NOTE: Copyright (c) 2002-2008 by SAS Institute Inc., Cary, NC, USA.
NOTE: SAS (r) Proprietary Software 9.2 (TS1M0)
      Licensed to SOCIAL & SCIENTIFIC SYSTEMS INC/AHRQ/NIH/HRSA, Site 0070021279.
NOTE: This session is executing on the XP_PRO platform.

NOTE: SAS initialization used:
      real time   0:01.70
      user cpu time   0:00.21
      system cpu time   0:00.74
      Memory   2554k
      OS Memory   3292k
      Timestamp   12/16/2008 2:01:30 PM

NOTE: AUTOEXEC processing beginning; file is C:\PROGRA~1\SAS92\SASFOU~1\9.2\autoexec.sas.

NOTE: AUTOEXEC processing completed.

```
1          /*********************************************************************\
2
3          PROGRAM:    C:\MEPS\PROG\M8.SAS
4
5          DESCRIPTION: THIS EXAMPLE SHOWS HOW TO COMPUTE PRESCRIBED
6                              MEDICINE EXPENDITURES ASSOCIATED WITH CANCER
7                              CONDITIONS.
8
9                              IN ADDITION TO THE MEDICAL CONDITIONS AND FULL-
10                             YEAR FILES, THE PRESCRIBED MEDICINES EVENT FILE AND
11                             THE CLNK FILE ARE USED.
12                             THE PMED EXPENDITURES ARE SUMMED TO THE EVENT
13                             LEVEL.
14                             MODIFIED SOURCE OF PAYMENT (SOP) CATEGORIES
15                             ARE CREATED AS COLUMN CATEGORIES.
16                             ROW CATEGORIES ARE AGE AND RACE/ETHNICITY (FROM
17                             THE FULL-YEAR FILE).
18                             USE PROC TABULATE TO COMPUTE AND DISPLAY OUTPUT.
19
20         INPUT FILES: (1) C:\MEPS\DATA\H97.SAS7BDAT (2005 FULL-YEAR DATA FILE)
21                          (2) C:\MEPS\DATA\H96.SAS7BDAT (2005 MEDICAL CONDITIONS FILE)
22                          (3) C:\MEPS\DATA\H94I1.SAS7BDAT (2005 CLNK FILE)
23                                    THIS FILE LINKS CONDITIONS TO EVENTS
24                          (4) C:\MEPS\DATA\H94A.SAS7BDAT (2005 PRESCRIBED MED. FILE)
25
26         \*********************************************************************/
27
28         FOOTNOTE 'PROGRAM: C:\MEPS\PROG\M8.SAS';
29
30         LIBNAME CDATA 'C:\MEPS\DATA';
```
NOTE: Libref CDATA was successfully assigned as follows:
      Engine: V9
      Physical Name: C:\MEPS\DATA
```
31
32         TITLE1 'AHRQ MEPS DATA USERS WORKSHOP -- SEPTEMBER 2008';
33         TITLE2 'PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS';
34
35         PROC FORMAT;
36
36      !  VALUE AGECAT
37             .='TOTAL'
38             1=' < 18'
39             2='18-64'
40             3='65+'
41             ;
```
NOTE: Format AGECAT has been output.
```
42
42      !  VALUE RACETHNB
43             1 = 'HISPANIC'
44             2 = 'BLACK'
45             3 = 'ASIAN'
46             4 = 'OTHER';
```
NOTE: Format RACETHNB has been output.
```
47         RUN;
```

