National Health and Nutrition Examination Survey 2005–2006

Documentation, Codebook, and Frequencies

Cardiovascular Disease

Questionnaire

Survey Years:
2005 to 2006

SAS Transport File:
CDQ_D.XPT

nhanes

November 2007

NHANES 2005–2006 Data Documentation
Questionnaire Section: Cardiovascular Disease (CDQ_D)

First Published: November 2007   **Last Revised:** NA

Component Description	The Cardiovascular Disease and Health section (variable name prefix CDQ) provides participant level interview data on evaluating cardiovascular health and includes questions to assess the presence of angina pectoris as defined by the Rose[1] questionnaire.
Eligible Sample	All study participants who are 40 years of age and older are asked to respond to this section.
Interview Setting and Mode of Administration	These questions were asked before the physical examination, in the home, using the Computer-Assisted Personal Interviewing-CAPI (interviewer administered) system.
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.
Data Processing and Editing	Edits were made to ensure the completeness, consistency, and analytic usefulness of the data.
Analytic Notes	The variables in this section are comparable to the variables released for 2001-2002 and 2003-2004. Other than question CDQ010, these questions are not comparable to the CDQ questions for NHANES 1999-2000, which focused on symptoms related to congestive heart failure.

Rose questionnaire criteria:
Grade 1 Angina is defined as CDQ001 = 1 and CDQ002 = 1 (but CDQ003 ≠ 1) and CDQ004 = 1 and CDQ005 = 1 and CDQ006 = 1, plus either (CDQ009D = 4 or CDQ009E = 5) or (CDQ009F = 6 and CDQ009G = 7).

Grade 2 Angina is defined as CDQ001 = 1 and CDQ002 = 1 and CDQ003 = 1 and CDQ004 = 1 and CDQ005 = 1 and CDQ006 = 1, plus either (CDQ009D = 4 or CDQ009E = 5) or (CDQ009F = 6 and CDQ009G = 7).

Changes Since 2003-2004:
The questions CDQ031, CDQ041, CDQ051and CDQ071 in the 2003-2004 questionnaires were not continued in this section for 2005-2006.

References   [1] Rose GA, Blackburn H. Cardiovascular survey methods.

World Health Organization Monograph 1986; 56: 1-188

Locator Record

Title: Cardiovascular Disease (CDQ)
Contact Number: 1-866-441-NCHS
Years of Content: 2005–2006
First Published: November 2007
Revised: N/A
Access Constraints: None
Use Constraints: None
Geographic Coverage: National
Subject: Cardiovascular Disease and Health section provides data on evaluating cardiovascular health and includes questions to assess the presence of angina pectoris as defined by the Rose1 questionnaire
Record Source: NHANES 2005–2006
Survey Methodology: NHANES 2005–2006 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 (2005-2006)

Questionnaire Section:
Cardiovascular Disease (CDQ_D)

November 2007

SEQN	Target
	B(40 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number

English Text: Respondent sequence number.

English Instructions:

CDQ001	Target
	B(40 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	SP ever had pain or discomfort in chest

English Text: {Have you/Has SP} ever had any pain or discomfort in {your/her/his} chest?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	927	927	
2	No	2127	3054	CDQ010
7	Refused	0	3054	CDQ010
9	Don't know	1	3055	CDQ010
.	Missing	1	3056	

CDQ002	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	SP get it walking uphill or in a hurry			
English Text: {Do you/Does she/Does he} get it when {you/she/he} walk uphill or hurry?				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	238	238	
2	No	631	869	CDQ008
3	NEVER WALKS UPHILL OR HURRIES	55	924	
7	Refused	0	924	CDQ008
9	Don't know	3	927	CDQ008
.	Missing	2129	3056	

CDQ003	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	During an ordinary pace on level ground			
English Text: {Do you/Does she/Does he} get it when {you/she/he} walk at an ordinary pace on level ground?				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	102	102	
2	No	189	291	
7	Refused	0	291	
9	Don't know	2	293	
.	Missing	2763	3056	

CDQ003A	Target
	B(40 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 1
CHECK ITEM CDQ.003A:
IF 'YES' (CODE '1') IN CDQ.002 OR CDQ.003, CONTINUE.
OTHERWISE, GO TO CDQ.008.

CDQ004	Target
	B(40 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	If so does SP continue or slow down

English Text: What {do you/does she/does he} do if {you/she/he} get it while {you/she/he} are walking? {Do you/Does she/Does he} stop or slow down or continue at the same pace?

English Instructions: CHECK "STOP OR SLOW DOWN" IF SP CARRIES ON AFTER TAKING NITROGLYCERINE.

Code or Value	Description	Count	Cumulative	Skip to Item
1	STOP OR SLOW DOWN	221	221	
2	CONTINUE AT THE SAME PACE	26	247	CDQ008
7	Refused	0	247	CDQ008
9	Don't know	1	248	CDQ008
.	Missing	2808	3056	

CDQ005	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Does standing relieve pain/discomfort			

English Text: If {you/she/he} stand still, what happens to it? Is the pain or discomfort relieved or not relieved?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	RELIEVED	200	200	
2	NOT RELIEVED	18	218	CDQ008
7	Refused	0	218	CDQ008
9	Don't know	3	221	CDQ008
.	Missing	2835	3056	

CDQ006	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	How soon is the pain relieved			

English Text: How soon is the pain relieved? Would you say...

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	10 minutes or less	176	176	
2	More than 10 minutes	20	196	CDQ008
7	Refused	0	196	CDQ008
9	Don't know	4	200	CDQ008
.	Missing	2856	3056	

CDQ009A	Target				
	B(40 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Pain in right arm				
English Text: Please look at this card and show me where the pain or discomfort is located.					
English Instructions: CODE ALL THAT APPLY. PROBE FOR ADDITIONAL AREAS. HAND CARD CDQ1.					

Code or Value	Description	Count	Cumulative	Skip to Item
1	Pain in right arm	13	13	
77	Refused	0	13	
99	Don't know	1	14	
.	Missing	3042	3056	

CDQ009B	Target				
	B(40 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Pain in right chest				
English Text: Please look at this card and show me where the pain or discomfort is located.					
English Instructions:					

Code or Value	Description	Count	Cumulative	Skip to Item
2	Pain in right chest	34	34	
.	Missing	3022	3056	

CDQ009C	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in neck			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
3	Pain in neck	21	21	
.	Missing	3035	3056	

CDQ009D	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in upper sternum			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
4	Pain in upper sternum	114	114	
.	Missing	2942	3056	

CDQ009E	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in lower sternum			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
5	Pain in lower sternum	20	20	
.	Missing	3036	3056	

CDQ009F	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in left chest			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
6	Pain in left chest	68	68	
.	Missing	2988	3056	

CDQ009G	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in left arm			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
7	Pain in left arm	20	20	
.	Missing	3036	3056	

CDQ009H	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Pain in epigastric area			
English Text: Please look at this card and show me where the pain or discomfort is located.				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
8	Pain in epigastric area	10	10	
.	Missing	3046	3056	

CDQ008	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Severe pain in chest more than half hour			

English Text: Have {you/she/he} ever had a severe pain across the front of {your/her/his} chest lasting for half an hour or more?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	225	225	
2	No	701	926	
7	Refused	0	926	
9	Don't know	1	927	
.	Missing	2129	3056	

CDQ010	Target			
	B(40 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Shortness of breath on stairs/inclines			

English Text: {Have you/Has SP} had shortness of breath either when hurrying on the level or walking up a slight hill?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1108	1108	
2	No	1938	3046	
7	Refused	0	3046	
9	Don't know	9	3055	
.	Missing	1	3056	