National Health and Nutrition Examination Survey 2005–2006

Documentation, Codebook, and Frequencies

Diabetes

Questionnaire

Survey Years:
2005 to 2006

SAS Transport File:
DIQ_D.XPT

nhanes

November 2007

NHANES 2005–2006 Data Documentation
Questionnaire Section: Diabetes (DIQ_D)
First Published: November 2007   **Last Revised:** N/A

Component Description	The diabetes section (prefix DIQ) provides personal interview data on diabetes, prediabetes, use of insulin or oral hypoglycemic medications, and diabetic retinopathy. It also provides self-reported information on awareness of risk factors for diabetes, healthy lifestyle changes to lower risk of certain disease, general knowledge of diabetic complications, and medical or personal care associated with these conditions.
Eligible Sample	All survey participants aged 1 year and older were eligible. The questions asked varied by age and history of diabetes. Please refer to check items in the diabetes questionnaire and corresponding codebook for question specific details about the eligible target group.
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. Hand cards showing response categories were also used for some questions. When necessary, household interviewers read the hand cards to respondents. Persons 16 years of age and older and emancipated minors were interviewed directly. A proxy provided information for survey participants who were under 16 years of age and for individuals who could not answer the questions themselves.
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	Frequency counts were checked, "skip" patterns were verified, and the reasonableness of question responses was reviewed. Edits were made to some variables to ensure the completeness, consistency, and analytic usefulness of the data. Edits were also made, when necessary, to address data disclosure concerns. When a variable was

modified globally, as part of the editing process, the third letter in the variable name was changed from a Q (i.e. DIQ) to a D (i.e. DID).

DID040: How old when a doctor first told you that you had diabetes?
All responses of age 86 or older were changed to '85' years of age, to be consistent with the coding for the age variable of the sample person in the demographics file. Also, the onset of diabetes at age less than 1 year was coded as 666.

DID060: For how long have you been taking insulin?
Taking insulin less than 1 month was coded as 666.

DID250: How many times have you seen doctor in the past 12 months?

If the time was reported as "None", the value was coded as 0.

DID260: How often do you check your blood for glucose or sugar?
This variable was coded as 0 and 666 for participants who reported "Never" and "Unable to do activity (blind)" respectively.

DID270: During the past 12 months, how many times has a doctor checked you for glycosylated hemoglobin or "A1C"?
This variable was coded as 0 and 666 for participants who reported "Not tested in the last 12 months" and "Never heard of A1C test" respectively.

DID320: What was your most recent LDL cholesterol number?
This variable was coded as 5555 and 6666 for participants who reported "Never heard of LDL" and "Never had cholesterol test" respectively.

DID310S/D: What does doctor say your blood pressure should be?
DID330: What does doctor say your LDL cholesterol should be?
If a participant reported "Provider did not specify goal", the value of corresponding variable was coded as 6666.

DID340: During the past 12 months, how many times has a doctor checked your feet for any sores or irritations?
DID350: How often do you check your feet for sores or irritation?
If the time was reported as "None", the value of corresponding variable was coded as 0.

Missing data imputation for variable DID070:

Question "Taking diabetic pills to lower blood sugar" was missing for 103 prediabetics (DIQ010=3). Missing responses to this question were imputed based on reported use of an oral antidiabetic drug from the Prescription Medication section (RXQ) of the household questionnaire. In that part of the interview, respondents reported all drugs used in the month prior to the interview and showed the interviewer the pill bottles, from which the exact drug name was recorded from the medication container label. Based on this census of all reported drugs, we identified those drugs which were oral antidiabetic agents (listed below). A missing response for DID070 was coded as 1 (Yes) if a person with prediabetes reported use any of the below oral antidiabetic agents, and 2 (No) if a person with prediabetes did not report use any of these oral antidiabetic agents.

