APPENDIX H

SAS CODE FOR TRICARE CONSUMER WATCH

1. GENERATE COMPOSITE SCORES FOR CHRONIC CONDITIONS

```
*******************************************************************************
* PROJECT: 8687-220
* PROGRAM: FIGURES5TO9.SAS
* PURPOSE: To produce numbers that go into data sheet for figures 5-9
*         Includes: Intent to disenroll
*                   4 charts on chronic conditions
* AUTHOR : MIKI SATAKE and NATALIE JUSTH
* DATE   : 5/08/01
* INPUT  : (2000) J:\DOD\Q1_2000\DATA\AFINAL\HCS001_1.SD2
*         (1999) J:\8687\DATA1999\AFINAL\MCS99A_5.SD2
* OUTPUT : J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\FIG5TO9.SD2
*******************************************************************************;
LIBNAME J1 'J:\8687\DATA1999\AFINAL';
LIBNAME J2 'J:\DOD\Q1_2000\DATA\AFINAL';
LIBNAME OUT 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS';

TITLE '8687-220 DOD SHORT REPORT Q1';

LIBNAME LIBRARY 'J:\8687\DATA1999\AFINAL\FMTLIB';
DATA HCS99A_5(KEEP=TOTAL H99072 XBNFGRP XENRLLMT XREGION WRWT99 SERVAFF CONUS);
  SET J1.HCS99A_5;
  TOTAL=1;
  IF XREGION=7 THEN XREGION=8;
RUN;

LIBNAME LIBRARY 'J:\DOD\Q1_2000\DATA\AFINAL\FMTLIB';
DATA HCS001_1(KEEP=TOTAL H00057 XBNFGRP XENRLLMT XREGION WRWT S00C18 S00C09 S00C11 S00C13
S00C10 XINS_COV
              S00C12 S00C14 SERVAFF CONUS);
  SET J2.HCS001_1;
  TOTAL=1;
  IF XREGION=7 THEN XREGION=8;
RUN;

*******************************************************************************
* FIGURE 5: Plans to Disenroll
*******************************************************************************;

TITLE2 'Figure 5: Plans to Disenroll';

/*1999 MHS*/
PROC FREQ DATA=HCS99A_5;
  WHERE (CONUS=1 AND H99072 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=MHSNUM99(RENAME=(COUNT=MHSNUM));
  WEIGHT WRWT99;
RUN;
PROC FREQ DATA=HCS99A_5;
  WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=MHSDEN99(RENAME=(COUNT=MHSDEN));
  WEIGHT WRWT99;
RUN;

/*1999 REGION*/
PROC SORT DATA=HCS99A_5;BY XREGION;RUN;
PROC FREQ DATA=HCS99A_5;
  WHERE (H99072 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG599N(RENAME=(COUNT=FIG5NUM));
  WEIGHT WRWT99;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS99A_5;
  WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG599D(RENAME=(COUNT=FIG5DEN));
  WEIGHT WRWT99;
  BY XREGION;
RUN;

/*1999 Service Affiliation*/
PROC SORT DATA=HCS99A_5;BY SERVAFF;RUN;
```

```
PROC FREQ DATA=HCS99A_5;
  WHERE (H99072 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG599SN(RENAME=(COUNT=FIG5NUMS));
  WEIGHT WRWT99;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS99A_5;
  WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG599SD(RENAME=(COUNT=FIG5DENS));
  WEIGHT WRWT99;
  BY SERVAFF;
RUN;
DATA MHS599;
  MERGE MHSNUM99 MHSDEN99;
  BY TOTAL;
  LENGTH BENTYPE $35;
  BENTYPE = '1999';
  IF MHSDEN<4000 THEN COL2=.;
    ELSE COL2 = (MHSNUM / MHSDEN)*100;
  ROW = 21;
RUN;
DATA REG599;
  MERGE FIG599N FIG599D;
  BY XREGION;
  LENGTH BENTYPE $35;
  BENTYPE = '1999';
  IF FIG5DEN<4000 THEN COL3=.;
    ELSE COL3 = (FIG5NUM / FIG5DEN)*100;
  ROW = 21;
RUN;
DATA SRV599;
  MERGE FIG599SN FIG599SD;
  BY SERVAFF;
  LENGTH BENTYPE $35;
  BENTYPE = '1999';
  IF FIG5DENS<4000 THEN COL3=.;
    ELSE COL3 = (FIG5NUMS / FIG5DENS)*100;
  ROW = 21;
RUN;
DATA FIG599(DROP=TOTAL PERCENT MHSNUM MHSDEN FIG5NUM FIG5DEN FIG5NUMS FIG5DENS);
  SET MHS599 REG599 SRV599;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 5';
RUN;

/*2000 MHS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=MHSNUM00(RENAME=(COUNT=MHSNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=MHSDEN00(RENAME=(COUNT=MHSDEN));
  WEIGHT WRWT;
RUN;

/*2000 REGION*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG500N(RENAME=(COUNT=FIG5NUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG500D(RENAME=(COUNT=FIG5DEN));
  WEIGHT WRWT;
  BY XREGION;
```

```
RUN;

/*2000 Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG500SN(RENAME=(COUNT=FIG5NUMS));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
  TABLES TOTAL / OUT=FIG500SD(RENAME=(COUNT=FIG5DENS));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
DATA MHS500;
  MERGE MHSNUM00 MHSDEN00;
  BY TOTAL;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  IF MHSDEN<4000 THEN COL2=.;
    ELSE COL2 = (MHSNUM / MHSDEN)*100;
  ROW = 22;
RUN;
DATA REG500;
  MERGE FIG500N FIG500D;
  BY XREGION;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  IF FIG5DEN<4000 THEN COL3=.;
    ELSE COL3 = (FIG5NUM / FIG5DEN)*100;
  ROW = 22;
RUN;
DATA SRV500;
  MERGE FIG500SN FIG500SD;
  BY SERVAFF;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  IF FIG5DENS<4000 THEN COL3=.;
    ELSE COL3 = (FIG5NUMS / FIG5DENS)*100;
  ROW = 22;
RUN;
DATA FIG500(DROP=TOTAL PERCENT MHSNUM MHSDEN FIG5NUM FIG5DEN FIG5NUMS FIG5DENS);
  SET MHS500 REG500 SRV500;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 5';
RUN;

*******************************************************************************
* FIGURE 6: Chronic Conditions Health Plan Ratings
*******************************************************************************;

TITLE2 'Figure 6: Chronic Conditions Health Plan Ratings';

/*2000 Prime CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1,
2));
  TABLES TOTAL / OUT=PRMNUMC(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENC(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
RUN;

/*2000 Standard/Extra CONUS*/
PROC FREQ DATA=HCS001_1;
```

```
  WHERE (CONUS=1 AND S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMC(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENC(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
RUN;

/*2000 All TRICARE CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1,
2, 3));
  TABLES TOTAL / OUT=ALLNUMC(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENC(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
RUN;

/*2000 Prime by Region*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUM(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDEN(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Standard/Extra by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUM(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDEN(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 All TRICARE by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUM(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDEN(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Prime by Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2));
```

```
  TABLES TOTAL / OUT=PRMNUMS(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENS(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 Standard/Extra by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMS(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENS(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 All TRICARE by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18 IN (8, 9, 10) AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMS(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C18>0 AND (S00C09=1 OR S00C11=1 OR S00C13=1) AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENS(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
DATA FIG6CON(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMC PRMDENC EXTNUMC EXTDENC ALLNUMC ALLDENC;
  BY TOTAL;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 6';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 32;
RUN;
DATA FIG6REG(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN;
  BY XREGION;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 6';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 33;
RUN;
DATA FIG6SRV(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMS PRMDENS EXTNUMS EXTDENS ALLNUMS ALLDENS;
  BY SERVAFF;
  LENGTH FIGURE $12;
```

```
  FIGURE = 'FIGURE 6';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 33;
RUN;

*******************************************************************************
* FIGURE 7: Chronic Conditions Equipment
*******************************************************************************;

TITLE2 'Figure 7: Chronic Conditions Equipment';

/*2000 Prime CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMC(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENC(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
RUN;

/*2000 Standard/Extra CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMC(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENC(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
RUN;

/*2000 All TRICARE CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMC(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C10>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENC(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
RUN;

/*2000 Prime by Region*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUM(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDEN(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Standard/Extra by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV = 3);
```

```
  TABLES TOTAL / OUT=EXTNUM(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDEN(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 All TRICARE by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUM(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDEN(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Prime by Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMS(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENS(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 Standard/Extra by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMS(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENS(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 All TRICARE by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMS(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C10>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENS(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
DATA FIG7CON(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMC PRMDENC EXTNUMC EXTDENC ALLNUMC ALLDENC;
  BY TOTAL;
```

```
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 7';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 38;
RUN;
DATA FIG7REG(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN;
  BY XREGION;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 7';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 39;
RUN;
DATA FIG7SRV(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMS PRMDENS EXTNUMS EXTDENS ALLNUMS ALLDENS;
  BY SERVAFF;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 7';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 39;
RUN;

*******************************************************************************
* FIGURE 8: Chronic Conditions Therapy
*******************************************************************************;

TITLE2 'Figure 8: Chronic Conditions Therapy';

/*2000 Prime CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMC(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENC(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
RUN;

/*2000 Standard/Extra CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMC(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENC(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
RUN;

/*2000 All TRICARE CONUS*/
```

```
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMC(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C12>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENC(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
RUN;

/*2000 Prime by Region*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUM(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDEN(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Standard/Extra by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUM(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDEN(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 All TRICARE by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUM(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDEN(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Prime by Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMS(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENS(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 Standard/Extra by Service Affiliation*/
```

```
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMS(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENS(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 All TRICARE by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMS(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C12>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENS(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
DATA FIG8CON(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMC PRMDENC EXTNUMC EXTDENC ALLNUMC ALLDENC;
  BY TOTAL;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 8';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 44;
RUN;
DATA FIG8REG(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN;
  BY XREGION;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 8';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 45;
RUN;
DATA FIG8SRV(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMS PRMDENS EXTNUMS EXTDENS ALLNUMS ALLDENS;
  BY SERVAFF;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 8';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 45;
RUN;

