatisfied	2	4.5%
Neither satisfied nor dissatisfied	3	6.9%
Somewhat satisfied	4	23.1%
Completely satisfied	5	61.8%

THANK YOU FOR TAKING THE TIME TO COMPLETE THE SURVEY!

Your generous contribution will greatly aid efforts to improve the health of our military community.

APPENDIX B

SURVEY FIELDING LETTERS – QUARTER I

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



SAMPLE INVITATION LETTER - Quarter I
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

DEFENSE
HEALTH AGENCY

1234567890 18038239 9101 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

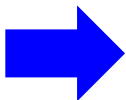
You have been selected to participate in the October 2018 Health Care Survey of Department of Defense Beneficiaries, or HCSDB. **We survey fewer than 1% of all TRICARE beneficiaries, so your response matters!**

We at the DoD are working hard to make sure TRICARE beneficiaries get access to the quality health care they deserve, but we can't do it without your help. **Even if you do not regularly use TRICARE, your response to this 15-minute survey will help ensure quality health care for you and others in the TRICARE community. Please help and respond today!**

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**



- **Reply Online by 12/21/2018**
- **See the back page of this letter for more information about this survey**
- **We need your response to help Service members, retirees, and families get the best health care**

Thank you for your valuable time. It is greatly appreciated.

Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

Complete the Survey Online!
<http://www.health.mil/healthsurveys>

Survey ID: 1234567890
Password: 5654321





DEFENSE
HEALTH AGENCY

SAMPLE REMINDER LETTER, NO QUESTIONNAIRE - Quarter I
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

1234567890 18038239 9102 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

Complete the Survey Online!

<http://www.health.mil/healthsurveys>

Survey ID: 1234567890

Password: 5654321



You are not just a number – we really want to know your opinions on your TRICARE health plan. Recently, we sent you an invitation to complete the Health Care Survey of DoD Beneficiaries. If you have already responded, we sincerely thank you! If you have not responded, you still have time to help. Please consider setting aside a few minutes to complete the survey. **Your response will benefit you and your family as well as other military families.**

Retired? No longer in the military? Don't use TRICARE? **We still want to hear from you!**

It's easy to respond to this important, 15 minute survey online:

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**

- **Please Reply by 1/18/2019**
- **Your answers will be kept confidential**
- **See the back page of this letter for more information about this survey**

Thank you. Your response is greatly appreciated. Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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.



DEFENSE
HEALTH AGENCY

SAMPLE REMINDER LETTER WITH QUESTIONNAIRE - Quarter I
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

1234567890 18038239 9112 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

You are not just a number – we really want to know your opinions on your TRICARE health plan. Recently, we sent you an invitation to complete the Health Care Survey of DoD Beneficiaries. If you have already responded, we sincerely thank you! If you have not responded, you still have time to help. **Your survey response will benefit you and your family as well as other military families.**

Retired? No longer in the military? Don't use TRICARE? **We still want to hear from you!**

There are two easy ways to respond to this important 15 minute survey:

1. Complete the enclosed survey and return it in the postage-paid envelope.

OR

2. Complete the survey online:

Web site: <http://www.health.mil/healthsurveys>

Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)

Survey ID: **1234567890** Your password: **5654321**

- **Please Reply by 1/18/2019**
- **Your answers will be kept confidential**
- **See the back page of this letter for more information about this survey**

Thank you. Your response is greatly appreciated. Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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.

Complete the Survey Online!
<http://www.health.mil/healthsurveys>
Survey ID: 1234567890
Password: 5654321



DEFENSE
HEALTH AGENCY

SAMPLE REMINDER LETTER ACTIVE DUTY FAMILY MEMBERS WITH
QUESTIONNAIRE - Quarter I
**OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
HEALTH AFFAIRS**

7700 ARLINGTON BOULEVARD, SUITE 5101
FALLS CHURCH, VIRGINIA 22042-5101

1234567890 18038239 9122 1001
SSGT JANE DOE
222 S. RIVERSIDE DRIVE
CHICAGO, IL 60606-5809

Dear SSGT JANE DOE:

Complete the Survey Online!
<http://www.health.mil/healthsurveys>
Survey ID: 1234567890
Password: 5654321



As a family member of a current or former Service member, we really want to know your opinions on your TRICARE health plan. Recently, we sent you an invitation to complete the **October Health Care Survey of DoD Beneficiaries**. If you have already responded, we sincerely thank you! If you have not responded, you still have time to help.

This survey isn't like others. We are asking for overall experiences and opinions with your health plan. Family members are a **highly valued group of TRICARE beneficiaries**. Your responses to this survey are key in helping us understand how to improve health care services for military families.

Have other insurance? Haven't had a health appointment recently? **We still want to hear from you!**

There are two easy ways to respond to this important **15 minute survey**:

1. Complete the enclosed survey and return it in the postage-paid envelope.

OR

2. Complete the survey online:

Web site: <http://www.health.mil/healthsurveys>
Select Survey #1: Health Care Survey of DoD Beneficiaries (HCSDB)
Survey ID: **1234567890** Your password: **5654321**

- Please Reply by 1/18/2019
- Your answers will be kept confidential
- See the back page of this letter for more information about this survey

Thank you. Your response is greatly appreciated. Sincerely,

Richard R. Bannick, Ph. D., FACHE
Decision Support Division/Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

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 I

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**



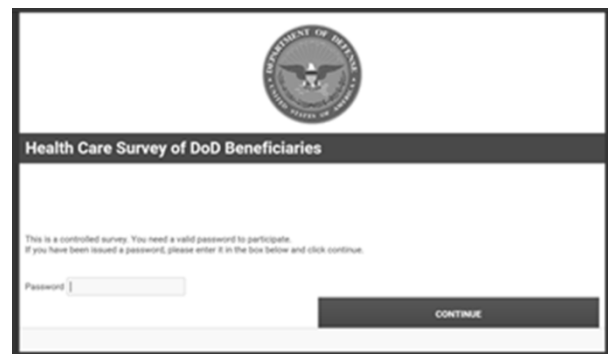
3

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 1-844-204-9351, West Region call 1-800-558-1746.

SAMPLE EMAIL 1 - Quarter I

[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]:

You have been selected to participate in the October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 2 - Quarter I

[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]:

I sent a message to you last week inviting you to participate in the October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 3 - Quarter I

[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]:

I know your time is valuable. I hope you will help me with an equally valuable effort to make sure YOU get great health care. The October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 4 - Quarter I

[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]:

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 October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 5 - Quarter I

[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]:

I know your time is valuable, and you may have several other requests to complete surveys. The question is: what do those surveys seek to accomplish?

The October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 6 - Quarter I

[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]:

I know your time is valuable, and you may have several other requests to complete surveys. The question is: what do those surveys seek to accomplish?

The October 2018 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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 7 - Quarter I

[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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 8 - Quarter I

[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]:

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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 9 - Quarter I

[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]:

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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to <http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

SAMPLE EMAIL 10 - Quarter I

[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]:

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,

RICHARD R. BANNICK, Ph. D., FACHE
Branch Chief, Decision Support Division
Defense Health Agency
Office of the Assistant Secretary of Defense (Health Affairs)

To verify the legitimacy of this survey, please go to
<http://www.health.mil/Military-Health-Topics/Access-Cost-Quality-and-Safety/Health-Care-Program-Evaluation/MHS-Patient-Satisfaction-Surveys>.

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

APPENDIX C

**CROSSWALK BETWEEN 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, AND 2019
QUESTIONS FOR ADULT HCSDB – QUARTER I**

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

CROSSWALK BETWEEN 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, AND 2019 ADULT SURVEY QUESTIONS

2019 Variable Name	2019 Q1 Question Number	Identical to 2018	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	Variable Name in 2011 Survey	Comments
H19001	1	T	H18001	H17001 ^T	H16001 ^S	H15001 ^R	H14001 ^Q	H13001 ^P	H12001 ^o	H11001 ^N	
H19002A, H19002C, H19002F- H19002V	2		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	H11002A- H11002R	H19002C changed from "TRICARE Extra or Standard (CHAMPUS)" to "TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS))" H19002F changed from "Medicare" to "Medicare (may include TRICARE for Life)"
H19003	3		H18003	H17003 ^T	H16003 ^S	H15003 ^R	H14003 ^Q	H13003	H12003	H11003	H19003 ANSWER changed from "TRICARE Extra or Standard (CHAMPUS)" to "TRICARE Select (previously known as TRICARE Extra or Standard (CHAMPUS))" New answer choices added: TRICARE FOR LIFE and TRICARE SUPPLEMENTAL INSURANCE
H19004	4	T	H18004	H17004 ^T	H16004 ^S	H15004 ^R	H14004 ^Q	H13004	H12004	H11004 ^N	
H19005	8	T	H18005	H17005 ^T	H16005 ^S	H15005 ^R	H14005 ^Q	H13005	H12005	H11005 ^N	
H19006	9	T	H18006 ^T	H17006 ^T	H16006 ^S	H15006 ^R	H14006 ^Q	H13006 ^P	H12006 ^o	H11006 ^N	
H19007	10		H18007	H17007 ^T	H16007 ^S	H15007 ^R	H14007 ^Q	H13007	H12007 ^o	H11007 ^N	
H19008	11	T	H18008	H17008 ^T	H16008 ^S	H15008 ^R	H14008 ^Q	H13008 ^P	H12008 ^o	H11008 ^N	
H19009	12	T	H18009	H17009 ^T	H16009 ^S	H15009 ^R	H14009 ^Q	H13009 ^P	H12009 ^o	H11009 ^N	
H19010	13	T	H18010	H17010 ^T	H16010 ^S	H15010 ^R	H14010 ^Q	H13010	H12010 ^o	H11010 ^N	
H19011	14	T	H18011	H17011 ^T	H16011 ^S	H15011 ^R	H14011 ^Q	H13011 ^P	H12011 ^o	H11011 ^N	
H19012	15	T	H18012	H17012 ^T	H16012 ^S	H15012 ^R	H14012 ^Q	H13012 ^P	H12012 ^o	H11012 ^N	
H19013	16		H18013	H17013 ^T	H16013 ^S	H15013 ^R	H14013 ^Q	H13013 ^P	H12013 ^o	H11013 ^N	NEW SKIP PATTERN
H19014	17	T	H18014	H17014 ^T	H16014 ^S	H15014 ^R	H14014 ^Q	H13014 ^P	H12014 ^o	H11014 ^N	
H19015	18	T	H18015	H17015 ^T	H16015 ^S	H15015 ^R	H14015 ^Q	H13015 ^P	H12015 ^o	H11015 ^N	
H19016	19	T	H18016	H17016 ^T	H16016 ^S	H15016 ^R	H14016 ^Q	H13016 ^P	H12016 ^o	H11016 ^N	