List of oral anti-diabetic agents:
    Acarbose
    Cholopropamide
    Glimepiride
    Glipizide
    Glucagon
    Glyburide
    Metformin
    Miglitol
    Nateglinide
    Pioglitazone
    Repagilinide
    Rosiglitazone
    Tolazamide
    Troglitazone
    Glipizide; Metformin
    Glyburide; Metformin
    Metformin; Rosiglitazone

Analytic Notes

In the 2005-2006 data, the core questions for the diabetes component, including doctor diagnosed diabetes, duration of diabetes, insulin use, oral diabetic medication, and diabetic retinopathy are the same as the 1999-2004 data. However, analysts should be aware of differences in skip patterns, data processing and editing.

In the 1999-2004 data, question "How old when a doctor first told you that you had diabetes?" was released as two variables (**DID040G and**

DID040Q). In the 2005-2006 data, however, this information was released as one variable (**DID040**). In addition, participants, who reported having been told they had diabetes less than 2 years ago, were asked a follow-up question to determine the timeframe during which their diabetes was diagnosed. The text of the question, "Was your diabetes diagnosed…" (DIQ220), was followed by response categories ranging from "3 months ago or less" to "more than 12 months ago". There were a few instances in which reported durations of diabetes based on variable DIQ220 were inconsistent with those based on variable DID040. Users should be aware of this inconsistency when analyzing the data.

In the 1999-2004 data, question "For how long have you been taking insulin" was released as three variables (**DID060G, DID060Q** and DIQ060U). In the 2005-2006 data, however, this information was released as two variables (**DID060** and DIQ060U). There were a few instances for which the reported duration of insulin use was greater than the duration of diabetes. Users should carefully examine such data and decide whether or not to include these values in a given analysis.

In the 1999-2004 surveys, question "Are you now taking diabetic pills to lower blood sugar?" (**DIQ070**) was only asked of persons who reported having diabetes. In the 2005-2006 survey, this question was asked both of persons who reported having diabetes, and of persons who reported having prediabetes. Missing values for persons who reported having prediabetes in the leading question (DIQ010=3) were imputed based on the Prescription Medication data (as described in the preceding Data Processing and Editing section). The variable was renamed as **DID070**.

A number of new questions, including awareness of risk factors for diabetes, healthy lifestyle changes to lower risk of certain disease, general knowledge of diabetic complications, and medical or personal care associated with diabetes, were first collected during the 2005-2006 survey. The responses to these questions reflect the respondent's knowledge and may not be biologically reasonable.

The analysis of NHANES 2005-2006 diabetes questionnaire data must be conducted using the appropriate survey design variables, sample weights, and the basic demographic variables. Interview weights should only be used if questionnaire data are analyzed by itself. However if DIQ data are merged with the MEC examination data or laboratory data, the MEC examination weights should be used for analyses. If DIQ data are merged with laboratory sub-sample data, sub-sample weights should be

used for analyses.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.

References   N/A

Locator Record

Title: Diabetes (DIQ_D)

Contact Number: 1-866-441-NCHS

Years of Content: 2005–2006

First Published: November2007

Revised: N/A

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Diabetes Questionnaire section provides interview data on self-reported diabetes, diabetes treatment, complications and medical/personal cares association with diabetes.

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:
Diabetes (DIQ_D)

November 2007

SEQN	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number

English Text: Respondent sequence number.

English Instructions:

DIQ010	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Doctor told you have diabetes

English Text: The next questions are about specific medical conditions. {Other than during pregnancy, {have you/has SP}/{Have you/Has SP}} ever been told by a doctor or health professional that {you have/{he/she/SP} has} diabetes or sugar diabetes?

English Instructions: CAPI INSTRUCTION: IF SP AGE < 15, DISPLAY "HAVE SP" FOR THE FIRST DISPLAY AND "SP HAS" FOR THE SECOND DISPLAY. IF SP IS FEMALE AND AGE >= 20, DISPLAY "OTHER THAN DURING PREGNANCY, {HAVE YOU/HAS SP}".