*******************************************************************************
* FIGURE 9: Chronic Conditions Home Health Assistance
```

```
*******************************************************************************;

TITLE2 'Figure 9: Chronic Conditions Home Health';

/*2000 Prime CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMC(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENC(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
RUN;

/*2000 Standard/Extra CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMC(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENC(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
RUN;

/*2000 All TRICARE CONUS*/
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMC(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (CONUS=1 AND S00C14>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENC(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
RUN;

/*2000 Prime by Region*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUM(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDEN(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Standard/Extra by Region*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUM(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDEN(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 All TRICARE by Region*/
```

```
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUM(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDEN(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY XREGION;
RUN;

/*2000 Prime by Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMNUMS(RENAME=(COUNT=PRMNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV IN (1, 2));
  TABLES TOTAL / OUT=PRMDENS(RENAME=(COUNT=PRMDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 Standard/Extra by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTNUMS(RENAME=(COUNT=EXTNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV = 3);
  TABLES TOTAL / OUT=EXTDENS(RENAME=(COUNT=EXTDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

/*2000 All TRICARE by Service Affiliation*/
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14=3 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLNUMS(RENAME=(COUNT=ALLNUM));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
  WHERE (S00C14>=1 AND XINS_COV IN (1, 2, 3));
  TABLES TOTAL / OUT=ALLDENS(RENAME=(COUNT=ALLDEN));
  WEIGHT WRWT;
  BY SERVAFF;
RUN;

DATA FIG9CON(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMC PRMDENC EXTNUMC EXTDENC ALLNUMC ALLDENC;
  BY TOTAL;
  LENGTH BENTYPE $35;
  BENTYPE = 'January, 2000 to December, 2000';
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 9';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 50;
```

```
RUN;
DATA FIG9REG(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN;
  BY XREGION;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 9';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 51;
RUN;
DATA FIG9SRV(DROP=TOTAL PERCENT PRMNUM PRMDEN EXTNUM EXTDEN ALLNUM ALLDEN);
  MERGE PRMNUMS PRMDENS EXTNUMS EXTDENS ALLNUMS ALLDENS;
  BY SERVAFF;
  LENGTH FIGURE $12;
  FIGURE = 'FIGURE 9';
  IF ALLDEN<4000 THEN COL2=.;
    ELSE COL2 = (ALLNUM / ALLDEN)*100;
  IF EXTDEN<4000 THEN COL3=.;
    ELSE COL3 = (EXTNUM / EXTDEN)*100;
  IF PRMDEN<4000 THEN COL4=.;
    ELSE COL4 = (PRMNUM / PRMDEN)*100;
  ROW = 51;
RUN;

DATA OUT.FIG5TO9;
  SET FIG599 FIG500 FIG6CON FIG6REG FIG6SRV FIG7CON FIG7REG FIG7SRV
     FIG8CON FIG8REG FIG8SRV FIG9CON FIG9REG FIG9SRV;
  LENGTH REGION $20;
  IF XREGION=1 THEN REGION='Region 1';
    ELSE IF XREGION=2 THEN REGION='Region 2';
    ELSE IF XREGION=3 THEN REGION='Region 3';
    ELSE IF XREGION=4 THEN REGION='Region 4';
    ELSE IF XREGION=5 THEN REGION='Region 5';
    ELSE IF XREGION=6 THEN REGION='Region 6';
    ELSE IF XREGION=8 THEN REGION='Region 7/8';
    ELSE IF XREGION=9 THEN REGION='Region 9';
    ELSE IF XREGION=10 THEN REGION='Region 10';
    ELSE IF XREGION=11 THEN REGION='Region 11';
    ELSE IF XREGION=12 THEN REGION='Region 12';
    ELSE IF XREGION=13 THEN REGION='Europe';
    ELSE IF XREGION=14 THEN REGION='Asia';
    ELSE IF XREGION=15 THEN REGION='Latin America';
    ELSE IF XREGION=16 THEN REGION='Alaska';
    ELSE IF SERVAFF='A' THEN REGION='Army';
    ELSE IF SERVAFF='N' THEN REGION='Navy';
    ELSE IF SERVAFF='F' THEN REGION='Air Force';
  PROC SORT;
  BY ROW;
RUN;
PROC PRINT;
RUN;
```

2. GENERATE COMPOSITE SCORES FOR POPULATION OVER AGE 65

```
OPTIONS PS=63 LS=200 COMPRESS=NO ERRORS=2 NOCENTER SOURCE2 NOFMTERR;
*****************************************************************************
* PROJECT: 8687-220
* PROGRAM: FIGURES5TO9.SAS
* PURPOSE: To produce numbers that go into data sheet for figures 5-9
*          Includes: Intent to disenroll
*                    4 charts on population over age 65
* AUTHOR : MIKI SATAKE and NATALIE JUSTH
* DATE   : 5/08/01
* UPDATED: 7/16/01 FOR QUARTER 2
* INPUT  : (2000-Q2) J:\DOD\Q2_2000\DATA\AFINAL\HCS002_1.SD2
*          (2000-Q1) J:\DOD\Q1_2000\DATA\AFINAL\HCS001_1.SD2
* OUTPUT : J:\DOD\Q2_2000\PROGRAMS\SHORTREPORTS\FIG5TO9.SD2
```

```
*******************************************************************************;
LIBNAME J1 'J:\DOD\Q1_2000\DATA\AFINAL';
LIBNAME J2 'J:\DOD\Q2_2000\DATA\AFINAL';
LIBNAME OUT 'J:\DOD\Q2_2000\PROGRAMS\SHORTREPORTS';

TITLE '8687-220 DOD SHORT REPORT Q2';

LIBNAME LIBRARY 'J:\DOD\Q1_2000\DATA\AFINAL\FMTLIB';
DATA HCS001_1(KEEP=TOTAL CONUS H00057 XBNFGRP XENRLLMT WRWT XREGION SERVAFF);
   SET J1.HCS001_1;
   TOTAL=1;
   IF XREGION=7 THEN XREGION=8;
RUN;

LIBNAME LIBRARY 'J:\DOD\Q2_2000\DATA\AFINAL\FMTLIB';
DATA HCS002_1(KEEP=TOTAL CONUS H00057 XBNFGRP XENRLLMT WRWT XREGION SERVAFF STOVER65
H00040 S00A02 S00A05A
              S00A05B S00A05C S00A05D S00A05E S00A05F S00A05G S00A05H S00A12 S00A10
S00A11A S00A11B S00A11C
              S00A11D S00A11E S00A11F S00A11G S00A11H S00A11I S00A11J H00038);
   SET J2.HCS002_1;
   TOTAL=1;
   IF XREGION=7 THEN XREGION=8;

   ***************************************;
   * DEFINE OVER 65 FOR SPECIAL TOPIC     ;
   ***************************************;

   IF DAGEQY>=65 AND XENRLLMT NE 5 THEN STOVER65=1;
RUN;

*******************************************************************************
* FIGURE 5: Plans to Disenroll
*******************************************************************************;

TITLE2 'Figure 5: Plans to Disenroll';

/*2000 QUARTER 1 MHS*/
PROC FREQ DATA=HCS001_1;
   WHERE (CONUS=1 AND H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSNUMQ1(RENAME=(COUNT=MHSNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDENQ1(RENAME=(COUNT=MHSDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS001_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDEQ1U(RENAME=(COUNT=MHSDENU));
RUN;

/*2000 QUARTER 1 Region*/
PROC SORT DATA=HCS001_1;BY XREGION;RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q1N(RENAME=(COUNT=FIG5NUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q1D(RENAME=(COUNT=FIG5DEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS001_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
```

```
   TABLES TOTAL / OUT=FIG5Q1DU(RENAME=(COUNT=FIG5DENU));
   BY XREGION;
RUN;

/*2000 QUARTER 1 Service Affiliation*/
PROC SORT DATA=HCS001_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q1SN(RENAME=(COUNT=FIG5NUMS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q1SD(RENAME=(COUNT=FIG5DENS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS001_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FG5Q1SDU(RENAME=(COUNT=FG5DENSU));
   BY SERVAFF;
RUN;

DATA MHS5Q1;
   MERGE MHSNUMQ1 MHSDENQ1 MHSDEQ1U;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'January, 2000 to December, 2000';
   IF (MHSDEN<200 OR MHSDENU<30) THEN COL2=.;
      ELSE COL2 = (MHSNUM / MHSDEN)*100;
   ROW = 21;
RUN;
DATA REG5Q1;
   MERGE FIG5Q1N FIG5Q1D FIG5Q1DU;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'January, 2000 to December, 2000';
   IF (FIG5DEN<200 OR FIG5DENU<30) THEN COL3=.;
      ELSE COL3 = (FIG5NUM / FIG5DEN)*100;
   ROW = 21;
RUN;
DATA SRV5Q1;
   MERGE FIG5Q1SN FIG5Q1SD FG5Q1SDU;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'January, 2000 to December, 2000';
   IF (FIG5DENS<200 OR FG5DENSU<30) THEN COL3=.;
      ELSE COL3 = (FIG5NUMS / FIG5DENS)*100;
   ROW = 21;
RUN;
DATA FIG5Q1(DROP=TOTAL PERCENT MHSNUM MHSDEN MHSDENU FIG5NUM FIG5DEN FIG5DENU FIG5NUMS
FIG5DENS FG5DENSU);
   SET MHS5Q1 REG5Q1 SRV5Q1;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 5';
RUN;

/*2000 QUARTER 2 MHS*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSNUMQ2(RENAME=(COUNT=MHSNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDENQ2(RENAME=(COUNT=MHSDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
```

```
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDEQ2U(RENAME=(COUNT=MHSDENU));
RUN;

/*2000 QUARTER 2 Region*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q2N(RENAME=(COUNT=FIG5NUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q2D(RENAME=(COUNT=FIG5DEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q2DU(RENAME=(COUNT=FIG5DENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 Service Affiliation*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q2SN(RENAME=(COUNT=FIG5NUMS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5Q2SD(RENAME=(COUNT=FIG5DENS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FG5Q2SDU(RENAME=(COUNT=FG5DENSU));
   BY SERVAFF;
RUN;

DATA MHS5Q2;
   MERGE MHSNUMQ2 MHSDENQ2 MHSDEQ2U;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   IF (MHSDEN<200 OR MHSDENU<30) THEN COL2=.;
      ELSE COL2 = (MHSNUM / MHSDEN)*100;
   ROW = 22;
RUN;
DATA REG5Q2;
   MERGE FIG5Q2N FIG5Q2D FIG5Q2DU;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   IF (FIG5DEN<200 OR FIG5DENU<30) THEN COL3=.;
      ELSE COL3 = (FIG5NUM / FIG5DEN)*100;
   ROW = 22;
RUN;
DATA SRV5Q2;
   MERGE FIG5Q2SN FIG5Q2SD FG5Q2SDU;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   IF (FIG5DENS<200 OR FG5DENSU<30) THEN COL3=.;
```

```
      ELSE COL3 = (FIG5NUMS / FIG5DENS)*100;
   ROW = 22;
RUN;
DATA FIG5Q2(DROP=TOTAL PERCENT MHSNUM MHSDEN MHSDENU FIG5NUM FIG5DEN FIG5DENU FIG5NUMS
FIG5DENS FG5DENSU);
   SET MHS5Q2 REG5Q2 SRV5Q2;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 5';
RUN;

*******************************************************************************
* FIGURE 6: Over age 65 Current MTF Uses
*******************************************************************************;

TITLE2 'Figure 6: Over age 65 Current MTF Uses';

/*2000 QUARTER 2 CONUS - PRESCRIPTION DRUGS*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040 IN (1,2,3) AND S00A02>0));
   TABLES TOTAL / OUT=DRGNUMC(RENAME=(COUNT=DRGNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDENC(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDENCU(RENAME=(COUNT=DRGDENU));
RUN;

/*2000 QUARTER 2 CONUS - EMERGENCY OR URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND ((S00A05A=1 OR S00A05B=1) AND H00040>0));
   TABLES TOTAL / OUT=EMRNUMC(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDENC(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDENCU(RENAME=(COUNT=EMRDENU));
RUN;

/*2000 QUARTER 2 CONUS - DON'T USE MTF*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040=4 AND (S00A02=2 OR (S00A02=1 AND S00A05A=2
AND S00A05B=2 AND
          S00A05C=2 AND S00A05D=2 AND S00A05E=2 AND S00A05F=2 AND S00A05G=2 AND
S00A05H=2))));
   TABLES TOTAL / OUT=DNTNUMC(RENAME=(COUNT=DNTNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DNTDENC(RENAME=(COUNT=DNTDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DNTDENCU(RENAME=(COUNT=DNTDENU));
RUN;

/*2000 QUARTER 2 CONUS - OTHER MEDICAL CARE*/
```

```
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND ((S00A05C=1 OR S00A05D=1 OR S00A05E=1 OR S00A05F=1
OR S00A05G=1 OR
          S00A05H=1) AND H00040>0));
   TABLES TOTAL / OUT=OTHNUMC(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDENC(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDENCU(RENAME=(COUNT=OTHDENU));
RUN;

/*2000 QUARTER 2 BY REGION - PRESCRIPTION DRUGS*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040 IN (1,2,3) AND S00A02>0));
   TABLES TOTAL / OUT=DRGNUM(RENAME=(COUNT=DRGNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDEN(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDENU(RENAME=(COUNT=DRGDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - EMERGENCY OR URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND ((S00A05A=1 OR S00A05B=1) AND H00040>0));
   TABLES TOTAL / OUT=EMRNUM(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDEN(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDENU(RENAME=(COUNT=EMRDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - DON'T USE MTF*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040=4 AND (S00A02=2 OR (S00A02=1 AND S00A05A=2 AND S00A05B=2
AND
          S00A05C=2 AND S00A05D=2 AND S00A05E=2 AND S00A05F=2 AND S00A05G=2 AND
S00A05H=2))));
   TABLES TOTAL / OUT=DNTNUM(RENAME=(COUNT=DNTNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
```

```
   TABLES TOTAL / OUT=DNTDEN(RENAME=(COUNT=DNTDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DNTDENU(RENAME=(COUNT=DNTDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - OTHER MEDICAL CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND ((S00A05C=1 OR S00A05D=1 OR S00A05E=1 OR S00A05F=1 OR S00A05G=1
OR
