

[illegible]

J E S 2 J O B L O G

23.41.23 JOB 5256 IEF1961 IEF2371 311 ALLOCATED TO SYS00680
 23.41.23 JOB 5256 IEF1961 IEF2851 SYSCTLG.VCRCUSP
 23.41.23 JOB 5256 IEF1961 IEF2851 VOL SER NOS= CRCUSP.
 23.41.14 JOB 5256 \$HASP373 A0477CCA STARTED - INIT 2 - CLASS A - SYS V0#2
 23.41.15 JOB 5256 CDC3011 CDCUJI ENCOUNTERED A JOB. CONTINUING.

KEPT

<<< STEP 1 STATISTICS >>>

	JOBNAME	A0477CCA	-TIMES-	-EXCPS-	-PAGING-	-MISC.-
23.44.38 JOB 5256 *	STEPNAME	SAS	CPU 00.00.10.81	TAPE 0	PAGE 20	SERV 78079
23.44.38 JOB 5256 *	PROCSTEP		SRB 00.00.01.07	DISK 4350	SWAP 0	PGN 1
23.44.38 JOB 5256 *	PGM NAME	SAS	ELAPSED 00.03.23.66	VIOXC 0	VID 0	VIRT 512K
23.44.38 JOB 5256 *	RC	00			#SWAP 0	SYS 220K

23.44.39 JOB 5256 * JOB ACCOUNTING SUMMARY FOR JOB 5256 A0477CCA
 23.44.39 JOB 5256 * 08/29/84 23.44.39 REOA ACCT 0477 001 INTRDR IN 0 23.59.52

	RESOURCE	QUANTITY USED	RATE	RESOURCE COST	MIN
23.44.40 JOB 5256 *	RESIDENT TIME	0.0567 HRS	(OR)		
23.44.40 JOB 5256 *	CPU TIME	10.81 SEC			
23.44.40 JOB 5256 *	REGION	512K	.984360/SEC(OR)	10.64	
23.44.40 JOB 5256 *	DISK/VID EXCPS	4,350	0.3250/1000(OR)	1.41	
23.44.40 JOB 5256 *	TAPE EXCPS	0	0.4875/1000(OR)	0.00	
23.44.40 JOB 5256 *	CARDS READ (INTRDR)	246	0.7150/1000(OR)	0.18	
23.44.40 JOB 5256 *	LINES SPOOLED (LOCAL)	497	0.5200/1000(OR)	0.26	
23.44.40 JOB 5256 *	CARDS SPOOLED (LOCAL)	0	1.3000/1000(OR)	0.00	
23.44.41 JOB 5256 *	TOTAL CHARGES			12.49	

12.49 RESOURCE

23.44.41 JOB 5256 * CHARGES DO NOT REFLECT ACTUAL OUTPUT, MISSING RESOURCES, OR ADJUSTMENTS.

23.44.41 JOB 5256 * COMPUTER RESEARCH COMPANY 06/11/84 08.27

23.44.41 JOB 5256 * ***** S C H E D U L E D D O W N T I M E *****

	HARDWARE:	DATE/TIME	DATE/TIME	REASON:
23.44.42 JOB 5256 *	DOWN	UP		
23.44.42 JOB 5256 *	V0#2	04/01/84 - 00:01	04/01/84 - 12:00	SYSTEM MAINT.

23.44.42 JOB 5256 * SOFTWARE:
 23.44.42 JOB 5256 * SAME AS ABOVE

23.44.43 JOB 5256 * IF YOU HAVE ANY QUESTIONS ON THE ABOVE CONTACT YOUR CUSTOMER
 23.44.43 JOB 5256 * REP. OR THE SERVICE DESK (977-7527)

23.44.43 JOB 5256 *

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23.44.43 JOB 5256 *                                     *
23.44.43 JOB 5256 * *****                                     *
23.44.43 JOB 5256 * *****                                     *
23.44.43 JOB 5256 * ***** ANNOUNCEMENTS *****          *
23.44.43 JOB 5256 * * * * *                                     *
23.44.44 JOB 5256 *                                     *
23.44.44 JOB 5256 *                                     *
23.44.44 JOB 5256 *                                     *
23.44.44 JOB 5256 *                                     *
23.44.44 JOB 5256 * *****                                     *
23.44.44 JOB 5256 *-----*
23.44.44 JOB 5256 *HASP395 A0477CCA ENDED
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THANK YOU...