NOTE: PROCEDURE FORMAT used (Total process time):

```
      real time            0:00.11
      user cpu time        0:00.00
      system cpu time      0:00.06
      Memory                         145k
      OS Memory                      3548k
      Timestamp            12/16/2008  2:01:30 PM


48
49        /***** USE CCCODEX VALUES TO SELECT PEOPLE WITH CANCER FROM 2005 CONDITION FILE. *****/
50
51        DATA COND05 (KEEP=DUPERSID CONDIDX);
52              SET CDATA.H96 (KEEP=DUPERSID CCCODEX CONDIDX
53                        WHERE =('011' <= CCCODEX <= '045' ) );
54        RUN;

NOTE: There were 1411 observations read from the data set CDATA.H96.
      WHERE (CCCODEX>='011' and CCCODEX<='045');
NOTE: The data set WORK.COND05 has 1411 observations and 2 variables.
NOTE: DATA statement used (Total process time):
      real time            0:00.09
      user cpu time        0:00.01
      system cpu time      0:00.07
      Memory                         651k
      OS Memory                      4344k
      Timestamp            12/16/2008  2:01:30 PM


55
56        /***** GET PRESCRIBED MEDICINES EXPENSES FROM 2005 PMED FILE. *****/
57
58
59        PROC SORT DATA= CDATA.H94A (KEEP= DUPERSID RXRECIDX LINKIDX RXSF05X RXMD05X RXPV05X
60                                    RXMR05X RXXP05X RXNDC)
61              OUT= PMEDACQ;
62          BY LINKIDX RXRECIDX;
63        RUN;

NOTE: There were 317587 observations read from the data set CDATA.H94A.
NOTE: The data set WORK.PMEDACQ has 317587 observations and 9 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time            0:02.02
      user cpu time        0:00.18
      system cpu time      0:00.32
      Memory                         45293k
      OS Memory                      49296k
      Timestamp            12/16/2008  2:01:32 PM


64
65        TITLE3 'ILLUSTRATION OF PMED RECORDS AT THE ACQUISITION LEVEL';
66        TITLE4 'PRE-SELECTED PERSONS';
67
68        PROC PRINT DATA= PMEDACQ LABEL ;
69             VAR DUPERSID LINKIDX RXRECIDX RXXP05X RXSF05X RXPV05X RXMD05X RXMR05X ;
70             LABEL    RXXP05X = 'TOTAL EXP'
71                        RXSF05X = 'OOP'
72                        RXMD05X = 'MEDICAID'
73                        RXMR05X = 'MEDICARE'
74                        RXPV05X = 'PRIVATE' ;
75          WHERE DUPERSID IN ('32663024', '33634027') ;
76        RUN;

NOTE: There were 74 observations read from the data set WORK.PMEDACQ.
      WHERE DUPERSID in ('32663024', '33634027');
NOTE: The PROCEDURE PRINT printed pages 1-2.
NOTE: PROCEDURE PRINT used (Total process time):
      real time            0:00.14
      user cpu time        0:00.04
      system cpu time      0:00.06
      Memory                         1397k
      OS Memory                      5376k
      Timestamp            12/16/2008  2:01:32 PM


77
78        /***** SUM PMED EXPENSES TO EVENT LEVEL *****/
```

```
79
80          DATA PMEDEVNT (KEEP= DUPERSID EVNTIDX OOP MEDICARE MEDICAID PRIVATE OTHER TOTRX05 RXNDC);
81                  SET PMEDACQ;
82                  BY LINKIDX RXRECIDX;
83                  ARRAY EXPVARS{5} OOP MEDICARE MEDICAID PRIVATE TOTRX05  ;
84                  IF FIRST.LINKIDX
85                          THEN DO XX = 1 TO 5;
86                                  EXPVARS{XX} = 0;
87                                 END;
88                  OOP+RXSF05X;
89                  MEDICARE+RXMR05X;
90                  MEDICAID+RXMD05X;
91                  PRIVATE+RXPV05X;
92                  TOTRX05+RXXP05X;
93                  EVNTIDX=LINKIDX;
94                  IF LAST.LINKIDX
95                          THEN
96                          DO;
97                                  OTHER= ROUND(TOTRX05-(MEDICARE+MEDICAID+PRIVATE+OOP));
98                                  OUTPUT;
99                          END;
100             LABEL    OOP = 'OUT-OF-POCKET'
101                          MEDICARE = 'MEDICARE'
102                          MEDICAID = 'MEDICAID'
103                          PRIVATE = 'PRIVATE'