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	521	521	
2	No	9189	9710	DIQ159
3	Borderline	103	9813	DIQ159
7	Refused	0	9813	DIQ159
9	Don't know	9	9822	DIQ159
.	Missing	0	9822	

DID040	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Age when first told you had diabetes

English Text: How old {was SP/were you} when a doctor or other health professional first told {you/him/her} that {you/he/she} had diabetes or sugar diabetes?

English Instructions: ENTER AGE IN YEARS.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 82	Range of Values	506	506	
85	85 years or older	6	512	
666	Less than 1 year	1	513	
777	Refused	0	513	
999	Don't know	8	521	
.	Missing	9301	9822	

DIQ219	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 6. CHECK ITEM DIQ.219: IF AGE AT SCREENING MINUS AGE RECORDED AT DID.040 > 2, GO TO BOX 4. OTHERWISE, CONTINUE.

DIQ220	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	When was your diabetes diagnosed			

English Text: Was {your/his/her} diabetes diagnosed...

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	3 months ago or less	14	14	
2	More than 3 months ago but not more than 6 months ago	11	25	
3	More than 6 months ago but not more than 9 months ago	7	32	
4	More than 9 months ago but not more than 12 months ago, or	15	47	
5	More than 12 months ago	68	115	
7	Refused	0	115	
9	Don't know	0	115	
.	Missing	9707	9822	

DIQ159	Target	
	B(1 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	CHECK ITEM	

English Text: CHECK ITEM

English Instructions: BOX 4. CHECK ITEM DIQ.159: IF AGE <12, GO TO DIQ.050. IF AGE >=12 AND DIQ.010 = 1 (YES), GO TO DIQ.190A. IF AGE >=12 AND DIQ.010 = 3, GO TO DIQ.170. OTHERWISE, CONTINUE.

DIQ160	Target
	B(12 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	Ever told you have prediabetes

English Text: {Have you/Has SP} ever been told by a doctor or other health professional that {you have/SP has} any of the following: prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes or that {your/her/his} blood sugar is higher than normal but not high enough to be called diabetes or sugar diabetes?

English Instructions: CAPI INSTRUCTION: HELP SCREEN: PREDIABETES, IMPAIRED FASTING GLUCOSE, IMPAIRED GLUCOSE TOLERANCE, OR BORDERLINE DIABETES OCCURS WHEN BLOOD SUGAR (GLUCOSE) LEVELS ARE HIGHER THAN NORMAL BUT NOT HIGH ENOUGH TO BE DIABETES. HAND CARD DIQ1.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	189	189	
2	No	6443	6632	
7	Refused	0	6632	
9	Don't know	19	6651	
.	Missing	3171	9822	

DIQ170	Target
	B(12 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	Ever told have health risk for diabetes

English Text: {Have you/Has SP} ever been told by a doctor or other health professional that {you have/s/he has} health conditions or a medical or family history that increases {your/his/her} risk for diabetes?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	830	830	
2	No	5898	6728	
7	Refused	0	6728	
9	Don't know	23	6751	
.	Missing	3071	9822	

DIQ180	Target			
	B(12 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Had blood tested past three years			

English Text: {Have you/Has SP} had a blood test for high blood sugar or diabetes within the past three years?

English Instructions: INTERVIEWER INSTRUCTION: DO NOT INCLUDE URINE TESTS.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2214	2214	
2	No	4261	6475	
7	Refused	0	6475	
9	Don't know	276	6751	
.	Missing	3071	9822	

DIQ190A	Target			
	B(12 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Past yr told control weight			

English Text: To lower {your/his/her} risk for certain diseases, during the past 12 months {have you/has s/he} ever been told by a doctor or health professional to: control {your/his/her} weight or lose weight?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1387	1387	
2	No	5874	7261	
7	Refused	0	7261	
9	Don't know	6	7267	
.	Missing	2555	9822	

