Documentation, Codebook, and Frequencies

SP Questionnaire Component: Blood Pressure Questionnaire Data

Survey Years:
2003 to 2004

SAS Export File:
BPQ_C.XPT

nhanes

April 2006

NHANES 2003–2004 Data Documentation

Questionnaire Section: Sample Person Questionnaire   Blood Pressure (BPQ_C)

Years of Coverage: 2003–2004   **First Published:** April 2006   **Last Revised:** N/A

Component Description

The Blood Pressure/Cholesterol section (prefix BPQ) provides personal interview data on awareness, treatment, and control of high blood pressure and high cholesterol. Questions are asked about lifestyle changes made to treat and/or prevent these conditions.

Eligible Sample

All participants 16 year of age and older are asked about high blood pressure.

All participants 20 year of age and older are asked about high cholesterol.

Interview Setting and Mode of Administration

A trained household interviewer administrated these questions to the survey participant during the household interview. The information was recorded using a computer-assisted personal interview (CAPI) system.

Analytic Notes

In 2002, the following derived variables were created by combining data collected using questions with slightly different wording:

BPD110A = BPQ110A + BPQ111A

BPD110B = BPQ110B + BPQ111B

BPD110C = BPQ110C + BPQ111C

BPD120 = BPQ120 + BPQ121

BPD130 = BPQ130 + BPQ131

BPD140 = BPQ140 + BPQ141

To clarify this set of questions for respondents, the text was rephrased in 2002 as "we are now going to ask if {you have/SP has} made any major changes on {your/his/her} own..."   In 2001, the questions read "[have you/has s/he} made any major changes on {your/his/her} own…"

In 2003-2004, only the revised wording from 2002 was used. There was no need to combine data into a derived variable. However, in order to stay consistent with the previous data release naming conventions, the derived variable names were maintained as follows:

BPD110A = BPQ111A

BPD110B = BPQ111B

BPD110C = BPQ111C

BPD120 = BPQ121

BPD130 = BPQ131

BPD140 = BPQ141

Please refer to the **Analytic Guidelines** for further details on the use of sample weights and other analytic issues at http://www.cdc.gov/nchs/data/nhanes/nhanes_general_guidelines.pdf

The BPQ data are publicly available at www.cdc.gov/nchs/nhanes.htm.

References

None

Locator Record

Title: Audiometry (BPQ_C)

Contact Number: 1-866-441-NCHS

Years of Content: 2003–2004

First Published: April 2006

Revised: N/A

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Blood Pressure

Record Source: NHANES 2003–2004

Survey Methodology: NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

National Health and Nutrition Examination Survey Codebook for Data Production (2003-2004)

Blood Pressure Section of the SP Questionnaire (BPQ_C)
Person level data -- use Interview Weights for analysis

April 2006

SEQN	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number

English Text: Respondent sequence number.

English Instructions:

BPQ010	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Last blood pressure reading by doctor

English Text: About how long has it been since {you/SP} last had {your/his/her} blood pressure taken by a doctor or other health professional? Was it . . .

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Less than 6 months ago,	4412	
2	6 months to 1 year ago,	868	
3	More than 1 year to 2 years ago,	434	
4	More than 2 years ago, or	411	
5	Never?	75	BPQ055
7	Refused	0	BPQ055
9	Don't know	13	
.	Missing	0	

BPQ020	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Ever told you had high blood pressure

English Text: {Have you/Has SP} ever been told by a doctor or other health professional that {you/s/he} had hypertension, also called high blood pressure?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	1801	
2	No	4319	BPQ055
7	Refused	0	BPQ055
9	Don't know	18	BPQ055
.	Missing	75	

BPQ030	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told had high blood pressure - 2+ times

English Text: {Were you/Was SP} told on 2 or more different visits that {you/s/he} had hypertension, also called high blood pressure?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	1457	
2	No	339	
7	Refused	0	
9	Don't know	5	
.	Missing	4412	

BPQ040A	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Taking prescription for hypertension

English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to . . . take prescribed medicine?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	1452	
2	No	347	
7	Refused	0	
9	Don't know	2	
.	Missing	4412	

BPQ040B	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to control weight for hypertension

English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to control {your/his/her} weight or lose weight?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	867	
2	No	927	
7	Refused	0	
9	Don't know	7	
.	Missing	4412	