----- JES2 JOB STATISTICS -----

29 AUG 84 JOB EXECUTION DATE

246 CARDS READ

575 SYSOUT PRINT RECORDS

0 SYSOUT PUNCH RECORDS

3.50 MINUTES EXECUTION TIME

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1 //A0477CCA JOB (0477,001,1),REDA,CLASS=A,MSGCLASS=A JOB 5256
  ***ROUTE PRINT LOCAL
  ***LOGONID A0477CC IACF1770 LOGONID SUCCESSFULLY SCANNED
  ***CODEWORD IACF1770 CODEWORD(S) SUCCESSFULLY SCANNED
2 //PROCLIB DD DSN=SAS.R023.PROCLIB,DISP=SHR
3 // EXEC SAS,REGION=512K
4 XXSAS PROC ENTRY=SAS,OPTIONS=,SORT=4 00010000
  ***** 00020000
  *** PRODUCT: OS SAS RELEASE 82.3 *** 00030000
  *** DOCUMENTATION: SAS USER'S GUIDE: BASICS, 1982 EDITION *** 00040000
  *** SAS USER'S GUIDE: STATISTICS, 1982 EDITION *** 00050000
  *** FROM: SAS INSTITUTE INC., BOX 8000, CARY, NC 27511-8000 *** 00060000
  ***** 00070000
5 XXSAS EXEC PGH=ENTRY,PARM=EOPTIONS SORT=CSORT,REGION=512K 00080000
6 XXLIBRARY DD DISP=(MOD,PASS),DSN=CLIBRARY, 00090000
  XX UNIT=SYSDA,SPACE=(CYL,(1,,20)) 00100000
7 XXSTEPLIB DD DISP=SHR,DSN=SAS.R023.LIBRARY 00110000
8 XX DD DISP=SHR,DSN=SYS1.PLIBASE 00120000
9 XX DD DISP=SHR,DSN=SYS1.PLITASK 00130000
10 XX DD DISP=(OLD,PASS),DSN=*.LIBRARY,VOL=REF=*.LIBRARY 00140000
11 XXSASHELP DD DISP=SHR,DSN=SAS.R023.SASHELP 00150000
12 XXMAPS DD DISP=SHR,DSN=SASGRAPH.R023.MAPS 00160002
13 XXHURK DD UNIT=SYSDA,SPACE=(6160,(500,200),,ROUND) 00170000
14 XXFT11F001 DD SYSOUT=*,DCB=(BLKSIZE=141,LRECL=137,RECFM=VBA) 00180000
15 XXFT12F001 DD SYSOUT=*,DCB=(BLKSIZE=141,LRECL=137,RECFM=VBA) 00190000
16 XXFT13F001 DD SYSOUT=*,DCB=(RECFM=F,BLKSIZE=80) 00200000
17 XXFT14F001 DD DUMMY 00210000
18 XXFT15F001 DD UNIT=SYSDA,SPACE=(400,(100,300)), 00220000
  XX DCB=(RECFM=FB,LRECL=80,BLKSIZE=400,BUFNO=1) 00230000
  ***** 00240000
19 XXSYSOUT DD SYSOUT=*,DCB=BUFNO=1 00250000
20 XXSORTLIB DD DISP=SHR,DSNAME=SYS1.SORTLIB 00260000
21 XXSORTWK01 DD SPACE=(CYL,(CSORT),,CONTIG),UNIT=SYSDA 00270000
22 XXSORTWK02 DD SPACE=(CYL,(CSORT),,CONTIG),UNIT=SYSDA 00280000
23 XXSORTWK03 DD SPACE=(CYL,(CSORT),,CONTIG),UNIT=SYSDA 00290000
24 //INSAS DD DSN=A0477CC.SASMURB,DISP=SHR
25 //SYSIN DD * GENERATED STATEMENT