DIQ190B	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Past yr told increase physical activity

English Text: To lower {your/his/her} risk for certain diseases, during the past 12 months {have you/has s/he} ever been told by a doctor or health professional to: increase {your/his/her} physical activity or exercise?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1832	1832	
2	No	5431	7263	
7	Refused	0	7263	
9	Don't know	4	7267	
.	Missing	2555	9822	

DIQ190C	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Past yr told reduce fat/calories in diet

English Text: To lower {your/his/her} risk for certain diseases, during the past 12 months {have you/has s/he} ever been told by a doctor or health professional to: reduce the amount of fat or calories in {your/his/her} diet?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1610	1610	
2	No	5647	7257	
7	Refused	0	7257	
9	Don't know	10	7267	
.	Missing	2555	9822	

DIQ200A	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Are you controlling weight

English Text: To lower {your/his/her} risk for certain diseases, {are you/is s/he} now doing any of the following: controlling {your/his/her} weight or losing weight?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2930	2930	
2	No	4331	7261	
7	Refused	0	7261	
9	Don't know	6	7267	
.	Missing	2555	9822	

DIQ200B	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Are you increasing physical activity

English Text: To lower {your/his/her} risk for certain diseases, {are you/is s/he} now doing any of the following: increasing {your/his/her} physical activity or exercise?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2931	2931	
2	No	4330	7261	
7	Refused	0	7261	
9	Don't know	6	7267	
.	Missing	2555	9822	

DIQ200C	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Are you reducing fat/calories in diet

English Text: To lower {your/his/her} risk for certain diseases, {are you/is s/he} now doing any of the following: reducing the amount of fat or calories in {your/his/her} diet?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2850	2850	
2	No	4412	7262	
7	Refused	0	7262	
9	Don't know	5	7267	
.	Missing	2555	9822	

DIQ050	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Taking insulin now

English Text: {Is SP/Are you} now taking insulin

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	155	155	
2	No	9667	9822	DID065
7	Refused	0	9822	DID065
9	Don't know	0	9822	DID065
.	Missing	0	9822	

DID060		Target			
		B(1 Yrs. to 150 Yrs.)			
Hard Edits		**SAS Label**			
		How long taking insulin			
English Text: For how long {have you/has SP} been taking insulin?					
English Instructions: ENTER NUMBER (OF MONTHS OR YEARS).					

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 49	Range of Values	149	149	
666	Less than 1 month	2	151	
777	Refused	0	151	
999	Don't know	4	155	
.	Missing	9667	9822	

DIQ060U		Target			
		B(1 Yrs. to 150 Yrs.)			
Hard Edits		**SAS Label**			
		Unit of measure (month/year)			
English Text: UNIT OF MEASURE					
English Instructions: ENTER UNIT.					

Code or Value	Description	Count	Cumulative	Skip to Item
1	Months	15	15	
2	Years	134	149	
7	Refused	0	149	
9	Don't know	0	149	
.	Missing	9673	9822	

DID065	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 0. CHECK ITEM DID.065: IF DIQ.010 = 1 (YES) OR DIQ.010 = 3 (BORDERLINE OR PREDIABETES) OR DIQ.160 = 1 (YES) CONTINUE. OTHERWISE, GO TO END OF SECTION .

DID070	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Take diabetic pills to lower blood sugar

English Text: {Is SP/Are you} now taking diabetic pills to lower {{his/her}/your} blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	377	377	
2	No	433	810	
7	Refused	0	810	
9	Don't know	3	813	
.	Missing	9009	9822	

DID229	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

English Instructions: BOX 8. CHECK ITEM DID.229: IF DIQ.010 = 3 (BORDERLINE OR PREDIABETES) OR DIQ.160 = 1 (YES), GO TO END OF SECTION. OTHERWISE, CONTINUE.

