

**B2F02 - NOTES AND COMPUTED VARIABLES**

**(Blood Pressure)**

B02AVGSY AND B02AVGDI are the appropriate blood pressure variables to use in analyses. These were calculated by the data entry system and represent the average of the second and third blood pressure readings. Comparable variables in the Exam 1 data set are A02SBP and A02DBP.

```

*****
*      THIS CODE CREATES THE SAS DATA SET B2F02      *
*      VERSION 2.2 OF THE CARDIA SAS FILES           *
*      JUNE 1989                                     *
*****;

```

```
LIBNAME HISTORY 'D:\UMASAS';
```

```
DATA TEMP;
```

```
  INFILE 'E:\V22\FORM02.SEQ' LRECL=164;
```

```
  LENGTH
```

```

B02SMOKE 3          B02EXDAT  B02DTSMK  B02TMSMK  B02TIME  8          B02ARMCI
B02TEMP  B02PULSE  B02CUFF   B02POP    B02PIL   B02MAXZE  B02PILRZ  B02R1S
B02R1D   B02RZ1S  B02RZ1D  B02SBP1   B02DBP1  B02R2S    B02R2D    B02RZ2S
B02RZ2D  B02SBP2   B02DBP2  B02R3S    B02R3D   B02RZ3S   B02RZ3D   B02SBP3
B02DBP3  B02SUMSY  B02SUMDI  B02AVGSY  B02AVGDI  B02SBPS1  B02DBPS1  B02SBPS2
B02DBPS2 B02RANZR  B02MACID  B02IVID   3;

```

```
MISSING M;
```

```
INPUT CENTER 1 ID 1-12
      YR 13-14 MO 15-16 DAY 17-18 @;
```

```

      B02EXDAT = MDY ( MO, DAY, YR );
      DROP MO DAY YR;

```

```
INPUT B02SMOKE 44
      YR1 45-46 MO1 47-48 DAY1 49-50
      HH1 51-52 MM1 53-54 AM_PM_1 55
      HH2 56-57 MM2 58-59 AM_PM_2 60 @;
```

```

      B02DTSMK = MDY ( MO1, DAY1, YR1 );
      IF AM_PM_1 EQ 2 THEN HH1 = HH1+12;

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```

      B02TMSMK = HMS(HH1, MM1, 0);
      IF AM_PM_2 EQ 2 THEN HH2 = HH2+12;

```

```

      B02TIME=HMS(HH2, MM2, 0);
      DROP MO1 DAY1 YR1 HH1 MM1 HH2 MM2;

```

```

INPUT B02ARMCI 61-62
      B02TEMP 63-64
      B02PULSE 65-66
      B02CUFF 67
      B02POP 68-70
      B02PIL 71-73
      B02MAXZE 74-75
      B02PILRZ 76-78
      B02R1S 79-81
      B02R1D 82-84
      B02RZ1S 85-86
      B02RZ1D 87-88
      B02SBP1 89-91
      B02DBP1 92-94
      B02R2S 95-97
      B02R2D 98-100
      B02RZ2S 101-102
      B02RZ2D 103-104
      B02SBP2 105-107

```

B02DBP2 108-110  
B02R3S 111-113  
B02R3D 114-116  
B02RZ3S 117-118  
B02RZ3D 119-120  
B02SBP3 121-123  
B02DBP3 124-126  
B02SUMSY 127-129  
B02SUMDI 130-132  
B02AVGSY 133-135  
B02AVGDI 136-138  
B02SBPS1 139-141  
B02DBPS1 142-144  
B02SBPS2 145-147  
B02DBPS2 148-150  
B02RANZR 151-153  
B02MACID 154-156  
B02IVID 157-159;

LABEL

B02SMOKE ='SMOKES, DOESN'T REMEMBER, DOESN'T SMOKE'  
B02DTSMK ='DATE SUBJECT LAST SMOKED'  
B02TMSMK ='TIME SUBJECT LAST SMOKED'  
B02TIME ='TIME OF DAY'  
B02ARMC I ='ARM CIRCUMFERENCE IN CM'  
B02TEMP ='ROOM TEMPERATURE IN DEGREES CENTIGRADE'  
B02PULSE ='PULSE BEATS IN 30 SECONDS'  
B02CUFF ='PEDIATRIC, REGULAR, LARGE, AND OTHER'  
B02POP ='PULSE OBLITERATION PRESSURE'  
B02PIL ='PEAK INFLATION LEVEL, (STD) (POP + 30)'  
B02MAXZE ='MAXIMUM ZERO'  
B02PILRZ ='PEAK INFLATION LEVEL, (RZ)'  
B02R1S ='FIRST READING SBP'  
B02R1D ='FIRST READING DBP 5TH PHASE'  
B02RZ1S ='RZ1 SBP'  
B02RZ1D ='RZ1 DBP'  
B02SBP1 ='FIRST CORRECTED SBP (R1\_S - RZ1\_S)'  
B02DBP1 ='FIRST CORRECTED DBP (R1\_D - RZ1\_D)'  
B02R2S ='SECOND READING SBP'  
B02R2D ='SECOND READING DBP'  
B02RZ2S ='RZ2 SBP'  
B02RZ2D ='RZ2 DBP'  
B02SBP2 ='SECOND CORRECTED SBP (R2\_S - RZ2\_S)'  
B02DBP2 ='SECOND CORRECTED DBP (R2\_D - RZ2\_D)'  
B02R3S ='THIRD READING SBP'  
B02R3D ='THIRD READING DBP'  
B02RZ3S ='RZ3 SBP'  
B02RZ3D ='RZ3 DBP'  
B02SBP3 ='THIRD CORRECTED SBP (R3\_S - RZ3\_S)'  
B02DBP3 ='THIRD CORRECTED DBP (R3\_D - RZ3\_D)'  
B02SUMSY ='SECOND & THIRD SYS (R2\_RZ2\_S + R3\_RZ3\_D)'  
B02SUMDI ='SECOND & THIRD DIAS (R2\_RZ2\_D + R3\_RZ3\_D)'  
B02AVGSY ='AVERAGE SBP (SUM\_S/2)'  
B02AVGDI ='AVERAGE DBP (SUM\_D/2)'  
B02SBPS1 ='STANDING BP: 1ST READING, SYSTOLIC'  
B02DBPS1 ='STANDING BP: 1ST READING, DIASTOLIC'  
B02SBPS2 ='STANDING BP: 2ND READING, SYSTOLIC'  
B02DBPS2 ='STANDING BP: 2ND READING, DIASTOLIC'  
B02RANZR ='RANDOM ZERO MACHINE NUMBER'  
B02MACID ='FORM02: MACHINE ID NUMBER'

```
B02IVID    ='INTERVIEWER''S ID NUMBER';  
RUN;
```

```
PROC SORT;  
  BY ID;  
RUN;
```

```
DATA HISTORY.B2F02;  
  MERGE TEMP HISTORY.ID (IN=IN_ID);  
  BY ID;  
  IF IN_ID;  
RUN;
```

```
PROC CONTENTS;  
TITLE1 'CONTENTS OF EXAM 2 V.2 FILE FOR FORM 02';  
RUN;
```