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14113

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SIMT NO. MESSAGE

5 IEF653I SUBSTITUTION JCL - PGM=SAS,PARM= SORT=4,REGION=512K
 21 IEF653I SUBSTITUTION JCL - SPACE=(CYL,(4),,CONTIG),UNIT=SYSDA
 22 IEF653I SUBSTITUTION JCL - SPACE=(CYL,(4),,CONTIG),UNIT=SYSDA
 23 IEF653I SUBSTITUTION JCL - SPACE=(CYL,(4),,CONTIG),UNIT=SYSDA
 IEF236I ALLOC. FOR A0477CCA SAS
 IEF237I 340 ALLOCATED TO LIBRARY
 IEF237I 241 ALLOCATED TO STEPLIB
 IEF237I 240 ALLOCATED TO
 IEF237I 240 ALLOCATED TO
 IEF237I 340 ALLOCATED TO
 IEF237I 311 ALLOCATED TO SYS00006
 IEF237I 241 ALLOCATED TO SASHELP
 IEF237I 240 ALLOCATED TO MAPS
 IEF237I 400 ALLOCATED TO WORK
 IEF237I JES2 ALLOCATED TO FT11F001
 IEF237I JES2 ALLOCATED TO FT12F001
 IEF237I JES2 ALLOCATED TO FT13F001
 IEF237I DMY ALLOCATED TO FT14F001
 IEF237I 20A ALLOCATED TO FT15F001
 IEF237I JES2 ALLOCATED TO SYSOUT
 IEF237I 240 ALLOCATED TO SORTLIB
 IEF237I 300 ALLOCATED TO SORTWK01
 IEF237I 440 ALLOCATED TO SORTWK02
 IEF237I 203 ALLOCATED TO SORTWK03
 IEF237I 426 ALLOCATED TO INSAS
 IEF237I 433 ALLOCATED TO SYS00008
 IEF237I JES2 ALLOCATED TO SYSIN
 IEF142I A0477CCA SAS - STEP WAS EXECUTED - COND CODE 0000
 IEF205I SYS04242.T234114.RA000.A0477CCA.LIBRARY PASSED
 IEF205I VOL SER NOS= CRCWK7.
 IEF205I SAS.R023.LIBRARY KEPT
 IEF205I VOL SER NOS= CRCSP1.
 IEF205I SYS1.PLIBASE KEPT
 IEF205I VOL SER NOS= CRCSP2.
 IEF205I SYS1.PLIBASE KEPT
 IEF205I VOL SER NOS= CRCSP2.
 IEF205I SYS04242.T234114.RA000.A0477CCA.LIBRARY PASSED
 IEF205I VOL SER NOS= CRCWK7.
 IEF205I SYS04242.VCRCUSP KEPT
 IEF205I VOL SER NOS= CRCUSP.
 IEF205I SAS.R023.SASHELP KEPT
 IEF205I VOL SER NOS= CRCSP1.
 IEF205I SASGRAPH.R023.MAPS KEPT
 IEF205I VOL SER NOS= CRCSP2.
 IEF205I SYS04242.T234114.RA000.A0477CCA.R0000001 DELETED
 IEF205I VOL SER NOS= CRCWK1.
 IEF205I JES2.J0805256.S00102 SYSOUT
 IEF205I JES2.J0805256.S00103 SYSOUT
 IEF205I JES2.J0805256.S00104 SYSOUT
 IEF205I SYS04242.T234114.RA000.A0477CCA.R0000002 DELETED
 IEF205I VOL SER NOS= CRCWK0.
 IEF205I JES2.J0805256.S00105 SYSOUT
 IEF205I SYS1.SORTLIB KEPT
 IEF205I VOL SER NOS= CRCSP2.
 IEF205I SYS04242.T234114.RA000.A0477CCA.R0000003 DELETED
 IEF205I VOL SER NOS= CRCWK5.
 IEF205I SYS04242.T234114.RA000.A0477CCA.R0000004 DELETED
 IEF205I VOL SER NOS= CRCWK3.
 IEF205I SYS04242.T234114.RA000.A0477CCA.R0000005 DELETED

IEF2851 VOL SER NOS= CRCCHK4.
IEF2851 A0477CC.SASHORB KEPT
IEF2851 VOL SER NOS= CRCUSC.
IEF2851 SYSCILG.VCRCUSD KEPT
IEF2851 VOL SER NOS= CRCUSD.
IEF2851 JES2.JDB05256.S10101 SYSIN
IEF3731 STEP /SAS / START 84242.2341
IEF3741 STEP /SAS / STOP 84242.2344 CPU OMIN 10.81SEC SRB OMIN 01.07SEC VIRT 512K SYS 220K

KOMAND DATA ACQUISITION SYSTEM

* STEP NAME SAS START TIME 23.41.14.91 VIRT SYS USED 220K PAGE INS PAGE OUTS 0 STEP CPU 00.00.10.81
* PGM NAME SAS STOP TIME 23.44.38.57 VIRT CORE USED 512K PAGE OUTS 20 JOB CPU 00.00.10.81
* DISPATCH PRY 118 ELAP. TIME 00.03.23.66 SHAPS/PAGES 0/ 0 SRB TIME 00.00.01.07 CONDITION CODE 0000
* PERK. GROUP 1 SERV UNITS 78,079 TRANS ACT TIME 00.03.14.51

EXCP STATISTICS

UNIT	EXCP COUNT	UNIT	EXCP COUNT	UNIT	EXCP COUNT	UNIT	EXCP COUNT	UNIT	EXCP COUNT
340	226	241	0	240	0	240	0	340	0
241	0	240	0	400	3,534	20A	0	240	0
440	0	203	0	426	520	433	0	300	0
EXCP TOTAL	4,350	VIO PAGE INS	0	VIO PAGE OUTS	0	PAGES SWAPPED IN	0		

IEF2371 340 ALLOCATED TO SYS00001
IEF2851 SYS84242.I234114.RA000.A0477CCA.R0000001 KEPT
IEF2851 VOL SER NOS= CRCCHK7.
IEF2851 SYS84242.I234114.RA000.A0477CCA.LIBRARY DELETED
IEF2851 VOL SER NOS= CRCCHK7.
IEF2851 SYS84242.I234114.RA000.A0477CCA.LIBRARY KEPT
IEF2851 VOL SER NOS= CRCCHK7.
IEF3751 JOB /A0477CCA/ START 84242.2341
IEF3761 JOB /A0477CCA/ STOP 84242.2344 CPU OMIN 10.81SEC SRB OMIN 01.07SEC

KOMAND DATA ACQUISITION SYSTEM

* JOB LOG NUMBER - A0477CCA.84242.23.41.22.83 CPU TIME 00.00.10.81 SRB TIME 00.00.01.07
* PROGRAMMER REDA INIT DATE 08/29/84 84.242 INITIATION TIME 23.41.14.91
* ACCIG DATA 0477.001.1 TERM DATE 08/29/84 84.242 TERMINATION TIME 23.44.39.36
* OS-VS2 REL 01.8 PGN/SERVICE 1/ 78.079 ELAPSED TIME 00.03.24.45
* SYSTEN ID V842 CLASS A COMPLETION STATUS COCOO

NOTE: THE JOB A0477CCA HAS BEEN RUN UNDER RELEASE 82.3 OF SAS AT COMPUTER RESEARCH COMPANY (01695001).