^N Identical to 2012

^o Identical to 2013

^P Identical to 2014

^Q Identical to 2015

^R Identical to 2016

^S Identical to 2017

^T Identical to 2018

2019 Variable Name	2019 Q1 Question Number	Identical to 2018	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	Variable Name in 2011 Survey	Comments
H19017	20	T	H18017	H17017 ^T	H16017 ^S	H15017 ^R	H14017 ^Q	H13017 ^P	H12017 ^o	H11017 ^N	
H19018	21	T	H18018	H17018 ^T	H16018 ^S	H15018 ^R	H14018 ^Q	H13018 ^P	H12018 ^o	H11018 ^N	
H19019	23	T	H18019	H17019 ^T	H16019 ^S	H15019 ^R	H14019 ^Q	H13019 ^P	H12019 ^o	H11019 ^N	
H19020	24		H18020	H17020 ^T	H16020 ^S	H15020 ^R	H14020 ^Q	H13020 ^P	H12020 ^o	H11020 ^N	NEW SKIP PATTERN
H19021	25	T	H18021	H17021 ^T	H16021 ^S	H15021 ^R	H14021 ^Q	H13021 ^P	H12021 ^o	H11021 ^N	
H19022	26	T	H18022	H17022 ^T	H16022 ^S	H15022 ^R	H14022 ^Q	H13022 ^P	H12022 ^o	H11022 ^N	
H19023	27	T	H18023	H17023 ^T	H16023 ^S	H15023 ^R	H14023 ^Q	H13023 ^P	H12023 ^o	H11023 ^N	
H19024	28	T	H18024	H17024 ^T	H16024 ^S	H15024 ^R	H14024 ^Q	H13024 ^P	H12024 ^o	H11024 ^N	
H19025	29	T	H18025	H17025 ^T	H16025 ^S	H15025 ^R	H14025 ^Q	H13025 ^P	H12025 ^o	H11025 ^N	
H19026	30	T	H18026	H17026 ^T	H16026 ^S	H15026 ^R	H14026 ^Q	H13026 ^P	H12026 ^o	H11026 ^N	
H19027	31	T	H18027	H17027 ^T	H16027 ^S	H15027 ^R	H14027 ^Q	H13027 ^P	H12027 ^o	H11027 ^N	
H19028	34	T	H18028	H17028 ^T	H16028 ^S	H15028 ^R	H14028 ^Q	H13028 ^P	H12028 ^o	H11028 ^N	
H19029	35	T	H18029	H17029 ^T	H16029 ^S	H15029 ^R	H14029 ^Q	H13029	H12029 ^o	H11029 ^N	
H19030	36	T	H18030	H17030 ^T	H16030 ^S	H15030 ^R	H14030 ^Q	H13030 ^P	H12030 ^o	H11030 ^N	
H19031	37	T	H18031	H17031 ^T	H16031 ^S	H15031 ^R	H14031 ^Q	H13031 ^P	H12031 ^o	H11031 ^N	
H19033	22	T	H18033	H17033 ^T	H16033 ^S	H15033 ^R	H14033 ^Q	H13033 ^P	H12033 ^o	H11033 ^N	
H19034	38	T	H18034	H17034 ^T	H16034 ^S	H15034 ^R	H14034 ^Q	H13034 ^P	H12034 ^o	H11034 ^N	
H19035	39	T	H18035	H17035 ^T	H16035 ^S	H15035 ^R	H14035 ^Q	H13035 ^P	H12035 ^o	H11035 ^N	
H19036	40	T	H18036	H17036 ^T	H16036 ^S	H15036 ^R	H14036 ^Q	H13036 ^P	H12036 ^o	H11036 ^N	
H19037	41	T	H18037	H17037 ^T	H16037 ^S	H15037 ^R	H14037 ^Q	H13037 ^P	H12037 ^o	H11037 ^N	
H19038	42	T	H18038	H17038 ^T	H16038 ^S	H15038 ^R	H14038 ^Q	H13038	H12038	H11038	
H19039	43	T	H18039	H17039 ^T	H16039 ^S	H15039 ^R	H14039 ^Q	H13039 ^P	H12039 ^o	H11039 ^N	
H19040	44	T	H18040	H17040 ^T	H16040 ^S	H15040 ^R	H14040 ^Q	H13040 ^P	H12040 ^o	H11040 ^N	
H19041	45	T	H18041	H17041 ^T	H16041 ^S	H15041 ^R	H14041 ^Q	H13041 ^P	H12041 ^o	H11041 ^N	

^N Identical to 2012
^R Identical to 2016

^o Identical to 2013
^S Identical to 2017

^P Identical to 2014
^T Identical to 2018

^Q Identical to 2015

2019 Variable Name	2019 Q1 Question Number	Identical to 2018	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	Variable Name in 2011 Survey	Comments
H19042	46	T	H18042	H17042 ^T	H16042 ^S	H15042 ^R	H14042 ^Q	H13042 ^P	H12042 ^o	H11042 ^N	
H19043	47	T	H18043	H17043 ^T	H16043 ^S	H15043 ^R	H14043 ^Q	H13043 ^P	H12043 ^o	H11043 ^N	
H19044	48	T	H18044	H17044 ^T	H16044 ^S	H15044 ^R	H14044 ^Q	H13044 ^P	H12044 ^o	H11044 ^N	
H19045	49	T	H18045	H17045 ^T	H16045 ^S	H15045 ^R	H14045 ^Q	H13045 ^P	H12045 ^o	H11045 ^N	
H19046	50	T	H18046	H17046 ^T	H16046 ^S	H15046 ^R	H14046 ^Q	H13046 ^P	H12046 ^o	H11046 ^N	
H19047	51	T	H18047	H17047 ^T	H16047 ^S	H15047 ^R	H14047 ^Q	H13047 ^P	H12047 ^o	H11047 ^N	
H19048	52	T	H18048	H17048 ^T	H16048 ^S	H15048 ^R	H14048 ^Q	H13048 ^P	H12048 ^o	H11048 ^N	
H19049	53	T	H18049	H17049 ^T	H16049 ^S	H15049 ^R	H14049 ^Q	H13049 ^P	H12049 ^o	H11049 ^N	
H19050	54	T	H18050	H17050 ^T	H16050 ^S	H15050 ^R	H14050 ^Q	H13050 ^P	H12050 ^o	H11050 ^N	
H19051	55	T	H18051	H17051 ^T	H16051 ^S	H15051 ^R	H14051 ^Q	H13051 ^P	H12051 ^o	H11051 ^N	
H19052	56	T	H18052	H17052 ^T	H16052 ^S	H15052 ^R	H14052 ^Q	H13052 ^P	H12052 ^o	H11052 ^N	
H19053	57	T	H18053	H17053 ^T	H16053 ^S	H15053	H14053 ^Q	H13053 ^P	H12053 ^o	H11053 ^N	
H19054	58	T	H18054	H17054 ^T	H16054 ^S	H15054 ^R	H14054 ^Q	H13054 ^P	H12054 ^o	H11054 ^N	
H19055	59	T	H18055	H17055 ^T	H16055 ^S	H15055 ^R	H14055 ^Q	H13055	H12055 ^o	H11055	
H19056	60	T	H18056	H17056 ^T	H16056 ^S	H15056 ^R	H14056 ^Q	H13056	H12056 ^o	H11056	
H19057A-H19057D	61	T	H18057A-H18057D	H17057A-H17057D ^T	H16057A-H16057D ^S	H15057A-H15057D ^R	H14057A-H14057D ^Q	H13057A-H13057D ^P	H12057A - H12057D ^o	H11057A-H11057D ^N	
H19058	63	T	H18058	H17058 ^T	H16058 ^S	H15058	H14058 ^Q	H13058	H12058	H11058 ^N	
H19059B	64	T	H18059B	H17059B ^T	H16059B ^S	H15059B ^R	H14059B ^Q	H13059B ^P	H12059B ^o	H11059	
H19060	65	T	H18060	H17060 ^T	H16060 ^S	H15060	H14060 ^Q	H13060 ^P	H12060 ^o	H11060 ^N	
H19061	66	T	H18061	H17061 ^T	H16061 ^S	H15061 ^R	H14061 ^Q	H13061 ^P	H12061 ^o	H11061 ^N	
H19062	67	T	H18062	H17062 ^T	H16062 ^S	H15062	H14062 ^Q	H13062 ^P	H12062 ^o	H11062 ^N	
H19063	68	T	H18063	H17063 ^T	H16063 ^S	H15063	H14063 ^Q	H13063 ^P	H12063 ^o	H11063 ^N	
H19064	69	T	H18064	H17064 ^T	H16064 ^S	H15064 ^R	H14064 ^Q	H13064 ^P	H12064 ^o	H11064 ^N	
H19065	70	T	H18065	H17065 ^T	H16065 ^S	H15065 ^R	H14065 ^Q	H13065 ^P	H12065 ^o	H11065 ^N	

^N Identical to 2012

^o Identical to 2013

^P Identical to 2014

^Q Identical to 2015

^R Identical to 2016

^S Identical to 2017

^T Identical to 2018

2019 Variable Name	2019 Q1 Question Number	Identical to 2018	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	Variable Name in 2011 Survey	Comments
H19071F	72	T	H18071F	H17071F ^T	H16071F ^S	H15071F ^R	H14071F ^Q	H13071F ^P	H12071F	H11071F ^N	
H19071I	72	T	H18071I	H17071I ^T	H16071I ^S	H15071I ^R	H14071I ^Q	H13071I ^P	H12071I	H11071I ^N	
H19072	73	T	H18072	H17072 ^T	H16072 ^S	H15072 ^R	H14072 ^Q	H13072 ^P	H12072	H11072 ^N	
SREDA	74	T	SREDA	SREDA ^T	SREDA ^S	SREDA ^R	SREDA ^Q	SREDA ^P	SREDA ^o	SREDA ^N	
H19073, H19073A- H19073E	75	T	H18073, H18073A- H18073E	H17073, H17073A- H17073E ^T	H16073, H16073A- H16073E ^S	H15073, H15073A- H15073E ^R	H14073, H14073A- H14073E ^Q	H13073, H13073A- H13073E ^P	H12073, H12073A- H12073E ^o	H11073, H11073A- H11073E ^N	
SRRACEA- SRRACEE	76	T	SRRACEA- SRRACEE	SRRACEA- SRRACEE ^T	SRRACEA- SRRACEE ^S	SRRACEA- SRRACEE ^R	SRRACEA- SRRACEE ^Q	SRRACEA- SRRACEE ^P	SRRACEA- SRRACEE ^o	SRRACEA- SRRACEE ^N	
SRAGE	77	T	SRAGE	SRAGE ^T	SRAGE ^S	SRAGE ^R	SRAGE ^Q	SRAGE ^P	SRAGE ^o	SRAGE ^N	
S19009	32	T	S18009	S17009 ^T	S16009 ^S	S15009 ^R	S14009 ^Q	S13009 ^P	S12009	S11009 ^N	
S19010	33	T	S18010	S17010 ^T	S16010 ^S	S15010 ^R	S14010 ^Q	S13010 ^P	S12010	S11010 ^N	
S19011	78	T	S18011	S17011 ^T	S16011 ^S	S15011 ^R	S14011 ^Q	S13011 ^P	S12011 ^o	S11011 ^N	
S19014	79	T	S18014	S17014 ^T	S16014 ^S	S15014 ^R	S14014 ^Q	S13014 ^P	S12014 ^o	S11014 ^N	
S19B01	71	T	S18B01	S17B01 ^T	S16B01 ^S	S15B01 ^R	S14B01 ^Q	S13B01 ^P	S12B01 ^o	S11B01 ^N	
S19BF4	62	T	S18BF4	S17BF4 ^T	S16BF4 ^S						
S19BQ01	5										NEW TO 2019
S19BQ02A- S19BQ02L	6										NEW TO 2019
S19BQ03A- S19BQ03K	7										NEW TO 2019

^N Identical to 2012
^R Identical to 2016

^o Identical to 2013
^s Identical to 2017

^P Identical to 2014
^T Identical to 2018

^Q Identical to 2015

APPENDIX D

CODING SCHEME AND CODING TABLES – QUARTER I

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

QUARTER I

2019 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:

H19003, H19004, S19BQ01, S19BQ02A-S19BQ02L and S19BQ03A-S19BQ03K

N1	H19003 is:	H19004, S19BQ01, S19BQ02A- S19BQ02L and S19BQ03A- S19BQ03K are:	H19003 is coded as:	H19004, S19BQ01, S19BQ02A- S19BQ02L and S19BQ03A- S19BQ03K are coded as:	*
----	---------------	--------------------------------------------------------------------------------	------------------------	-----------------------------------------------------------------------------------------	---

1	1-17: Health plan	Any value	Stands as original value	Stands as original value	
2	-6: No usage in past 12 months or -5: not sure	Any value	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	Missing response	Any value	Stands as original value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

Coding Table for Note 1_BQ1:

H19003, S19BQ01, S19BQ02A-S19BQ02L, S19BQ03A-S19BQ03K

N1_BQ1	S19BQ01 is:	S19BQ02A- S19BQ02L and S19BQ03A- S19BQ03K are:	H19003	S19BQ01 is coded as:	S19BQ02A- S19BQ02L and S19BQ03A- S19BQ03K are coded as:	*
--------	----------------	---------------------------------------------------------	--------	-------------------------	------------------------------------------------------------------	---

1	.N: Valid skip, or .C: question should be skipped	.N: Valid skip, or .C: question should be skipped	Any value	Stands as original value	Stands as original value	
2	1: Yes or -5: don't know	Any value	Matches S19BQ03 or equals 11:TRICARE Plus, 13: Foreign govt, 16: CHCBP, or 19: TRICARE supp. insurance	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
3	1: Yes or -5: don't know	At least one positive response	Does not match	2: No	Stands as original value	B
4	1: Yes or -5: don't know	No positive response	Does not match	Stands as original value	.N: Valid skip if missing; .C: question should be skipped if marked	F
5	2: No or .: missing	Any value	Matches S19BQ03	1: Yes	.N: Valid skip if missing; .C: question should be skipped if marked	B
6	2: No or .: missing	Any value	Does not match or equals 11:TRICARE Plus, 13: Foreign govt, 16: CHCBP, or 19: TRICARE supp. insurance	2: No	Stands as original value	B

* Indication of backward coding (B) or forward coding (F).

Definition of "positive response" in Coding Table for Note 1_BQ:

A response of 1:Yes to S19BQ02A-S19BQ02L or a marked response to S19BQ03A-S19BQ03K.

