

# National Health and Nutrition Examination Survey 2003-2004

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## Documentation, Codebook, and Frequencies

### Housing Characteristics

Questionnaire

Survey Years:  
2003 to 2004

SAS Transport File:  
HOQ\_C.XPT



First Published: September 2006  
Last Revised: November 2007

# NHANES 2003–2004 Data Documentation

## Questionnaire Section: Housing Characteristics (HOQ\_C)

First Published: September 2006

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**Component Description** The Housing Characteristics section (variable name prefixes HOQ or HOD) provides family level interview data on type of home, number of apartments in building, age of home, number of rooms in home, time lived in home, whether home is owned or rented, water source and treatment, and home renovations related to lead dust.

**Eligible Sample** One study participant in each family responds for the entire family and these responses are released for all members of the same family. All questions in this section are asked of all families with the exception of those on home renovations related to lead dust, which were only asked of families with a participating child aged 1 to 5 years.

**Interview Setting and Mode of Administration** Home Interview; In-person

**Quality Assurance & Quality Control** NA

**Data Processing and Editing** Multiple families in the same household may be selected as participants in the study. Sometimes, the data collected from different families living in the same household are discrepant. In most cases, these discrepancies are left as reported. For HOD040, When home was built, if one family did not know the age of the home, the value reported by another family in the same home was substituted for the “don’t know” response.

**HOD011 Type of home:** Responses to “other specify” were back coded into response categories whenever possible. The remaining “other specify” responses are released as “something else” (HOD011=5).

**HOD030 How many apartments in building:** Responses of 1 and 2 apartments per building were collapsed into one category due to low cell counts. A part of “other specify” responses for HOD011 were back coded into the apartment category (HOD011=4). These respondents were not asked this question and have missing values for this variable.

**HOD050 Number of rooms in home:** Any responses for this question equal or greater than 13 were top coded and released as 13.

**HOD060 How many years family lived in home:** These data were collected as continuous values but were collapsed into categories for release.

**HOQ080 Water treatment devices used or not:** Details on which of the water treatment devices were used were collected but not released due to unique combinations of devices which could identify family members. The text of the hand card with the list of devices is included in appendix A.

**HOD140, HOD150, HOD160, HOD170, HOD180, HOD190, HOD210, HOD220 Home renovations:** These questions were only asked of families with participating children ages 1-5 and data are released only on these children, not the entire family. These questions relate to the lead dust component and can also be linked to blood lead laboratory values (see Lab 06 Nutritional Biochemistries).

**HOD180 Number of rooms 22x26 peeling:** These data were collected as continuous values but were collapsed into the categories of 1 and 2 or more due to low cell counts.

**HOD220 Window, cabinet or wall renovation:** These data were collected in 3 separate questions which were combined due to low frequencies. The current variable indicates “yes” if any of the three types of renovation occurred.

## **Analytic Notes**

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 refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues at [http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical\\_guidelines.htm](http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm).

**References** NA

## Locator Record

**Title:** Housing Characteristics (HOQ\_C)

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2003–2004

**First Published:** September 2006

**Revised:** November 2007

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** Housing Characteristics

**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)

## Questionnaire Section: Housing Characteristics (HOQ\_C)

First Published: September 2006

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<b>SEQN</b>	<b>Target</b>
	B(0 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

<b>HOD011</b>	<b>Target</b>
	B(0 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Type of home
<b>English Text:</b> I'd like to ask you a few questions about your home. Is your home . . .	
<b>English Instructions:</b> VERIFY OR ASK IF NOT OBVIOUS. INCLUDE TOWNHOME AS 'HOUSE', EITHER DETACHED OR ATTACHED.	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Mobile home or trailer	711	711	HOD040
2	One family house detached from any other house	5730	6441	HOD040
3	One family house attached to one or more houses	919	7360	HOD040
4	Apartment	2466	9826	
5	Something else	63	9889	HOD040
6	Dormitory	95	9984	HOD040
77	Refused	2	9986	HOD040
99	Don't know	3	9989	HOD040
.	Missing	133	10122	

<b>HOD030</b>		<b>Target</b>		
		B(0 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		How many apartments in building		
<b>English Text:</b> How many apartments are in this building? Would you say . . .				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	1 or 2	367	367	
3	3 or 4	443	810	
4	5 to 9	454	1264	
5	10 to 19	487	1751	
6	20 to 49	284	2035	
7	50 or more	358	2393	
77	Refused	8	2401	
99	Don't know	59	2460	
.	Missing	7662	10122	

<b>HOD040</b>		<b>Target</b>		
		B(0 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		When was home built		
<b>English Text:</b> When was this {mobile home/house/building} originally built?				
<b>English Instructions:</b> READ CATEGORIES IF NECESSARY.				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	1990 to present	1305	1305	
2	1978 to 1989	1302	2607	
3	1960 to 1977	1903	4510	
4	1950 to 1959	1077	5587	
5	1940 to 1949	459	6046	
6	Before 1940	1142	7188	
77	Refused	18	7206	
99	Don't know	2783	9989	
.	Missing	133	10122	

<b>HOD050</b>		<b>Target</b>		
		B(0 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Number of rooms in home		
<b>English Text:</b> How many rooms are in this home? Count the kitchen but not the bathroom.				
<b>English Instructions:</b> ENTER NUMBER OF ROOMS				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1 to 12	Range of Values	9944	9944	
13	13 or more	27	9971	
777	Refused	10	9981	
999	Don't know	8	9989	
.	Missing	133	10122	