          S00A05H=1) AND H00040>0));
   TABLES TOTAL / OUT=OTHNUM(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDEN(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDENU(RENAME=(COUNT=OTHDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - PRESCRIPTION DRUGS*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040 IN (1,2,3) AND S00A02>0));
   TABLES TOTAL / OUT=DRGNUMS(RENAME=(COUNT=DRGNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDENS(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DRGDENSU(RENAME=(COUNT=DRGDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - EMERGENCY OR URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND ((S00A05A=1 OR S00A05B=1) AND H00040>0));
   TABLES TOTAL / OUT=EMRNUMS(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDENS(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=EMRDENSU(RENAME=(COUNT=EMRDENU));
```

```
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - DON'T USE MTF*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040=4 AND (S00A02=2 OR (S00A02=1 AND S00A05A=2 AND S00A05B=2
AND
          S00A05C=2 AND S00A05D=2 AND S00A05E=2 AND S00A05F=2 AND S00A05G=2 AND
S00A05H=2))));
   TABLES TOTAL / OUT=DNTNUMS(RENAME=(COUNT=DNTNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DNTDENS(RENAME=(COUNT=DNTDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=DNTDENSU(RENAME=(COUNT=DNTDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - OTHER MEDICAL CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND ((S00A05C=1 OR S00A05D=1 OR S00A05E=1 OR S00A05F=1 OR S00A05G=1
OR
          S00A05H=1) AND H00040>0));
   TABLES TOTAL / OUT=OTHNUMS(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDENS(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (H00040>0 AND S00A02>0));
   TABLES TOTAL / OUT=OTHDENSU(RENAME=(COUNT=OTHDENU));
   BY SERVAFF;
RUN;

DATA FIG6CON(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU DNTNUM DNTDEN
DNTDENU
             OTHNUM OTHDEN OTHDENU);
   MERGE DRGNUMC DRGDENC DRGDENCU EMRNUMC EMRDENC EMRDENCU DNTNUMC DNTDENC DNTDENCU
OTHNUMC OTHDENC OTHDENCU;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DNTDEN<200 OR DNTDENU<30) THEN COL2=.;
      ELSE COL2 = (DNTNUM / DNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 32;
RUN;
DATA FIG6REG(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU DNTNUM DNTDEN
DNTDENU
             OTHNUM OTHDEN OTHDENU);
```

```
   MERGE DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU DNTNUM DNTDEN DNTDENU OTHNUM OTHDEN
OTHDENU;
   BY XREGION;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DNTDEN<200 OR DNTDENU<30) THEN COL2=.;
      ELSE COL2 = (DNTNUM / DNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 33;
RUN;
DATA FIG6SRV(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU DNTNUM DNTDEN
DNTDENU
             OTHNUM OTHDEN OTHDENU);
   MERGE DRGNUMS DRGDENS DRGDENSU EMRNUMS EMRDENS EMRDENSU DNTNUMS DNTDENS DNTDENSU
OTHNUMS OTHDENS OTHDENSU;
   BY SERVAFF;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DNTDEN<200 OR DNTDENU<30) THEN COL2=.;
      ELSE COL2 = (DNTNUM / DNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 33;
RUN;

*******************************************************************************
* FIGURE 7: Over age 65 - Would Enroll in Prime
*******************************************************************************;

TITLE2 'Figure 7: Over age 65-Would enroll in Prime';

/*2000 QUARTER 2 CONUS - CONVENIENT LOCATION*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12 IN (4, 5) AND H00038=1);
   TABLES TOTAL / OUT=CVTNUMC(RENAME=(COUNT=CVTNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDENC(RENAME=(COUNT=CVTDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDENCU(RENAME=(COUNT=CVTDENU));
RUN;

/*2000 QUARTER 2 CONUS - NOT CONVENIENT LOCATION*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12 IN (4, 5) AND H00038=2);
   TABLES TOTAL / OUT=NOTNUMC(RENAME=(COUNT=NOTNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12>0 AND H00038=2);
   TABLES TOTAL / OUT=NOTDENC(RENAME=(COUNT=NOTDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A12>0 AND H00038=2);
```

```
   TABLES TOTAL / OUT=NOTDENCU(RENAME=(COUNT=NOTDENU));
RUN;

/*2000 QUARTER 2 BY REGION - CONVENIENT LOCATION*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12 IN (4, 5) AND H00038=1);
   TABLES TOTAL / OUT=CVTNUM(RENAME=(COUNT=CVTNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDEN(RENAME=(COUNT=CVTDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDENU(RENAME=(COUNT=CVTDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - NOT CONVENIENT LOCATION*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12 IN (4, 5) AND H00038=2);
   TABLES TOTAL / OUT=NOTNUM(RENAME=(COUNT=NOTNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=2);
   TABLES TOTAL / OUT=NOTDEN(RENAME=(COUNT=NOTDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=2);
   TABLES TOTAL / OUT=NOTDENU(RENAME=(COUNT=NOTDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - CONVENIENT LOCATION*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12 IN (4, 5) AND H00038=1);
   TABLES TOTAL / OUT=CVTNUMS(RENAME=(COUNT=CVTNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDENS(RENAME=(COUNT=CVTDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=1);
   TABLES TOTAL / OUT=CVTDENSU(RENAME=(COUNT=CVTDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - NOT CONVENIENT LOCATION*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12 IN (4, 5) AND H00038=2);
   TABLES TOTAL / OUT=NOTNUMS(RENAME=(COUNT=NOTNUM));
   WEIGHT WRWT;
   BY SERVAFF;
```

```
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=2);
   TABLES TOTAL / OUT=NOTDENS(RENAME=(COUNT=NOTDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A12>0 AND H00038=2);
   TABLES TOTAL / OUT=NOTDENSU(RENAME=(COUNT=NOTDENU));
   BY SERVAFF;
RUN;

DATA FIG7CON(DROP=TOTAL PERCENT CVTNUM CVTDEN CVTDENU NOTNUM NOTDEN NOTDENU);
   MERGE CVTNUMC CVTDENC CVTDENCU NOTNUMC NOTDENC NOTDENCU;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (NOTDEN<200 OR NOTDENU<30) THEN COL2=.;
      ELSE COL2 = (NOTNUM / NOTDEN)*100;
   IF (CVTDEN<200 OR CVTDENU<30) THEN COL3=.;
      ELSE COL3 = (CVTNUM / CVTDEN)*100;
   ROW = 38;
RUN;
DATA FIG7REG(DROP=TOTAL PERCENT CVTNUM CVTDEN CVTDENU NOTNUM NOTDEN NOTDENU);
   MERGE CVTNUM CVTDEN CVTDENU NOTNUM NOTDEN NOTDENU;
   BY XREGION;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (NOTDEN<200 OR NOTDENU<30) THEN COL2=.;
      ELSE COL2 = (NOTNUM / NOTDEN)*100;
   IF (CVTDEN<200 OR CVTDENU<30) THEN COL3=.;
      ELSE COL3 = (CVTNUM / CVTDEN)*100;
   ROW = 39;
RUN;
DATA FIG7SRV(DROP=TOTAL PERCENT CVTNUM CVTDEN CVTDENU NOTNUM NOTDEN NOTDENU);
   MERGE CVTNUMS CVTDENS CVTDENSU NOTNUMS NOTDENS NOTDENSU;
   BY SERVAFF;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (NOTDEN<200 OR NOTDENU<30) THEN COL2=.;
      ELSE COL2 = (NOTNUM / NOTDEN)*100;
   IF (CVTDEN<200 OR CVTDENU<30) THEN COL3=.;
      ELSE COL3 = (CVTNUM / CVTDEN)*100;
   ROW = 39;
RUN;

*******************************************************************************
* FIGURE 8: Over age 65 - Planned space-available MTF use
*******************************************************************************;

TITLE2 'Figure 8: Over age 65-Space-available MTF use';

/*2000 QUARTER 2 CONUS - USE SPACE-AVAILABLE CARE NO CHANGE*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10 IN (1, 2));
   TABLES TOTAL / OUT=ASNUMC(RENAME=(COUNT=ASNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDENC(RENAME=(COUNT=ASDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDENCU(RENAME=(COUNT=ASDENU));
```

```
RUN;

/*2000 QUARTER 2 CONUS - USE SPACE-AVAILABLE CARE DON'T KNOW*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10 IN (3));
   TABLES TOTAL / OUT=DKNUMC(RENAME=(COUNT=DKNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDENC(RENAME=(COUNT=DKDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDENCU(RENAME=(COUNT=DKDENU));
RUN;

/*2000 QUARTER 2 CONUS - USE SPACE-AVAILABLE CARE MORE*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10=5);
   TABLES TOTAL / OUT=MORNUMC(RENAME=(COUNT=MORNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDENC(RENAME=(COUNT=MORDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDENCU(RENAME=(COUNT=MORDENU));
RUN;

/*2000 QUARTER 2 CONUS - USE SPACE-AVAILABLE CARE LESS*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10=4);
   TABLES TOTAL / OUT=LESNUMC(RENAME=(COUNT=LESNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=LESDENC(RENAME=(COUNT=LESDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=LESDENCU(RENAME=(COUNT=LESDENU));
RUN;

/*2000 QUARTER 2 BY REGION - USE SPACE-AVAILABLE CARE NO CHANGE*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10 IN (1, 2));
   TABLES TOTAL / OUT=ASNUM(RENAME=(COUNT=ASNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDEN(RENAME=(COUNT=ASDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDENU(RENAME=(COUNT=ASDENU));
```

```
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - USE SPACE-AVAILABLE CARE DON'T KNOW*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10 IN (3));
   TABLES TOTAL / OUT=DKNUM(RENAME=(COUNT=DKNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDEN(RENAME=(COUNT=DKDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDENU(RENAME=(COUNT=DKDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - USE SPACE-AVAILABLE CARE MORE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10=5);
   TABLES TOTAL / OUT=MORNUM(RENAME=(COUNT=MORNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDEN(RENAME=(COUNT=MORDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDENU(RENAME=(COUNT=MORDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - USE SPACE-AVAILABLE CARE LESS*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10=4);
   TABLES TOTAL / OUT=LESNUM(RENAME=(COUNT=LESNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=LESDEN(RENAME=(COUNT=LESDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=LESDENU(RENAME=(COUNT=LESDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - USE SPACE-AVAILABLE CARE NO CHANGE*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10 IN (1, 2));
   TABLES TOTAL / OUT=ASNUMS(RENAME=(COUNT=ASNUM));
   WEIGHT WRWT;
   BY SERVAFF;
```

```
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDENS(RENAME=(COUNT=ASDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=ASDENSU(RENAME=(COUNT=ASDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - USE SPACE-AVAILABLE CARE DON'T KNOW*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10 IN (3));
   TABLES TOTAL / OUT=DKNUMS(RENAME=(COUNT=DKNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDENS(RENAME=(COUNT=DKDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=DKDENSU(RENAME=(COUNT=DKDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - USE SPACE-AVAILABLE CARE MORE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10=5);
   TABLES TOTAL / OUT=MORNUMS(RENAME=(COUNT=MORNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDENS(RENAME=(COUNT=MORDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=MORDENSU(RENAME=(COUNT=MORDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - USE SPACE-AVAILABLE CARE LESS*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10=4);
   TABLES TOTAL / OUT=LESNUMS(RENAME=(COUNT=LESNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
   TABLES TOTAL / OUT=LESDENS(RENAME=(COUNT=LESDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A10>0);
```

```
   TABLES TOTAL / OUT=LESDENSU(RENAME=(COUNT=LESDENU));
   BY SERVAFF;
RUN;

DATA FIG8CON(DROP=TOTAL PERCENT ASNUM ASDEN ASDENU DKNUM DKDEN DKDENU MORNUM MORDEN
MORDENU
             LESNUM LESDEN LESDENU);
   MERGE ASNUMC ASDENC ASDENCU DKNUMC DKDENC DKDENCU MORNUMC MORDENC MORDENCU LESNUMC
LESDENC LESDENCU;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (LESDEN<200 OR LESDENU<30) THEN COL2=.;
      ELSE COL2 = (LESNUM / LESDEN)*100;
   IF (MORDEN<200 OR MORDENU<30) THEN COL3=.;
      ELSE COL3 = (MORNUM / MORDEN)*100;
   IF (DKDEN<200 OR DKDENU<30) THEN COL4=.;
      ELSE COL4 = (DKNUM / DKDEN)*100;
   IF (ASDEN<200 OR ASDENU<30) THEN COL5=.;
      ELSE COL5 = (ASNUM / ASDEN)*100;
   ROW = 44;
RUN;
DATA FIG8REG(DROP=TOTAL PERCENT ASNUM ASDEN ASDENU DKNUM DKDEN DKDENU MORNUM MORDEN
MORDENU
             LESNUM LESDEN LESDENU);
   MERGE ASNUM ASDEN ASDENU DKNUM DKDEN DKDENU MORNUM MORDEN MORDENU LESNUM LESDEN
LESDENU;
   BY XREGION;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (LESDEN<200 OR LESDENU<30) THEN COL2=.;
      ELSE COL2 = (LESNUM / LESDEN)*100;
   IF (MORDEN<200 OR MORDENU<30) THEN COL3=.;
      ELSE COL3 = (MORNUM / MORDEN)*100;
   IF (DKDEN<200 OR DKDENU<30) THEN COL4=.;
      ELSE COL4 = (DKNUM / DKDEN)*100;
   IF (ASDEN<200 OR ASDENU<30) THEN COL5=.;
      ELSE COL5 = (ASNUM / ASDEN)*100;
   ROW = 45;
RUN;
DATA FIG8SRV(DROP=TOTAL PERCENT ASNUM ASDEN ASDENU DKNUM DKDEN DKDENU MORNUM MORDEN
MORDENU
             LESNUM LESDEN LESDENU);
   MERGE ASNUMS ASDENS ASDENSU DKNUMS DKDENS DKDENSU MORNUMS MORDENS MORDENSU LESNUMS
LESDENS LESDENSU;
   BY SERVAFF;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (LESDEN<200 OR LESDENU<30) THEN COL2=.;
      ELSE COL2 = (LESNUM / LESDEN)*100;
   IF (MORDEN<200 OR MORDENU<30) THEN COL3=.;
      ELSE COL3 = (MORNUM / MORDEN)*100;
   IF (DKDEN<200 OR DKDENU<30) THEN COL4=.;
      ELSE COL4 = (DKNUM / DKDEN)*100;