**Coding Table for Note 1_BQ2:
S19BQ03A-S19BQ03I, S19BQ03K**

N1_BQ2	S19BQ03A-S19BQ03I are:	S19BQ03K is:	S19BQ03K 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	
2	Any marked response	Any value	Unmarked	F
3	No marked responses	Any value	Stands as original value	

* Indication of backward coding (B) or forward coding (F).

**Coding Table for Note 2:
H19006, H19007, H19008**

N2	H19006 is:	H19007-H19008 are:	H19006 is coded as:	H19007-H19008 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 H19007-H19008 are all missing.

Definition of “blank or NA” in Coding Table for Note 2:
All of the following are true: H19007-H19008 are a combination of not applicable (-6) or missing.

Definition of “one marked and one NA” in Coding Table for Note 2:
H19007-H19008 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:
H19009, H19010, H19011**

N3	H19009 is:	H19010-H19011 are:	H19009 is coded as:	H19010-H19011 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 H19010-H19011 are all missing.

Definition of “blank or NA” in Coding Table for Note 3:
All of the following are true: H19010-H19011 are a combination of not applicable (-6) or missing.

Definition of “one marked and one NA” in Coding Table for Note 3:
H19010-H19011 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:
H19013, H19014-H19017**

N4	H19013 is:	H19014-H19017 are:	H19013 is coded as:	H19014-H19017 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 H19014-H19017 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:
H19015, H19016-H19017**

N5	H19015 is:	H19016 is:	H19017 is:	H19015 is coded as:	H19016 is coded as:	H19017 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:
H19019, H19020-H19027, S19009**

N6	H19019 is:	H19020-H19024 are:	H19025-H19026, S19009 are:	H19027 is:	H19019 is coded as:	H19020-H19026, S19009 are coded as:	H19027 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: H19020 is either 0: None or missing and H19021-H19024 are either not applicable (-6) or missing.

Definition of "marked" in Coding Table for Note 6:

Any pattern of marks for H19020-H19024 outside the definition "blank or NA".

**Coding Table for Note 7:
H19020, H19021-H19026**

N7	H19020 is:	H19021-H19026 are:	H19020 is coded as:	H19021-H19026 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 H19021-H19026 are all missing.

Definition of “blank or NA” in Coding Table for Note 7:
Responses to H19021-H19026 are a combination of not applicable (-6) or missing or a response of “2: No” to H19025.

Definition of “marked” in Coding Table for Note 7:
Any pattern of marks for H19021-H19026 outside the definition “all are blank” and “blank or NA”.

**Coding Table for Note 8:
H19025, H19026**

N8	H19025 is:	H19026 is:	H19025 is coded as:	H19026 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:
S19009, S19010**

N8_01	S19009 is:	S19010 is:	S19009 is coded as:	S19010 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:
H19028, H19029-H19031**

N9	H19028 is:	H19029-H19031 are:	H19028 is coded as:	H19029 is coded as:	H19030-H19031 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 H19029-H19031 are all missing.

Definition of "blank or NA" in Coding Table for Note 9:

All of the following are true: H19029 and H19031 are a combination of not applicable (-6) or missing. H19030 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:
H19030, H19031**

N10	H19030 is:	H19031 is:	H19030 is coded as:	H19031 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 12:
H19034, H19035**

N12	H19034 is:	H19035 is:	H19034 is coded as:	H19035 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:
H19036, H19037**

N13	H19036 is:	H19037 is:	H19036 is coded as:	H19037 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:
H19038, H19039**

N14	H19038 is:	H19039 is:	H19038 is coded as:	H19039 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:
H19040, H19041-H19042**

N15	H19040 is:	H19041-H19042 are:	H19040 is coded as:	H19041-H19042 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 H19041-H19042 are all missing.

Definition of "blank or NA" in Coding Table for Note 15:
All of the following are true: H19041-H19042 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:
H19043, H19044**

N16	H19043 is:	H19044 is:	H19043 is coded as:	H19044 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:
H19045, H19046-H19047**

N17	H19045 is:	H19046-H19047 are:	H19045 is coded as:	H19046-H19047 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 H19046-H19047 are all missing.

Definition of “blank or NA” in Coding Table for Note 17:
Responses to H19046-H19047 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 H19046-H19047 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 H19046-H19047 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:

H19053, H19054-H19056, H19057A-H19057D

N18	H19053 is:	H19054- H19056 are:	H19057A- H19057D are:	H19053 is coded as:	H19054- H19056, H19057A- H19057D 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 H19057A-H19057D 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)

H19058, H19059B, H19060-H19064, SEX, XSEXA

N19A	H19058 is:	SEX is:	H19059B--H19064 are:	XSEXA is coded as:
1	.: Missing	F	Any marked	2: Female
2	.: Missing	F	All missing	2: Female
3	.: Missing	M	Any marked	1: Male
4	.: Missing	M	All missing	1: Male
5	.: Missing	Z or .: missing	Any marked	2: Female
6	.: Missing	Z	All missing	.: Missing
7	.: Missing	.: Missing	All missing	.: Missing
8	1: Male	Any value	All missing	1: Male
9	1: Male	F	Any marked	2: Female
10	1: Male	M, Z, or .: missing	Any marked	1: Male
11	2: Female	Any value	Any marked	2: Female
12	2: Female	M	All missing	1: Male
13	2: Female	F, Z, or .: missing	All missing	2: Female

SEX (PNSEXCD) is the gender from the DEERS file. This variable is not used to override questionnaire responses, but to clear up any omissions or discrepancies in the responses.

XSEXA is the recoded gender variable after taking into account the self-reported response (H19058), any responses to gender-specific questions, and the gender of the sample beneficiary from DEERS.

Note 19 (Part B):

XSEXA, H19059B, H19060-H19064

N19B	XSEXA is:	H19059B--H19064 are:	H19059B--H19064 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 H19059B--H19064 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, H19060, H19061

N20	XSEXA is:	AGE is:	H19060 is:	H19061 is:	H19060 is coded as:	H19061 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, H19062-H19064**

N21	XSEXA is:	H19062 is:	H19063 is:	H19064 is:	H19062 is coded as:	H19063 is coded as:	H19064 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 23_HT:
XSEXA, H19071F, H19071I**

N23_HT	XSEXA is:	H19071F and H19071I is:	H19071F and H19071I 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, H19072**

N23_WT	XSEXA is:	H19072 is:	H19072 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:
H19073, H19073A-H19073E**

N24	H19073A is:	H19073B is:	H19073C is:	H19073D is:	H19073E is:	H19073 is coded as:	H19073A-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).

APPENDIX E

SAS PROC CONTENTS—ALPHABETICAL 2019 ADULT HCSDB – QUARTER I

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

The CONTENTS Procedure

Data Set Name	IN.HCS191_1A	Observations	8800
Member Type	DATA	Variables	288
Engine	V9	Indexes	0
Created	04/15/2019 17:29:33	Observation Length	1648
Last Modified	04/15/2019 17:29:33	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	latin1 Western (ISO)		

Engine/Host Dependent Information

Data Set Page Size	131072
Number of Data Set Pages	112
First Data Page	1
Max Obs per Page	79
Obs in First Data Page	49
Number of Data Set Repairs	0
Filename	/sasdata/Projects/50713_HCS/DATA/HCSDB/Q1FY2019/Data/AFinal/hcs191_1a.sas7bdat
Release Created	9.0401M3
Host Created	Linux
Inode Number	984737970
Access Permission	rw-rw----
Owner Name	iconnor@mathematica.net
File Size	14MB
File Size (bytes)	14811136

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
13	BWT	Num	8			BWT - Basic Sampling Weight
10	D_HEALTH	Char	2	\$DHEALTH.		Health Service Region
19	DBENCAT	Char	3	\$BENCAT.		Beneficiary Category
224	DELGENRC	Char	3	\$DELGEN.		DEERS Eligibility-Enrollment Code
225	DENRGRPC	Char	1	\$DENRGR.		DEERS Enroll Group Code
5	DHAFLAG	Num	3	DHAFLAG.		DHA Flag
20	DSPONSVC	Char	1	\$SPONSVC.		Derived Sponsor Branch of Service
156	DUPFLAG	Char	3			Multiple Response Indicator
6	ENBGSMPL	Char	2	\$ENBGS.		Enrollment by beneficiary category
155	FLAG_FIN	Char	5	\$FINAL.		Final Disposition
157	FNSTATUS	Num	8	FNSTATS.		Final Status
288	FWRWT	Num	8			Final NEW Weight
228	FWRWT1	Num	8			Replicated/JackKnife NEW Weight 1
229	FWRWT2	Num	8			Replicated/JackKnife NEW Weight 2
230	FWRWT3	Num	8			Replicated/JackKnife NEW Weight 3
231	FWRWT4	Num	8			Replicated/JackKnife NEW Weight 4
232	FWRWT5	Num	8			Replicated/JackKnife NEW Weight 5
233	FWRWT6	Num	8			Replicated/JackKnife NEW Weight 6
234	FWRWT7	Num	8			Replicated/JackKnife NEW Weight 7
235	FWRWT8	Num	8			Replicated/JackKnife NEW Weight 8
236	FWRWT9	Num	8			Replicated/JackKnife NEW Weight 9
237	FWRWT10	Num	8			Replicated/JackKnife NEW Weight 10
238	FWRWT11	Num	8			Replicated/JackKnife NEW Weight 11
239	FWRWT12	Num	8			Replicated/JackKnife NEW Weight 12
240	FWRWT13	Num	8			Replicated/JackKnife NEW Weight 13
241	FWRWT14	Num	8			Replicated/JackKnife NEW Weight 14
242	FWRWT15	Num	8			Replicated/JackKnife NEW Weight 15
243	FWRWT16	Num	8			Replicated/JackKnife NEW Weight 16
244	FWRWT17	Num	8			Replicated/JackKnife NEW Weight 17
245	FWRWT18	Num	8			Replicated/JackKnife NEW Weight 18
246	FWRWT19	Num	8			Replicated/JackKnife NEW Weight 19
247	FWRWT20	Num	8			Replicated/JackKnife NEW Weight 20
248	FWRWT21	Num	8			Replicated/JackKnife NEW Weight 21
249	FWRWT22	Num	8			Replicated/JackKnife NEW Weight 22
250	FWRWT23	Num	8			Replicated/JackKnife NEW Weight 23
251	FWRWT24	Num	8			Replicated/JackKnife NEW Weight 24
252	FWRWT25	Num	8			Replicated/JackKnife NEW Weight 25

