

National Health and Nutrition Examination Survey

August 2021-August 2023 Data Documentation, Codebook, and Frequencies

Blood Pressure & Cholesterol (BPQ_L)

Data File: BPQ_L.xpt

First Published: September 2024

Last Revised: NA

Component Description

The Blood Pressure/Cholesterol section (variable name prefix BPQ) provides personal interview data on awareness, treatment, and control of high blood pressure and high cholesterol.

Eligible Sample

All survey participants aged 16 years and older were eligible.

Interview Setting and Mode of Administration

This questionnaire was asked, in the home or by telephone, by trained interviewers, using the Computer-Assisted Personal Interview (CAPI) system.

The NHANES August 2021-August 2023 questionnaire is available on the [NHANES website](#).

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire. Interviewers were required to audio-record interviews. The recorded interviews were reviewed by interviewer supervisors and NCHS staff.

Data Processing and Editing

Frequency counts were checked, "skip" patterns were verified, and the reasonableness of question responses was reviewed. Edits were made to ensure the completeness, consistency, and analytic usefulness of the data. Edits were also made, when necessary, to address data disclosure concerns.

Analytic Notes

Several questions were dropped in NHANES 2021-2023 and are not included in this data file, including BPQ040A, BPQ050A, BPQ090D, and BPQ100D. The skip pattern for BP medication use changed, so the BPQ050A variable for BP medication use in previous cycles was replaced with BPQ150 in NHANES 2021-2023. The skip pattern for cholesterol medication use changed, so the BPQ100D variable for cholesterol medication use in previous cycles was replaced with BPQ101D.

The analysis of NHANES August 2021–August 2023 BPQ data must be conducted using the appropriate survey design variables, sample weights, and the basic demographic variables. Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam sample weights should be used for the analyses.

Please also refer to the [NHANES Analytic Guidelines](#) and the on-line [NHANES Tutorial](#) for details on the use of sample weights and other analytic issues.

Codebook and Frequencies

SEQN - Respondent sequence number

Variable Name:	SEQN
SAS Label:	Respondent sequence number
English Text:	Respondent sequence number
Target:	Both males and females 16 YEARS - 150 YEARS

BPQ020 - Ever told you had high blood pressure

Variable Name: BPQ020

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?

Target: Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2969	2969	
2	No	5518	8487	BPQ080
7	Refused	1	8488	BPQ080
9	Don't know	10	8498	BPQ080
.	Missing	3	8501	

BPQ030 - Told had high blood pressure - 2+ times

Variable Name:

BPQ030

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?

Target:

Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2468	2468	
2	No	474	2942	
7	Refused	1	2943	
9	Don't know	25	2968	
.	Missing	5533	8501	

BPQ150 - Taking high blood pressure medication

Variable Name: BPQ150

SAS Label: Taking high blood pressure medication

English Text: {Are you/Is SP} now taking any medication prescribed by a doctor for {your/his/her/SP's} high blood pressure?

Target: Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2442	2442	
2	No	523	2965	
7	Refused	0	2965	
9	Don't know	4	2969	
.	Missing	5532	8501	

BPQ080 - Doctor told you - high cholesterol level

Variable Name:

BPQ080

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?

Target:

Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	3096	3096	
2	No	5348	8444	
7	Refused	1	8445	
9	Don't know	53	8498	
.	Missing	3	8501	

BPQ101D - Taking meds to lower blood cholesterol?

Variable Name: BPQ101D

SAS Label: Taking meds to lower blood cholesterol?

English Text: {Are you/Is SP} now taking any medication prescribed by a doctor lower {your/his/her/SP's} blood cholesterol?

Target: Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2126	2126	
2	No	6339	8465	
7	Refused	0	8465	
9	Don't know	33	8498	
.	Missing	3	8501	