   IF (ASDEN<200 OR ASDENU<30) THEN COL5=.;
      ELSE COL5 = (ASNUM / ASDEN)*100;
   ROW = 45;
RUN;

*******************************************************************************
* FIGURE 9: Over age 65 - Planned MTF Uses
*******************************************************************************;

TITLE2 'Figure 9: Over age 65-Planned MTF Uses';

/*2000 QUARTER 2 CONUS - PRESCRIPTION DRUGS*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND S00A11B=1);
   TABLES TOTAL / OUT=DRGNUMC(RENAME=(COUNT=DRGNUM));
```

```
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDENC(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDENCU(RENAME=(COUNT=DRGDENU));
RUN;

/*2000 QUARTER 2 CONUS - EMERGENCY/URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11C=1));
   TABLES TOTAL / OUT=EMRNUMC(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDENC(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDENCU(RENAME=(COUNT=EMRDENU));
RUN;

/*2000 QUARTER 2 CONUS - WON'T USE*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11J=1 AND S00A11A=2 AND S00A11B=2 AND S00A11C=2
AND S00A11D=2
          AND S00A11E=2 AND S00A11F=2 AND S00A11G=2 AND S00A11H=2 AND S00A11I=2));
   TABLES TOTAL / OUT=WNTNUMC(RENAME=(COUNT=WNTNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDENC(RENAME=(COUNT=WNTDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDENCU(RENAME=(COUNT=WNTDENU));
RUN;

/*2000 QUARTER 2 CONUS - OTHER MEDICAL*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11D=1 OR S00A11E=1));
   TABLES TOTAL / OUT=OTHNUMC(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
```

```
   TABLES TOTAL / OUT=OTHDENC(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=OTHDENCU(RENAME=(COUNT=OTHDENU));
RUN;

/*2000 QUARTER 2 BY REGION - PRESCRIPTION DRUGS*/
PROC SORT DATA=HCS002_1;BY XREGION;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A11B=1);
   TABLES TOTAL / OUT=DRGNUM(RENAME=(COUNT=DRGNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDEN(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDENU(RENAME=(COUNT=DRGDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - EMERGENCY/URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11C=1));
   TABLES TOTAL / OUT=EMRNUM(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDEN(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDENU(RENAME=(COUNT=EMRDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - WON'T USE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11J=1 AND S00A11A=2 AND S00A11B=2 AND S00A11C=2 AND
S00A11D=2
          AND S00A11E=2 AND S00A11F=2 AND S00A11G=2 AND S00A11H=2 AND S00A11I=2));
   TABLES TOTAL / OUT=WNTNUM(RENAME=(COUNT=WNTNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
```

```
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDEN(RENAME=(COUNT=WNTDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDENU(RENAME=(COUNT=WNTDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY REGION - OTHER MEDICAL*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11D=1 OR S00A11E=1));
   TABLES TOTAL / OUT=OTHNUM(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=OTHDEN(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=OTHDENU(RENAME=(COUNT=OTHDENU));
   BY XREGION;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - PRESCRIPTION DRUGS*/
PROC SORT DATA=HCS002_1;BY SERVAFF;RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND S00A11B=1);
   TABLES TOTAL / OUT=DRGNUMS(RENAME=(COUNT=DRGNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDENS(RENAME=(COUNT=DRGDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (CONUS=1 AND STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR
S00A11E=1 OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=DRGDENSU(RENAME=(COUNT=DRGDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - EMERGENCY/URGENT CARE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11C=1));
   TABLES TOTAL / OUT=EMRNUMS(RENAME=(COUNT=EMRNUM));
   WEIGHT WRWT;
   BY SERVAFF;
```

```
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDENS(RENAME=(COUNT=EMRDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=EMRDENSU(RENAME=(COUNT=EMRDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - WON'T USE*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11J=1 AND S00A11A=2 AND S00A11B=2 AND S00A11C=2 AND
S00A11D=2
          AND S00A11E=2 AND S00A11F=2 AND S00A11G=2 AND S00A11H=2 AND S00A11I=2));
   TABLES TOTAL / OUT=WNTNUMS(RENAME=(COUNT=WNTNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDENS(RENAME=(COUNT=WNTDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=WNTDENSU(RENAME=(COUNT=WNTDENU));
   BY SERVAFF;
RUN;

/*2000 QUARTER 2 BY SERVICE AFFILIATION - OTHER MEDICAL*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11D=1 OR S00A11E=1));
   TABLES TOTAL / OUT=OTHNUMS(RENAME=(COUNT=OTHNUM));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=OTHDENS(RENAME=(COUNT=OTHDEN));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
/*UNWEIGHTED*/
PROC FREQ DATA=HCS002_1;
   WHERE (STOVER65=1 AND (S00A11A=1 OR S00A11B=1 OR S00A11C=1 OR S00A11D=1 OR S00A11E=1
OR
          S00A11F=1 OR S00A11G=1 OR S00A11H=1 OR S00A11I=1 OR S00A11J=1));
   TABLES TOTAL / OUT=OTHDENSU(RENAME=(COUNT=OTHDENU));
   BY SERVAFF;
RUN;

DATA FIG9CON(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU WNTNUM WNTDEN
WNTDENU
             OTHNUM OTHDEN OTHDENU);
```

```
   MERGE DRGNUMC DRGDENC DRGDENCU EMRNUMC EMRDENC EMRDENCU WNTNUMC WNTDENC WNTDENCU
OTHNUMC OTHDENC OTHDENCU;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = 'April, 2000 to March, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
   IF (WNTDEN<200 OR WNTDENU<30) THEN COL2=.;
      ELSE COL2 = (WNTNUM / WNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 50;
RUN;
DATA FIG9REG(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU WNTNUM WNTDEN
WNTDENU
            OTHNUM OTHDEN OTHDENU);
   MERGE DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU WNTNUM WNTDEN WNTDENU OTHNUM OTHDEN
OTHDENU;
   BY XREGION;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
   IF (WNTDEN<200 OR WNTDENU<30) THEN COL2=.;
      ELSE COL2 = (WNTNUM / WNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 51;
RUN;
DATA FIG9SRV(DROP=TOTAL PERCENT DRGNUM DRGDEN DRGDENU EMRNUM EMRDEN EMRDENU WNTNUM WNTDEN
WNTDENU
            OTHNUM OTHDEN OTHDENU);
   MERGE DRGNUMS DRGDENS DRGDENSU EMRNUMS EMRDENS EMRDENSU WNTNUMS WNTDENS WNTDENSU
OTHNUMS OTHDENS OTHDENSU;
   BY SERVAFF;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
   IF (WNTDEN<200 OR WNTDENU<30) THEN COL2=.;
      ELSE COL2 = (WNTNUM / WNTDEN)*100;
   IF (OTHDEN<200 OR OTHDENU<30) THEN COL3=.;
      ELSE COL3 = (OTHNUM / OTHDEN)*100;
   IF (EMRDEN<200 OR EMRDENU<30) THEN COL4=.;
      ELSE COL4 = (EMRNUM / EMRDEN)*100;
   IF (DRGDEN<200 OR DRGDENU<30) THEN COL5=.;
      ELSE COL5 = (DRGNUM / DRGDEN)*100;
   ROW = 51;
RUN;

DATA OUT.FIG5TO9;
   SET FIG5Q1 FIG5Q2 FIG6CON FIG6REG FIG6SRV FIG7CON FIG7REG FIG7SRV
       FIG8CON FIG8REG FIG8SRV FIG9CON FIG9REG FIG9SRV;
   LENGTH REGION $20;
   IF XREGION=1 THEN REGION='Region 1';
      ELSE IF XREGION=2 THEN REGION='Region 2';
      ELSE IF XREGION=3 THEN REGION='Region 3';
      ELSE IF XREGION=4 THEN REGION='Region 4';
      ELSE IF XREGION=5 THEN REGION='Region 5';
      ELSE IF XREGION=6 THEN REGION='Region 6';
      ELSE IF XREGION=8 THEN REGION='Region 7/8';
      ELSE IF XREGION=9 THEN REGION='Region 9';
      ELSE IF XREGION=10 THEN REGION='Region 10';
      ELSE IF XREGION=11 THEN REGION='Region 11';
      ELSE IF XREGION=12 THEN REGION='Region 12';
      ELSE IF XREGION=13 THEN REGION='Europe';
      ELSE IF XREGION=14 THEN REGION='Asia';
```

```
      ELSE IF XREGION=15 THEN REGION='Latin America';
      ELSE IF XREGION=16 THEN REGION='Alaska';
      ELSE IF SERVAFF='A' THEN REGION='Army';
      ELSE IF SERVAFF='N' THEN REGION='Navy';
      ELSE IF SERVAFF='F' THEN REGION='Air Force';
   PROC SORT;
   BY ROW;
RUN;
PROC PRINT;
RUN;
```

3. GENERAL COMPOSITE SCORES FOR CLAIMS HANDLING

```
OPTIONS PS=63 LS=200 COMPRESS=NO ERRORS=2 NOCENTER SOURCE2 NOFMTERR;
*******************************************************************************
*******************************************************************************
* PROJECT: 8687-220
* PROGRAM: FIGURES5TO9.SAS
* PURPOSE: To produce numbers that go into data sheet for figures 5-9
*          Includes: Intent to disenroll
*                    4 charts on population over age 65
* AUTHOR : MIKI SATAKE and NATALIE JUSTH
* DATE   : 5/08/01
* UPDATED: 7/16/01 FOR QUARTER 2
* UPDATED: 10/01/01 FOR QUARTER 3
* INPUT  : (2002-Q3) J:\DOD\Q3_2000\DATA\AFINAL\HCS003_1.SD2
*          (2000-Q2) J:\DOD\Q2_2000\DATA\AFINAL\HCS002_1.SD2
*          (2000-Q1) J:\DOD\Q1_2000\DATA\AFINAL\HCS001_1.SD2
* OUTPUT : J:\DOD\Q3_2000\PROGRAMS\SHORTREPORTS\FIG5TO9.SD2
*******************************************************************************
*******************************************************************************;
LIBNAME J1 'J:\DOD\Q1_2000\DATA\AFINAL';
LIBNAME J2 'J:\DOD\Q2_2000\DATA\AFINAL';
LIBNAME J3 'J:\DOD\Q3_2000\DATA\AFINAL';
LIBNAME OUT 'J:\DOD\Q3_2000\PROGRAMS\SHORTREPORTS';


TITLE '8687-220 DOD SHORT REPORT Q3';


LIBNAME LIBRARY 'J:\DOD\Q1_2000\DATA\AFINAL\FMTLIB';
DATA HCS001_1(KEEP=TOTAL CONUS H00057 XBNFGRP XENRLLMT WRWT XREGION SERVAFF);
   SET J1.HCS001_1;
   TOTAL=1;
   IF XREGION=7 THEN XREGION=8;
RUN;

LIBNAME LIBRARY 'J:\DOD\Q2_2000\DATA\AFINAL\FMTLIB';
DATA HCS002_1(KEEP=TOTAL CONUS H00057 XBNFGRP XENRLLMT WRWT XREGION SERVAFF);
   SET J2.HCS002_1;
   TOTAL=1;
   IF XREGION=7 THEN XREGION=8;
RUN;

LIBNAME LIBRARY 'J:\DOD\Q3_2000\DATA\AFINAL\FMTLIB';
DATA HCS003_1(KEEP=TOTAL CONUS H00057 XBNFGRP XENRLLMT WRWT XREGION SERVAFF S00H05 S00H06
S00H07 XINS_COV
              S00H11A S00H11B S00H11C S00H11F S00H11G S00H11H S00H11I S00H04 S00H10
S00H01 S00H12 S00H15);
   SET J3.HCS003_1;
   TOTAL=1;
   IF XREGION=7 THEN XREGION=8;
RUN;

*******************************************************************************
*******************************************************************************
* FIGURE 5: Plans to Disenroll
*******************************************************************************
*******************************************************************************;


TITLE2 'Figure 5: Plans to Disenroll';
```

```
%MACRO FIGURE5 (DATASET,QUARTER,BENTYPE,ROW);

/*****/
/*MHS*/
/*****/

PROC FREQ DATA=&DATASET;
   WHERE (CONUS=1 AND H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSNUM&QUARTER(RENAME=(COUNT=MHSNUM));
   WEIGHT WRWT;
RUN;
PROC FREQ DATA=HCS001_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDEN&QUARTER(RENAME=(COUNT=MHSDEN));
   WEIGHT WRWT;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS001_1;
   WHERE (CONUS=1 AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=MHSDEU&QUARTER(RENAME=(COUNT=MHSDENU));
RUN;


/********/
/*Region*/
/********/

PROC SORT DATA=&DATASET;BY XREGION;RUN;
PROC FREQ DATA=&DATASET;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5N&QUARTER(RENAME=(COUNT=FIG5NUM));
   WEIGHT WRWT;
   BY XREGION;
RUN;
PROC FREQ DATA=&DATASET;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5D&QUARTER(RENAME=(COUNT=FIG5DEN));
   WEIGHT WRWT;
   BY XREGION;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=&DATASET;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5DU&QUARTER(RENAME=(COUNT=FIG5DENU));
   BY XREGION;
RUN;


/*********************/
/*Service Affiliation*/
/*********************/

PROC SORT DATA=&DATASET;BY SERVAFF;RUN;
PROC FREQ DATA=&DATASET;
   WHERE (H00057 IN (4,5) AND XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5SN&QUARTER(RENAME=(COUNT=FIG5NUMS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
PROC FREQ DATA=&DATASET;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FIG5SD&QUARTER(RENAME=(COUNT=FIG5DENS));
   WEIGHT WRWT;
   BY SERVAFF;
RUN;
```

```
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=&DATASET;
   WHERE (XBNFGRP IN (2,3,4) AND XENRLLMT=2);
   TABLES TOTAL / OUT=FG5SDU&QUARTER(RENAME=(COUNT=FG5DENSU));
   BY SERVAFF;
RUN;

DATA MHS5&QUARTER;
   MERGE MHSNUM&QUARTER MHSDEN&QUARTER MHSDEU&QUARTER;
   BY TOTAL;
   LENGTH BENTYPE $35;
   BENTYPE = &BENTYPE;
   ROW=&ROW;
   IF (MHSDEN<200 OR MHSDENU<30) THEN COL2=.;
      ELSE COL2 = (MHSNUM / MHSDEN)*100;
RUN;
DATA REG5&QUARTER;
   MERGE FIG5N&QUARTER FIG5D&QUARTER FIG5DU&QUARTER;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = &BENTYPE;
   ROW=&ROW;
   IF (FIG5DEN<200 OR FIG5DENU<30) THEN COL3=.;
      ELSE COL3 = (FIG5NUM / FIG5DEN)*100;
RUN;
DATA SRV5&QUARTER;
   MERGE FIG5SN&QUARTER FIG5SD&QUARTER FG5SDU&QUARTER;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = &BENTYPE;
   ROW=&ROW;
   IF (FIG5DENS<200 OR FG5DENSU<30) THEN COL3=.;
      ELSE COL3 = (FIG5NUMS / FIG5DENS)*100;
RUN;
DATA FIG5&QUARTER(DROP=TOTAL PERCENT MHSNUM MHSDEN MHSDENU FIG5NUM FIG5DEN FIG5DENU
FIG5NUMS FIG5DENS FG5DENSU);
   SET MHS5&QUARTER REG5&QUARTER SRV5&QUARTER;
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 5';
RUN;
%MEND;


%FIGURE5 (HCS001_1,Q1,'January, 2000 to December, 2000',27);
%FIGURE5 (HCS002_1,Q2,'April, 2000 to March, 2001',28);
%FIGURE5 (HCS003_1,Q3,'July, 2000 to June, 2001',29);


*******************************************************************************
*******************************************************************************
* FIGURE 6: Bill Payment