253	FWRWT26	Num	8	Replicated/JackKnife NEW Weight	26
254	FWRWT27	Num	8	Replicated/JackKnife NEW Weight	27
255	FWRWT28	Num	8	Replicated/JackKnife NEW Weight	28
256	FWRWT29	Num	8	Replicated/JackKnife NEW Weight	29
257	FWRWT30	Num	8	Replicated/JackKnife NEW Weight	30
258	FWRWT31	Num	8	Replicated/JackKnife NEW Weight	31
259	FWRWT32	Num	8	Replicated/JackKnife NEW Weight	32
260	FWRWT33	Num	8	Replicated/JackKnife NEW Weight	33
261	FWRWT34	Num	8	Replicated/JackKnife NEW Weight	34
262	FWRWT35	Num	8	Replicated/JackKnife NEW Weight	35
263	FWRWT36	Num	8	Replicated/JackKnife NEW Weight	36
264	FWRWT37	Num	8	Replicated/JackKnife NEW Weight	37
265	FWRWT38	Num	8	Replicated/JackKnife NEW Weight	38
266	FWRWT39	Num	8	Replicated/JackKnife NEW Weight	39
267	FWRWT40	Num	8	Replicated/JackKnife NEW Weight	40
268	FWRWT41	Num	8	Replicated/JackKnife NEW Weight	41
269	FWRWT42	Num	8	Replicated/JackKnife NEW Weight	42
270	FWRWT43	Num	8	Replicated/JackKnife NEW Weight	43
271	FWRWT44	Num	8	Replicated/JackKnife NEW Weight	44
272	FWRWT45	Num	8	Replicated/JackKnife NEW Weight	45
273	FWRWT46	Num	8	Replicated/JackKnife NEW Weight	46
274	FWRWT47	Num	8	Replicated/JackKnife NEW Weight	47
275	FWRWT48	Num	8	Replicated/JackKnife NEW Weight	48
276	FWRWT49	Num	8	Replicated/JackKnife NEW Weight	49
277	FWRWT50	Num	8	Replicated/JackKnife NEW Weight	50
278	FWRWT51	Num	8	Replicated/JackKnife NEW Weight	51
279	FWRWT52	Num	8	Replicated/JackKnife NEW Weight	52
280	FWRWT53	Num	8	Replicated/JackKnife NEW Weight	53
281	FWRWT54	Num	8	Replicated/JackKnife NEW Weight	54
282	FWRWT55	Num	8	Replicated/JackKnife NEW Weight	55
283	FWRWT56	Num	8	Replicated/JackKnife NEW Weight	56
284	FWRWT57	Num	8	Replicated/JackKnife NEW Weight	57
285	FWRWT58	Num	8	Replicated/JackKnife NEW Weight	58
286	FWRWT59	Num	8	Replicated/JackKnife NEW Weight	59
287	FWRWT60	Num	8	Replicated/JackKnife NEW Weight	60
23	H19001	Num	4	YN.	Are you the person listed on envelope
43	H19003	Num	4	HPLAN1_.	Which health plan did you use most
44	H19004	Num	4	HPTIME.	Yrs in a row with health plan
45	H19005	Num	4	PLACE.	In 1st yr:fclty use most for health care
46	H19006	Num	4	YN.	In 1st yr:ill/injry/cond care right away
47	H19007	Num	4	OFTEN2_.	In 1st yr:get urgnt care as soon as wntd
48	H19008	Num	4	TIME1_.	In 1st yr:wait btwn try get care,see prv
49	H19009	Num	4	YN.	In 1st yr:make appts non-urgnt hlth care
50	H19010	Num	4	OFTEN3_.	In 1st yr:non-urg hlth cre appt whn wntd
51	H19011	Num	4	TIME2_.	In 1st yr:days btwn appt & see prvdr
52	H19012	Num	4	OFTEN4_.	In 1st yr:go to emrgncy rm for own care
53	H19013	Num	4	OFTEN4_.	In 1st yr:go to Dr office/clinic for care
54	H19014	Num	4	OFTEN8_.	Lst yr: how often talk to doctor about illness prvntn
55	H19015	Num	4	YN.	Lst yr: did doctor tell you more than 1 choice for trtmnt
56	H19016	Num	4	YNDEF.	Lst yr: did talk to doctor about pros/cons of trtmnt
57	H19017	Num	4	YNDEF.	Lst yr: did doctor ask which trtmnt option best for you
58	H19018	Num	4	RATE3_.	Rating of all health care in 1st yr
59	H19019	Num	4	YN.	Have one person think of as personal Dr
60	H19020	Num	4	OFTEN10_.	Lst yr: how often visit prsnl doctor for care for yourself
61	H19021	Num	4	OFTEN5_.	Lst yr: how oftn Drs listen to you
62	H19022	Num	4	OFTEN5_.	Lst yr: how oftn Drs explain things
63	H19023	Num	4	OFTEN5_.	Lst yr: how oftn Drs show respect
64	H19024	Num	4	OFTEN5_.	Lst yr: how oftn Drs spend enough time
65	H19025	Num	4	YN.	Lst yr: did get care from doctor other than prsnl doctor
66	H19026	Num	4	OFTEN8_.	Lst yr: how often prsnl doctor seemed infrmrd of care from other doctors
67	H19027	Num	4	RATE6_.	Rating of your personal Dr
68	H19028	Num	4	YN.	Lst yr: did make any appointments to see spclst
69	H19029	Num	4	OFTEN9_.	Lst yr: how often easy to get appointments with spclsts
70	H19030	Num	4	SPCLST.	Lst yr: how many spclsts seen
71	H19031	Num	4	RATE2_.	Rating of specialist seen in 1st yr

72	H19033	Num	4	OFTEN11_.	Lst yr: how often easy to get care, test, or trtmnt
73	H19034	Num	4	YN.	Lst yr: did look for info from written material/Internet
74	H19035	Num	4	OFTEN12_.	Lst yr: how often written material/Internet provide needed info
75	H19036	Num	4	YN.	Lst yr: did look for info from health plan on cost of service/equipment
76	H19037	Num	4	OFTEN13_.	Lst yr: how often able to find out cost of service/equipment
77	H19038	Num	4	YN.	Lst yr: did look for info from health plan on cost of prescription meds
78	H19039	Num	4	OFTEN14_.	Lst yr: how often able to find out cost of prescription meds
79	H19040	Num	4	YN.	Lst yr: did try to get info/help from health plan's cstmr service
80	H19041	Num	4	OFTEN15_.	Lst yr: how often did cstmr service give needed info/help
81	H19042	Num	4	OFTEN15_.	Lst yr: how often did cstmr service treat with courtesy/respect
82	H19043	Num	4	YN.	Lst yr: did health plan give any forms to fill out
83	H19044	Num	4	OFTEN16_.	Lst yr: how often were forms easy to fill out
84	H19045	Num	4	YNDNK.	Lst yr: send in any claims
85	H19046	Num	4	OFTEN6_.	Lst yr: how often did health plan handle claims quickly
86	H19047	Num	4	OFTEN6_.	Lst yr: how oftn handle claims correctly
87	H19048	Num	4	RATE4_.	Rating of all experience with hlth plan
88	H19049	Num	4	TIME5_.	Blood pressure: when lst reading
89	H19050	Num	4	YNBP_.	Blood pressure: know if too high or not
90	H19051	Num	4	TIME7_.	When did you lst have a flu shot
91	H19052	Num	4	YNDNK.	Smoked at least 100 cigarettes in life
92	H19053	Num	4	TIME8_.	Smoke or use tobacco everyday, some days or not at all
93	H19054	Num	4	OFTEN8_.	Lst yr: how often advised to quit smoking or use tobacco
94	H19055	Num	4	OFTEN8_.	Lst yr: how often recom medic assist quit smoking or using tobacco
95	H19056	Num	4	OFTEN8_.	Lst yr: how often discu meth/strag asst quit smoking or using tobacco
100	H19058	Num	4	SEX.	Are you male or female
102	H19060	Num	4	YN.	Are you under age 40
103	H19061	Num	4	TIME12_.	Lst time: breasts checked mammography
104	H19062	Num	4	YNPREG.	Been pregnant in lst yr or pregnant now
105	H19063	Num	4	PREG1_.	In what trimester is your pregnancy
106	H19064	Num	4	PREG2_.	Trimester first received prenatal care
107	H19065	Num	4	HEALTH.	In gnrl, how would you rate ovrall hlth
110	H19072	Num	4	TIME14_.	Weight without shoes
112	H19073	Num	4	HISP.	Are you Spanish/Hispanic/Latino
24	H19002A	Num	4	MARKED.	Health plan(s) covered: TRICARE Prime
25	H19002C	Num	4	MARKED.	Health plan(s) covered: TRICARE Select
35	H19002F	Num	4	MARKED.	Health plan(s) covered: Medicare
36	H19002G	Num	4	MARKED.	Health plan(s) covered: FEHBP
37	H19002H	Num	4	MARKED.	Health plan(s) covered: Medicaid
38	H19002I	Num	4	MARKED.	Health plan(s) covered: civilian HMO
39	H19002J	Num	4	MARKED.	Health plan(s) covered: other civilian
33	H19002K	Num	4	MARKED.	Health plan(s) covered: USFHP
42	H19002L	Num	4	MARKED.	Health plan(s) covered: not sure
40	H19002M	Num	4	MARKED.	Health plan(s) covered: veterans
26	H19002N	Num	4	MARKED.	Health plan(s) covered: TRICARE Plus
27	H19002O	Num	4	MARKED.	Health plan(s) covered: TRICARE For Life
28	H19002P	Num	4	MARKED.	Health plan(s) covered: TRICARE Supplmntl Ins
29	H19002Q	Num	4	MARKED.	Health plan(s) covered: TRICARE Reserve Select
41	H19002R	Num	4	MARKED.	Health plan(s) covered: gov hlth ins-other cntry
30	H19002S	Num	4	MARKED.	Health plan(s) covered: TRICARE Retired Reserve
31	H19002T	Num	4	MARKED.	Health plan(s) covered: TRICARE Young Adult Prime
34	H19002U	Num	4	MARKED.	Health plan(s) covered: CHCBP
32	H19002V	Num	4	MARKED.	Health plan(s) covered: TRICARE Young Adult Ex or Standard
96	H19057A	Num	4	MARKED.	Do you smoke or use: cigarettes
97	H19057B	Num	4	MARKED.	Do you smoke or use: dip, chewing tobacco, snuff, or snus
98	H19057C	Num	4	MARKED.	Do you smoke or use: cigars
99	H19057D	Num	4	MARKED.	Do you smoke or use: pipes, bidis, or kreteks
101	H19059B	Num	4	TIME16_.	Lst have a Pap smear test

108	H19071F	Num	4	TIME14_.	Height without shoes (feet)
109	H19071I	Num	4	TIME14_.	Height without shoes (inches)
113	H19073A	Num	4	MARKED.	Not Spanish/Hispanic/Latino
114	H19073B	Num	4	MARKED.	Mexican, Mexican American, Chicano
115	H19073C	Num	4	MARKED.	Puerto Rican
116	H19073D	Num	4	MARKED.	Cuban
117	H19073E	Num	4	MARKED.	Other Spanish, Hispanic, or Latino
218	HP_BP	Num	8	HAYNN2_.	Bld prsre chck in last 2 yrs, know rslts
223	HP_CESH3	Num	8	SMOKE.	Had smoking cessation counseling - HEDIS (modified)
219	HP_FLU	Num	8	HAYNN.	65 and older, flu shot in last 12 mnths
216	HP_MAM50	Num	8	HAYNN.	Women 50>=, mammography in pst 2 yrs
215	HP_MAMOG	Num	8	HAYNN.	Women 40>=, mammography in pst 2 yrs
220	HP_OBESE	Num	8	HAYNN.	Obese/Morbidly obese
217	HP_PAP	Num	8	HAYNN.	All women, Pap smear in last 3 yrs
214	HP_PRNTL	Num	8	PRNTL.	Prgnt in 1st yr, receivd cre 1st trimstr
222	HP_SMKH3	Num	8	SMOKE.	Smoker under HEDIS definition (modified)
221	HP_SMOKE	Num	8	HAYNN.	Advised to quit smoking in last 12 mnths
213	KCIVINS	Num	8	HAYNN2_.	Beneficiary coverd by civilian insurance
211	KCIVOPQY	Num	8	HAGRID.	Outpat. visits-use Civilian fcilty most
158	KEYCOUNT	Num	8		# Key Questions Answered
210	KMILOPQY	Num	8	HAGRID.	Outpat. visits-use Military fcilty most
188	MISS_1	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): violates skip pattern
189	MISS_4	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): incomplete grid error
190	MISS_5	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): scalable response of don't know
191	MISS_6	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): not applicable - valid skip
192	MISS_7	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): out-of-range error
193	MISS_9	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): no response - invalid skip
194	MISS_TOT	Num	8	HAMISS.	Total number of missing responses (pre-cleaning)
7	MPCSMPL	Num	8	MPCSMPL.	MPCSMPL - Military Personnel Category
1	MPRID	Char	8	\$8.	\$8. Unique MPR Identifier
161	N1	Num	8		Coding Scheme Note 1
164	N2	Num	8		Coding Scheme Note 2
165	N3	Num	8		Coding Scheme Note 3
166	N4	Num	8		Coding Scheme Note 4
167	N5	Num	8		Coding Scheme Note 5
168	N6	Num	8		Coding Scheme Note 6
169	N7	Num	8		Coding Scheme Note 7
170	N8	Num	8		Coding Scheme Note 8
172	N9	Num	8		Coding Scheme Note 9
173	N10	Num	8		Coding Scheme Note 10
174	N12	Num	8		Coding Scheme Note 12
175	N13	Num	8		Coding Scheme Note 13
176	N14	Num	8		Coding Scheme Note 14
177	N15	Num	8		Coding Scheme Note 15
178	N16	Num	8		Coding Scheme Note 16
179	N17	Num	8		Coding Scheme Note 17
180	N18	Num	8		Coding Scheme Note 18
183	N20	Num	8		Coding Scheme Note 20
184	N21	Num	8		Coding Scheme Note 21
187	N24	Num	8		Coding Scheme Note 24
181	N19A	Num	8		Coding Scheme Note 19A
182	N19B	Num	8		Coding Scheme Note 19B
162	N1BQ1	Num	8		Coding Scheme Note 1_BQ1
163	N1BQ2	Num	8		Coding Scheme Note 1_BQ2
185	N23_HT	Num	8		Coding Scheme Note 23_HT
186	N23_WT	Num	8		Coding Scheme Note 23_WT
171	N8_01	Num	8		Coding Scheme Note 8_01
8	NHFF	Num	8		NHFF - Stratum Sample Size
154	ONTIME	Char	3		Responded Within 8 weeks of Mail-Out
205	OUTCATCH	Num	8	OCATCH.	Out of catchment area indicator
21	PATCAT	Char	7	\$AGGBCAT.	Aggregated Beneficiary Category
18	PCM	Char	3	\$PCM.	Primary Manager Code (CIV or MIL)
15	PNSEXCD	Char	1	\$SEXCD.	Person Gender
22	PNTYPCD	Char	1	\$PNTYPCD.	Person Type Code
227	POSTCELL	Char	5		ps cell for new wts - for all 3 quarters
9	QUARTER	Char	8		Survey Quarter
14	RACEETHN	Char	1	\$RACECD.	Race/Ethnic Code