NOTE: SAS OPTIONS SPECIFIED ARE:
SORT=4

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1  OPTIONS LINESIZE=80;
2  PROC FORMAT;
3  VALUE _STA 1=ACT 2=RET 3=TERM .=MISS;
4  VALUE _SEX 1=M 2=F .=MISS;
5  VALUE _RACE 1=WHITE 2=BLACK 3=HISP 4=AM.IND .=MISS;
6  VALUE _MAR 1=SING 2=MARR 3=DIV 4=SEP 5=MID .=MISS;
7  VALUE _EDU 1=8-ELEM 9-12=SEC 13-18=COLL 1-6YRS
8  19=COLL 7 AND UP YRS .=MISS;
9  VALUE _AGE 1=<30 2=30-39 3=40-49 4=50-59
10  5=60-69 6=>70 .=MISS;
11  VALUE _AGEGRP 1=0-34 2=35-49 3=50-64 4=65 + .=MISS;
12  VALUE _EDUC 1=0-6TH 2=7-12 3=>12 .=MISS;
13  VALUE _YESNO 1=YES 2=NO .=MISS;
14  VALUE _NOYES 0=NO 1=YES .=MISS;
15  VALUE _BAR 1=OFTEN 2=UCCAS 3=SELDOM .=MISS;
16  VALUE _PAC 1=<1 PACK 2=1-2 PACKS 3=2-3 PACKS
17  4=>3 PACKS .=MISS;
18  VALUE _OFN 1=ALMOST EVERY DAY 2=3-4 A WEEK 3=ONCE/TWICE
19  4=< ONCE A MONTH .=MISS;
20  VALUE _CAN 1=0 2=1-2 3=3-4 4=5-6 5=>6 .=MISS;
21  VALUE _PAST 1=1-2 2=3-4 3=5-6 4=>6 .=MISS;
22  VALUE _MOT 1=PUOR 2=FAIR 3=GOOD 4=EXC .=MISS;
23  VALUE _REC 1=ACCEPT 2=NOT.ACCEPT .=MISS;
24  VALUE _EXPU 'E' =EXP 'I' =INT EXP 'N' =NOT.EXP .=MISS;
25  VALUE _CLOR 'C' =HAD.CHLOR 'N' =NO.RECORD.OF .=MISS;
26  VALUE _NWSMK 0=NOT.CURNT.SMOK 1=CUR.&.PAST.SMOKR .=MISS;
27  VALUE _PASTSMK 0=NOT.PAST.SMOK 1=PAST.SMOK .=MISS;
28  VALUE _HOWRKNK 0=NOT.CUR.DRNK 1=CUR.&.PAST.DRNK .=MISS;
29  VALUE _EVRDRNK 0=NEVER.A.DRNK 1=A.PAST.DRNK .=MISS;
30  VALUE _CANCER 1=LYMPHOMA 2=HODGKIN.DIS 3=LEUKEMIA 4=THROAT
31  5=ESOPH 6=STOMACH 7=RECTUM 8=BOWEL 9=KIDNEY
32  10=BRAIN 11=BREAST 12=CERVIX 13=UTERUS 14=LUNG
33  15=SKIN 16=PROSTATE 17=BONE 18=OTHER .=MISS;
34  VALUE _ADDPAIN 1=DIFFUSE 2=EPIGAST 3=PERICUMB 4=OTHER .=MISS;
35  VALUE _CLTH 1=HOME 2=COMM LAUNDRY 3=COMPANY .=MISS
36  4=HOME.COMM 5=HOME.COMP 6=COMM.COMPANY;
37  VALUE _HEAD 1=DAILY 2=WEEKLY 3=<WEEKLY .=MISS;
38  VALUE _ABDCRN 1=2-4 INCIDENTS 2=>4 INCIDENTS .=MISS;
39  VALUE _EXPCLR 1=EXP.CLOR 2=EXP.NO.CLOR 3=NOT.EXP .=MISS;
40  VALUE _SVR 1=MILD 2=MOD 3=SEVERE 99=UNKNOWN;
41  VALUE _EXP 0=NOT EXPOSED 1=EXPOSED 2=QUEST. EXPOSED;
42  VALUE _CHLORENT 1=HISTORY ONLY 2=CURRENT 3=NO HISTORY;
43  VALUE _AGEFHT 1=< 50 2=> 50;
44  VALUE _SCHOOL 1=ELEMENTARY 2=SECONDARY 3=COLLEGE;
45  VALUE _SMKHST 1=CURRENT 2=FORMER 3=NEVER;
46  VALUE _BPAB 1=NORMAL 2=ABNORMAL;
47  VALUE _DBPAB 1=NORMAL 2=BORDERLINE 3=ABNORMAL;
48  VALUE _YESNO 1=YES 2=NO;
49

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NOTE: THE PROCEDURE FORMAT USED 1.14 SECONDS AND 248K.