DIQ230	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	How long ago saw a diabetes specialist

English Text: When was the last time {you/SP} saw a diabetes nurse educator or dietitian or nutritionist for {your/his/her} diabetes? Do not include doctors or other health professionals.

English Instructions: INTERVIEWER INSTRUCTION: IF RESPONDENT ANSWERS "TODAY" OR A PERIOD LESS THAN A MONTH, CODE 1 - THE 0-12 MONTH CATEGORY.

Code or Value	Description	Count	Cumulative	Skip to Item
1	1 year ago or less	194	194	
2	More than 1 year ago but no more than 2 years ago	55	249	
3	More than 2 years ago but no more than 5 years ago	65	314	
4	More than 5 years ago	43	357	
5	Never	158	515	
7	Refused	0	515	
9	Don't know	6	521	
.	Missing	9301	9822	

DIQ240	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Is there one Dr you see for diabetes

English Text: Is there one doctor or other health professional {you usually see/SP usually sees} for {your/his/her} diabetes? Do not include specialists to whom {you have/SP has} been referred such as diabetes educators, dieticians or foot and eye doctors.

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	422	422	
2	No	99	521	DID260
7	Refused	0	521	DID260
9	Don't know	0	521	DID260
.	Missing	9301	9822	

DID250	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Past year how many times seen doctor

English Text: How many times {have you/has SP} seen this doctor or other health professional in the past 12 months?

English Instructions: CAPI INSTRUCTION: ENTER NUMBER OF TIMES.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 104	Range of Values	418	418	
0	None	4	422	
7777	Refused	0	422	
9999	Don't know	0	422	
.	Missing	9400	9822	

	DID260		Target		
			B(1 Yrs. to 150 Yrs.)		
	Hard Edits		**SAS Label**		
			How often check blood for glucose/sugar		

English Text: How often {do you check your/does SP check his/her} blood for glucose or sugar? Include times when checked by a family member or friend, but do not include times when checked by a doctor or other health professional.

English Instructions: INTERVIEWER INSTRUCTION: DO NOT INCLUDE URINE TESTS. CAPI INSTRUCTION: SOFT EDIT 30 OR MORE PER WEEK. ENTER NUMBER OF TIMES.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 55	Range of Values	444	444	
0	Never	72	516	
666	Unable to do activity (blind)	2	518	
777	Refused	0	518	
999	Don't know	3	521	
.	Missing	9301	9822	

DIQ260U	Target
	B(1 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Unit of measure (day/week/month/year)

English Text: How often {do you check your/does SP check his/her} blood for glucose or sugar? Include times when checked by a family member or friend, but do not include times when checked by a doctor or other health professional.

English Instructions: ENTER UNIT.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Per day	294	294	
2	Per week	91	385	
3	Per month	42	427	
4	Per year	17	444	
7	Refused	0	444	
9	Don't know	0	444	
.	Missing	9378	9822	

DID270	**Target**	
	B(1 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	Past year times checked for A1C	

English Text: Glycosylated (GLY-CO-SYL-AT-ED) hemoglobin or the "A one C" test measures the average level of blood sugar over the past 3 months, and usually ranges between 5 and 14. During the past 12 months, how many times has a doctor or other health professional checked {you/SP} for glycosylated hemoglobin or "A one C"?

English Instructions: CAPI INSTRUCTION: SOFT EDIT MORE THAN 13 TIMES. ENTER NUMBER OF TIMES.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 20	Range of Values	283	283	
0	Not tested in last 12 months	38	321	DIQ295
666	Never heard of A1C test	109	430	DIQ295
777	Refused	0	430	
999	Don't know	87	517	
.	Missing	9305	9822	

DIQ280	**Target**	
	B(1 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	What was your last A1C level	

English Text: What was {your/SP's} last "A one C" level?

English Instructions: CAPI INSTRUCTION: SOFT EDIT FOR ANY NUMBER LESS THAN 5 OR MORE THAN 14. ENTER VALUE.