16	RDAGEQY	Num	3	AGE_R.	Age at sampling-Capped(18 and below, 86 and above)
17	RFLDAGE	Num	3	AGE_R.	Age at fielding-Capped(18 and below, 86 and above)
124	S19009	Num	4	YN.	Same prsnl doctor/nurse before this hlth plan
125	S19010	Num	4	PROB1_.	Prblm getting prsnl doctor/nurse you are happy with
126	S19011	Num	4	AGREE2_.	Agree/disagree: able to see provider when needed
127	S19014	Num	4	SATISFY.	How satisfied with health care during last visit
128	S19B01	Num	4	MNTLHLTH.	Self rate of overall mental/emotional health
129	S19BF4	Num	4	TIME15_.	Often do you use e-cigarettes
130	S19BQ01	Num	4	YNDNK.	Do you plan to continue to use the same health plan in 2019
131	S19BQ02A	Num	4	MARKED.	Reason for not continuing health plan: Life event
132	S19BQ02B	Num	4	MARKED.	Reason for not continuing health plan: Employer offered new health plan
133	S19BQ02C	Num	4	MARKED.	Reason for not continuing health plan: Health needs changed
134	S19BQ02D	Num	4	MARKED.	Reason for not continuing health plan: Medical bills not covered by insurance
135	S19BQ02E	Num	4	MARKED.	Reason for not continuing health plan: Lower annual deductible
136	S19BQ02F	Num	4	MARKED.	Reason for not continuing health plan: Doctor charged more than insurance would pay
137	S19BQ02G	Num	4	MARKED.	Reason for not continuing health plan: Insurance not accepted by doctor
138	S19BQ02H	Num	4	MARKED.	Reason for not continuing health plan: Had to contact insurance because payment was denied or delayed
139	S19BQ02I	Num	4	MARKED.	Reason for not continuing health plan: Copays too expensive
140	S19BQ02J	Num	4	MARKED.	Reason for not continuing health plan: Not enough doctors in network
141	S19BQ02K	Num	4	MARKED.	Reason for not continuing health plan: Premiums or enrollment fees too expensive
142	S19BQ02L	Num	4	MARKED.	Reason for not continuing health plan: Other
143	S19BQ03A	Num	4	MARKED.	Which health plan will you use for 2019: TRICARE Prime
144	S19BQ03B	Num	4	MARKED.	Which health plan will you use for 2019: TRICARE Select
145	S19BQ03C	Num	4	MARKED.	Which health plan will you use for 2019: US Family Health Plan (USFHP)
146	S19BQ03D	Num	4	MARKED.	Which health plan will you use for 2019: Veterans Administration (VA)
147	S19BQ03E	Num	4	MARKED.	Which health plan will you use for 2019: Federal Employee Health Benefits Plan (FEHBP)
148	S19BQ03F	Num	4	MARKED.	Which health plan will you use for 2019: Medicare and TRICARE for Life
149	S19BQ03G	Num	4	MARKED.	Which health plan will you use for 2019: Medicaid
150	S19BQ03H	Num	4	MARKED.	Which health plan will you use for 2019: Other civilian insurance coverage
151	S19BQ03I	Num	4	MARKED.	Which health plan will you use for 2019: Space available care at a military facility
152	S19BQ03J	Num	4	MARKED.	Which health plan will you use for 2019: Don't know
153	S19BQ03K	Num	4	MARKED.	Which health plan will you use for 2019: No insurance coverage
12	SERVAFF	Char	1	\$SERVAFF.	\$1. Service Affiliation
3	SEXSMPL	Num	8	SEX.	SEXSMPL - Sex
123	SRAGE	Num	4	AGEGRP.	What is your age now
111	SREDA	Num	4	EDUC.	Highest grade completed
118	SRRACEA	Num	4	MARKED.	Race: White
119	SRRACEB	Num	4	MARKED.	Race: Black or African American
120	SRRACEC	Num	4	MARKED.	Race: American Indian or Alaska Native
121	SRRACED	Num	4	MARKED.	Race: Asian
122	SRRACEE	Num	4	MARKED.	Race: Native Hawaiian/other Pacific Isl.
4	STRATUM	Char	7		Sampling STRATUM
160	SURVTYPE	Num	8	SURVTYPE.	Web or Mail Survey
2	SVCSMPL	Num	8	SVCSMPL.	SVCSMPL - Branch of Service
11	TNEXREG	Char	1	\$TNEXREG.	TNEX Region - Based on Address
203	USA	Num	3	USAMHS.	USA - USA/OCONUS Indicator
159	WEB	Num	8	WEB.	Web survey indicator
198	XBENCAT	Num	8	XBENCAT.	Beneficiary Category
207	XBMI	Num	8		Body Mass Index
208	XBMICAT	Num	3	XBMICAT.	Body Mass Index Category
209	XBNFGRP	Num	8	XBGC_S.	Beneficiary Group

226	XCATCH	Num	8	CACR.	XCATCH - Catchment Area (Reporting)
196	XENR_PCM	Num	8	PCM.	Enrollment by PCM type
199	XENR_RSV	Num	8	XENRRSV.	Enrollment by PCM type - Reservist
195	XENRLLMT	Num	8	ENROLL.	Enrollment in TRICARE Prime
197	XINS_COV	Num	8	INSURE.	Insurance Coverage
200	XINS_RSV	Num	8	XINSRSV.	Insurance Coverage - Reservist
204	XOCONUS	Num	3	XOCONUS.	Overseas Europe/Pacific/Latin Indicator
201	XREGION	Num	3	CREG.	XREGION - Region
212	XSERVAFF	Num	3	XSERVAFF.	Service Affiliation
206	XSEXA	Num	8	HASEX.	Male or Female - R
202	XTNEXRG2	Num	3	TNEX2_.	Revised TNEX Region - Definitions changed as of FY2019

APPENDIX F

SAS PROC CONTENTS—CREATION ORDER 2019 ADULT HCSDB –QUARTER I

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

The CONTENTS Procedure

Data Set Name	IN.HCS191_1A	Observations
8800		
Member Type	DATA	Variables
288		
Engine	V9	Indexes
0		
Created	04/15/2019 17:29:33	Observation Length
1648		
Last Modified	04/15/2019 17:29:33	Deleted
Observations	0	
Protection		Compressed
NO		
Data Set Type		Sorted
NO		
Label		
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64	
Encoding	latin1 Western (ISO)	

Engine/Host Dependent Information

Data Set Page Size	131072
Number of Data Set Pages	112
First Data Page	1
Max Obs per Page	79
Obs in First Data Page	49
Number of Data Set Repairs	0
Filename	
	/sasdata/Projects/50713_HCS/DATA/HCSDB/Q1FY2019/Data/AFinal/hcs191_1a.sas7bdat
Release Created	9.0401M3
Host Created	Linux
Inode Number	984737970
Access Permission	rw-rw----
Owner Name	iconnor@mathematica.net
File Size	14MB
File Size (bytes)	14811136

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	DHAFLAG	Num	3	DHAFLAG.		DHA Flag
6	ENBGSMPL	Char	2	\$ENBGS.		Enrollment by beneficiary category
7	MPCSMPL	Num	8	MPCSMPL.		MPCSMPL - Military Personnel Category
8	NHFF	Num	8			NHFF - Stratum Sample Size
9	QUARTER	Char	8			Survey Quarter
10	D_HEALTH	Char	2	\$DHEALTH.		Health Service Region
11	TNEXREG	Char	1	\$TNEXREG.		TNEX Region - Based on Address
12	SERVAFF	Char	1	\$SERVAFF.	\$1.	Service Affiliation
13	BWT	Num	8			BWT - Basic Sampling Weight
14	RACEETHN	Char	1	\$RACECD.		Race/Ethnic Code
15	PNSEXCD	Char	1	\$SEXCD.		Person Gender
16	RDAGEQY	Num	3	AGE_R.		Age at sampling-Capped(18 and below, 86 and above)
17	RFLDAGE	Num	3	AGE_R.		Age at fielding-Capped(18 and below, 86 and above)
18	PCM	Char	3	\$PCM.		Primary Manager Code (CIV or MIL)
19	DBENCAT	Char	3	\$BENCAT.		Beneficiary Category
20	DSPONSVC	Char	1	\$SPONSVC.		Derived Sponsor Branch of Service
21	PATCAT	Char	7	\$AGGBCAT.		Aggregated Beneficiary Category
22	PNTYPCD	Char	1	\$PNTYPCD.		Person Type Code
23	H19001	Num	4	YN.		Are you the person listed on envelope
24	H19002A	Num	4	MARKED.		Health plan(s) covered: TRICARE Prime
25	H19002C	Num	4	MARKED.		Health plan(s) covered: TRICARE Select
26	H19002N	Num	4	MARKED.		Health plan(s) covered: TRICARE Plus
27	H19002O	Num	4	MARKED.		Health plan(s) covered: TRICARE For Life
28	H19002P	Num	4	MARKED.		Health plan(s) covered: TRICARE Supplmntl Ins
29	H19002Q	Num	4	MARKED.		Health plan(s) covered: TRICARE Reserve Select
30	H19002S	Num	4	MARKED.		Health plan(s) covered: TRICARE Retired Reserve
31	H19002T	Num	4	MARKED.		Health plan(s) covered: TRICARE Young Adult Prime
32	H19002V	Num	4	MARKED.		Health plan(s) covered: TRICARE Young Adult Ex or Standard
33	H19002K	Num	4	MARKED.		Health plan(s) covered: USFHP
34	H19002U	Num	4	MARKED.		Health plan(s) covered: CHCBP
35	H19002F	Num	4	MARKED.		Health plan(s) covered: Medicare
36	H19002G	Num	4	MARKED.		Health plan(s) covered: FEHBP
37	H19002H	Num	4	MARKED.		Health plan(s) covered: Medicaid
38	H19002I	Num	4	MARKED.		Health plan(s) covered: civilian HMO
39	H19002J	Num	4	MARKED.		Health plan(s) covered: other civilian
40	H19002M	Num	4	MARKED.		Health plan(s) covered: veterans
41	H19002R	Num	4	MARKED.		Health plan(s) covered: gov hlth ins-other cntry
42	H19002L	Num	4	MARKED.		Health plan(s) covered: not sure
43	H19003	Num	4	HPLAN1_.		Which health plan did you use most
44	H19004	Num	4	HPTIME_.		Yrs in a row with health plan
45	H19005	Num	4	PLACE_.		In 1st yr:fcilty use most for health care
46	H19006	Num	4	YN.		In 1st yr:ill/injry/cond care right away
47	H19007	Num	4	OFTEN2_.		In 1st yr:get urgt care as soon as wntd
48	H19008	Num	4	TIME1_.		In 1st yr:wait btwn try get care,see prv
49	H19009	Num	4	YN.		In 1st yr:make appts non-urgnt hlth care
50	H19010	Num	4	OFTEN3_.		In 1st yr:non-urg hlth cre appt whn wntd
51	H19011	Num	4	TIME2_.		In 1st yr:days btwn appt & see prvdr
52	H19012	Num	4	OFTEN4_.		In 1st yr:go to emrgncy rm for own care
53	H19013	Num	4	OFTEN4_.		In 1st yr:go to Dr office/clinic for care
54	H19014	Num	4	OFTEN8_.		Lst yr: how often talk to doctor about illness prvntn
55	H19015	Num	4	YN.		Lst yr: did doctor tell you more than 1 choice for trtmnt
56	H19016	Num	4	YNDEF.		Lst yr: did talk to doctor about pros/cons of trtmnt
57	H19017	Num	4	YNDEF.		Lst yr: did doctor ask which trtmnt option best for you
58	H19018	Num	4	RATE3_.		Rating of all health care in 1st yr
59	H19019	Num	4	YN.		Have one person think of as personal Dr
60	H19020	Num	4	OFTEN10_.		Lst yr: how often visit prsnl doctor for care for yourself
61	H19021	Num	4	OFTEN5_.		Lst yr: how oftn Drs listen to you
62	H19022	Num	4	OFTEN5_.		Lst yr: how oftn Drs explain things
63	H19023	Num	4	OFTEN5_.		Lst yr: how oftn Drs show respect