<b>HOD060</b>		<b>Target</b>		
		B(0 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		How many years family lived in home		
<b>English Text:</b> How many years {have you/has your family} lived at this address?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Less than one year	1801	1801	
2	1-2 years	1878	3679	
3	3-5 years	1985	5664	
4	6-10 years	1592	7256	
5	More than 10 years	2717	9973	
77	Refused	12	9985	
99	Don't know	4	9989	
.	Missing	133	10122	

<b>HOQ065</b>		<b>Target</b>		
		B(0 Yrs. to 150 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Home owned, bought, rented, other		
<b>English Text:</b> Is this {mobile home/house/apartment} owned, being bought, rented, or occupied by some other arrangement by {you/you or someone else in your family}?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Owned or being bought	5760	5760	
2	Rented	3960	9720	
3	Other arrangement	265	9985	
7	Refused	3	9988	
9	Don't know	1	9989	
.	Missing	133	10122	

<b>HOQ070</b>	<b>Target</b>			
	B(0 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Source of tap water			
<b>English Text:</b> What is the source of tap water in this home? Is it a private or public water company, a private or public well, or something else?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Private/public water company	8914	8914	
2	Private/public well	950	9864	
3	Something else	22	9886	
7	Refused	2	9888	
9	Don't know	101	9989	
.	Missing	133	10122	

<b>HOQ080</b>	<b>Target</b>			
	B(0 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Water treatment devices used or not			
<b>English Text:</b> Are any of the water treatment devices listed on this card used in your home?				
<b>English Instructions:</b> HAND CARD HOQ1				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	2226	2226	
2	No	7726	9952	
7	Refused	2	9954	
9	Don't know	35	9989	
.	Missing	133	10122	

<b>HOD140</b>		<b>Target</b>		
		B(1 Yrs. to 5 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Home painted in last 12 months		
<b>English Text:</b> During the last 12 months, were any areas inside your home painted, such as walls, trim or ceilings?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	527	527	
2	No	694	1221	HOD160
7	Refused	0	1221	HOD160
9	Don't know	23	1244	HOD160
.	Missing	8878	10122	

<b>HOD150</b>		<b>Target</b>		
		B(1 Yrs. to 5 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Old paint scraped when home painted?		
<b>English Text:</b> When this painting was done did someone sand or scrape off any of the old paint?				
<b>English Instructions:</b>				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes	122	122	
2	No	335	457	
7	Refused	2	459	
9	Don't know	68	527	
.	Missing	9595	10122	

<b>HOD160</b>		<b>Target</b>		
		B(1 Yrs. to 5 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Paint peeling, flaking, chipping inside		
<b>English Text:</b> Are there any rooms in your home where you can see paint that is peeling, flaking or chipping off the walls, ceilings, doors, or windows?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	360	360	
2	No	882	1242	HOD190
7	Refused	0	1242	HOD190
9	Don't know	2	1244	HOD190
.	Missing	8878	10122	

<b>HOD170</b>		<b>Target</b>		
		B(1 Yrs. to 5 Yrs.)		
<b>Hard Edits</b>		<b>SAS Label</b>		
		Inside peeling area plus 22x26		
<b>English Text:</b> In any of these rooms, can you see at least one total area of peeling, flaking or chipping paint that is larger than one page of a regular newspaper?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	62	62	
2	No	298	360	HOD190
7	Refused	0	360	HOD190
9	Don't know	0	360	HOD190
.	Missing	9762	10122	

<b>HOD180</b>	<b>Target</b>			
	B(1 Yrs. to 5 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Number of rooms 22x26 peeling			
<b>English Text:</b> How many rooms have this much peeling, flaking or chipping paint? [Areas that are larger than one page of regular newspaper.]				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	One room	41	41	
2	Two or more rooms	21	62	
77	Refused	0	62	
99	Don't know	0	62	
.	Missing	10060	10122	

<b>HOD190</b>	<b>Target</b>			
	B(1 Yrs. to 5 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Outside paint peeling/flaking/chipping			
<b>English Text:</b> Can you see paint that is peeling, flaking or chipping on any outside area of your {house/building}?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	216	216	
2	No	1007	1223	HOD220
7	Refused	0	1223	HOD220
9	Don't know	21	1244	HOD220
.	Missing	8878	10122	

<b>HOD210</b>	<b>Target</b>			
	B(1 Yrs. to 5 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Outside peeling larger than door?			
<b>English Text:</b> Can you see any total area of peeling, flaking or chipping paint on any outside area that is larger than a regular door?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	53	53	
2	No	162	215	
7	Refused	0	215	
9	Don't know	1	216	
.	Missing	9906	10122	

<b>HOD220</b>	<b>Target</b>			
	B(1 Yrs. to 5 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Window, cabinet or wall renovation			
<b>English Text:</b> The next questions are about work that has been done in your home in the past 12 months. In the past 12 months, have you or anyone else . . .replaced a window, cabinet or wall in your home?				
<b>English Instructions:</b>				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	198	198	
2	No	1019	1217	
7	Refused	0	1217	
9	Don't know	27	1244	
.	Missing	8878	10122	