Code or Value	Description	Count	Cumulative	Skip to Item
5 to 68	Range of Values	128	128	
777	Refused	0	128	
999	Don't know	242	370	
.	Missing	9452	9822	

DIQ290	Target			
	B(1 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	What does Dr say A1C should be			

English Text: What does {your/SP's} doctor or other health professional say {your/his/her} "A one C" level should be? (Pick the lowest level recommended by your health care professional.)

English Instructions: HAND CARD DIQ2.

Code or Value	Description	Count	Cumulative	Skip to Item
1	6 or less	88	88	
2	7 or less	47	135	
3	8 or less	3	138	
4	9 or less	4	142	
5	10 or less	7	149	
6	Provider did not specify goal	81	230	
77	Refused	0	230	
99	Don't know	140	370	
.	Missing	9452	9822	

DIQ295	Target	
	B(1 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
	CHECK ITEM	

English Text: CHECK ITEM

English Instructions: BOX 10A. CHECK ITEM DIQ.295: IF AGE <12, GO TO END OF SECTION. OTHERWISE, CONTINUE.

DIQ300S	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
48 to 300	What was your recent SBP

English Text: Blood pressure is usually given as one number over another. What was {your/SP's} most recent blood pressure in numbers?

English Instructions: CAPI INSTRUCTION: SYSTOLIC VALUE HARD EDIT: 48-300, SOFT EDIT 80-200. DIASTOLIC VALUE HARD EDIT: 0-300, SOFT EDIT 0-150. ENTER VALUES.

Code or Value	Description	Count	Cumulative	Skip to Item
78 to 200	Range of Values	299	299	
7777	Refused	0	299	
9999	Don't know	217	516	
.	Missing	9306	9822	

DIQ300D	Target
	B(12 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
0 to 300	What was your recent DBP

English Text: Blood pressure is usually given as one number over another. What was {your/SP's} most recent blood pressure in numbers?

English Instructions: CAPI INSTRUCTION: SYSTOLIC VALUE HARD EDIT: 48-300, SOFT EDIT 80-200. DIASTOLIC VALUE HARD EDIT: 0-300, SOFT EDIT 0-150. ENTER VALUES.

Code or Value	Description	Count	Cumulative	Skip to Item
0 to 160	Range of Values	288	288	
7777	Refused	0	288	
9999	Don't know	228	516	
.	Missing	9306	9822	

DID310S	Target
	B(12 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
48 to 300	What does Dr say SBP should be

English Text: What does {your/SP's} doctor or other health professional say {your/his/her} blood pressure should be?

English Instructions: CAPI INSTRUCTION: SYSTOLIC VALUE HARD EDIT: 48-300, SOFT EDIT 80-200. DIASTOLIC VALUE HARD EDIT: 0-300, SOFT EDIT 0-150. ENTER VALUES. INTERVIEWER INSTRUCTION. IF RANGE GIVEN, RECORD UPPER VALUE OF RANGE.

Code or Value	Description	Count	Cumulative	Skip to Item
70 to 180	Range of Values	158	158	
6666	Provider did not specify goal	229	387	
7777	Refused	0	387	
9999	Don't know	129	516	
.	Missing	9306	9822	

DID310D	Target
	B(12 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
0 to 300	What does Dr say DBP should be

English Text: What does {your/SP's} doctor or other health professional say {your/his/her} blood pressure should be?

English Instructions: CAPI INSTRUCTION: SYSTOLIC VALUE HARD EDIT: 48-300, SOFT EDIT 80-200. DIASTOLIC VALUE HARD EDIT: 0-300, SOFT EDIT 0-150. ENTER VALUES. INTERVIEWER INSTRUCTION. IF RANGE GIVEN, RECORD UPPER VALUE OF RANGE.