104                          OTHER = 'OTHER'
105                          TOTRX05 = 'TOTAL PMED EXPENSES';
106         RUN;

NOTE: There were 317587 observations read from the data set WORK.PMEDACQ.
NOTE: The data set WORK.PMEDEVNT has 127723 observations and 9 variables.
NOTE: DATA statement used (Total process time):
      real time           0:00.60
      user cpu time       0:00.10
      system cpu time     0:00.06
      Memory                          337k
      OS Memory                       5092k
      Timestamp           12/16/2008  2:01:33 PM


107
108         TITLE3 'ILLUSTRATION OF PMED RECORDS AT THE EVENT LEVEL';
109         TITLE4 'PRE-SELECTED PERSONS';
110
111         PROC PRINT DATA= PMEDEVNT ;
112             VAR DUPERSID EVNTIDX RXNDC TOTRX05 OOP PRIVATE MEDICARE MEDICAID OTHER;
113           WHERE DUPERSID IN ('32663024', '33634027') ;
114         RUN;

NOTE: There were 35 observations read from the data set WORK.PMEDEVNT.
      WHERE DUPERSID in ('32663024', '33634027');
NOTE: The PROCEDURE PRINT printed page 3.
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0:00.01
      user cpu time       0:00.00
      system cpu time     0:00.01
      Memory                          492k
      OS Memory                       5376k
      Timestamp           12/16/2008  2:01:33 PM


115
116         /***** MERGE CONDITIONS FILE TO PRESCRIBED MEDICINE EVENTS THROUGH CLNK FILE *****/
117
118         * READ 2005 CLNK FILE;
119         DATA CLNK;
120             SET CDATA.H94I1 (KEEP=CONDIDX EVNTIDX);
121         RUN;

NOTE: There were 343960 observations read from the data set CDATA.H94I1.
NOTE: The data set WORK.CLNK has 343960 observations and 2 variables.
NOTE: DATA statement used (Total process time):
      real time           0:00.09
      user cpu time       0:00.04
      system cpu time     0:00.03
      Memory                          290k
      OS Memory                       5092k
```

```
        Timestamp            12/16/2008  2:01:33 PM


122
123       PROC SORT DATA=CLNK;
124            BY CONDIDX;
125       RUN;

NOTE: There were 343960 observations read from the data set WORK.CLNK.
NOTE: The data set WORK.CLNK has 343960 observations and 2 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time            0:01.33
      user cpu time        0:00.15
      system cpu time      0:00.06
      Memory                           21454k
      OS Memory                        26428k
      Timestamp            12/16/2008  2:01:35 PM


126
127       PROC SORT DATA=COND05;
128            BY CONDIDX;
129       RUN;

NOTE: There were 1411 observations read from the data set WORK.COND05.
NOTE: The data set WORK.COND05 has 1411 observations and 2 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time            0:00.03
      user cpu time        0:00.00
      system cpu time      0:00.03
      Memory                           236k
      OS Memory                        5604k
      Timestamp            12/16/2008  2:01:35 PM


130
131       /***** MERGE BY CONDIDX TO GET EVNTIDS ASSOCIATED WITH CANCER EVENTS *****/
132
133       DATA CONDCLNK;
134            MERGE COND05 (IN=A) CLNK (IN=B) ;
135            BY CONDIDX;
136            IF A;
137       RUN;

NOTE: There were 1411 observations read from the data set WORK.COND05.
NOTE: There were 343960 observations read from the data set WORK.CLNK.
NOTE: The data set WORK.CONDCLNK has 8194 observations and 3 variables.
NOTE: DATA statement used (Total process time):
      real time            0:00.09
      user cpu time        0:00.07
      system cpu time      0:00.01
      Memory                           335k
      OS Memory                        5604k
      Timestamp            12/16/2008  2:01:35 PM


138
139       PROC SORT DATA=PMEDEVNT;
140            BY  EVNTIDX;
141       RUN;

NOTE: There were 127723 observations read from the data set WORK.PMEDEVNT.
NOTE: The data set WORK.PMEDEVNT has 127723 observations and 9 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time            0:00.12