49 DATA MAST;

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50 ARRAY SYMPT (1) $ 8 M1-M19;
51 SET INSAS,ALL;
52 IF V21<50 THEN AGE=1; ELSE AGE=2;
53 HISTCHL=0;
54 M46610=0;
55 M46611=0;
56 M46613=0;
57 M46615=0;
58 CURNT=0;
59 DO OVER SYMPT;
60 IF SYMPT='M46610' THEN M46610=1;
61 IF SYMPT='M46611' THEN M46611=1;
62 IF SYMPT='M46613' THEN M46613=1;
63 IF SYMPT='M46615' THEN M46615=1;
64 IF SYMPT='S00060' THEN HISTCHL=1;
65 END;
66 IF M46610=1 OR M46611=1 OR M46613=1 OR M46615=1 THEN CURNT=1;
67 CHLOR=3;
68 IF CURNT=1 THEN CHLOR=2; ELSE IF HISTCHL=1 THEN CHLOR=1;
69 IF V131='C' THEN MONSCLOR='1'; ELSE MONSCLOR='0';
70 IF V249='E' THEN MONSEXP=1;
71 IF V249='N' THEN MONSEXP=2;
72 IF V249='I' THEN MONSEXP=3;
73 IF EXPOSE NE 2;
74 IF V241 NE . THEN
75 V241=1*(1 LE V241 LE 08)+2*(9 LE V241 LE 12)+3*(V241 GE 13);
76 IF V496 EQ 1 THEN CURPKS=V792*(V514-0.5);
77 IF V522 EQ 1 THEN FRMPCKS=V793*(V515-0.5);
78 IF V496 EQ 1 THEN SMKHI1=1;
79 IF V496 EQ 0 AND V522 EQ 1 THEN SMKHI2=2;
80 IF V496 EQ 0 AND V522 EQ 0 THEN SMKHI3=3;
81 IF V494 EQ 1 THEN DRINK=1;
82 IF V494 EQ 0 AND V247 EQ 1 THEN DRINK=2;
83 IF V494 EQ 0 AND V247 EQ 0 THEN DRINK=3;
84 CHLOHIST=2;
85 ACNEHIST=2;
86 SKCAHIST=2;
87 HBPHIST=2;
88 ANGHIST=2;
89 CADHIST=2;
90 ULCHIST=2;
91 CANCHIST=2;
92 NERVES=2;
93 LI100=2;
94 IMPOT=2;
95 IF V599=1 THEN LI100=1;
96 IF V597=1 THEN IMPOT=1;
97 CHLACNE=2;
98 ACNE=2;
99 ELAST=2;
100 BASAL=2;
101 PEYRONIE=2;
102 HIRSUTE=2;
103 DO OVER SYMPT;
104 IF SYMPT='S00060' OR SYMPT='M46610' OR SYMPT='M46611' OR
105 SYMPT='M46613' OR SYMPT='M46615' THEN CHLOHIST=1;
106 IF SYMPT='S00010' THEN ACNEHIST=1;