64	H19024	Num	4	OFTEN5_.	Lst yr: how oftn Drs spend enough time
65	H19025	Num	4	YN.	Lst yr: did get care from doctor other than prsnl doctor
66	H19026	Num	4	OFTEN8_.	Lst yr: how often prsnl doctor seemed infrmd of care from other doctors
67	H19027	Num	4	RATE6_.	Rating of your personal Dr
68	H19028	Num	4	YN.	Lst yr: did make any appointments to see spclst
69	H19029	Num	4	OFTEN9_.	Lst yr: how often easy to get appointments with spclsts
70	H19030	Num	4	SPCLST.	Lst yr: how many spclsts seen
71	H19031	Num	4	RATE2_.	Rating of specialist seen in lst yr
72	H19033	Num	4	OFTEN11_.	Lst yr: how often easy to get care, test, or trtmnt
73	H19034	Num	4	YN.	Lst yr: did look for info from written material/Internet
74	H19035	Num	4	OFTEN12_.	Lst yr: how often written material/Internet provide needed info
75	H19036	Num	4	YN.	Lst yr: did look for info from health plan on cost of service/equipment
76	H19037	Num	4	OFTEN13_.	Lst yr: how often able to find out cost of service/equipment
77	H19038	Num	4	YN.	Lst yr: did look for info from health plan on cost of prescription meds
78	H19039	Num	4	OFTEN14_.	Lst yr: how often able to find out cost of prescription meds
79	H19040	Num	4	YN.	Lst yr: did try to get info/help from health plan's cstmr service
80	H19041	Num	4	OFTEN15_.	Lst yr: how often did cstmr service give needed info/help
81	H19042	Num	4	OFTEN15_.	Lst yr: how often did cstmr service treat with courtesy/respect
82	H19043	Num	4	YN.	Lst yr: did health plan give any forms to fill out
83	H19044	Num	4	OFTEN16_.	Lst yr: how often were forms easy to fill out
84	H19045	Num	4	YNDNK.	Lst yr: send in any claims
85	H19046	Num	4	OFTEN6_.	Lst yr: how often did health plan handle claims quickly
86	H19047	Num	4	OFTEN6_.	Lst yr: how oftn handle claims correctly
87	H19048	Num	4	RATE4_.	Rating of all experience with hlth plan
88	H19049	Num	4	TIME5_.	Blood pressure: when lst reading
89	H19050	Num	4	YNBP_.	Blood pressure: know if too high or not
90	H19051	Num	4	TIME7_.	When did you lst have a flu shot
91	H19052	Num	4	YNDNK.	Smoked at least 100 cigarettes in life
92	H19053	Num	4	TIME8_.	Smoke or use tobacco everyday, some days or not at all
93	H19054	Num	4	OFTEN8_.	Lst yr: how often advised to quit smoking or use tobacco
94	H19055	Num	4	OFTEN8_.	Lst yr: how often recom medic assist quit smoking or using tobacco
95	H19056	Num	4	OFTEN8_.	Lst yr: how often discu meth/strag asst quit smoking or using tobacco
96	H19057A	Num	4	MARKED.	Do you smoke or use: cigarettes
97	H19057B	Num	4	MARKED.	Do you smoke or use: dip, chewing tobacco, snuff, or snus
98	H19057C	Num	4	MARKED.	Do you smoke or use: cigars
99	H19057D	Num	4	MARKED.	Do you smoke or use: pipes, bidis, or kreteks
100	H19058	Num	4	SEX.	Are you male or female
101	H19059B	Num	4	TIME16_.	Lst have a Pap smear test
102	H19060	Num	4	YN.	Are you under age 40
103	H19061	Num	4	TIME12_.	Lst time: breasts checked mammography
104	H19062	Num	4	YNPREG.	Been pregnant in lst yr or pregnant now
105	H19063	Num	4	PREG1_.	In what trimester is your pregnancy
106	H19064	Num	4	PREG2_.	Trimester first received prenatal care
107	H19065	Num	4	HEALTH.	In gnrl, how would you rate ovrall hlth
108	H19071F	Num	4	TIME14_.	Height without shoes (feet)
109	H19071I	Num	4	TIME14_.	Height without shoes (inches)
110	H19072	Num	4	TIME14_.	Weight without shoes
111	SREDA	Num	4	EDUC.	Highest grade completed
112	H19073	Num	4	HISP.	Are you Spanish/Hispanic/Latino
113	H19073A	Num	4	MARKED.	Not Spanish/Hispanic/Latino
114	H19073B	Num	4	MARKED.	Mexican, Mexican American, Chicano
115	H19073C	Num	4	MARKED.	Puerto Rican
116	H19073D	Num	4	MARKED.	Cuban
117	H19073E	Num	4	MARKED.	Other Spanish, Hispanic, or Latino

118	SRRACEA	Num	4	MARKED.	Race: White
119	SRRACEB	Num	4	MARKED.	Race: Black or African American
120	SRRACEC	Num	4	MARKED.	Race: American Indian or Alaska Native
121	SRRACED	Num	4	MARKED.	Race: Asian
122	SRRACEE	Num	4	MARKED.	Race: Native Hawaiian/other Pacific Isl.
123	SRAGE	Num	4	AGEGRP.	What is your age now
124	S19009	Num	4	YN.	Same prsnl doctor/nurse before this hlth plan
125	S19010	Num	4	PROB1_.	Prblm getting prsnl doctor/nurse you are happy with
126	S19011	Num	4	AGREE2_.	Agree/disagree: able to see provider when needed
127	S19014	Num	4	SATISFY.	How satisfied with health care during last visit
128	S19B01	Num	4	MNTLHLTH.	Self rate of overall mental/emotional health
129	S19BF4	Num	4	TIME15_.	Often do you use e-cigarettes
130	S19BQ01	Num	4	YNDNK.	Do you plan to continue to use the same health plan in 2019
131	S19BQ02A	Num	4	MARKED.	Reason for not continuing health plan: Life event
132	S19BQ02B	Num	4	MARKED.	Reason for not continuing health plan: Employer offered new health plan
133	S19BQ02C	Num	4	MARKED.	Reason for not continuing health plan: Health needs changed
134	S19BQ02D	Num	4	MARKED.	Reason for not continuing health plan: Medical bills not covered by insurance
135	S19BQ02E	Num	4	MARKED.	Reason for not continuing health plan: Lower annual deductible
136	S19BQ02F	Num	4	MARKED.	Reason for not continuing health plan: Doctor charged more than insurance would pay
137	S19BQ02G	Num	4	MARKED.	Reason for not continuing health plan: Insurance not accepted by doctor
138	S19BQ02H	Num	4	MARKED.	Reason for not continuing health plan: Had to contact insurance because payment was denied or delayed
151	S19BQ03I	Num	4	MARKED.	Which health plan will you use for 2019: Space available care at a military facility
152	S19BQ03J	Num	4	MARKED.	Which health plan will you use for 2019: Don't know
153	S19BQ03K	Num	4	MARKED.	Which health plan will you use for 2019: No insurance coverage
142	S19BQ02L	Num	4	MARKED.	Reason for not continuing health plan: Other
143	S19BQ03A	Num	4	MARKED.	Which health plan will you use for 2019: TRICARE Prime
144	S19BQ03B	Num	4	MARKED.	Which health plan will you use for 2019: TRICARE Select
145	S19BQ03C	Num	4	MARKED.	Which health plan will you use for 2019: US Family Health Plan (USFHP)
146	S19BQ03D	Num	4	MARKED.	Which health plan will you use for 2019: Veterans Administration (VA)
147	S19BQ03E	Num	4	MARKED.	Which health plan will you use for 2019: Federal Employee Health Benefits Plan (FEHBP)
148	S19BQ03F	Num	4	MARKED.	Which health plan will you use for 2019: Medicare and TRICARE for Life
149	S19BQ03G	Num	4	MARKED.	Which health plan will you use for 2019: Medicaid
150	S19BQ03H	Num	4	MARKED.	Which health plan will you use for 2019: Other civilian insurance coverage
151	S19BQ03I	Num	4	MARKED.	Which health plan will you use for 2019: Space available care at a military facility
152	S19BQ03J	Num	4	MARKED.	Which health plan will you use for 2019: No insurance coverage
153	S19BQ03K	Num	4	MARKED.	What health plan will you be covered by and use for calendar year 2019: No insurance coverage
154	ONTIME	Char	3		Responded Within 8 weeks of Mail-Out
155	FLAG_FIN	Char	5	\$FINAL.	Final Disposition
156	DUPFLAG	Char	3		Multiple Response Indicator
157	FNSTATUS	Num	8	FNSTATS.	Final Status
158	KEYCOUNT	Num	8		# Key Questions Answered
159	WEB	Num	8	WEB.	Web survey indicator
160	SURVTYPE	Num	8	SURVTYPE.	Web or Mail Survey
161	N1	Num	8		Coding Scheme Note 1
162	N1BQ1	Num	8		Coding Scheme Note 1_BQ1
163	N1BQ2	Num	8		Coding Scheme Note 1_BQ2
164	N2	Num	8		Coding Scheme Note 2
165	N3	Num	8		Coding Scheme Note 3
166	N4	Num	8		Coding Scheme Note 4
167	N5	Num	8		Coding Scheme Note 5

168	N6	Num	8		Coding Scheme Note 6
169	N7	Num	8		Coding Scheme Note 7
170	N8	Num	8		Coding Scheme Note 8
171	N8_01	Num	8		Coding Scheme Note 8_01
172	N9	Num	8		Coding Scheme Note 9
173	N10	Num	8		Coding Scheme Note 10
174	N12	Num	8		Coding Scheme Note 12
175	N13	Num	8		Coding Scheme Note 13
176	N14	Num	8		Coding Scheme Note 14
177	N15	Num	8		Coding Scheme Note 15
178	N16	Num	8		Coding Scheme Note 16
179	N17	Num	8		Coding Scheme Note 17
180	N18	Num	8		Coding Scheme Note 18
181	N19A	Num	8		Coding Scheme Note 19A
182	N19B	Num	8		Coding Scheme Note 19B
183	N20	Num	8		Coding Scheme Note 20
184	N21	Num	8		Coding Scheme Note 21
185	N23_HT	Num	8		Coding Scheme Note 23_HT
186	N23_WT	Num	8		Coding Scheme Note 23_WT
187	N24	Num	8		Coding Scheme Note 24
188	MISS_1	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): violates skip pattern
189	MISS_4	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): incomplete grid error
190	MISS_5	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): scalable response of don't know
191	MISS_6	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): not applicable - valid skip
192	MISS_7	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): out-of-range error
193	MISS_9	Num	8	HAMISS.	Count of original survey responses (pre-cleaning): no response - invalid skip
194	MISS_TOT	Num	8	HAMISS.	Total number of missing responses (pre-cleaning)
195	XENRLLMT	Num	8	ENROLL.	Enrollment in TRICARE Prime
196	XENR_PCM	Num	8	PCM.	Enrollment by PCM type
197	XINS_COV	Num	8	INSURE.	Insurance Coverage
198	XBENCAT	Num	8	XBENCAT.	Beneficiary Category
199	XENR_RSV	Num	8	XENRRSV.	Enrollment by PCM type - Reservist
200	XINS_RSV	Num	8	XINSRSV.	Insurance Coverage - Reservist
201	XREGION	Num	3	CREG.	XREGION - Region
202	XTNEXRG2	Num	3	TNEX2_.	Revised TNEX Region - Definitions changed as of FY2019
203	USA	Num	3	USAMHS.	USA - USA/OCONUS Indicator
204	XOCONUS	Num	3	XOCONUS.	Overseas Europe/Pacific/Latin Indicator
205	OUTCATCH	Num	8	OCATCH.	Out of catchment area indicator
206	XSEXA	Num	8	HASEX.	Male or Female - R
207	XBMI	Num	8		Body Mass Index
208	XBMICAT	Num	3	XBMICAT.	Body Mass Index Category
209	XBNFGRP	Num	8	XBGC_S.	Beneficiary Group
210	KMILOPQY	Num	8	HAGRID.	Outpat. visits-use Military fcilty most
211	KCIVOPQY	Num	8	HAGRID.	Outpat. visits-use Civilian fcilty most
212	XSERVAFF	Num	3	XSERVAFF.	Service Affiliation
213	KCIVINS	Num	8	HAYNN2_.	Beneficiary covered by civilian insurance
214	HP_PRNTL	Num	8	PRNTL.	Prgrnt in 1st yr, receivd cre 1st trimstr
215	HP_MAMOG	Num	8	HAYNN.	Women 40>=, mammography in pst 2 yrs
216	HP_MAM50	Num	8	HAYNN.	Women 50>=, mammography in pst 2 yrs
217	HP_PAP	Num	8	HAYNN.	All women, Pap smear in last 3 yrs
218	HP_BP	Num	8	HAYNN2_.	Bld prsre chck in last 2 yrs, know rslts
219	HP_FLU	Num	8	HAYNN.	65 and older, flu shot in last 12 mnths
220	HP_OBESE	Num	8	HAYNN.	Obese/Morbidly obese
221	HP_SMOKE	Num	8	HAYNN.	Advised to quit smoking in last 12 mnths
222	HP_SMKH3	Num	8	SMOKE.	Smoker under HEDIS definition (modified)
223	HP_CESH3	Num	8	SMOKE.	Had smoking cessation counseling - HEDIS (modified)
224	DELGENRC	Char	3	\$DELGEN.	DEERS Eligibility-Enrollment Code
225	DENRGRPC	Char	1	\$DENRGR.	DEERS Enroll Group Code
226	XCATCH	Num	8	CACR.	XCATCH - Catchment Area (Reporting)
227	POSTCELL	Char	5		ps cell for new wts - for all 3 quarters
228	FWRWT1	Num	8		Replicated/JackKnife NEW Weight 1
229	FWRWT2	Num	8		Replicated/JackKnife NEW Weight 2
230	FWRWT3	Num	8		Replicated/JackKnife NEW Weight 3
231	FWRWT4	Num	8		Replicated/JackKnife NEW Weight 4
232	FWRWT5	Num	8		Replicated/JackKnife NEW Weight 5