*******************************************************************************
*******************************************************************************;


TITLE2 'Figure 6: Bill Payment';


/**********************/
/*2000 QUARTER 3 CONUS*/
/**********************/

%MACRO FIG6CNUM(OUTNUM,INSCOV,NUMER);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND (S00H01=1 AND &NUMER));
   TABLES TOTAL / OUT=NUMC&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
RUN;
%MEND;
```

```
/* BILL WITH ERROR-PRIME          */
/* BILL WITH ERROR-STANDARD/EXTRA */
/* DUNNING NOTICE-PRIME           */
/* DUNNING NOTICE-STANDARD/EXTRA  */

%FIG6CNUM(PER,(1, 2),S00H07>1);
%FIG6CNUM(SER,(3),S00H07>1);
%FIG6CNUM(PDU,(1, 2),(S00H06=1));
%FIG6CNUM(SDU,(3),(S00H06=1));


%MACRO FIG6CDEN(OUTDEN,INSCOV);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENC&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENUC&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
RUN;
%MEND;

/* PRIME          */
/* STANDARD/EXTRA */

%FIG6CDEN(PRI,(1, 2));
%FIG6CDEN(STD,(3));


/*******************************************/
/*2000 QUARTER 3 REGION/SERVICE AFFILIATION*/
/*******************************************/

%MACRO FIG6NUM(INSCOV,NUM,OUTNUM,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND (S00H01=1 AND &NUM));
   TABLES TOTAL / OUT=NUM&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
%MEND;

/* REGION: BILL WITH ERROR PRIME           */
/* REGION: BILL WITH ERROR STANDARD/EXTRA  */
/* REGION: DUNNING NOTICE PRIME            */
/* REGION: DUNNING NOTICE STANDARD/EXTRA   */
/* SERVICE: BILL WITH ERROR PRIME          */
/* SERVICE: BILL WITH ERROR STANDARD/EXTRA */
/* SERVICE: DUNNING NOTICE PRIME           */
/* SERVICE: DUNNING NOTICE STANDARD/EXTRA  */

%FIG6NUM((1, 2),S00H07>1,RPER,XREGION);
%FIG6NUM((3),S00H07>1,RSER,XREGION);
%FIG6NUM((1, 2),(S00H06=1),RPDU,XREGION);
%FIG6NUM((3),(S00H06=1),RSDU,XREGION);
%FIG6NUM((1, 2),S00H07>1,SPER,SERVAFF);
%FIG6NUM((3),S00H07>1,SSER,SERVAFF);
%FIG6NUM((1, 2),(S00H06=1),SPDU,SERVAFF);
%FIG6NUM((3),(S00H06=1),SSDU,SERVAFF);


%MACRO FIG6DEN(INSCOV,OUTDEN,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND S00H01=1);
```

```
   TABLES TOTAL / OUT=DEN&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENU&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
   BY &BYVAR;
RUN;
%MEND;

/* REGION: PRIME           */
/* REGION: STANDARD/EXTRA  */
/* SERVICE: PRIME          */
/* SERVICE: STANDARD/EXTRA */

%FIG6DEN((1, 2),RPRI,XREGION);
%FIG6DEN((3),RSTD,XREGION);
%FIG6DEN((1, 2),SPRI,SERVAFF);
%FIG6DEN((3),SSTD,SERVAFF);


DATA FIG6CON(DROP=TOTAL PERCENT NUMPER NUMPDU NUMSER NUMSDU DENPRI DENUPRI DENSTD
DENUSTD);
   MERGE NUMCPER NUMCPDU NUMCSER NUMCSDU DENCPRI DENUCPRI DENCSTD DENUCSTD;
   BY TOTAL;
   XREGION=0;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DENSTD<200 OR DENUSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMSDU / DENSTD)*100;
      COL4 = (NUMSER / DENSTD)*100;
   END;
   IF (DENPRI<200 OR DENUPRI<30) THEN DO;
      COL3=.;
      COL5=.;
   END;
   ELSE DO;
      COL3 = (NUMPDU / DENPRI)*100;
      COL5 = (NUMPER / DENPRI)*100;
   END;
   ROW = 41;
RUN;
DATA FIG6REG(DROP=TOTAL PERCENT NUMRPER NUMRPDU NUMRSER NUMRSDU DENRPRI DENURPRI DENRSTD
DENURSTD);
   MERGE NUMRPER NUMRPDU NUMRSER NUMRSDU DENRPRI DENURPRI DENRSTD DENURSTD;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DENRSTD<200 OR DENURSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMRSDU / DENRSTD)*100;
      COL4 = (NUMRSER / DENRSTD)*100;
   END;
   IF (DENRPRI<200 OR DENURPRI<30) THEN DO;
      COL3=.;
      COL5=.;
```

```
   END;
   ELSE DO;
      COL3 = (NUMRPDU / DENRPRI)*100;
      COL5 = (NUMRPER / DENRPRI)*100;
   END;
   ROW = 42;
RUN;
DATA FIG6SRV(DROP=TOTAL PERCENT NUMSPER NUMSPDU NUMSSER NUMSSDU DENSPRI DENUSPRI DENSSTD
DENUSSTD);
   MERGE NUMSPER NUMSPDU NUMSSER NUMSSDU DENSPRI DENUSPRI DENSSTD DENUSSTD;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 6';
   IF (DENSSTD<200 OR DENUSSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMSSDU / DENSSTD)*100;
      COL4 = (NUMSSER / DENSSTD)*100;
   END;
   IF (DENSPRI<200 OR DENUSPRI<30) THEN DO;
      COL3=.;
      COL5=.;
   END;
   ELSE DO;
      COL3 = (NUMSPDU / DENSPRI)*100;
      COL5 = (NUMSPER / DENSPRI)*100;
   END;
   ROW = 42;
RUN;

/****************************************/
/*************** DEBUG ********************/
/****************************************/

TITLE2 'DEBUG';
PROC PRINT DATA=FIG6REG;RUN;
PROC PRINT DATA=FIG6SRV;RUN;

/****************************************/
/*************** END DEBUG ****************/
/****************************************/


*******************************************************************************
*******************************************************************************
* FIGURE 7: Contacted
*******************************************************************************
*******************************************************************************;


TITLE2 'Figure 7: Contacted';


/**********************/
/*2000 QUARTER 3 CONUS*/
/**********************/

%MACRO FIG7CNUM(NUM,OUTNUM);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR
S00H10=1) AND &NUM);
   TABLES TOTAL / OUT=NUMC&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
RUN;
%MEND;

/* CIVILIAN CONTRACTOR */
```

```
/* OTHER MTF           */
/* DCAO                */
/* BCAC                */

%FIG7CNUM((S00H11B>1 OR S00H11I>1),CIV);
%FIG7CNUM((S00H11F>1 OR S00H11G>1 OR S00H11H>1),MTF);
%FIG7CNUM(S00H11C>1,DCA);
%FIG7CNUM(S00H11A>1,BCA);

%MACRO FIG7CDEN(OUTDEN);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR
S00H10=1));
   TABLES TOTAL / OUT=DENC&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR
S00H10=1));
   TABLES TOTAL / OUT=DENUC&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
RUN;
%MEND;

/* TRICARE USERS   */

%FIG7CDEN(CON);

/*******************************************/
/*2000 QUARTER 3 REGION/SERVICE AFFILIATION*/
/*******************************************/

%MACRO FIG7NUM(NUM,OUTNUM,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR S00H10=1) AND
&NUM);
   TABLES TOTAL / OUT=NUM&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
%MEND;

/* REGION: CIVILIAN CONTRACTOR  */
/* REGION: OTHER MTF            */
/* REGION: DCAO                 */
/* REGION: BCAC                 */
/* SERVICE: CIVILIAN CONTRACTOR */
/* SERVICE: OTHER MTF           */
/* SERVICE: DCAO                */
/* SERVICE: BCAC                */

%FIG7NUM((S00H11B>1 OR S00H11I>1),RCIV,XREGION);
%FIG7NUM((S00H11F>1 OR S00H11G>1 OR S00H11H>1),RMTF,XREGION);
%FIG7NUM(S00H11C>1,RDCA,XREGION);
%FIG7NUM(S00H11A>1,RBCA,XREGION);
%FIG7NUM((S00H11B>1 OR S00H11I>1),SCIV,SERVAFF);
%FIG7NUM((S00H11F>1 OR S00H11G>1 OR S00H11H>1),SMTF,SERVAFF);
%FIG7NUM(S00H11C>1,SDCA,SERVAFF);
%FIG7NUM(S00H11A>1,SBCA,SERVAFF);

%MACRO FIG7DEN(OUTDEN,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR S00H10=1));
   TABLES TOTAL / OUT=DEN&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
```

```
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND (S00H06=1 OR S00H07>1 OR S00H04=1 OR S00H10=1));
   TABLES TOTAL / OUT=DENU&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
   BY &BYVAR;
RUN;
%MEND;

/* REGION: TRICARE USERS   */
/* SERVICE: TRICARE USERS  */

%FIG7DEN(RCON,XREGION);
%FIG7DEN(SCON,SERVAFF);


DATA FIG7CON(DROP=TOTAL PERCENT NUMCIV NUMMTF NUMDCA NUMBCA DENCON DENUCON);
   MERGE NUMCCIV NUMCMTF NUMCDCA NUMCBCA DENCCON DENUCCON;
   BY TOTAL;
   XREGION=0;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (DENCON<200 OR DENUCON<30) THEN DO;
      COL2=.;
      COL3=.;
      COL4=.;
      COL5=.;
   END;
   ELSE DO;
      COL2 = (NUMCIV / DENCON)*100;
      COL3 = (NUMMTF / DENCON)*100;
      COL4 = (NUMDCA / DENCON)*100;
      COL5 = (NUMBCA / DENCON)*100;
   END;
   ROW = 47;
RUN;
DATA FIG7REG(DROP=TOTAL PERCENT NUMRCIV NUMRMTF NUMRDCA NUMRBCA DENRCON DENURCON);
   MERGE NUMRCIV NUMRMTF NUMRDCA NUMRBCA DENRCON DENURCON;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (DENRCON<200 OR DENURCON<30) THEN DO;
      COL2=.;
      COL3=.;
      COL4=.;
      COL5=.;
   END;
   ELSE DO;
      COL2 = (NUMRCIV / DENRCON)*100;
      COL3 = (NUMRMTF / DENRCON)*100;
      COL4 = (NUMRDCA / DENRCON)*100;
      COL5 = (NUMRBCA / DENRCON)*100;
   END;
   ROW = 48;
RUN;
DATA FIG7SRV(DROP=TOTAL PERCENT NUMSCIV NUMSMTF NUMSDCA NUMSBCA DENSCON DENUSCON);
   MERGE NUMSCIV NUMSMTF NUMSDCA NUMSBCA DENSCON DENUSCON;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 7';
   IF (DENSCON<200 OR DENUSCON<30) THEN DO;
      COL2=.;
      COL3=.;
      COL4=.;
```

```
      COL5=.;
   END;
   ELSE DO;
      COL2 = (NUMSCIV / DENSCON)*100;
      COL3 = (NUMSMTF / DENSCON)*100;
      COL4 = (NUMSDCA / DENSCON)*100;
      COL5 = (NUMSBCA / DENSCON)*100;
   END;
   ROW = 48;
RUN;


*******************************************************************************
*******************************************************************************
* FIGURE 8: Somewhat/Very helpful
*******************************************************************************
*******************************************************************************;


TITLE2 'Figure 8: Somewhat/very helpful';


/**********************/
/*2000 QUARTER 3 CONUS*/
/**********************/

%MACRO FIG8CNUM(NUM,OUTNUM);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND &NUM);
   TABLES TOTAL / OUT=NUMC&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
RUN;
%MEND;

/* CIVILIAN CONTRACTOR */
/* OTHER MTF           */
/* DCAO                */
/* BCAC                */

%FIG8CNUM((S00H11B>2 OR S00H11I>2),CIV);
%FIG8CNUM((S00H11F>2 OR S00H11G>2 OR S00H11H>2),MTF);
%FIG8CNUM(S00H11C>2,DCA);
%FIG8CNUM(S00H11A>2,BCA);

%MACRO FIG8CDEN(DEN,OUTDEN);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND &DEN);
   TABLES TOTAL / OUT=DENC&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND XINS_COV IN (1,2,3) AND &DEN);
   TABLES TOTAL / OUT=DENUC&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
RUN;
%MEND;

/* CIVILIAN CONTRACTOR */
/* OTHER MTF           */
/* DCAO                */
/* BCAC                */

%FIG8CDEN((S00H11B>1 OR S00H11I>1),CIV);
%FIG8CDEN((S00H11F>1 OR S00H11G>1 OR S00H11H>1),MTF);
%FIG8CDEN(S00H11C>1,DCA);
%FIG8CDEN(S00H11A>1,BCA);


/*******************************************/
```

```
/*2000 QUARTER 3 REGION/SERVICE AFFILIATION*/
/*******************************************/

%MACRO FIG8NUM(NUM,OUTNUM,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND &NUM);
   TABLES TOTAL / OUT=NUM&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
%MEND;

/* REGION: CIVILIAN CONTRACTOR  */
/* REGION: OTHER MTF            */
/* REGION: DCAO                 */
/* REGION: BCAC                 */
/* SERVICE: CIVILIAN CONTRACTOR */
/* SERVICE: OTHER MTF           */
/* SERVICE: DCAO                */
/* SERVICE: BCAC                */

%FIG8NUM((S00H11B>2 OR S00H11I>2),RCIV,XREGION);
%FIG8NUM((S00H11F>2 OR S00H11G>2 OR S00H11H>2),RMTF,XREGION);
%FIG8NUM(S00H11C>2,RDCA,XREGION);
%FIG8NUM(S00H11A>2,RBCA,XREGION);
%FIG8NUM((S00H11B>2 OR S00H11I>2),SCIV,SERVAFF);
%FIG8NUM((S00H11F>2 OR S00H11G>2 OR S00H11H>2),SMTF,SERVAFF);
%FIG8NUM(S00H11C>2,SDCA,SERVAFF);
%FIG8NUM(S00H11A>2,SBCA,SERVAFF);


%MACRO FIG8DEN(DEN,OUTDEN,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND &DEN);
   TABLES TOTAL / OUT=DEN&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (XINS_COV IN (1,2,3) AND &DEN);
   TABLES TOTAL / OUT=DENU&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
   BY &BYVAR;
RUN;
%MEND;

/* REGION: CIVILIAN CONTRACTOR  */
/* REGION: OTHER MTF            */
/* REGION: DCAO                 */
/* REGION: BCAC                 */
/* SERVICE: CIVILIAN CONTRACTOR */
/* SERVICE: OTHER MTF           */
/* SERVICE: DCAO                */
/* SERVICE: BCAC                */

%FIG8DEN((S00H11B>1 OR S00H11I>1),RCIV,XREGION);
%FIG8DEN((S00H11F>1 OR S00H11G>1 OR S00H11H>1),RMTF,XREGION);
%FIG8DEN(S00H11C>1,RDCA,XREGION);
%FIG8DEN(S00H11A>1,RBCA,XREGION);
%FIG8DEN((S00H11B>1 OR S00H11I>1),SCIV,SERVAFF);
%FIG8DEN((S00H11F>1 OR S00H11G>1 OR S00H11H>1),SMTF,SERVAFF);
%FIG8DEN(S00H11C>1,SDCA,SERVAFF);
%FIG8DEN(S00H11A>1,SBCA,SERVAFF);


DATA FIG8CON(DROP=TOTAL PERCENT NUMCIV NUMMTF NUMDCA NUMBCA DENCIV DENMTF DENDCA DENBCA
DENUCIV DENUMTF
```

```
                  DENUDCA DENUBCA);
   MERGE NUMCCIV NUMCMTF NUMCDCA NUMCBCA DENCCIV DENCMTF DENCDCA DENCBCA DENUCCIV
DENUCMTF DENUCDCA DENUCBCA;
   BY TOTAL;
   XREGION=0;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (DENCIV<200 OR DENUCIV<30) THEN COL2=.;
      ELSE COL2 = (NUMCIV / DENCIV)*100;
   IF (DENMTF<200 OR DENUMTF<30) THEN COL3=.;
      ELSE COL3 = (NUMMTF / DENMTF)*100;
   IF (DENDCA<200 OR DENUDCA<30) THEN COL4=.;
      ELSE COL4 = (NUMDCA / DENDCA)*100;
   IF (DENBCA<200 OR DENUBCA<30) THEN COL5=.;
      ELSE COL5 = (NUMBCA / DENBCA)*100;
   ROW = 53;
RUN;
DATA FIG8REG(DROP=TOTAL PERCENT NUMRCIV NUMRMTF NUMRDCA NUMRBCA DENRCIV DENRMTF DENRDCA
DENRBCA DENURCIV
                  DENURMTF DENURDCA DENURBCA);
   MERGE NUMRCIV NUMRMTF NUMRDCA NUMRBCA DENRCIV DENRMTF DENRDCA DENRBCA DENURCIV
DENURMTF DENURDCA DENURBCA;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (DENRCIV<200 OR DENURCIV<30) THEN COL2=.;
      ELSE COL2 = (NUMRCIV / DENRCIV)*100;
   IF (DENRMTF<200 OR DENURMTF<30) THEN COL3=.;