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14113

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107 IF SYMPT='S00245' THEN SKCAHIST=1;
108 IF SYMPT='S00170' THEN HUPHIST=1;
109 IF SYMPT='S00023' THEN ANGHIST=1;
110 IF SYMPT='S00101' THEN CADHIST=1;
111 IF SYMPT='S00250' OR SYMPT='S00200' OR SYMPT='S00120' THEN ULCHIST=1;
112 IF SYMPT='S00030' OR SYMPT='S00280' OR SYMPT='S00059' THEN CANCHIST=1;
;
113 IF SYMPT='F90130' OR SYMPT='F90820' OR SYMPT='F90840' THEN NERVES=1;
114 IF SYMPT='F97610' THEN LIBIDO=1;
115 IF SYMPT='F98440' THEN IMPOT=1;
116 IF SYMPT='M46610' OR SYMPT='M46611' OR SYMPT='M46613' OR
117 SYMPT='M46615' THEN CHLACNE=1;
118 IF SYMPT='M46540' OR SYMPT='M46543' THEN ACNE=1;
119 IF SYMPT='M50010' OR SYMPT='M56870' THEN ELAST=1;
120 IF SYMPT='M80903' THEN BASAL=1;
121 IF SYMPT='S00210' THEN PEYRONIE=1;
122 IF SYMPT='M56440' THEN HIRSUTE=1;
123 END;
124 IF NEWID EQ 90 THEN DO;
125 ACNEHIST=.;SKCAHIST=.;HUPHIST=.;ANGHIST=.;CADHIST=.;ULCHIST=.;
126 CANCHIST=.;NERVES=.;LIBIDO=.;IMPOT=.;CHLACNE=.;ACNE=.;ELAST=.;
127 BASAL=.;PEYRONIE=.;HIRSUTE=.;
128 END;
129 IF V21 LT 60 THEN DO;
130 IF V87 NE . AND V88 NE . THEN DO;
131 IF V87 LT 90 AND V88 LT 140 THEN BP=1;
132 IF V87 GE 90 OR V88 GE 140 THEN BP=2;
133 END;
134 IF V87 NE . THEN DBP=1*(V87 LT 80)+2*(80 LE V87 LE 89)+3*(V87 GE 90);
135 END;
136 IF V21 GE 60 THEN DO;
137 IF V87 NE . AND V88 NE . THEN DO;
138 IF V87 LT 95 AND V88 LT 160 THEN BP=1;
139 IF V87 GE 95 OR V88 GE 160 THEN BP=2;
140 END;
141 IF V87 NE . THEN DBP=1*(V87 LT 80)+2*(80 LE V87 LE 94)+3*(V87 GE 95);
142 END;
143 IF V125 NE . THEN DO;
144 CHOLAB=1;
145 IF (25 LE V21 LE 29) AND (V125 GT 223) THEN CHOLAB=2;
146 IF (30 LE V21 LE 34) AND (V125 GT 237) THEN CHOLAB=2;
147 IF (35 LE V21 LE 39) AND (V125 GT 248) THEN CHOLAB=2;
148 IF (40 LE V21 LE 44) AND (V125 GT 251) THEN CHOLAB=2;
149 IF (45 LE V21 LE 49) AND (V125 GT 258) THEN CHOLAB=2;
150 IF (50 LE V21 LE 54) AND (V125 GT 263) THEN CHOLAB=2;
151 IF (55 LE V21 LE 59) AND (V125 GT 260) THEN CHOLAB=2;
152 IF (60 LE V21 LE 64) AND (V125 GT 262) THEN CHOLAB=2;
153 IF (65 LE V21 LE 69) AND (V125 GT 275) THEN CHOLAB=2;
154 IF (V21 GE 70) AND (V125 GT 253) THEN CHOLAB=2;
155 END;
156 IF V689 NE . THEN DO;
157 TRIGLAB=1;
158 IF (25 LE V21 LE 29) AND (V689 GT 171) THEN TRIGLAB=2;
159 IF (30 LE V21 LE 34) AND (V689 GT 214) THEN TRIGLAB=2;
160 IF (35 LE V21 LE 39) AND (V689 GT 250) THEN TRIGLAB=2;
161 IF (40 LE V21 LE 44) AND (V689 GT 252) THEN TRIGLAB=2;
162 IF (45 LE V21 LE 49) AND (V689 GT 218) THEN TRIGLAB=2;