233	FWRWT6	Num	8	Replicated/JackKnife	NEW	Weight	6
234	FWRWT7	Num	8	Replicated/JackKnife	NEW	Weight	7
235	FWRWT8	Num	8	Replicated/JackKnife	NEW	Weight	8
236	FWRWT9	Num	8	Replicated/JackKnife	NEW	Weight	9
237	FWRWT10	Num	8	Replicated/JackKnife	NEW	Weight	10
238	FWRWT11	Num	8	Replicated/JackKnife	NEW	Weight	11
239	FWRWT12	Num	8	Replicated/JackKnife	NEW	Weight	12
240	FWRWT13	Num	8	Replicated/JackKnife	NEW	Weight	13
241	FWRWT14	Num	8	Replicated/JackKnife	NEW	Weight	14
242	FWRWT15	Num	8	Replicated/JackKnife	NEW	Weight	15
243	FWRWT16	Num	8	Replicated/JackKnife	NEW	Weight	16
244	FWRWT17	Num	8	Replicated/JackKnife	NEW	Weight	17
245	FWRWT18	Num	8	Replicated/JackKnife	NEW	Weight	18
246	FWRWT19	Num	8	Replicated/JackKnife	NEW	Weight	19
247	FWRWT20	Num	8	Replicated/JackKnife	NEW	Weight	20
248	FWRWT21	Num	8	Replicated/JackKnife	NEW	Weight	21
249	FWRWT22	Num	8	Replicated/JackKnife	NEW	Weight	22
250	FWRWT23	Num	8	Replicated/JackKnife	NEW	Weight	23
251	FWRWT24	Num	8	Replicated/JackKnife	NEW	Weight	24
252	FWRWT25	Num	8	Replicated/JackKnife	NEW	Weight	25
253	FWRWT26	Num	8	Replicated/JackKnife	NEW	Weight	26
254	FWRWT27	Num	8	Replicated/JackKnife	NEW	Weight	27
255	FWRWT28	Num	8	Replicated/JackKnife	NEW	Weight	28
256	FWRWT29	Num	8	Replicated/JackKnife	NEW	Weight	29
257	FWRWT30	Num	8	Replicated/JackKnife	NEW	Weight	30
258	FWRWT31	Num	8	Replicated/JackKnife	NEW	Weight	31
259	FWRWT32	Num	8	Replicated/JackKnife	NEW	Weight	32
260	FWRWT33	Num	8	Replicated/JackKnife	NEW	Weight	33
261	FWRWT34	Num	8	Replicated/JackKnife	NEW	Weight	34
262	FWRWT35	Num	8	Replicated/JackKnife	NEW	Weight	35
263	FWRWT36	Num	8	Replicated/JackKnife	NEW	Weight	36
264	FWRWT37	Num	8	Replicated/JackKnife	NEW	Weight	37
265	FWRWT38	Num	8	Replicated/JackKnife	NEW	Weight	38
266	FWRWT39	Num	8	Replicated/JackKnife	NEW	Weight	39
267	FWRWT40	Num	8	Replicated/JackKnife	NEW	Weight	40
268	FWRWT41	Num	8	Replicated/JackKnife	NEW	Weight	41
269	FWRWT42	Num	8	Replicated/JackKnife	NEW	Weight	42
270	FWRWT43	Num	8	Replicated/JackKnife	NEW	Weight	43
271	FWRWT44	Num	8	Replicated/JackKnife	NEW	Weight	44
272	FWRWT45	Num	8	Replicated/JackKnife	NEW	Weight	45
273	FWRWT46	Num	8	Replicated/JackKnife	NEW	Weight	46
274	FWRWT47	Num	8	Replicated/JackKnife	NEW	Weight	47
275	FWRWT48	Num	8	Replicated/JackKnife	NEW	Weight	48
276	FWRWT49	Num	8	Replicated/JackKnife	NEW	Weight	49
277	FWRWT50	Num	8	Replicated/JackKnife	NEW	Weight	50
278	FWRWT51	Num	8	Replicated/JackKnife	NEW	Weight	51
279	FWRWT52	Num	8	Replicated/JackKnife	NEW	Weight	52
280	FWRWT53	Num	8	Replicated/JackKnife	NEW	Weight	53
281	FWRWT54	Num	8	Replicated/JackKnife	NEW	Weight	54
282	FWRWT55	Num	8	Replicated/JackKnife	NEW	Weight	55
283	FWRWT56	Num	8	Replicated/JackKnife	NEW	Weight	56
284	FWRWT57	Num	8	Replicated/JackKnife	NEW	Weight	57
285	FWRWT58	Num	8	Replicated/JackKnife	NEW	Weight	58
286	FWRWT59	Num	8	Replicated/JackKnife	NEW	Weight	59
287	FWRWT60	Num	8	Replicated/JackKnife	NEW	Weight	60
288	FWRWT	Num	8	Final	NEW	Weight	

APPENDIX G

RESPONSE RATE TABLES – QUARTER I

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

TABLE G.1

RESPONSE RATES BY ENROLLMENT AND BENEFICIARY CATEGORY– QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Active Duty	12.7	11.1
Active Duty fam,Prime,civ PCM	3.6	3.7
Active Duty fam,Prime,mil PCM	3.9	3.9
Active Duty fam,non-enrollee	3.4	3.5
Retired,<65,civ PCM	13.7	13.5
Retired,<65,mil PCM	13.4	13.1
Retired,<65,non-enrollee	11.3	12.4
Retired,65+,enrolled	23.5	23.4
Retired,65+,non-enrollee	23.7	23.8
TRICARE Reserve Select	8.8	8.8

TABLE G.2

RESPONSE RATES BY XOCONUS – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
In US/Missing Region	8.8	14.9
Europe	8.8	10.1
Western Pacific	8.3	10.3
Latin America	9.2	8.7

TABLE G.3

RESPONSE RATES BY SEX – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Male	11.8	16.4
Female	6.9	12.9

TABLE G.4

RESPONSE RATES BY CONUS/OCONUS INDICATOR – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Invalid/Missing	9.3	16.0
Not in USA	8.7	10.0
In USA	8.8	14.8

TABLE G.5

RESPONSE RATES BY BENEFICIARY CATEGORY – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	12.6	11.0
Dependent of Active Duty & Guard/Reserve	3.7	4.1
Retiree/Depend of Retiree/Survivor/Other 65+	23.7	23.8
Retiree/Depend of Retiree/Survivor/Other <65	12.7	12.9

TABLE G.6

RESPONSE RATES BY SAMPLING CATCHMENT AREA - QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Fox AHC-Redstone Arsenal	12.3	14.6
Lyster AHC-Ft. Rucker	8.1	8.5
42nd Medical Group-Maxwell	13.9	15.0
Bassett ACH-Ft. Wainwright	6.6	9.0
3rd Med Grp-Elmendorf	11.6	25.2
R W Bliss AHC-Ft. Huachuca	13.3	20.4
56th Med Grp-Luke	8.9	13.0
355th Med Grp-Davis Monthan	9.0	15.5
60th Med Grp-Travis	8.7	13.3
95th Med Grp-Edwards	9.0	11.4
NH Camp Pendleton	5.9	13.7
NBHC Port Hueneme	8.4	9.7
NH LeMoore	7.4	15.1
NMC San Diego	5.5	12.2
NH Twentynine Palms	7.0	9.7
Evans ACH-Ft. Carson	6.4	11.4
10th Med Group-USAF Academy CO	13.1	14.0
Walter Reed AMC-Washington DC	27.3	28.0
NH Pensacola	8.8	17.1
NH Jacksonville	6.2	14.1
96th Med Grp-Eglin	6.7	14.2
325th Med Grp-Tyndall	8.8	11.5
6th Med Grp-MacDill	10.9	14.8
45th Med Grp-Patrick	14.4	14.3
Eisenhower AMC-Ft. Gordon	7.3	16.1
Martin ACH-Ft. Benning	6.3	6.4
Winn ACH-Ft. Stewart	5.6	11.7
78th Med Grp-Robins	12.4	12.1
Tripler AMC-Ft. Shafter	6.8	12.0
366th Med Grp-Mountain Home	9.8	11.4
375th Med Grp-Scott	9.9	16.6
FHCC-Formerly NHC Great Lakes	6.1	7.8
Irwin ACH-Ft. Riley	7.7	9.0
Munson AHC-Ft. Leavenworth	11.6	18.1
Blanchfield ACH-Ft. Campbell	6.5	12.1
Ireland ACH-Ft. Knox	9.9	14.4
2nd Med Grp-Barksdale	7.0	8.3
Bayne-Jones ACH-Ft. Polk	6.5	12.7
779th Med Grp-Andrews	8.7	13.6
Walter Reed Natl Mil Med Cntr	10.1	16.6
NHC Patuxent River	8.6	10.3
Kimbrough Amb Car Cen-Ft Meade	10.5	13.3
81st Med Grp-Keesler	4.9	6.0
L. Wood ACH-Ft. Leonard Wood	8.1	13.7
55th Med Grp-Offutt	9.7	13.6
99th Med Grp-O'Callaghan Hosp	9.7	14.5
377th Med Grp-Kirtland	13.6	12.6
Keller ACH-West Point	7.7	6.1

TABLE G.6 (continued)

	Unweighted Response Rate	Weighted Response Rate
Womack AMC-Ft. Bragg	6.0	10.1
NH Camp Lejeune	4.3	7.8
NHC Cherry Point	7.0	14.9
88th Med Grp-Wright-Patterson	12.7	19.9
72nd Med Grp-Tinker	11.5	13.7
Reynolds ACH-Ft. Sill	7.1	10.4
20th Med Grp-Shaw	11.6	12.8
Naval Health Clinic Charleston	6.4	6.5
NH Beaufort	4.4	18.6
Moncrief ACH-Ft. Jackson	8.4	11.9
William Beaumont AMC-Ft. Bliss	6.3	11.8
Brooke AMC-Ft. Sam Houston	8.2	18.5
Darnall ACH-Ft. Hood	4.8	9.9
7th Med Grp-Dyess	8.2	10.3
82nd Med Grp-Sheppard	13.5	22.5
59th Med Wing-Lackland	10.5	13.7
NHC Corpus Christi	8.9	8.7
75th Med Grp-Hill	9.5	11.8
633rd Med Grp Langley-Eustis	11.0	18.9
McDonald AHC-Ft. Eustis	9.7	22.8
Kenner AHC-Ft. Lee	9.6	11.4
Ft Belvoir Community Hosp-FBCH	10.2	21.2
NMC Portsmouth	7.1	13.7
Madigan AMC-Ft. Lewis	6.8	12.5
NH Bremerton	7.3	9.0
NH Oak Harbor	6.4	8.4
92nd Med Grp-Fairchild	15.0	13.2
90th Med Grp-F.E. Warren	9.9	11.9
Weed ACH-Ft. Irwin	7.8	7.9
NBHC NAS North Island	11.8	12.7
21st Med Grp-Peterson	8.6	11.8
NHC Hawaii	9.1	9.8
NBHC Portsmouth	11.1	13.4
Guthrie AHC-Ft. Drum	6.9	7.9
NBHC Little Creek	6.6	8.4
NHC Quantico	10.5	13.2
NBHC Oceana	6.7	9.1
NBHC Mayport	7.7	10.5
NBHC NTC San Diego	8.9	11.6
NBHC Navsta Sewells	10.3	13.5
Landstuhl Regional Medcen	6.5	7.0
Bavaria Meddac	7.5	9.9
Brian Allgood ACH-Seoul	7.5	10.4
NH Guantanamo Bay	7.1	7.5
NH Naples	7.4	10.1
NH Guam-Agana	8.4	11.3
NH Okinawa	6.6	9.7
NH Yokosuka	6.2	8.0
BMC Iwakuni	16.0	13.3
48th Med Grp-Lakenheath	8.1	11.7

TABLE G.6 (continued)

	Unweighted Response Rate	Weighted Response Rate
374th Med Grp-Yokota AB	10.5	13.6
422 ABS Med Flt-Croughton	12.5	18.2
Eastern Missouri-St Louis Area	16.7	3.0
470 Med Flt-Geilenkirchen	16.7	25.7
18th Med Grp-Kadena AB	7.5	10.2
52nd Med Group-Spangdahlem	11.3	11.7
RAF Upwood	10.5	21.5
USCG Clinic Jacksonville	20.0	19.3
USCG Clinic Detroit	50.0	50.0
USCG Clinic Key West	0.0	0.0
TRICARE Outpatient-Chula Vista	10.6	8.9
Naval Health Care New England	8.3	12.2
Out of Catchment East Region	8.5	17.0
Out of Catchment West Region	9.5	15.9
Out of Catchment OCONUS	9.2	11.4

Note: The Sampling Catchment Area variable is only provided in the restricted use file to maintain respondent confidentiality.