BPQ040C	**Target**		
	B(16 Yrs. to 150 Yrs.)		
Hard Edits	**SAS Label**		
	Told to reduce sodium for hypertension		
English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to cut down on salt or sodium in {your/his/her} diet?			
English Instructions:			

Code or Value	Description	Count	Skip to Item
1	Yes	1157	
2	No	637	
7	Refused	0	
9	Don't know	7	
.	Missing	4412	

BPQ040D	**Target**		
	B(16 Yrs. to 150 Yrs.)		
Hard Edits	**SAS Label**		
	Told to exercise more for hypertension		
English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to exercise more?			
English Instructions:			

Code or Value	Description	Count	Skip to Item
1	Yes	1095	
2	No	701	
7	Refused	0	
9	Don't know	5	
.	Missing	4412	

BPQ040E	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to reduce alcohol for hypertension

English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to cut down {your/his/her} alcohol consumption?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	413	
2	No	1382	
7	Refused	0	
9	Don't know	6	
.	Missing	4412	

BPQ040F	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to do other things for hypertension

English Text: Because of {your/SP's} (high blood pressure/hypertension), {have you/has s/he} ever been told to do something else?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	185	
2	No	1613	
7	Refused	0	
9	Don't know	3	
.	Missing	4412	

BPQ042	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 1A. CHECK ITEM BPQ.042: IF 'SOMETHING ELSE' (ITEM F) IS CODED 'YES' (CODE 1), DISPLAY QUESTION BPQ.043. OTHERWISE, DO NOT DISPLAY THIS QUESTION.

BPQ043A	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to stop smoking for hypertension

English Text: What else?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Skip to Item
1	Stop smoking	67	
7	Refused	0	
9	Don't know	0	
.	Missing	6146	

BPQ043B	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to increase potassium for hyprtnsn

English Text: What else?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Skip to Item
2	Increase potassium intake	4	
.	Missing	6209	

BPQ043C	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told of other diet changes for hyprtnsn

English Text: What else?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Skip to Item
3	Other changes in diet	59	
.	Missing	6154	

BPQ043D	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to do other things for hyprtnsn

English Text: What else?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Skip to Item
4	Other	60	
.	Missing	6153	

BPQ045	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 1B. CHECK ITEM BPQ.045: IF 'YES' (CODE 1) IN BPQ.040A, B, C, D, OR E, CONTINUE. OTHERWISE, GO TO BOX 2.

BPQ050A	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now taking prescribed medicine

English Text: HELP AVAILABLE (Are you/Is SP) now taking prescribed medicine

English Instructions: CAPI INSTRUCTION: DISPLAY EACH ACTIVITY CODED "YES" (CODE 1) FROM BPQ.040. DISPLAY FOR EACH ACTIVITY SHOULD READ AS FOLLOWS: RESPONSES: YES = 1, NO = 2, REFUSED = 7, DON'T KNOW = 9.

Code or Value	Description	Count	Skip to Item
1	Yes	1291	
2	No	160	
7	Refused	0	
9	Don't know	1	
.	Missing	4761	

BPQ050B	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now controlling weight

English Text: (Are you/Is SP) now controlling (your/his/her) weight or losing weight?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	678	
2	No	187	
7	Refused	0	
9	Don't know	2	
.	Missing	5346	

BPQ050C	Target		
	B(16 Yrs. to 150 Yrs.)		
Hard Edits	**SAS Label**		
	Now reducing salt/sodium		
English Text: (Are you/Is SP) now cutting down on salt or sodium in (your/his/her) diet?			
English Instructions:			
Code or Value	**Description**	**Count**	**Skip to Item**
1	Yes	1008	
2	No	149	
7	Refused	0	
9	Don't know	0	
.	Missing	5056	

BPQ050D	Target		
	B(16 Yrs. to 150 Yrs.)		
Hard Edits	**SAS Label**		
	Now exercising more		
English Text: (Are you/Is SP) now exercising more?			
English Instructions:			
Code or Value	**Description**	**Count**	**Skip to Item**
1	Yes	649	
2	No	446	
7	Refused	0	
9	Don't know	0	
.	Missing	5118	

BPQ050E	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now reducing alcohol consumption

English Text: (Are you/Is SP) now cutting down on (your/his/her) alcohol consumption?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	324	
2	No	89	
7	Refused	0	
9	Don't know	0	
.	Missing	5800	

BPQ055	Target
	B(16 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 2. CHECK ITEM BPQ.055: IF SP AGE >= 20, CONTINUE. OTHERWISE, GO TO END OF SECTION.