      user cpu time        0:00.07
      system cpu time      0:00.07
      Memory                           16369k
      OS Memory                        21288k
      Timestamp            12/16/2008  2:01:35 PM


142
143       PROC SORT DATA=CONDCLNK;
144            BY EVNTIDX;
145       RUN;
```

```
NOTE: There were 8194 observations read from the data set WORK.CONDCLNK.
NOTE: The data set WORK.CONDCLNK has 8194 observations and 3 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time             0:00.01
      user cpu time         0:00.00
      system cpu time       0:00.01
      Memory                          629k
      OS Memory                       6116k
      Timestamp             12/16/2008  2:01:35 PM


146
147        /***** NOW MERGE CONDITIONS FILE WITH EVENTIDS TO PMED EVENT FILE. *****/
148        /***** ONLY KEEP RECORDS THAT MATCH.                              *****/
149
150        DATA CONDPMED;
151            MERGE CONDCLNK (IN=A) PMEDEVNT(IN=B) ;
152            BY EVNTIDX;
153            IF A AND B;
154
155        RUN;

NOTE: There were 8194 observations read from the data set WORK.CONDCLNK.
NOTE: There were 127723 observations read from the data set WORK.PMEDEVNT.
NOTE: The data set WORK.CONDPMED has 1010 observations and 10 variables.
NOTE: DATA statement used (Total process time):
      real time             0:00.06
      user cpu time         0:00.01
      system cpu time       0:00.01
      Memory                          409k
      OS Memory                       6372k
      Timestamp             12/16/2008  2:01:35 PM


156
157        PROC SORT DATA= CONDPMED;
158            BY EVNTIDX CONDIDX;
159        RUN;

NOTE: There were 1010 observations read from the data set WORK.CONDPMED.
NOTE: The data set WORK.CONDPMED has 1010 observations and 10 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time             0:00.01
      user cpu time         0:00.00
      system cpu time       0:00.00
      Memory                          356k
      OS Memory                       6372k
      Timestamp             12/16/2008  2:01:35 PM


160
161        TITLE3 'ILLUSTRATION OF DUPLICATE EVENTS/EXPENDITURES';
162        TITLE4 'PRE-SELECTED PERSONS';
163
164        PROC PRINT DATA= CONDPMED ;
165            VAR DUPERSID CONDIDX EVNTIDX TOTRX05 OOP
166                PRIVATE MEDICARE MEDICAID OTHER;
167          WHERE DUPERSID IN ('32663024', '33634027') ;
168        RUN;

NOTE: There were 29 observations read from the data set WORK.CONDPMED.
      WHERE DUPERSID in ('32663024', '33634027');
NOTE: The PROCEDURE PRINT printed page 4.
NOTE: PROCEDURE PRINT used (Total process time):
      real time             0:00.01
      user cpu time         0:00.00
      system cpu time       0:00.01
      Memory                          492k
      OS Memory                       6656k
      Timestamp             12/16/2008  2:01:35 PM


169
170        /***** DE-DUPLICATE EXPENDITURES *****/
171
172
173        PROC SORT DATA=CONDPMED NODUPKEY;
```

```
174            BY EVNTIDX;
175        RUN;

NOTE: There were 1010 observations read from the data set WORK.CONDPMED.
NOTE: 33 observations with duplicate key values were deleted.
NOTE: The data set WORK.CONDPMED has 977 observations and 10 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time             0:00.20
      user cpu time         0:00.00
      system cpu time       0:00.00
      Memory                          356k
      OS Memory                       6372k
      Timestamp             12/16/2008  2:01:35 PM


176
177        TITLE3 'ILLUSTRATION OF DE-DUPLICATED EVENTS/EXPENDITURES';
178        TITLE4 'PRE-SELECTED PERSONS';
179
180        PROC PRINT DATA=CONDPMED ;
181            VAR DUPERSID CONDIDX EVNTIDX TOTRX05 OOP
182                PRIVATE MEDICARE MEDICAID OTHER;
183          WHERE DUPERSID IN ('32663024', '33634027') ;
184        RUN;

NOTE: There were 13 observations read from the data set WORK.CONDPMED.