CONTENTS OF EXAM 2 V.2 FILE FOR FORM 02

CONTENTS PROCEDURE

Data Set Name: HISTORY.B2F02  
 Observations: 4624  
 Variables: 46  
 Label:

Type:  
 Record Len: 182

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Label
45	AM_PM_1	Num	8	166	
46	AM_PM_2	Num	8	174	
6	B02ARMCI	Num	3	39	ARM CIRCUMFERENCE IN CM
35	B02AVGDI	Num	3	126	AVERAGE DBP (SUM_D/2)
34	B02AVGSY	Num	3	123	AVERAGE SBP (SUM_S/2)
9	B02CUFF	Num	3	48	PEDIATRIC, REGULAR, LARGE, AND OTHER
19	B02DBP1	Num	3	78	FIRST CORRECTED DBP (R1_D - RZ1_D)
25	B02DBP2	Num	3	96	SECOND CORRECTED DBP (R2_D - RZ2_D)
31	B02DBP3	Num	3	114	THIRD CORRECTED DBP (R3_D - RZ3_D)
37	B02DBPS1	Num	3	132	STANDING BP: 1ST READING, DIASTOLIC
39	B02DBPS2	Num	3	138	STANDING BP: 2ND READING, DIASTOLIC
3	B02DTSMK	Num	8	15	DATE SUBJECT LAST SMOKED
2	B02EXDAT	Num	8	7	
42	B02IVID	Num	3	147	INTERVIEWER'S ID NUMBER
41	B02MACID	Num	3	144	FORM02: MACHINE ID NUMBER
12	B02MAXZE	Num	3	57	MAXIMUM ZERO
11	B02PIL	Num	3	54	PEAK INFLATION LEVEL, (STD) (POP + 30)
13	B02PILRZ	Num	3	60	PEAK INFLATION LEVEL, (RZ)
10	B02POP	Num	3	51	PULSE OBLITERATION PRESSURE
8	B02PULSE	Num	3	45	PULSE BEATS IN 30 SECONDS
15	B02R1D	Num	3	66	FIRST READING DBP 5TH PHASE
14	B02R1S	Num	3	63	FIRST READING SBP
21	B02R2D	Num	3	84	SECOND READING DBP
20	B02R2S	Num	3	81	SECOND READING SBP
27	B02R3D	Num	3	102	THIRD READING DBP
26	B02R3S	Num	3	99	THIRD READING SBP
40	B02RANZR	Num	3	141	RANDOM ZERO MACHINE NUMBER
17	B02RZ1D	Num	3	72	RZ1 DBP
16	B02RZ1S	Num	3	69	RZ1 SBP
23	B02RZ2D	Num	3	90	RZ2 DBP
22	B02RZ2S	Num	3	87	RZ2 SBP
29	B02RZ3D	Num	3	108	RZ3 DBP
28	B02RZ3S	Num	3	105	RZ3 SBP
18	B02SBP1	Num	3	75	FIRST CORRECTED SBP (R1_S - RZ1_S)
24	B02SBP2	Num	3	93	SECOND CORRECTED SBP (R2_S - RZ2_S)
30	B02SBP3	Num	3	111	THIRD CORRECTED SBP (R3_S - RZ3_S)
36	B02SBPS1	Num	3	129	STANDING BP: 1ST READING, SYSTOLIC
38	B02SBPS2	Num	3	135	STANDING BP: 2ND READING, SYSTOLIC
1	B02SMOKE	Num	3	4	SMOKES, DOESN'T REMEMBER, DOESN'T SMOKE
33	B02SUMDI	Num	3	120	SECOND & THIRD DIAS (R2_RZ2_D + R3_RZ3_D)
32	B02SUMSY	Num	3	117	SECOND & THIRD SYS (R2_RZ2_S + R3_RZ3_S)
7	B02TEMP	Num	3	42	ROOM TEMPERATURE IN DEGREES CENTIGRADE
5	B02TIME	Num	8	31	TIME OF DAY
4	B02TSMK	Num	8	23	TIME SUBJECT LAST SMOKED
43	CENTER	Num	8	150	
44	ID	Num	8	158	SUBJECT ID NUMBER