BPQ060	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Ever had blood cholesterol checked

English Text: {Have you/Has SP} ever had {your/his/her} blood cholesterol checked?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	3486	
2	No	1378	BPD110a
7	Refused	0	BPD110a
9	Don't know	176	BPD110a
.	Missing	1173	

	BPQ070	Target
		B(20 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	When blood cholesterol last checked

English Text: About how long has it been since {you/SP} last had {your/his/her} blood cholesterol checked? Has it been...

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Less than 1 year ago,	2357	
2	1 year but less than 2 years ago,	565	
3	2 years but less than 5 years ago, or	348	
4	5 years or more?	192	
7	Refused	0	
9	Don't know	24	
.	Missing	2727	

BPQ080	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Doctor told you - high cholesterol level

English Text: {Have you/Has SP} ever been told by a doctor or other health professional that {your/his/her} blood cholesterol level was high?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	1510	
2	No	1935	BPD110a
7	Refused	0	BPD110a
9	Don't know	41	BPD110a
.	Missing	2727	

BPQ090A	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to eat less fat for cholesterol

English Text: To lower (your/his/her) blood cholesterol, (have/has) (you/SP) ever been told by a doctor or other health professional... to eat fewer high fat or high cholesterol foods?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	1217	
2	No	282	
7	Refused	0	
9	Don't know	11	
.	Missing	4703	

BPQ090B	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to reduce weight for cholesterol

English Text: [To lower (your/his/her) blood cholesterol, (have/has) (you/SP) ever been told by a doctor or other health professional]... to control (your/his/her) weight or lose weight?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	826	
2	No	679	
7	Refused	0	
9	Don't know	5	
.	Missing	4703	

BPQ090C	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to exercise more for cholesterol

English Text: [To lower (your/his/her) blood cholesterol, (have/has) (you/SP) ever been told by a doctor or other health professional]... to increase (your/his/her) physical activity or exercise?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	992	
2	No	512	
7	Refused	0	
9	Don't know	6	
.	Missing	4703	

BPQ090D	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Told to take prescriptn for cholesterol

English Text: [To lower (your/his/her) blood cholesterol, (have/has) (you/SP) ever been told by a doctor or other health professional]... to take prescribed medicine?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	897	
2	No	609	
7	Refused	0	
9	Don't know	4	
.	Missing	4703	

BPQ095	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 3. CHECK ITEM BPQ.095: IF 'YES' (CODE 1) TO BPQ.090A, B, C OR D, CONTINUE WITH BPQ.100. OTHERWISE, GO TO BOX 6.

BPQ100A	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now eating fewer high fat foods

English Text: (Are you/Is SP) now following this advice to eat fewer high fat or high cholesterol foods?

English Instructions: CAPI INSTRUCTIONS: DISPLAY EACH ACTIVITY CODED AS 'YES' (CODE 1) IN BPQ.090 A-D.

Code or Value	Description	Count	Skip to Item
1	Yes	978	
2	No	238	
7	Refused	0	
9	Don't know	1	
.	Missing	4996	

BPQ100B	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now controlling weight

English Text: (Are you/Is SP) now following this advice to control (your/his/her) weight or lose weight?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	636	
2	No	190	
7	Refused	0	
9	Don't know	0	
.	Missing	5387	

BPQ100C	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now increasing exercise

English Text: (Are you/Is SP) now following this advice to increase (your/his/her) physical activity or exercise?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	682	
2	No	310	
7	Refused	0	
9	Don't know	0	
.	Missing	5221	

BPQ100D	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Now taking prescribed medicine

English Text: (Are you/Is SP) now following this advice to take prescribed medicine?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	725	
2	No	172	
7	Refused	0	
9	Don't know	0	
.	Missing	5316	

BPD110A	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Eating fewer high fat foods on own

English Text: {Even though {you have/SP has} never had {your/his/her} blood cholesterol checked} {Even though a doctor or other health professional has never told {you/SP} that {your/his/her} blood cholesterol was high} we are now going to ask you if {you have/SP has} made any major changes on your own to lower {your/his/her} blood cholesterol. Specifically {do you/does s/he} eat fewer high fat or high cholesterol foods in order to lower {your/his/her} blood cholesterol?