      WHERE DUPERSID in ('32663024', '33634027');
NOTE: The PROCEDURE PRINT printed page 5.
NOTE: PROCEDURE PRINT used (Total process time):
      real time             0:00.01
      user cpu time         0:00.00
      system cpu time       0:00.01
      Memory                          492k
      OS Memory                       6656k
      Timestamp             12/16/2008  2:01:35 PM


185
186        /***** USE FULL-YEAR FILE TO GET AGE AND RACE/ETHNICITY VARIABLES.   *****/
187        /***** SET AGE AS LATEST VALID AGE AND RE-CATEGORIZE RACE/ETHNICITY. *****/
188
189        * READ 2005 CONSOLIDATED FULL YEAR FILE;
190        DATA PUF97 (KEEP= DUPERSID AGECAT  RACETHNX PERWT05F);
191            SET CDATA.H97 (KEEP= DUPERSID AGE: RACETHNX RACEX
192                    PERWT05F);
193            IF AGE05X>=0 THEN AGE=AGE05X;
194            ELSE IF AGE53X>=0 THEN AGE=AGE53X;
195            ELSE IF AGE42X>=0 THEN AGE=AGE42X;
196            ELSE IF AGE31X>=0 THEN AGE=AGE31X;
197            ELSE AGE=AGE05X;
198            IF 0<= AGE <18 THEN AGECAT=1;
199            ELSE IF 18 <= AGE <65 THEN AGECAT=2;
200            ELSE IF AGE>=65 THEN AGECAT=3;
201            LABEL   AGECAT='AGE IN YEARS'
202                    RACETHNX='RACE/ENTHNICITY';
203        RUN;

NOTE: There were 33961 observations read from the data set CDATA.H97.
NOTE: The data set WORK.PUF97 has 33961 observations and 4 variables.
NOTE: DATA statement used (Total process time):
      real time             0:03.07
      user cpu time         0:00.07
      system cpu time       0:00.12
      Memory                          537k
      OS Memory                       6372k
      Timestamp             12/16/2008  2:01:38 PM


204
205        /***** MERGE RACE/ETHNICITY VARIABLES ONTO COND/PMED FILE *****/
206
207        DATA TEMP;
208            MERGE CONDPMED(IN=A) PUF97 (IN=B);
209            BY DUPERSID;
210            IF A;
211            OOP=OOP/1000;
212            PRIVATE=PRIVATE/1000;
```

```
213              MEDICARE=MEDICARE/1000;
214              MEDICAID=MEDICAID/1000;
215              OTHER=OTHER/1000;
216              TOTRX05=TOTRX05/1000;
217         RUN;
```

```
NOTE: There were 977 observations read from the data set WORK.CONDPMED.
NOTE: There were 33961 observations read from the data set WORK.PUF97.
NOTE: The data set WORK.TEMP has 977 observations and 13 variables.
NOTE: DATA statement used (Total process time):
      real time            0:00.03
      user cpu time        0:00.00
      system cpu time      0:00.01
      Memory                        444k
      OS Memory                     6372k
      Timestamp            12/16/2008  2:01:38 PM
```

```
218
219         TITLE3 'DOLLARS IN THOUSANDS';
220
221         PROC TABULATE DATA=TEMP MISSING FORMAT=COMMA10.0 ;
222              CLASS AGECAT  RACETHNX;
223              VAR    TOTRX05 OOP PRIVATE MEDICARE MEDICAID OTHER;
224              FORMAT AGECAT AGECAT.    RACETHNX RACETHNB.;
225              TABLE  ALL='TOTAL' AGECAT RACETHNX ,
226                     TOTRX05*SUM OOP*SUM PRIVATE*SUM MEDICARE*SUM
227                     MEDICAID*SUM OTHER*SUM
228                     /RTS=20 ;
229         WEIGHT PERWT05F;
230         RUN;
```

```
NOTE: There were 977 observations read from the data set WORK.TEMP.
NOTE: The PROCEDURE TABULATE printed page 6.
NOTE: PROCEDURE TABULATE used (Total process time):
      real time            0:01.06
      user cpu time        0:00.01
      system cpu time      0:00.10
      Memory                        6431k
      OS Memory                     11788k
      Timestamp            12/16/2008  2:01:39 PM
```

```
231
```

```
NOTE: SAS Institute Inc., SAS Campus Drive, Cary, NC USA 27513-2414
NOTE: The SAS System used:
      real time            0:11.38
      user cpu time        0:01.10
      system cpu time      0:02.06
      Memory                        48180k
      OS Memory                     49296k
      Timestamp            12/16/2008  2:01:39 PM
```

PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
ILLUSTRATION OF PMED RECORDS AT THE ACQUISITION LEVEL
PRE-SELECTED PERSONS

Obs	PERSON ID (DUID + PID)	ID FOR LINKAGE TO COND/OTH EVENT FILES	UNIQUE Rx/PRESCRIBED MEDICINE IDENTIFIER	TOTAL EXP	OOP	PRIVATE	MEDICAID	MEDICARE
51531	32663024	326630240059	326630240059001	44.09	44.09	0	0.00	0
51532	32663024	326630240059	326630240059002	44.09	44.09	0	0.00	0
51533	32663024	326630240066	326630240066001	15.89	15.89	0	0.00	0
51534	32663024	326630240073	326630240073001	37.78	37.78	0	0.00	0
51535	32663024	326630240097	326630240097001	76.25	76.25	0	0.00	0
51536	32663024	326630240100	326630240100001	37.78	37.78	0	0.00	0
51537	32663024	326630240388	326630240388001	43.95	43.95	0	0.00	0
51538	32663024	326630240388	326630240388002	43.95	43.95	0	0.00	0
51539	32663024	326630240422	326630240422001	33.29	33.29	0	0.00	0
51540	32663024	326630240439	326630240439001	31.95	31.95	0	0.00	0
51541	32663024	326630240446	326630240446001	68.95	68.95	0	0.00	0
51542	32663024	326630240453	326630240453001	9.95	9.95	0	0.00	0
51543	32663024	326630240460	326630240460001	125.95	125.95	0	0.00	0
51544	32663024	326630240477	326630240477001	15.95	15.95	0	0.00	0
51545	32663024	326630240511	326630240511001	14.95	14.95	0	0.00	0
51546	32663024	326630240528	326630240528001	44.99	44.99	0	0.00	0
51547	32663024	326630240528	326630240528002	44.99	44.99	0	0.00	0
70621	33634027	336340270067	336340270067001	23.30	23.30	0	0.00	0
70622	33634027	336340270074	336340270074001	27.10	19.98	0	7.12	0
70623	33634027	336340270081	336340270081001	43.04	19.98	0	23.06	0
70624	33634027	336340270098	336340270098001	26.38	26.38	0	0.00	0
70625	33634027	336340270101	336340270101001	34.98	34.98	0	0.00	0
70626	33634027	336340270118	336340270118001	88.79	25.04	0	63.75	0
70627	33634027	336340270125	336340270125001	101.90	25.83	0	76.07	0
70628	33634027	336340270132	336340270132001	25.83	25.83	0	0.00	0
70629	33634027	336340270149	336340270149001	19.98	19.98	0	0.00	0
70630	33634027	336340270156	336340270156001	51.75	3.00	0	48.75	0
70631	33634027	336340270454	336340270454001	29.79	23.30	0	6.49	0
70632	33634027	336340270454	336340270454002	29.79	23.30	0	6.49	0
70633	33634027	336340270454	336340270454003	29.79	23.30	0	6.49	0
70634	33634027	336340270454	336340270454004	29.79	23.30	0	6.49	0
70635	33634027	336340270454	336340270454005	29.79	23.30	0	6.49	0
70636	33634027	336340270454	336340270454006	29.79	23.30	0	6.49	0
70637	33634027	336340270461	336340270461001	19.98	19.98	0	0.00	0
70638	33634027	336340270461	336340270461002	19.98	19.98	0	0.00	0
70639	33634027	336340270461	336340270461003	19.98	19.98	0	0.00	0
70640	33634027	336340270478	336340270478001	43.04	19.98	0	23.06	0
70641	33634027	336340270478	336340270478002	43.04	19.98	0	23.06	0
70642	33634027	336340270478	336340270478003	43.04	19.98	0	23.06	0
70643	33634027	336340270478	336340270478004	43.04	19.98	0	23.06	0
70644	33634027	336340270478	336340270478005	43.04	19.98	0	23.06	0
70645	33634027	336340270478	336340270478006	43.04	19.98	0	23.06	0
70646	33634027	336340270485	336340270485001	26.38	26.38	0	0.00	0
70647	33634027	336340270485	336340270485002	26.38	26.38	0	0.00	0
70648	33634027	336340270485	336340270485003	26.38	26.38	0	0.00	0
70649	33634027	336340270485	336340270485004	26.38	26.38	0	0.00	0
70650	33634027	336340270485	336340270485005	26.38	26.38	0	0.00	0
70651	33634027	336340270492	336340270492001	34.98	34.98	0	0.00	0
70652	33634027	336340270492	336340270492002	34.98	34.98	0	0.00	0
70653	33634027	336340270492	336340270492003	34.98	34.98	0	0.00	0
70654	33634027	336340270492	336340270492004	34.98	34.98	0	0.00	0
70655	33634027	336340270492	336340270492005	34.98	34.98	0	0.00	0
70656	33634027	336340270492	336340270492006	34.98	34.98	0	0.00	0
70657	33634027	336340270505	336340270505001	88.56	25.04	0	63.52	0
70658	33634027	336340270505	336340270505002	88.56	25.04	0	63.52	0
70659	33634027	336340270505	336340270505003	53.14	25.04	0	28.10	0
70660	33634027	336340270505	336340270505004	88.56	25.04	0	63.52	0
70661	33634027	336340270512	336340270512001	101.90	25.83	0	76.07	0
70662	33634027	336340270512	336340270512002	101.90	25.83	0	76.07	0
70663	33634027	336340270512	336340270512003	101.90	25.83	0	76.07	0
70664	33634027	336340270529	336340270529001	37.98	37.98	0	0.00	0
70665	33634027	336340270529	336340270529002	37.98	37.98	0	0.00	0
70666	33634027	336340270529	336340270529003	37.98	37.98	0	0.00	0
70667	33634027	336340270529	336340270529004	37.98	37.98	0	0.00	0
70668	33634027	336340270529	336340270529005	37.98	37.98	0	0.00	0
70669	33634027	336340270536	336340270536001	27.98	27.98	0	0.00	0
70670	33634027	336340270536	336340270536002	19.98	19.98	0	0.00	0

PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
ILLUSTRATION OF PMED RECORDS AT THE ACQUISITION LEVEL
PRE-SELECTED PERSONS

	PERSON ID (DUID + PID)	ID FOR LINKAGE TO COND/OTH EVENT FILES	UNIQUE Rx/PRESCRIBED MEDICINE IDENTIFIER	TOTAL EXP	OOP	PRIVATE	MEDICAID	MEDICARE
Obs								
70671	33634027	336340270536	336340270536003	19.98	19.98	0	0.00	0
70672	33634027	336340270536	336340270536004	27.98	27.98	0	0.00	0
70673	33634027	336340270543	336340270543001	51.75	3.00	0	48.75	0
70674	33634027	336340270543	336340270543002	51.75	3.00	0	48.75	0
70675	33634027	336340270543	336340270543003	51.75	3.00	0	48.75	0
70676	33634027	336340270550	336340270550001	25.83	25.83	0	0.00	0
70677	33634027	336340270550	336340270550002	25.83	25.83	0	0.00	0

PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
ILLUSTRATION OF PMED RECORDS AT THE EVENT LEVEL
PRE-SELECTED PERSONS

Obs	DUPERSID	EVNTIDX	RXNDC	TOTRX05	OOP	PRIVATE	MEDICARE	MEDICAID	OTHER
20798	32663024	326630240059	00185011701	88.18	88.18	0	0	0.00	0
20799	32663024	326630240066	00006074982	15.89	15.89	0	0	0.00	0
20800	32663024	326630240073	00062161001	37.78	37.78	0	0	0.00	0
20801	32663024	326630240097	00093067005	76.25	76.25	0	0	0.00	0
20802	32663024	326630240100	00062161001	37.78	37.78	0	0	0.00	0
20803	32663024	326630240388	00054418425	87.90	87.90	0	0	0.00	0
20804	32663024	326630240422	00406324301	33.29	33.29	0	0	0.00	0
20805	32663024	326630240439	00185011701	31.95	31.95	0	0	0.00	0
20806	32663024	326630240446	59762501601	68.95	68.95	0	0	0.00	0
20807	32663024	326630240453	00603221321	9.95	9.95	0	0	0.00	0
20808	32663024	326630240460	00008084181	125.95	125.95	0	0	0.00	0
20809	32663024	326630240477	00603546628	15.95	15.95	0	0	0.00	0
20810	32663024	326630240511	00406035801	14.95	14.95	0	0	0.00	0
20811	32663024	326630240528	00781178901	89.98	89.98	0	0	0.00	0
28403	33634027	336340270067	59930156001	23.30	23.30	0	0	0.00	0
28404	33634027	336340270074	53489022101	27.10	19.98	0	0	7.12	0
28405	33634027	336340270081	51672400503	43.04	19.98	0	0	23.06	0
28406	33634027	336340270098	00591551310	26.38	26.38	0	0	0.00	0
28407	33634027	336340270101	00781183010	34.98	34.98	0	0	0.00	0
28408	33634027	336340270118	00056016870	88.79	25.04	0	0	63.75	0
28409	33634027	336340270125	00406833001	101.90	25.83	0	0	76.07	0
28410	33634027	336340270132	00054458225	25.83	25.83	0	0	0.00	0
28411	33634027	336340270149	50111045901	19.98	19.98	0	0	0.00	0
28412	33634027	336340270156	49502050001	51.75	3.00	0	0	48.75	0
28413	33634027	336340270454	00172439018	178.74	139.80	0	0	38.94	0
28414	33634027	336340270461	68084011600	59.94	59.94	0	0	0.00	0
28415	33634027	336340270478	51672400503	258.24	119.88	0	0	138.36	0
28416	33634027	336340270485	00591551310	131.90	131.90	0	0	0.00	0
28417	33634027	336340270492	00781183010	209.88	209.88	0	0	0.00	0
28418	33634027	336340270505	00056018870	318.82	100.16	0	0	218.66	0
28419	33634027	336340270512	00406833001	305.70	77.49	0	0	228.21	0
28420	33634027	336340270529	00054458325	189.90	189.90	0	0	0.00	0
28421	33634027	336340270536	50111045901	95.92	95.92	0	0	0.00	0
28422	33634027	336340270543	49502050001	155.25	9.00	0	0	146.25	0
28423	33634027	336340270550	58177033004	51.66	51.66	0	0	0.00	0

PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
ILLUSTRATION OF DUPLICATE EVENTS/EXPENDITURES
PRE-SELECTED PERSONS