TABLE G.7

RESPONSE RATES BY SERVICE AFFILIATION – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Missing/unknown	13.0	12.7
Army	7.6	12.0
Coast Guard	19.2	19.3
Air Force	10.3	14.7
Administrative	10.2	15.8
Support Contractor	7.4	12.0
Navy	9.7	19.7
National Capital Region Medical Director	8.0	16.0
Noncatchment	13.8	22.6
Uniformed Services Family Health Plan	13.0	12.7

TABLE G.8

RESPONSE RATES BY DHA FLAG – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Not DHA	8.8	14.6
DHA	7.6	15

TABLE G.9

RESPONSE RATES BY SERVICE – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
Army	7.7	13.5
Navy	8.3	13.7
Marine Corps	6.5	12.3
Air Force	10.5	17.4
Coast Guard	10.9	17.1
Other/Unknown	16.7	32.2

TABLE G.10

RESPONSE RATES BY TNEC REGION – QUARTER I, 2019

	Unweighted Response Rate	Weighted Response Rate
East	8.6	15.3
West	9.0	13.9
Overseas	8.8	10.8

TABLE G.11

RESPONSE RATES BY COMBINED GEOGRAPHIC AREA – QUARTER I, 2019

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
East	Fox AHC-Redstone Arsenal	12.3	14.6
East	Lyster AHC-Ft. Rucker	8.1	8.5
East	42nd Medical Group-Maxwell	13.9	15.0
East	Walter Reed AMC-Washington DC	27.3	28.0
East	NH Pensacola	8.8	17.1
East	NH Jacksonville	6.2	14.1
East	96th Med Grp-Eglin	6.7	14.2
East	325th Med Grp-Tyndall	8.8	11.5
East	6th Med Grp-MacDill	10.9	14.8
East	45th Med Grp-Patrick	14.4	14.3
East	Eisenhower AMC-Ft. Gordon	7.3	16.1
East	Martin ACH-Ft. Benning	6.3	6.4
East	Winn ACH-Ft. Stewart	5.6	11.7
East	78th Med Grp-Robins	12.4	12.1
East	375th Med Grp-Scott	9.9	16.6
East	FHCC-Formerly NHC Great Lakes	6.1	7.8
East	Blanchfield ACH-Ft. Campbell	6.5	12.1
East	Ireland ACH-Ft. Knox	9.9	14.4
East	2nd Med Grp-Barksdale	7.0	8.3
East	Bayne-Jones ACH-Ft. Polk	6.5	12.7
East	779th Med Grp-Andrews	8.7	13.6
East	Walter Reed Natl Mil Med Cntr	10.1	16.6
East	NHC Patuxent River	8.6	10.3
East	Kimbrough Amb Car Cen-Ft Meade	10.5	13.3
East	81st Med Grp-Keesler	4.9	6.0
East	Keller ACH-West Point	7.7	6.1
East	Womack AMC-Ft. Bragg	6.0	10.1
East	NH Camp Lejeune	4.3	7.8
East	NHC Cherry Point	7.0	14.9
East	88th Med Grp-Wright-Patterson	12.7	19.9
East	72nd Med Grp-Tinker	11.5	13.7
East	Reynolds ACH-Ft. Sill	7.1	10.4
East	20th Med Grp-Shaw	11.6	12.8
East	Naval Health Clinic Charleston	6.4	6.5
East	NH Beaufort	4.4	18.6
East	Moncrief ACH-Ft. Jackson	8.4	11.9
East	Brooke AMC-Ft. Sam Houston	8.2	18.5
East	Darnall ACH-Ft. Hood	4.8	9.9
East	7th Med Grp-Dyess	8.2	10.3
East	82nd Med Grp-Sheppard	13.5	22.5
East	59th Med Wing-Lackland	10.5	13.7
East	NHC Corpus Christi	8.9	8.7
East	633rd Med Grp Langley-Eustis	11.0	18.9
East	McDonald AHC-Ft. Eustis	9.7	22.8
East	Kenner AHC-Ft. Lee	9.6	11.4
East	Ft Belvoir Community Hosp-FBCH	10.2	21.2
East	NMC Portsmouth	7.1	13.7
East	NBHC Portsmouth	11.1	13.4

TABLE G.11 (continued)

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
East	Guthrie AHC-Ft. Drum	6.9	7.9
East	NBHC Little Creek	6.6	8.4
East	NHC Quantico	10.5	13.2
East	NBHC Oceana	6.7	9.1
East	NBHC Mayport	7.7	10.5
East	NBHC Navsta Sewells	10.3	13.5
East	USCG Clinic Jacksonville	20.0	19.3
East	USCG Clinic Detroit	50.0	50.0
East	USCG Clinic Key West	0.0	0.0
East	Naval Health Care New England	8.3	12.2
East	Out of Catchment East Region	8.5	17.0
East	Out of Catchment OCONUS	5.9	9.1
West	Bassett ACH-Ft. Wainwright	6.6	9.0
West	3rd Med Grp-Elmendorf	11.6	25.2
West	R W Bliss AHC-Ft. Huachuca	13.3	20.4
West	56th Med Grp-Luke	8.9	13.0
West	355th Med Grp-Davis Monthan	9.0	15.5
West	60th Med Grp-Travis	8.7	13.3
West	95th Med Grp-Edwards	9.0	11.4
West	NH Camp Pendleton	5.9	13.7
West	NBHC Port Hueneme	8.4	9.7
West	NH LeMoore	7.4	15.1
West	NMC San Diego	5.5	12.2
West	NH Twentynine Palms	7.0	9.7
West	Evans ACH-Ft. Carson	6.4	11.4
West	10th Med Group-USAF Academy CO	13.1	14.0
West	Tripler AMC-Ft. Shafter	6.8	12.0
West	366th Med Grp-Mountain Home	9.8	11.4
West	Irwin ACH-Ft. Riley	7.7	9.0
West	Munson AHC-Ft. Leavenworth	11.6	18.1
West	L. Wood ACH-Ft. Leonard Wood	8.1	13.7
West	55th Med Grp-Offutt	9.7	13.6
West	99th Med Grp-O'Callaghan Hosp	9.7	14.5
West	377th Med Grp-Kirtland	13.6	12.6
West	William Beaumont AMC-Ft. Bliss	6.3	11.8
West	75th Med Grp-Hill	9.5	11.8
West	Madigan AMC-Ft. Lewis	6.8	12.5
West	NH Bremerton	7.3	9.0
West	NH Oak Harbor	6.4	8.4
West	92nd Med Grp-Fairchild	15.0	13.2
West	90th Med Grp-F.E. Warren	9.9	11.9
West	Weed ACH-Ft. Irwin	7.8	7.9
West	NBHC NAS North Island	11.8	12.7
West	21st Med Grp-Peterson	8.6	11.8
West	NHC Hawaii	9.1	9.8
West	NBHC NTC San Diego	8.9	11.6
West	Eastern Missouri-St Louis Area	16.7	3.0
West	TRICARE Outpatient-Chula Vista	10.6	8.9
West	Out of Catchment West Region	9.5	15.9
West	Out of Catchment OCONUS	5.8	10.3

TABLE G.11 (continued)

TNEX Region	Catchment Area	Unweighted Response Rate	Weighted Response Rate
Overseas	Landstuhl Regional Medcen	6.5	7.0
Overseas	Bavaria Meddac	7.5	9.9
Overseas	Brian Allgood ACH-Seoul	7.5	10.4
Overseas	NH Guantanamo Bay	7.1	7.5
Overseas	NH Naples	7.4	10.1
Overseas	NH Guam-Agana	8.4	11.3
Overseas	NH Okinawa	6.6	9.7
Overseas	NH Yokosuka	6.2	8.0
Overseas	BMC Iwakuni	16.0	13.3
Overseas	48th Med Grp-Lakenheath	8.1	11.7
Overseas	374th Med Grp-Yokota AB	10.5	13.6
Overseas	422 ABS Med Flt-Croughton	12.5	18.2
Overseas	470 Med Flt-Geilenkirchen	17.1	26.5
Overseas	18th Med Grp-Kadena AB	7.5	10.2
Overseas	52nd Med Group-Spangdahlem	11.3	11.7
Overseas	RAF Upwood	10.5	21.5
Overseas	Out of Catchment OCONUS	9.4	12.9

Note: The Sampling Catchment Area variable is only provided on the restricted use file to maintain respondent confidentiality.

TABLE G.12

RESPONSE RATES BY BENEFICIARY CATEGORY AND SEX – QUARTER I, 2019

Beneficiary Category	Sex	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Male	12.1	10.5
Active Duty and Guard/Reserve	Female	14.9	13.7
Dependent of Active Duty & Guard/Reserve	Male	2.2	2.8
Dependent of Active Duty & Guard/Reserve	Female	4.0	4.3
Retiree/Depend of Retiree/Survivor/Other 65+	Male	29.0	29.1
Retiree/Depend of Retiree/Survivor/Other 65+	Female	19.3	19.4
Retiree/Depend of Retiree/Survivor/Other <65	Male	14.0	14.1
Retiree/Depend of Retiree/Survivor/Other <65	Female	11.4	11.8

TABLE G.13

RESPONSE RATES BY BENEFICIARY CATEGORY AND SERVICE – QUARTER I, 2019

Beneficiary	Service	Unweighted Response Rate	Weighted Response Rate
Active Duty and Guard/Reserve	Army	10.6	9.8
Active Duty and Guard/Reserve	Navy	10.1	8.7
Active Duty and Guard/Reserve	Marine Corps	7.9	7.3
Active Duty and Guard/Reserve	Air Force	15.5	15.5
Active Duty and Guard/Reserve	Coast Guard	20.6	19.3
Active Duty and Guard/Reserve	Other/Unknown	39.8	39.7
Dependent of Active Duty & Guard/Reserve	Army	3.7	3.9
Dependent of Active Duty & Guard/Reserve	Navy	3.8	4.1
Dependent of Active Duty & Guard/Reserve	Marine Corps	2.9	2.9
Dependent of Active Duty & Guard/Reserve	Air Force	3.9	4.7
Dependent of Active Duty & Guard/Reserve	Coast Guard	4.3	4.4
Dependent of Active Duty & Guard/Reserve	Other/Unknown	7.7	8.8
Retiree/Depend of Retiree/Survivor/Other 65+	Army	23.6	23.6
Retiree/Depend of Retiree/Survivor/Other 65+	Navy	20.7	20.9
Retiree/Depend of Retiree/Survivor/Other 65+	Marine Corps	29.1	29.0
Retiree/Depend of Retiree/Survivor/Other 65+	Air Force	24.6	24.8
Retiree/Depend of Retiree/Survivor/Other 65+	Coast Guard	26.8	25.7
Retiree/Depend of Retiree/Survivor/Other 65+	Other/Unknown	50.0	52.0
Retiree/Depend of Retiree/Survivor/Other <65	Army	11.2	11.3
Retiree/Depend of Retiree/Survivor/Other <65	Navy	12.9	13.7
Retiree/Depend of Retiree/Survivor/Other <65	Marine Corps	11.8	11.8
Retiree/Depend of Retiree/Survivor/Other <65	Air Force	14.0	14.7
Retiree/Depend of Retiree/Survivor/Other <65	Coast Guard	15.2	14.8
Retiree/Depend of Retiree/Survivor/Other <65	Other/Unknown	21.6	20.1