      ELSE COL3 = (NUMRMTF / DENRMTF)*100;
   IF (DENRDCA<200 OR DENURDCA<30) THEN COL4=.;
      ELSE COL4 = (NUMRDCA / DENRDCA)*100;
   IF (DENRBCA<200 OR DENURBCA<30) THEN COL5=.;
      ELSE COL5 = (NUMRBCA / DENRBCA)*100;
   ROW = 54;
RUN;
DATA FIG8SRV(DROP=TOTAL PERCENT NUMSCIV NUMSMTF NUMSDCA NUMSBCA DENSCIV DENSMTF DENSDCA
DENSBCA DENUSCIV
                  DENUSMTF DENUSDCA DENUSBCA);
   MERGE NUMSCIV NUMSMTF NUMSDCA NUMSBCA DENSCIV DENSMTF DENSDCA DENSBCA DENUSCIV
DENUSMTF DENUSDCA DENUSBCA;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 8';
   IF (DENSCIV<200 OR DENUSCIV<30) THEN COL2=.;
      ELSE COL2 = (NUMSCIV / DENSCIV)*100;
   IF (DENSMTF<200 OR DENUSMTF<30) THEN COL3=.;
      ELSE COL3 = (NUMSMTF / DENSMTF)*100;
   IF (DENSDCA<200 OR DENUSDCA<30) THEN COL4=.;
      ELSE COL4 = (NUMSDCA / DENSDCA)*100;
   IF (DENSBCA<200 OR DENUSBCA<30) THEN COL5=.;
      ELSE COL5 = (NUMSBCA / DENSBCA)*100;
   ROW = 54;
RUN;


*******************************************************************************
*******************************************************************************
* FIGURE 9: Debt Collection/Credit Problems
*******************************************************************************
*******************************************************************************;


TITLE2 'Figure 9: Debt Collection/Credit Problems';
```

```
/**********************/
/*2000 QUARTER 3 CONUS*/
/**********************/

%MACRO FIG9CNUM(OUTNUM,INSCOV,NUMER);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND (S00H01=1 AND &NUMER));
   TABLES TOTAL / OUT=NUMC&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
RUN;
%MEND;

/* COLLECTION AGENCY-PRIME          */
/* COLLECTION AGENCY-STANDARD/EXTRA */
/* CREDIT PROBLEMS-PRIME            */
/* CREDIT PROBLEMS-STANDARD/EXTRA   */

%FIG9CNUM(PCA,(1, 2),(S00H10=1));
%FIG9CNUM(SCA,(3),(S00H10=1));
%FIG9CNUM(PCP,(1, 2),(S00H12=1 OR S00H15=1));
%FIG9CNUM(SCP,(3),(S00H12=1 OR S00H15=1));


%MACRO FIG9CDEN(OUTDEN,INSCOV);
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENC&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE (CONUS=1 AND (XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENUC&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
RUN;
%MEND;

/* PRIME          */
/* STANDARD/EXTRA */

%FIG9CDEN(PRI,(1, 2));
%FIG9CDEN(STD,(3));


/*******************************************/
/*2000 QUARTER 3 REGION/SERVICE AFFILIATION*/
/*******************************************/

%MACRO FIG9NUM(INSCOV,NUM,OUTNUM,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND (S00H01=1 AND &NUM));
   TABLES TOTAL / OUT=NUM&OUTNUM(RENAME=(COUNT=NUM&OUTNUM));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
%MEND;

/* REGION: COLLECTION AGENCY PRIME           */
/* REGION: COLLECTION AGENCY STANDARD/EXTRA  */
/* REGION: CREDIT PROBLEMS PRIME             */
/* REGION: CREDIT PROBLEMS STANDARD/EXTRA    */
/* SERVICE: COLLECTION AGENCY PRIME          */
/* SERVICE: COLLECTION AGENCY STANDARD/EXTRA */
/* SERVICE: CREDIT PROBLEMS PRIME            */
/* SERVICE: CREDIT PROBLEMS STANDARD/EXTRA   */

%FIG9NUM((1, 2),(S00H10=1),RPCA,XREGION);
%FIG9NUM((3),(S00H10=1),RSCA,XREGION);
%FIG9NUM((1, 2),(S00H12=1 OR S00H15=1),RPCP,XREGION);
```

```
%FIG9NUM((3),(S00H12=1 OR S00H15=1),RSCP,XREGION);
%FIG9NUM((1, 2),(S00H10=1),SPCA,SERVAFF);
%FIG9NUM((3),(S00H10=1),SSCA,SERVAFF);
%FIG9NUM((1, 2),(S00H12=1 OR S00H15=1),SPCP,SERVAFF);
%FIG9NUM((3),(S00H12=1 OR S00H15=1),SSCP,SERVAFF);


%MACRO FIG9DEN(INSCOV,OUTDEN,BYVAR);
PROC SORT DATA=HCS003_1;BY &BYVAR;RUN;
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DEN&OUTDEN(RENAME=(COUNT=DEN&OUTDEN));
   WEIGHT WRWT;
   BY &BYVAR;
RUN;
/************/
/*UNWEIGHTED*/
/************/
PROC FREQ DATA=HCS003_1;
   WHERE ((XINS_COV IN &INSCOV) AND S00H01=1);
   TABLES TOTAL / OUT=DENU&OUTDEN(RENAME=(COUNT=DENU&OUTDEN));
   BY &BYVAR;
RUN;
%MEND;

/* REGION: PRIME           */
/* REGION: STANDARD/EXTRA  */
/* SERVICE: PRIME          */
/* SERVICE: STANDARD/EXTRA */

%FIG9DEN((1, 2),RPRI,XREGION);
%FIG9DEN((3),RSTD,XREGION);
%FIG9DEN((1, 2),SPRI,SERVAFF);
%FIG9DEN((3),SSTD,SERVAFF);


DATA FIG9CON(DROP=TOTAL PERCENT NUMPCA NUMPCP NUMSCA NUMSCP DENPRI DENUPRI DENSTD
DENUSTD);
   MERGE NUMCPCA NUMCPCP NUMCSCA NUMCSCP DENCPRI DENUCPRI DENCSTD DENUCSTD;
   BY TOTAL;
   XREGION=0;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
   IF (DENSTD<200 OR DENUSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMSCP / DENSTD)*100;
      COL4 = (NUMSCA / DENSTD)*100;
   END;
   IF (DENPRI<200 OR DENUPRI<30) THEN DO;
      COL3=.;
      COL5=.;
   END;
   ELSE DO;
      COL3 = (NUMPCP / DENPRI)*100;
      COL5 = (NUMPCA / DENPRI)*100;
   END;
   ROW = 59;
RUN;
DATA FIG9REG(DROP=TOTAL PERCENT NUMRPCA NUMRPCP NUMRSCA NUMRSCP DENRPRI DENURPRI DENRSTD
DENURSTD);
   MERGE NUMRPCA NUMRPCP NUMRSCA NUMRSCP DENRPRI DENURPRI DENRSTD DENURSTD;
   BY XREGION;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
```

```
   IF (DENRSTD<200 OR DENURSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMRSCP / DENRSTD)*100;
      COL4 = (NUMRSCA / DENRSTD)*100;
   END;
   IF (DENRPRI<200 OR DENURPRI<30) THEN DO;
      COL3=.;
      COL5=.;
   END;
   ELSE DO;
      COL3 = (NUMRPCP / DENRPRI)*100;
      COL5 = (NUMRPCA / DENRPRI)*100;
   END;
   ROW = 60;
RUN;
DATA FIG9SRV(DROP=TOTAL PERCENT NUMSPCA NUMSPCP NUMSSCA NUMSSCP DENSPRI DENUSPRI DENSSTD
DENUSSTD);
   MERGE NUMSPCA NUMSPCP NUMSSCA NUMSSCP DENSPRI DENUSPRI DENSSTD DENUSSTD;
   BY SERVAFF;
   LENGTH BENTYPE $35;
   BENTYPE = 'July, 2000 to June, 2001';
   LENGTH FIGURE $12;
   FIGURE = 'FIGURE 9';
   IF (DENSSTD<200 OR DENUSSTD<30) THEN DO;
      COL2=.;
      COL4=.;
   END;
   ELSE DO;
      COL2 = (NUMSSCP / DENSSTD)*100;
      COL4 = (NUMSSCA / DENSSTD)*100;
   END;
   IF (DENSPRI<200 OR DENUSPRI<30) THEN DO;
      COL3=.;
      COL5=.;
   END;
   ELSE DO;
      COL3 = (NUMSPCP / DENSPRI)*100;
      COL5 = (NUMSPCA / DENSPRI)*100;
   END;
   ROW = 60;
RUN;


*******************************************************************************************
*******************************************************************************************
* Combine all temporary datasets into one dataset for inclusion in consumer watch
*******************************************************************************************
*******************************************************************************************
;


DATA OUT.FIG5TO9;
   SET FIG5Q1 FIG5Q2 FIG5Q3 FIG6CON FIG6REG FIG6SRV FIG7CON FIG7REG FIG7SRV
       FIG8CON FIG8REG FIG8SRV FIG9CON FIG9REG FIG9SRV;
   LENGTH REGION $20;
   IF XREGION=0 THEN REGION='CONUS';
      ELSE IF XREGION=1 THEN REGION='Region 1';
      ELSE IF XREGION=2 THEN REGION='Region 2';
      ELSE IF XREGION=3 THEN REGION='Region 3';
      ELSE IF XREGION=4 THEN REGION='Region 4';
      ELSE IF XREGION=5 THEN REGION='Region 5';
      ELSE IF XREGION=6 THEN REGION='Region 6';
      ELSE IF XREGION=8 THEN REGION='Region 7/8';
      ELSE IF XREGION=9 THEN REGION='Region 9';
      ELSE IF XREGION=10 THEN REGION='Region 10';
      ELSE IF XREGION=11 THEN REGION='Region 11';
      ELSE IF XREGION=12 THEN REGION='Region 12';
      ELSE IF XREGION=13 THEN REGION='Europe';
```

```
      ELSE IF XREGION=14 THEN REGION='Asia';
      ELSE IF XREGION=15 THEN REGION='Latin America';
      ELSE IF XREGION=16 THEN REGION='Alaska';
      ELSE IF SERVAFF='A' THEN REGION='Army';
      ELSE IF SERVAFF='N' THEN REGION='Navy';
      ELSE IF SERVAFF='F' THEN REGION='Air Force';
   PROC SORT;
   BY ROW;
RUN;
PROC PRINT;
RUN;
```

4. CALCULATE SCORES AND PRODUCE GRAPHS FOR EACH REGION

```
*******************************************************************************
* PROJECT: 8687-220
* PROGRAM: SHORTREPORTQ1R.SAS
* PURPOSE: To produce numbers that go into data sheet in Excel to produce graphs
*        Region only
* AUTHOR : MIKI SATAKE
* DATE   : 4/24/01
* INPUT  : FIGURE 1 - FIGURE 4
*        (2000) J:\DOD\Q1_2000\PROGRAMS\LOADWEB\TOTAL_Q.SD2
*        (1999) J:\8687\PROGRAMS\LOADWEB\CONUS_A.SD2
*        FIGURE 5 AND SPECIAL REPORT GRAPHS
*        (ALL) J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\FIG5TO9.SD2
* OUTPUT : INTO EXCEL SPREADSHEET
*******************************************************************************;

/* LIBNAMES for Regional Short Reports */
%LET LIBQ  = 'J:\DOD\Q1_2000\PROGRAMS\LOADWEB';
%LET LIBPY = 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\1999_REGION';
%LET DATA1 = TOTAL_Q;
%LET DATA2 = MERGFINQ;

/* Change parameter for each region/service affiliation */
%LET VAL = Region 1;

LIBNAME J1 &LIBQ;
LIBNAME J2 &LIBPY;
LIBNAME J3 'J:\8687\DATA1999\AFINAL';
LIBNAME J4 'J:\DOD\Q1_2000\DATA\AFINAL';
LIBNAME J5 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS';
LIBNAME OUT 'C:\FILES\NEWDOD\SHORT REPORTS';

TITLE '8687-220 DOD SHORT REPORT Q1';

*PROC CONTENTS DATA=J1.TOTAL_Q;
*PROC CONTENTS DATA=J2.MERGFINQ;
*RUN;

*PROC FREQ DATA=J1.TOTAL_Q;
*TABLES MAJGRP REGION REGCAT BENTYPE BENEFIT;
*TITLE2 'DATA=J1.TOTAL_Q';
*RUN;
*PROC FREQ DATA=J2.MERGFINQ;
*TITLE2 'DATA=J2.MERGFINQ';
*RUN;

*******************************************************************************
* FIGURE 1: Health Care Rating
*******************************************************************************;
TITLE2 'Figure 1: Health Care Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Care'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG1_00(DROP=COUNT PERCENT);
```

```
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Care'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG1_99(DROP=COUNT PERCENT);
RUN;
DATA FIG1;
  SET FIG1_00 FIG1_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 3;
  ELSE IF BENTYPE = '1999' THEN DO;
    ROW = 4;
    SCORE=SCORE*100;
  END;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 5;
  COL2 = SCORE / 100;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 1';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R3C2:R5C2";

DATA _NULL_;
  SET FIG1;
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*****************************************************************************
* FIGURE 2: Health Plan Rating
*****************************************************************************;
TITLE2 'Figure 2: Health Plan Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Plan'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG2_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Plan'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG2_99(DROP=COUNT PERCENT);
RUN;
DATA FIG2;
  SET FIG2_00 FIG2_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 9;
  ELSE IF BENTYPE = '1999' THEN DO;
    ROW = 10;
    SCORE=SCORE*100;
  END;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 11;
  COL2 = SCORE / 100;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 2';
PROC PRINT;
```

```
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R9C2:R11C2";

DATA _NULL_;
  SET FIG2;
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*****************************************************************************
* FIGURE 3: Personal Provider Rating
*****************************************************************************;
TITLE2 'Figure 3: Personal Provider Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Primary Care Manager'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG3_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Primary Care Manager'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG3_99(DROP=COUNT PERCENT);
RUN;
DATA FIG3;
  SET FIG3_00 FIG3_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 15;
  ELSE IF BENTYPE = '1999' THEN DO;
    ROW = 16;
    SCORE=SCORE*100;
  END;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 17;
  COL2 = SCORE / 100;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 3';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R15C2:R17C2";

DATA _NULL_;
  SET FIG3;
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*****************************************************************************
* FIGURE 4: Health Care Topics
*****************************************************************************;
TITLE2 'Figure 4: Health Care Topics';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT IN ('Getting Needed Care','Getting Care Quickly','Courteous and Helpful Office Staff','How Well Doctors
Communicate','Customer Service','Claims Processing')
```

```
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG4_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT IN ('Getting Needed Care','Getting Care Quickly','Courteous and Helpful Office Staff','How Well Doctors
Communicate','Customer Service','Claims Processing')
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG4_99(DROP=COUNT PERCENT);
RUN;
DATA COL2(DROP=SCORE RENAME=(SCORE1=COL2))
    COL3(KEEP=ROW SCORE1 RENAME=(SCORE1=COL3))
    COL4(KEEP=ROW SCORE1 RENAME=(SCORE1=COL4))
    COL5(KEEP=ROW SCORE1 RENAME=(SCORE1=COL5))
    COL6(KEEP=ROW SCORE1 RENAME=(SCORE1=COL6))
    COL7(KEEP=ROW SCORE1 RENAME=(SCORE1=COL7));
  SET FIG4_00 FIG4_99;

  IF MAJGRP = 'Benchmark' THEN DO;
    ROW = 26;
    SCORE1 = SCORE / 100;
  END;
  ELSE IF BENTYPE = '1999' THEN DO;
    ROW = 27;
    SCORE1=SCORE;
  END;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN DO;
    ROW = 28;
    SCORE1 = SCORE / 100;
  END;

  IF BENEFIT = 'Getting Needed Care' THEN OUTPUT COL2;