Obs	DUPERSID	CONDIDX	EVNTIDX	TOTRX05	OOP	PRIVATE	MEDICARE	MEDICAID	OTHER
193	32663024	326630240029	326630240073	37.78	37.78	0	0	0.00	0
194	32663024	326630240013	326630240100	37.78	37.78	0	0	0.00	0
195	32663024	326630240079	326630240100	37.78	37.78	0	0	0.00	0
196	32663024	326630240104	326630240388	87.90	87.90	0	0	0.00	0
197	32663024	326630240126	326630240388	87.90	87.90	0	0	0.00	0
198	32663024	326630240104	326630240422	33.29	33.29	0	0	0.00	0
199	32663024	326630240126	326630240422	33.29	33.29	0	0	0.00	0
200	32663024	326630240132	326630240422	33.29	33.29	0	0	0.00	0
201	32663024	326630240104	326630240446	68.95	68.95	0	0	0.00	0
202	32663024	326630240126	326630240446	68.95	68.95	0	0	0.00	0
203	32663024	326630240132	326630240446	68.95	68.95	0	0	0.00	0
204	32663024	326630240104	326630240453	9.95	9.95	0	0	0.00	0
205	32663024	326630240126	326630240453	9.95	9.95	0	0	0.00	0
206	32663024	326630240104	326630240477	15.95	15.95	0	0	0.00	0
207	32663024	326630240126	326630240477	15.95	15.95	0	0	0.00	0
208	32663024	326630240132	326630240477	15.95	15.95	0	0	0.00	0
209	32663024	326630240104	326630240511	14.95	14.95	0	0	0.00	0
210	32663024	326630240126	326630240511	14.95	14.95	0	0	0.00	0
211	32663024	326630240132	326630240511	14.95	14.95	0	0	0.00	0
261	33634027	336340270049	336340270125	101.90	25.83	0	0	76.07	0
262	33634027	336340270055	336340270125	101.90	25.83	0	0	76.07	0
263	33634027	336340270049	336340270132	25.83	25.83	0	0	0.00	0
264	33634027	336340270055	336340270132	25.83	25.83	0	0	0.00	0
265	33634027	336340270049	336340270512	305.70	77.49	0	0	228.21	0
266	33634027	336340270055	336340270512	305.70	77.49	0	0	228.21	0
267	33634027	336340270049	336340270529	189.90	189.90	0	0	0.00	0
268	33634027	336340270055	336340270529	189.90	189.90	0	0	0.00	0
269	33634027	336340270049	336340270550	51.66	51.66	0	0	0.00	0
270	33634027	336340270055	336340270550	51.66	51.66	0	0	0.00	0

                     PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
                         ILLUSTRATION OF DE-DUPLICATED EVENTS/EXPENDITURES
                                    PRE-SELECTED PERSONS

Obs	DUPERSID	CONDIDX	EVNTIDX	TOTRX05	OOP	PRIVATE	MEDICARE	MEDICAID	OTHER
190	32663024	326630240029	326630240073	37.78	37.78	0	0	0.00	0
191	32663024	326630240013	326630240100	37.78	37.78	0	0	0.00	0
192	32663024	326630240104	326630240388	87.90	87.90	0	0	0.00	0
193	32663024	326630240104	326630240422	33.29	33.29	0	0	0.00	0
194	32663024	326630240104	326630240446	68.95	68.95	0	0	0.00	0
195	32663024	326630240104	326630240453	9.95	9.95	0	0	0.00	0
196	32663024	326630240104	326630240477	15.95	15.95	0	0	0.00	0
197	32663024	326630240104	326630240511	14.95	14.95	0	0	0.00	0
247	33634027	336340270049	336340270125	101.90	25.83	0	0	76.07	0
248	33634027	336340270049	336340270132	25.83	25.83	0	0	0.00	0
249	33634027	336340270049	336340270512	305.70	77.49	0	0	228.21	0
250	33634027	336340270049	336340270529	189.90	189.90	0	0	0.00	0
251	33634027	336340270049	336340270550	51.66	51.66	0	0	0.00	0

PRESCRIBED MEDICINES EXPENDITURES FOR CANCER CONDITIONS
DOLLARS IN THOUSANDS

	TOTAL PMED EXPENSES	OUT-OF-POCKET	PRIVATE	MEDICARE	MEDICAID	OTHER
	Sum	Sum	Sum	Sum	Sum	Sum
TOTAL	3,365,755	917,596	2,098,507	27,719	178,322	143,622
AGE IN YEARS						
< 18	82,970	32,143	27,801	0	23,026	0
18-64	2,443,150	378,152	1,883,244	10,098	131,737	39,918
65+	839,636	507,301	187,462	17,621	23,560	103,704
RACE/ENTHNICITY						
HISPANIC	102,137	48,058	10,624	3,359	39,648	452
BLACK	169,128	28,422	118,680	3,217	17,744	1,064
ASIAN	886,862	10,118	874,513	0	350	1,892
OTHER	2,207,629	830,998	1,094,690	21,143	120,581	140,214