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163 IF (50 LE V21 LE 54) AND (V689 GT 244) THEN TRIGLAB=2;
164 IF (55 LE V21 LE 59) AND (V689 GT 210) THEN TRIGLAB=2;
165 IF (60 LE V21 LE 64) AND (V689 GT 193) THEN TRIGLAB=2;
166 IF (65 LE V21 LE 69) AND (V689 GT 227) THEN TRIGLAB=2;
167 IF (V21 GE 70) AND (V689 GT 202) THEN TRIGLAB=2;
168 ENJ;
169 IF V356 NE . THEN DO;
170 LDLAU=1;
171 IF (25 LE V21 LE 29) AND (V356 GT 157) THEN LDLAU=2;
172 IF (30 LE V21 LE 34) AND (V356 GT 166) THEN LDLAU=2;
173 IF (35 LE V21 LE 39) AND (V356 GT 176) THEN LDLAU=2;
174 IF (40 LE V21 LE 44) AND (V356 GT 173) THEN LDLAU=2;
175 IF (45 LE V21 LE 49) AND (V356 GT 186) THEN LDLAU=2;
176 IF (50 LE V21 LE 54) AND (V356 GT 185) THEN LDLAU=2;
177 IF (55 LE V21 LE 59) AND (V356 GT 191) THEN LDLAU=2;
178 IF (60 LE V21 LE 64) AND (V356 GT 188) THEN LDLAU=2;
179 IF (65 LE V21 LE 69) AND (V356 GT 199) THEN LDLAU=2;
180 IF (V21 GE 70) AND (V356 GT 182) THEN LDLAU=2;
181 END;
182 IF V310 NE . THEN DO;
183 HDLAB=1;
184 IF (25 LE V21 LE 29) AND (V310 LT 32) THEN HDLAB=2;
185 IF (30 LE V21 LE 34) AND (V310 LT 32) THEN HDLAB=2;
186 IF (35 LE V21 LE 39) AND (V310 LT 31) THEN HDLAB=2;
187 IF (40 LE V21 LE 44) AND (V310 LT 31) THEN HDLAB=2;
188 IF (45 LE V21 LE 49) AND (V310 LT 33) THEN HDLAB=2;
189 IF (50 LE V21 LE 54) AND (V310 LT 31) THEN HDLAB=2;
190 IF (55 LE V21 LE 59) AND (V310 LT 31) THEN HDLAB=2;
191 IF (60 LE V21 LE 64) AND (V310 LT 34) THEN HDLAB=2;
192 IF (65 LE V21 LE 69) AND (V310 LT 33) THEN HDLAB=2;
193 IF (V21 GE 70) AND (V310 LT 33) THEN HDLAB=2;
194 END;
195 HTWT=V321/V746;
196 IF V275 NE . THEN DO;
197 FEVLAB=1;
198 IF V275 LT 80 THEN FEVLAB=2;
199 END;
200 IF V296 NE . THEN DO;
201 FVCAB=1;
202 IF V296 LT 80 THEN FVCAB=2;
203 ENJ;
204 IF V273 NE . THEN DO;
205 FEVFVCAB=1;
206 IF V273 LT 70 THEN FEVFVCAB=2;
207 END;
208 IF V399 NE . THEN DO;
209 HEFAB=1;
210 IF V399 LT 70 THEN HEFAB=2;
211 END;
212 V50=V50*V741/100;
213 V245=V245*V741/100;
214 V383=V383*V741/100;
215 V424=V424*V741/100;
216 V547=V547*V741/100;
217 IF V701 NE . OR V702 NE . OR SKCAHIST=1 OR CANCHIST=1
218 THEN PUT NEWID= EXPOSE= V701= V702= V703=
219 SKCAHIST= CANCHIST= M1 M2 M3 M4 M5 M6 M7 M8 M9

```

27 people 70,59,280
S A S L D C US SAS 82.3 VS2/MVS JOB A0477CCA STEP SAS
23:41 WEDNESDAY, AUGUST 29, 1984

1472

220 M10 M11 M12 M13 M14 M15 M16 M17 M18 M19
221 FORMAT V241 SCHOOL. SMKHSIT DRINK SMKHSIT. CHLOR CHLORFMT. AGE AGEFMT.
222 CHLOHIST ACNEHIST SKCAHIST HBPHIST ANGHIST CADHIST ULCHIST
223 CANCHIST NERVES LIBID0 IMPOT CHLACNE ACNE ELAST BASAL PEYRONIE
224 HIRSUTE YESNO.
225 CHOLAB TRIGLAB LDLAB HDLAB FEVLAB FYCAB FEVFCAB MEFAB
226 UP BPAB. DBP DBPAB.1

prostate
Bladder
Bowel
Skin

1.1.1
16

513 NEWID=8 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
M46611 M80903 M87500 M56870 M48120 F97610 M32600 S00170 S00245 S00060 S00023

SKIN

SKIN

64 NEWID=9 EXPOSE=EXPOSED V701=OTHER V702=MISS V703=MISS SKCAHIST=NO CANCHIST=YES
S00060 M50010 M46611 M46615 M46611 M50010 D05755 D05860 M14840 F97610 S00190
S00030 S00103 S00170 M32600

Bladder

521 NEWID=22 EXPOSE=NOT EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES
CANCHIST=NO S00245 S00108 M48400 D05755 M56870

SKIN

32 NEWID=26 EXPOSE=EXPOSED V701=BOWEL V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
S00060 M46611 M46611 M46611 M50010 M56440 M57170 S00190 S00265 S00070

Bowel

X

bx

527 NEWID=32 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
M50010 S00101 S00250 M50010 M50010 M50010 M72850 M72850 M72850 D05755

SKIN

444 NEWID=36 EXPOSE=NOT EXPOSED V701=OTHER V702=MISS V703=MISS SKCAHIST=NO
CANCHIST=YES S00190 S00030 S00040 M50010 M50010 M50010 M72850 M72850 M72850
M48840 M48840

Bladder

X

bx

101 NEWID=52 EXPOSE=EXPOSED V701=OTHER V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
S00060 M50010 S00022 S00140 S00170 S00259 M02510 S00190 S00040 M03000 S00265

Bladder

X

skin

X

skin

35 NEWID=53 EXPOSE=EXPOSED V701=LEUKEMIA V702=PROSTATE V703=MISS SKCAHIST=NO
CANCHIST=YES S00060 F97610 F98440 M72750 M72750 M72750 S00059 M36504 M51100
S00170 S00190

LEUKEMIA

PROSTATE

X

X

bx

86 NEWID=82 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
M46611 M46611 M46615 M46615 M50010 M50010 D05755 S00245 F76334 F98440 S00265
S00190 M36504 S00060 S00200

SKIN

skin

55 NEWID=87 EXPOSE=NOT EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES
CANCHIST=NO S00108 S00245 M50010 M48820 M72750 M72850 M01400 M51100 F74640
F71202

SKIN

skin

bx