  IF BENEFIT = 'Getting Care Quickly' THEN OUTPUT COL3;
  IF BENEFIT = 'Courteous and Helpful Office Staff' THEN OUTPUT COL4;
  IF BENEFIT = 'How Well Doctors Communicate' THEN OUTPUT COL5;
  IF BENEFIT = 'Customer Service' THEN OUTPUT COL6;
  IF BENEFIT = 'Claims Processing' THEN OUTPUT COL7;


RUN;
PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
PROC SORT DATA=COL5; BY ROW; RUN;
PROC SORT DATA=COL6; BY ROW; RUN;
PROC SORT DATA=COL7; BY ROW; RUN;
DATA FIG4;
  MERGE COL2 COL3 COL4 COL5 COL6 COL7;
  BY ROW;
  IF ROW=27 THEN COL3=.; *No 1999 Getting Care Quickly composite;
RUN;
TITLE2 'FIGURE 4';
PROC PRINT;
RUN;

*******************************************************************************
* DDE LINK (EXCEL file has to be open )
*******************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R26C2:R28C7";

DATA _NULL_;
  SET FIG4;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4 '09'X COL5 '09'X COL6 '09'X COL7;
RUN;

*******************************************************************************
* FIGURE 5: Intent to Disenroll
```

```
*****************************************************************************;
TITLE2 'Figure 5: Intent to Disenroll';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 5'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL3*ROW/ OUT=FIG500(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 5'
    AND COL2 NE .;
  TABLES BENTYPE*REGION*FIGURE*COL2*ROW/ OUT=FIG500C(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = '1999'
    AND FIGURE='FIGURE 5'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL3*ROW/ OUT=FIG599(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = '1999'
    AND FIGURE='FIGURE 5'
    AND COL2 NE .;
  TABLES BENTYPE*REGION*FIGURE*COL2*ROW/ OUT=FIG599C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3)
    COL3(DROP=COL2);
  SET FIG500 FIG500C FIG599 FIG599C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
DATA FIG5;
  MERGE COL2 COL3;
  BY ROW;
RUN;
TITLE2 'FIGURE 5';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R21C2:R22C3";

DATA _NULL_;
  SET FIG5;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3;
RUN;

*****************************************************************************
* FIGURE 6: Chronic Conditions Health Plan Ratings
*****************************************************************************;
TITLE2 'Figure 6: Chronic Conditions Health Plan Ratings';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 6'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG6(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 6';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG6C(DROP=COUNT PERCENT);
RUN;
```

```
DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG6 FIG6C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG6;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 6';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R32C2:R33C4";

DATA _NULL_;
  SET FIG6;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 7: Chronic Conditions Equipment
*****************************************************************************;
TITLE2 'Figure 7: Chronic Conditions Equipment';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 7'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG7(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 7';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG7C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG7 FIG7C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG7;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 7';
PROC PRINT;
RUN;

*****************************************************************************
```

```
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R38C2:R39C4";

DATA _NULL_;
  SET FIG7;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 8: Chronic Conditions Therapy
*****************************************************************************;
TITLE2 'Figure 8: Chronic Conditions Therapy';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 8'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG8(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 8';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG8C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG8 FIG8C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG8;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 8';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R44C2:R45C4";

DATA _NULL_;
  SET FIG8;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 9: Chronic Conditions Home Health Assistance
*****************************************************************************;
TITLE2 'Figure 9: Chronic Conditions Home Health Assistance';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 9'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG9(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 9';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG9C(DROP=COUNT PERCENT);
```

```
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG9 FIG9C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG9;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 9';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R50C2:R51C4";

DATA _NULL_;
  SET FIG9;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* TABLE 1: Preventive Care
*****************************************************************************;
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('All Beneficiaries','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Preventive Care'
    AND BENTYPE IN ('Mammography', 'Pap Smear', 'Hypertension', 'Flu Shot', 'Prenatal Care');
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SCORE/ OUT=TAB1_00(DROP=COUNT PERCENT);
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*N_OBS/ OUT=TAB2_00(DROP=COUNT PERCENT);
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SIG  / OUT=TAB3_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'All Beneficiaries'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Preventive Care'
    AND BENTYPE IN ('Mammography', 'Pap Smear', 'Hypertension', 'Flu Shot', 'Prenatal Care');
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SCORE/ OUT=TAB1_99(DROP=COUNT PERCENT);
RUN;
DATA TAB100;
  SET TAB1_00;
  IF MAJGRP = 'Benchmark' THEN DO;
     ROW=58;
     IF BENTYPE='Mammography' THEN COL2=SCORE;
       ELSE IF BENTYPE='Pap Smear' THEN COL3=SCORE;
       ELSE IF BENTYPE='Hypertension' THEN COL4=SCORE;
       ELSE IF BENTYPE='Flu Shot' THEN COL5=SCORE;
       ELSE IF BENTYPE='Prenatal Care' THEN COL6=SCORE;
  END;
     ELSE DO;
       ROW = 57;
       IF BENTYPE='Mammography' THEN DO;
         COL2=SCORE;
         SCORE00=SCORE;
```

```
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Pap Smear' THEN DO;
        COL3=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Hypertension' THEN DO;
        COL4=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Flu Shot' THEN DO;
        COL5=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Prenatal Care' THEN DO;
        COL6=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
    END;
  PROC SORT;
  BY BENTYPE;
RUN;
DATA TAB200;
  SET TAB2_00;
  ROW=59;
  IF MAJGRP='All Beneficiaries';
  IF BENTYPE='Mammography' THEN COL2=N_OBS;
    ELSE IF BENTYPE='Pap Smear' THEN COL3=N_OBS;
    ELSE IF BENTYPE='Hypertension' THEN COL4=N_OBS;
    ELSE IF BENTYPE='Flu Shot' THEN COL5=N_OBS;
    ELSE IF BENTYPE='Prenatal Care' THEN COL6=N_OBS;
  PROC SORT;
  BY ROW;
RUN;
DATA TAB300;
  SET TAB3_00;
  ROW=61;
  IF MAJGRP='All Beneficiaries';
  IF BENTYPE='Mammography' THEN COL2=SIG;
    ELSE IF BENTYPE='Pap Smear' THEN COL3=SIG;
    ELSE IF BENTYPE='Hypertension' THEN COL4=SIG;
    ELSE IF BENTYPE='Flu Shot' THEN COL5=SIG;
    ELSE IF BENTYPE='Prenatal Care' THEN COL6=SIG;
  PROC SORT;
  BY ROW;
RUN;
DATA TAB199;
  SET TAB1_99;
  ROW=56;
  IF BENTYPE='Mammography' THEN DO;
    COL2=SCORE;
    SCORE99=SCORE;
    SE99=SEMEAN*100;
  END;
  ELSE IF BENTYPE='Pap Smear' THEN DO;
    COL3=SCORE;
    SCORE99=SCORE;
    SE99=SEMEAN*100;
  END;
  ELSE IF BENTYPE='Hypertension' THEN DO;
    COL4=SCORE;
    SCORE99=SCORE;
    SE99=SEMEAN*100;
  END;
  ELSE IF BENTYPE='Flu Shot' THEN DO;
    COL5=SCORE;
```

```
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    ELSE IF BENTYPE='Prenatal Care' THEN DO;
      COL6=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    PROC SORT;
    BY BENTYPE;
RUN;
DATA TAB1/*(KEEP=BENTYPE SIGFLAG ROW COL2 COL3 COL4 COL5 COL6)*/;
    MERGE TAB100(DROP=ROW) TAB199(DROP=ROW);
    BY BENTYPE;
    WHERE MAJGRP='All Beneficiaries';
    SIGNEW=(SCORE00-SCORE99)/SQRT(SE00*SE00+SE99*SE99);
    IF (SIGNEW < -1.96 AND SIGNEW NE .) THEN SIGFLAG=-1;
      ELSE IF (SIGNEW > 1.96 AND SIGNEW NE .) THEN SIGFLAG=1;
      ELSE SIGFLAG=0;

    ROW=60;
    IF BENTYPE='Mammography' THEN COL2=SIGFLAG;
    IF BENTYPE='Pap Smear' THEN COL3=SIGFLAG;
    IF BENTYPE='Hypertension' THEN COL4=SIGFLAG;
    IF BENTYPE='Flu Shot' THEN COL5=SIGFLAG;
    IF BENTYPE='Prenatal Care' THEN COL6=SIGFLAG;

    PROC SORT;
    BY ROW;
RUN;
TITLE2 'TABLE 1';
PROC PRINT;
RUN;

PROC SORT DATA=TAB100; BY ROW; RUN;
PROC SORT DATA=TAB199; BY ROW; RUN;
DATA TAB1_2;
    MERGE TAB1 TAB100 TAB199 TAB200 TAB300;
    BY ROW;
RUN;
DATA COL2(DROP=COL3 COL4 COL5 COL6)
      COL3(DROP=COL2 COL4 COL5 COL6)
      COL4(DROP=COL2 COL3 COL5 COL6)
      COL5(DROP=COL2 COL3 COL4 COL6)
      COL6(DROP=COL2 COL3 COL4 COL5);
    SET TAB1_2;

    IF COL2 NE . THEN OUTPUT COL2;
    IF COL3 NE . THEN OUTPUT COL3;
    IF COL4 NE . THEN OUTPUT COL4;
    IF COL5 NE . THEN OUTPUT COL5;
    IF COL6 NE . THEN OUTPUT COL6;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
PROC SORT DATA=COL5; BY ROW; RUN;
PROC SORT DATA=COL6; BY ROW; RUN;
DATA TABLE1;
    MERGE COL2 COL3 COL4 COL5 COL6;
    BY ROW;
RUN;
TITLE2 'TABLE 1';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
```

```
FILENAME TBL DDE "EXCEL|DATA!R56C2:R61C6";

DATA _NULL_;
  SET TABLE1;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4 '09'X COL5 '09'X COL6;
RUN;
```

5. CALCULATE SCORES AND PRODUCE GRAPHS FOR EACH SERVICE

```
*******************************************************************************
* PROJECT: 8687-220
* PROGRAM: SHORTREPORTQ1SA.SAS
* PURPOSE: To produce numbers that go into data sheet in Excel to produce graphs
*        Service Affiliation only
* AUTHOR : MIKI SATAKE
* DATE   : 4/24/01
* INPUT  : FIGURE 1 - FIGURE 4
*        (2000) J:\DOD\Q1_2000\PROGRAMS\LOADWEB\TOTAL_Q.SD2
*        (1999) J:\8687\PROGRAMS\LOADWEB\CONUS_A.SD2
*        FIGURE 5 AND SPECIAL REPORT GRAPHS
*        (ALL) J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\FIG5TO9.SD2
* OUTPUT : INTO EXCEL SPREADSHEET
*******************************************************************************;

/* LIBNAMES for Service Affiliation Short Reports */
%LET LIBQ  = 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\Q1_2000';
%LET LIBPY = 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS\1999';
%LET DATA1 = MERGFINQ;
%LET DATA2 = MERGFINQ;

/* Change parameter for each region/service affiliation */
%LET VAL = Army;

LIBNAME J1 &LIBQ;
LIBNAME J2 &LIBPY;
LIBNAME J3 'J:\8687\DATA1999\AFINAL';
LIBNAME J4 'J:\DOD\Q1_2000\DATA\AFINAL';
LIBNAME J5 'J:\DOD\Q1_2000\PROGRAMS\SHORTREPORTS';
LIBNAME OUT 'C:\FILES\NEWDOD\SHORT REPORTS';

TITLE '8687-220 DOD SHORT REPORT Q1';

*PROC CONTENTS DATA=J1.TOTAL_Q;
*PROC CONTENTS DATA=J2.CONUS_A;
*RUN;

*PROC FREQ DATA=J1.TOTAL_Q;
*TABLES MAJGRP REGION REGCAT BENTYPE BENEFIT;
*TITLE2 'DATA=J1.TOTAL_Q';
*RUN;
*PROC FREQ DATA=J2.CONUS_A;
*TITLE2 'DATA=J2.CONUS_A';
*RUN;

*******************************************************************************
* FIGURE 1: Health Care Rating
*******************************************************************************;
TITLE2 'Figure 1: Health Care Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Care'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG1_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
```

```
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Care'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG1_99(DROP=COUNT PERCENT);
RUN;
DATA FIG1;
  SET FIG1_00 FIG1_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 3;
  ELSE IF BENTYPE = '1999' THEN ROW = 4;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 5;
  COL2 = SCORE;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 1';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R3C2:R5C2";

DATA _NULL_;
  SET FIG1;
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*****************************************************************************
* FIGURE 2: Health Plan Rating
*****************************************************************************;
TITLE2 'Figure 2: Health Plan Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Plan'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG2_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Health Plan'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG2_99(DROP=COUNT PERCENT);
RUN;
DATA FIG2;
  SET FIG2_00 FIG2_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 9;
  ELSE IF BENTYPE = '1999' THEN ROW = 10;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 11;
  COL2 = SCORE;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 2';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R9C2:R11C2";

DATA _NULL_;
  SET FIG2;
```