Code or Value	Description	Count	Cumulative	Skip to Item
2 to 130	Range of Values	152	152	
6666	Provider did not specify goal	229	381	
7777	Refused	0	381	
9999	Don't know	135	516	
.	Missing	9306	9822	

DID320	Target	
	B(12 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
25 to 350	What was most recent LDL number	

English Text: One part of total serum cholesterol in {your/SP's} blood is a bad cholesterol, called LDL, which builds up and clogs {your/his/her} arteries. What was {your/his/her} most recent LDL cholesterol number?

English Instructions: CAPI INSTRUCTION: HARD EDIT: ALLOW 25-350. SOFT EDIT ALLOW 40-250.

Code or Value	Description	Count	Cumulative	Skip to Item
25 to 335	Range of Values	84	84	
5555	Never heard of LDL	77	161	DID340
6666	Never had cholesterol test	15	176	DID340
7777	Refused	0	176	
9999	Don't know	340	516	
.	Missing	9306	9822	

DID330	Target	
	B(12 Yrs. to 150 Yrs.)	
Hard Edits	**SAS Label**	
25 to 350	What does Dr say LDL should be	

English Text: What does {your/SP's} doctor or other health professional say {your/his/her} LDL cholesterol should be?

English Instructions: CAPI INSTRUCTION: HARD EDIT: ALLOW 25-350. SOFT EDIT ALLOW 40-250. ENTER VALUE. INTERVIEW INSTRUCTION: IF RANGE GIVEN, RECORD UPPER VALUE OF RANGE.

Code or Value	Description	Count	Cumulative	Skip to Item
25 to 207	Range of Values	51	51	
6666	Provider did not specify goal	144	195	
7777	Refused	0	195	
9999	Don't know	229	424	
.	Missing	9398	9822	

DID340	Target				
	B(12 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Past year times Dr check feet for sores				

English Text: During the past 12 months, about how many times has a doctor or other health professional checked {your/SP's} feet for any sores or irritations?

English Instructions: CAPI INTRUCTION: ENTER NUMBER OF TIMES.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 104	Range of Values	338	338	
0	None	137	475	
7777	Refused	0	475	
9999	Don't know/not sure	1	476	
.	Missing	9346	9822	

DID350	Target				
	B(12 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	How often do you check your feet				

English Text: How often {do you check your feet/does SP check (his/her) feet} for sores or irritations? Include times when checked by a family member or friend, but do not include times when checked by a doctor or other health professional.

English Instructions: ENTER NUMBER OF TIMES.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 365	Range of Values	403	403	
0	None	71	474	
7777	Refused	0	474	
9999	Don't know	2	476	
.	Missing	9346	9822	

DIQ350U	Target			
	B(12 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Unit of measure (day/week/month/year)			

English Text: How often {do you check your feet/does SP check (his/her) feet} for sores or irritations? Include times when checked by a family member or friend, but do not include times when checked by a doctor or other health professional.

English Instructions: ENTER UNIT.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Per day	275	275	
2	Per week	85	360	
3	Per month	31	391	
4	Per year	12	403	
7	Refused	0	403	
9	Don't know	0	403	
.	Missing	9419	9822	

DIQ360	**Target**				
	B(12 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Last time had pupils dilated for exam				

English Text: When was the last time {you/SP} had an eye exam in which the pupils were dilated? This would have made {you/SP} temporarily sensitive to bright light.

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Less than 1 month	49	49	
2	1-12 months	263	312	
3	13-24 months	69	381	
4	Greater than 2 years	85	466	
5	Never	39	505	
7	Refused	0	505	
9	Don't know	11	516	
.	Missing	9306	9822	

DIQ080	**Target**				
	B(12 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Diabetes affected eyes/had retinopathy				

English Text: Has a doctor ever told {you/SP} that diabetes has affected {your/his/her} eyes or that {you/s/he} had retinopathy (ret-in-op-ath-ee)?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	124	124	
2	No	388	512	
7	Refused	0	512	
9	Don't know	4	516	
.	Missing	9306	9822	