106 NEWID=89 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
M50010 M88500 M88500 S00170 F76000 F71202 F71202 M36504 S00102 S00060

SKIN

454 NEWID=118 EXPOSE=EXPOSED V701=LUNG V702=BOWEL V703=MISS SKCAHIST=NO CANCHIST=NO
S00060 M46611 M46611 M46611 M50010 M50010 M01400 S00140 S00102 S00265 S00265
S00170 F90130 S00190 S00023

LUNG

BOWEL

?

58 NEWID=128 EXPOSE=NOT EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES
CANCHIST=NO M72850 M56440 M50010 S00050 S00245

SKIN

X

34 NEWID=133 EXPOSE=EXPOSED V701=MISS V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
S00010 S00245 M32600 S00170 S00200 S00265 F90820 S00060 S00190

X

bx skin

58 NEWID=135 EXPOSE=EXPOSED V701=BOWEL V702=MISS V703=MISS SKCAHIST=NO CANCHIST=YES
S00060 M57030 M01400 F74640 F82610 S00170 S00059 S00149 S00101 S00120

Bowel

X

X

bx

412 NEWID=167 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
M56870 M50010 M76300 S00022 M72750 M72750

SKIN

skin

bx

435 NEWID=171 EXPOSE=EXPOSED V701=OTHER V702=MISS V703=MISS SKCAHIST=NO CANCHIST=YES
M50010 M76300 M46611 M46611 M40400 M72500 M57250 M32600 S00030 S00040
S00190 S00170 F90130 S00060

Bladder

X

X

X

bx

405 NEWID=242 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
M50010 M88500 M88500 S00170 F76000 F71202 F71202 M36504 S00102 S00060

SKIN

bx

6 SAS LOG US SAS 82.3 VS2/MVS JOB A0477CCA STEP SAS
23:41 WEDNESDAY, AUGUST 29, 1984
S00245 S00245 F98440 F97610 F90130 M50010 M50010 D05755 D05860 M48060 S00060

431 NEWID=247 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
S00060 S00245 F90820 M50010 F4390 M72850 M72850 S00190 F90820 F71202 D05860
M80903 S00120

100 NEWID=300 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
S00101 S00180 S00190 S00010 S00060 F74640 F90130 M56000 D05755 S00170 S00023

701 NEWID=316 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
M50010 D05755 D05860 M87200 M80903 S00108 S00245 S00180 S00171

705 NEWID=324 EXPOSE=EXPOSED V701=MISS V702=MISS V703=MISS SKCAHIST=YES CANCHIST=NO
S00060 S00245 M56870 M50010 M50010 M58000 M72850 M14840 F97610 S00109 F88260
M46610 S00250

706 NEWID=325 EXPOSE=NOT EXPOSED V701=MISS V702=MISS V703=MISS SKCAHIST=NO
CANCHIST=YES M50010 M56870 S00280 M80903 S00101 M02510 F90130

743 NEWID=375 EXPOSE=EXPOSED V701=BOWEL V702=MISS V703=MISS SKCAHIST=YES
CANCHIST=YES S00060 S00245 M72850 M50010 M50010 S00100 S00059 F97610 M02510
S00222 M32600 F90130

365 NEWID=407 EXPOSE=NOT EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO
CANCHIST=NO S00265 M50010 M50010 M50010 M50010 M33070 S00260 S00170 M80903
S00190

993 NEWID=422 EXPOSE=NOT EXPOSED V701=MISS V702=MISS V703=MISS SKCAHIST=YES
CANCHIST=NO M50010 M50010 M33070 M33070 M80903 S00245 M72600 D05755 M11350
M72830 S00190 S00265 F84660 F82200 S00011 S00119 M11550 M11550 M11550

79 NEWID=436 EXPOSE=EXPOSED V701=SKIN V702=MISS V703=MISS SKCAHIST=NO CANCHIST=NO
S00060 M50010 M50010 M50010 M72750 M72750 F75970 F76000 S00170 M32600 M36510
S00023

NOTE: MISSING VALUES WERE GENERATED AS A RESULT OF PERFORMING
AN OPERATION ON MISSING VALUES.
EACH PLACE IS GIVEN BY: (NUMBER OF TIMES) AT (LINE):(COLUMN).

5 AT 76:27 118 AT 77:27 2 AT 195:6 10 AT 212:5 10 AT 213:6
10 AT 214:6 11 AT 215:6 10 AT 216:6

NOTE: DATA SET WORK.MAST HAS 367 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: THE DATA STATEMENT USED 4.04 SECONDS AND 340K.

227 DATA AGE1 AGE2 EXPO NOEXPO;
228 SET MAST;
229 IF AGE=1 THEN OUTPUT AGE1;
230 IF AGE=2 THEN OUTPUT AGE2;
231 IF EXPOSE=0 THEN OUTPUT NOEXPO;
232 IF EXPOSE=1 THEN OUTPUT EXPO;

NOTE: DATA SET WORK.AGE1 HAS 151 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: DATA SET WORK.AGE2 HAS 216 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: DATA SET WORK.EXPO HAS 204 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: DATA SET WORK.NOEXPO HAS 163 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: THE DATA STATEMENT USED 2.91 SECONDS AND 344K.

233 DATA HISTCHLO CURRCHLO NOCHLO;
234 SET MAST;
235 IF EXPOSE EQ 1;
236 IF CHLOR=1 THEN OUTPUT HISTCHLO;
237 IF CHLOR=2 THEN OUTPUT CURRCHLO;
238 IF CHLOR=3 THEN OUTPUT NOCHLO;

NOTE: DATA SET WORK.HISTCHLD HAS 69 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: DATA SET WORK.CURRCHLD HAS 107 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: DATA SET WORK.NOCHLD HAS 28 OBSERVATIONS AND 886 VARIABLES. 2 OBS/TRK.
NOTE: THE DATA STATEMENT USED 2.01 SECONDS AND 340K.
NOTE: SAS USED 344K MEMORY.

NOTE: SAS INSTITUTE INC.
SAS CIRCLE
PO BOX 8000
CARY, N.C. 27511-8000

[illegible]