```
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*******************************************************************************
* FIGURE 3: Personal Provider Rating
*******************************************************************************;
TITLE2 'Figure 3: Personal Provider Rating';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Primary Care Manager'
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG3_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT = 'Primary Care Manager'
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG3_99(DROP=COUNT PERCENT);
RUN;
DATA FIG3;
  SET FIG3_00 FIG3_99;
  IF MAJGRP = 'Benchmark' THEN ROW = 15;
  ELSE IF BENTYPE = '1999' THEN ROW = 16;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 17;
  COL2 = SCORE;
  PROC SORT;
  BY ROW;
RUN;
TITLE2 'FIGURE 3';
PROC PRINT;
RUN;

*******************************************************************************
* DDE LINK (EXCEL file has to be open )
*******************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R15C2:R17C2";

DATA _NULL_;
  SET FIG3;
  FILE TBL NOTAB LRECL=200;
  PUT COL2;
RUN;

*******************************************************************************
* FIGURE 4: Health Care Topics
*******************************************************************************;
TITLE2 'Figure 4: Health Care Topics';
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('Prime Enrollees','Benchmark')
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT IN ('Getting Needed Care','Getting Care Quickly','Courteous and Helpful Office Staff','How Well Doctors
Communicate','Customer Service','Claims Processing')
    AND BENTYPE = 'January, 2000 to December, 2000';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG4_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'Prime Enrollees'
    AND REGION = "&VAL"
    AND REGCAT = "&VAL"
    AND BENEFIT IN ('Getting Needed Care','Getting Care Quickly','Courteous and Helpful Office Staff','How Well Doctors
Communicate','Customer Service','Claims Processing')
    AND BENTYPE = '1999';
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SCORE/ OUT=FIG4_99(DROP=COUNT PERCENT);
RUN;
```

```
DATA COL2(DROP=SCORE RENAME=(SCORE1=COL2))
    COL3(KEEP=ROW SCORE1 RENAME=(SCORE1=COL3))
    COL4(KEEP=ROW SCORE1 RENAME=(SCORE1=COL4))
    COL5(KEEP=ROW SCORE1 RENAME=(SCORE1=COL5))
    COL6(KEEP=ROW SCORE1 RENAME=(SCORE1=COL6))
    COL7(KEEP=ROW SCORE1 RENAME=(SCORE1=COL7));
  SET FIG4_00 FIG4_99;

  IF MAJGRP = 'Benchmark' THEN ROW = 26;
  ELSE IF BENTYPE = '1999' THEN ROW = 27;
  ELSE IF BENTYPE = 'January, 2000 to December, 2000' THEN ROW = 28;

  SCORE1 = SCORE;

  IF BENEFIT = 'Getting Needed Care' THEN OUTPUT COL2;
  IF BENEFIT = 'Getting Care Quickly' THEN OUTPUT COL3;
  IF BENEFIT = 'Courteous and Helpful Office Staff' THEN OUTPUT COL4;
  IF BENEFIT = 'How Well Doctors Communicate' THEN OUTPUT COL5;
  IF BENEFIT = 'Customer Service' THEN OUTPUT COL6;
  IF BENEFIT = 'Claims Processing' THEN OUTPUT COL7;


RUN;
PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
PROC SORT DATA=COL5; BY ROW; RUN;
PROC SORT DATA=COL6; BY ROW; RUN;
PROC SORT DATA=COL7; BY ROW; RUN;
DATA FIG4;
  MERGE COL2 COL3 COL4 COL5 COL6 COL7;
  BY ROW;
  IF ROW=27 THEN COL3=.; *No 1999 Getting Care Quickly composite;
RUN;
TITLE2 'FIGURE 4';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R26C2:R28C7";

DATA _NULL_;
  SET FIG4;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4 '09'X COL5 '09'X COL6 '09'X COL7;
RUN;

*****************************************************************************
* FIGURE 5: Intent to Disenroll
*****************************************************************************;
TITLE2 'Figure 5: Intent to Disenroll';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 5'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL3*ROW/ OUT=FIG500(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 5'
    AND COL2 NE .;
  TABLES BENTYPE*REGION*FIGURE*COL2*ROW/ OUT=FIG500C(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = '1999'
    AND FIGURE='FIGURE 5'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL3*ROW/ OUT=FIG599(DROP=COUNT PERCENT);
```

```
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = '1999'
    AND FIGURE='FIGURE 5'
    AND COL2 NE .;
  TABLES BENTYPE*REGION*FIGURE*COL2*ROW/ OUT=FIG599C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3)
    COL3(DROP=COL2);
  SET FIG500 FIG500C FIG599 FIG599C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
DATA FIG5;
  MERGE COL2 COL3;
  BY ROW;
RUN;
TITLE2 'FIGURE 5';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R21C2:R22C3";

DATA _NULL_;
  SET FIG5;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3;
RUN;

*****************************************************************************
* FIGURE 6: Chronic Conditions Health Plan Ratings
*****************************************************************************;
TITLE2 'Figure 6: Chronic Conditions Health Plan Ratings';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 6'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG6(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 6';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG6C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG6 FIG6C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG6;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 6';
```

```
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R32C2:R33C4";

DATA _NULL_;
  SET FIG6;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 7: Chronic Conditions Equipment
*****************************************************************************;
TITLE2 'Figure 7: Chronic Conditions Equipment';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 7'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG7(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 7';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG7C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG7 FIG7C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG7;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 7';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R38C2:R39C4";

DATA _NULL_;
  SET FIG7;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 8: Chronic Conditions Therapy
*****************************************************************************;
TITLE2 'Figure 8: Chronic Conditions Therapy';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 8'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG8(DROP=COUNT PERCENT);
RUN;
```

```
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 8';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG8C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG8 FIG8C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG8;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
TITLE2 'FIGURE 8';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R44C2:R45C4";

DATA _NULL_;
  SET FIG8;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* FIGURE 9: Chronic Conditions Home Health Assistance
*****************************************************************************;
TITLE2 'Figure 9: Chronic Conditions Home Health Assistance';
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE FIGURE='FIGURE 9'
    AND REGION = "&VAL";
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG9(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J5.FIG5TO9;
  WHERE BENTYPE = 'January, 2000 to December, 2000'
    AND FIGURE='FIGURE 9';
  TABLES BENTYPE*REGION*FIGURE*COL2*COL3*COL4*ROW/ OUT=FIG9C(DROP=COUNT PERCENT);
RUN;

DATA COL2(DROP=COL3 COL4)
    COL3(DROP=COL2 COL4)
    COL4(DROP=COL2 COL3);
  SET FIG9 FIG9C;

  IF COL2>=0 THEN OUTPUT COL2;
  IF COL3>=0 THEN OUTPUT COL3;
  IF COL4>=0 THEN OUTPUT COL4;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
DATA FIG9;
  MERGE COL2 COL3 COL4;
  BY ROW;
RUN;
```

```
TITLE2 'FIGURE 9';
PROC PRINT;
RUN;

*****************************************************************************
* DDE LINK (EXCEL file has to be open )
*****************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R50C2:R51C4";

DATA _NULL_;
  SET FIG9;
  FILE TBL NOTAB LRECL=200;
  PUT COL2 '09'X COL3 '09'X COL4;
RUN;

*****************************************************************************
* TABLE 1: Preventive Care
*****************************************************************************;
PROC FREQ NOPRINT DATA=J1.&DATA1;
  WHERE MAJGRP IN ('All Beneficiaries','Benchmark')
   AND REGION = "&VAL"
   AND REGCAT = "&VAL"
   AND BENEFIT = 'Preventive Care'
   AND BENTYPE IN ('Mammography', 'Pap Smear', 'Hypertension', 'Flu Shot', 'Prenatal Care');
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SCORE/ OUT=TAB1_00(DROP=COUNT PERCENT);
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*N_OBS/ OUT=TAB2_00(DROP=COUNT PERCENT);
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SIG  / OUT=TAB3_00(DROP=COUNT PERCENT);
RUN;
PROC FREQ NOPRINT DATA=J2.&DATA2;
  WHERE MAJGRP = 'All Beneficiaries'
   AND REGION = "&VAL"
   AND REGCAT = "&VAL"
   AND BENEFIT = 'Preventive Care'
   AND BENTYPE IN ('Mammography', 'Pap Smear', 'Hypertension', 'Flu Shot', 'Prenatal Care');
  TABLES MAJGRP*REGION*BENEFIT*BENTYPE*SEMEAN*SCORE/ OUT=TAB1_99(DROP=COUNT PERCENT);
RUN;
DATA TAB100;
  SET TAB1_00;
  IF MAJGRP = 'Benchmark' THEN DO;
    ROW=58;
    IF BENTYPE='Mammography' THEN COL2=SCORE;
      ELSE IF BENTYPE='Pap Smear' THEN COL3=SCORE;
      ELSE IF BENTYPE='Hypertension' THEN COL4=SCORE;
      ELSE IF BENTYPE='Flu Shot' THEN COL5=SCORE;
      ELSE IF BENTYPE='Prenatal Care' THEN COL6=SCORE;
  END;
    ELSE DO;
      ROW = 57;
      IF BENTYPE='Mammography' THEN DO;
        COL2=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Pap Smear' THEN DO;
        COL3=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Hypertension' THEN DO;
        COL4=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Flu Shot' THEN DO;
        COL5=SCORE;
        SCORE00=SCORE;
        SE00=SEMEAN*100;
      END;
      ELSE IF BENTYPE='Prenatal Care' THEN DO;
        COL6=SCORE;
```

```
          SCORE00=SCORE;
          SE00=SEMEAN*100;
        END;
      END;
    PROC SORT;
    BY BENTYPE;
RUN;
DATA TAB200;
    SET TAB2_00;
    ROW=59;
    IF MAJGRP='All Beneficiaries';
    IF BENTYPE='Mammography' THEN COL2=N_OBS;
      ELSE IF BENTYPE='Pap Smear' THEN COL3=N_OBS;
      ELSE IF BENTYPE='Hypertension' THEN COL4=N_OBS;
      ELSE IF BENTYPE='Flu Shot' THEN COL5=N_OBS;
      ELSE IF BENTYPE='Prenatal Care' THEN COL6=N_OBS;
    PROC SORT;
    BY ROW;
RUN;
DATA TAB300;
    SET TAB3_00;
    ROW=61;
    IF MAJGRP='All Beneficiaries';
    IF BENTYPE='Mammography' THEN COL2=SIG;
      ELSE IF BENTYPE='Pap Smear' THEN COL3=SIG;
      ELSE IF BENTYPE='Hypertension' THEN COL4=SIG;
      ELSE IF BENTYPE='Flu Shot' THEN COL5=SIG;
      ELSE IF BENTYPE='Prenatal Care' THEN COL6=SIG;
    PROC SORT;
    BY ROW;
RUN;
DATA TAB199;
    SET TAB1_99;
    ROW=56;
    IF BENTYPE='Mammography' THEN DO;
      COL2=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    ELSE IF BENTYPE='Pap Smear' THEN DO;
      COL3=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    ELSE IF BENTYPE='Hypertension' THEN DO;
      COL4=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    ELSE IF BENTYPE='Flu Shot' THEN DO;
      COL5=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    ELSE IF BENTYPE='Prenatal Care' THEN DO;
      COL6=SCORE;
      SCORE99=SCORE;
      SE99=SEMEAN*100;
    END;
    PROC SORT;
    BY BENTYPE;
RUN;
DATA TAB1/*(KEEP=BENTYPE SIGFLAG ROW COL2 COL3 COL4 COL5 COL6)*/;
    MERGE TAB100(DROP=ROW) TAB199(DROP=ROW);
    BY BENTYPE;
    WHERE MAJGRP='All Beneficiaries';
    SIGNEW=(SCORE00-SCORE99)/SQRT(SE00*SE00+SE99*SE99);
    IF (SIGNEW < -1.96 AND SIGNEW NE .) THEN SIGFLAG=-1;
      ELSE IF (SIGNEW > 1.96 AND SIGNEW NE .) THEN SIGFLAG=1;
      ELSE SIGFLAG=0;
```

```
   ROW=60;
   IF BENTYPE='Mammography' THEN COL2=SIGFLAG;
   IF BENTYPE='Pap Smear' THEN COL3=SIGFLAG;
   IF BENTYPE='Hypertension' THEN COL4=SIGFLAG;
   IF BENTYPE='Flu Shot' THEN COL5=SIGFLAG;
   IF BENTYPE='Prenatal Care' THEN COL6=SIGFLAG;

   PROC SORT;
   BY ROW;
RUN;
TITLE2 'TABLE 1';
PROC PRINT;
RUN;

PROC SORT DATA=TAB100; BY ROW; RUN;
PROC SORT DATA=TAB199; BY ROW; RUN;
DATA TAB1_2;
   MERGE TAB1 TAB100 TAB199 TAB200 TAB300;
   BY ROW;
RUN;
DATA COL2(DROP=COL3 COL4 COL5 COL6)
     COL3(DROP=COL2 COL4 COL5 COL6)
     COL4(DROP=COL2 COL3 COL5 COL6)
     COL5(DROP=COL2 COL3 COL4 COL6)
     COL6(DROP=COL2 COL3 COL4 COL5);
   SET TAB1_2;

   IF COL2 NE . THEN OUTPUT COL2;
   IF COL3 NE . THEN OUTPUT COL3;
   IF COL4 NE . THEN OUTPUT COL4;
   IF COL5 NE . THEN OUTPUT COL5;
   IF COL6 NE . THEN OUTPUT COL6;
RUN;

PROC SORT DATA=COL2; BY ROW; RUN;
PROC SORT DATA=COL3; BY ROW; RUN;
PROC SORT DATA=COL4; BY ROW; RUN;
PROC SORT DATA=COL5; BY ROW; RUN;
PROC SORT DATA=COL6; BY ROW; RUN;
DATA TABLE1;
   MERGE COL2 COL3 COL4 COL5 COL6;
   BY ROW;
RUN;
TITLE2 'TABLE 1';
PROC PRINT;
RUN;

*******************************************************************************
* DDE LINK (EXCEL file has to be open )
*******************************************************************************;
FILENAME TBL DDE "EXCEL|DATA!R56C2:R61C6";

DATA _NULL_;
   SET TABLE1;
   FILE TBL NOTAB LRECL=200;
   PUT COL2 '09'X COL3 '09'X COL4 '09'X COL5 '09'X COL6;
RUN;
```