English Instructions: CAPI INSTRUCTIONS: DISPLAY "EVEN THOUGH YOU HAVE NEVER HAD YOUR BLOOD CHOLESTEROL CHECKED" ONLY IF BPQ.060 IS 'NO' (CODE 2), DK (CODE 9), OR REF (CODE 7). DISPLAY "EVEN THOUGH A DOCTOR OR OTHER HEALTH PROFESSIONAL HAS NEVER TOLD YOU THAT YOUR BLOOD CHOLESTEROL IS HIGH" ONLY IF BPQ.080 IS 'NO' (CODE 2), DK (CODE 9), OR REF (CODE 7).

Code or Value	Description	Count	Skip to Item
1	Yes	1128	
2	No	2396	
7	Refused	0	
9	Don't know	6	
.	Missing	2683	

BPD110B	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Controlling weight on own

English Text: {Even though {you have/SP has} never had {your/his/her} blood cholesterol checked} {Even though a doctor or other health professional has never told {you/SP} that {your/his/her} blood cholesterol was high} we are now going to ask you if {you have/SP has} made any major changes on your own to lower {your/his/her} blood cholesterol. Specifically {have you/has s/he} controlled {your/his/her} weight or lost weight in order to lower {your/his/her} blood cholesterol?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	639	
2	No	2886	
7	Refused	0	
9	Don't know	5	
.	Missing	2683	

BPD110C	**Target**
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Increasing exercise on own

English Text: {Even though {you have/SP has} never had {your/his/her} blood cholesterol checked} {Even though a doctor or other health professional has never told {you/SP} that {your/his/her} blood cholesterol was high} we are now going to ask you if {you have/SP has} made any major changes on your own to lower {your/his/her} blood cholesterol. Specifically{have you/has s/he} increased {your/his/her} physical activity or exercise in order to lower {your/his/her} blood cholesterol?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	598	
2	No	2928	
7	Refused	0	
9	Don't know	4	
.	Missing	2683	

BPQ115	**Target**
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 6. CHECK ITEM BPQ.115: IF 'NO' (CODE 2) OR DON'T KNOW (CODE 9) IN BPQ.090A, B, OR C, CONTINUE WITH BOX 7. OTHERWISE, GO TO END OF SECTION.

BPQ117	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 7. CHECK ITEM BPQ.117: IF 'NO' (CODE 2) OR DON'T KNOW (CODE 9) IN BPQ.090A, CONTINUE. OTHERWISE, GO TO BOX 8.

BPD120	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Eating fewer high fat foods on own

English Text: Even though a doctor or other health professional has never told {you/SP} to eat fewer high fat or high cholesterol foods, we are now going to ask if {you have/he/she has} made any major changes on {your/his/her} own to lower {your/his/her} cholesterol? Specifically, {do you/does he/she} eat fewer high fat or high cholesterol foods in order to lower {your/his/her} blood cholesterol?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	153	
2	No	140	
7	Refused	0	
9	Don't know	0	
.	Missing	5920	

BPQ125	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 8. CHECK ITEM BPQ.125: IF 'NO' (CODE 2) OR DON'T KNOW (CODE 9) IN BPQ.090B, CONTINUE. OTHERWISE, GO TO BOX 9.

BPD130	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Controlling weight on own

English Text: Even though a doctor or other health professional has never told {you/SP} to control {your/his/her} weight or lose weight, we are now going to ask if {you have/he/she/has} made any major changes on {your/his/her} own to lower {your/his/her} blood cholesterol? Specifically, {have you/has he/she} controlled {your/his/her} weight or lost weight in order to lower {your/his/her} blood cholesterol?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	233	
2	No	450	
7	Refused	0	
9	Don't know	1	
.	Missing	5529	

BPQ135	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 9. CHECK ITEM BPQ.135: IF 'NO' (CODE 2) OR DON'T KNOW (CODE 9) IN BPQ.090C, CONTINUE. OTHERWISE, GO TO END OF SECTION.

BPD140	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Increasing exercise on own

English Text: Even though a doctor or other health professional has never told {you/SP} to increase {your/his/her} physical activity or exercise, we are now going to ask if {you have/he/she has} made any major changes on {your/his/her} own to lower {your/his/her} blood cholesterol? Specifically, {have you/has he/she} increased {your/his/her} physical activity or exercise in order to lower {your/his/her} blood cholesterol?

English Instructions:

Code or Value	Description	Count	Skip to Item
1	Yes	131	
2	No	387	
7	Refused	0	
9	Don't know	0	
.	Missing	5695	