



# **HCHS/SOL Codebook for Baseline Examination**

**January 2020**  
**INV Version 4.23**

**Prepared by the Collaborative Studies Coordinating Center  
UNC Chapel Hill, Department of Biostatistics**

**Version 4.23 – baseline Investigator Use Data Sets (\_INV4 data file)**

# Table of Contents

Chapter 1. Baseline Examination .....	3
Section A: Procedure Forms.....	3
Ankle Arm Blood Pressure (ABPA) .....	3
Anthropometry (ANTA).....	7
Biospecimen Collection Form (BIOA) .....	10
Neurocognitive Assessment (NEEA) .....	36
Otoscopy (OTOA).....	42
Periodontal Data - Derived (PERA).....	46
Sitting Blood Pressure (SBPA).....	52
Section B: Questionnaire Forms .....	56
Alcohol Use (ALEA).....	56
Claudication (CLEA) .....	59
Dietary Behavior (DBEA).....	63
Economic (ECEA) .....	67
Health Care Use - Version A (HCEA) .....	69
Health Care Use - Version B (HCEB) .....	82
Hearing Exam (HEEA) .....	94
Hearing History (HHEA) .....	101
Medical History (MHEA) .....	111
Medication Use (MUEA).....	138
Occupation (OCEA).....	149
Oral Health (OHEA).....	169
Physical Activity (PAEA).....	190
Personal Information Form (PIEA) .....	203
Respiratory (RSEA).....	226
Sociocultural (SCEA).....	243
SF-12v2 Health Survey (SFEA) .....	252
Sleep (SLEA).....	257
Social Network Index (SNEA) .....	266
Tobacco Use (TBEA) .....	269
Well Being (WBEA) .....	276
Weight History (WHEA).....	282
Section C: Administrative Forms.....	284
Informed Consent Tracking - Version A (ICTA) .....	284
Informed Consent Tracking - Version B (ICTB) .....	287
Chapter 2. Laboratory and Reading Center Data.....	290
Section A: Laboratory Data.....	290
Laboratory Data (LABA) .....	290
Section B: Reading Center Data.....	307
Spirometry Data - Initial Examination (PRBA).....	307
Spirometry Data - Post-bronchodilator Examination (POBA) .....	315
Audiometry Re-Grading (AURA) .....	322
Tympanometry Re-Grading (TYRA).....	333
Ear Center Grading (EARA) .....	340
ECG Data (ECGA) .....	344
Sleep Monitor Data (SLPA) .....	401
Chapter 3. Derived Variables .....	419
Section A: Participant Derived Variable File .....	419
Participant Derived Variable File (PART_DERV).....	419
Section B: Other Derived Datasets .....	481
Audiometry Derived Variable File (AUDIO_DERV).....	481
Dental Derived Variable File (DENTAL_DERV).....	489

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**Ankle Arm Blood Pressure: FORM CODE=ABP VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. If measure is unobtainable, enter the special missing value, "=", in the item.

ABPA0A		0a. Date of form completion:
N	Value	Description
9737	Range	03/04/2008 - 06/30/2011
21		Missing

ABPA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### 1. Systolic Readings: Systolic (mm Hg)

ABPA1A		a. Right brachial
N	Value	Description
9646	Range	74 - 238 ( median=128 mean=131.0 std=19.9 )
112		Missing

ABPA1B		b. Right dorsalis pedis
N	Value	Description
9606	Range	50 - 300 ( median=136 mean=138.1 std=24.7 )
152		Missing

ABPA1C		c. Right posterior tibial
N	Value	Description
9621	Range	50 - 300 ( median=140 mean=142.7 std=24.4 )
137		Missing

ABPA1D		d. Left posterior tibial
N	Value	Description
9626	Range	50 - 300 ( median=140 mean=142.5 std=24.9 )
132		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

**Section A: Procedure Forms**

<i>ABPA1E</i>		<i>e. Left dorsalis pedis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9595	Range	56 - 300 ( median=137 mean=138.8 std=24.8 )
163		Missing

<i>ABPA1F</i>		<i>f. Left brachial</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9640	Range	74 - 232 ( median=128 mean=130.9 std=19.8 )
118		Missing

<i>ABPA2</i>		<i>2. All procedures were:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
300	0	Not completed
9429	1	Completed successfully [ <i>skip to End</i> ]
29		Missing

**3. Reason procedure was not completed with all measures:**

<i>ABPA3A1</i>		<i>a. Occlusion failure:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
194	0	No [ <i>skip to Q.3B</i> ]
102	1	Yes
9428	.S	Skip Rule Followed
34		Missing

**If "Yes", occlusion failure, specify:**

<i>ABPA3A2</i>		<i>(1) R. dorsalis pedis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
57	0	No
43	1	Yes
9622	.S	Skip Rule Followed
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

ABPA3A3		(2) <i>R. posterior tibial</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
57	0	No
42	1	Yes
9622	.S	Skip Rule Followed
37		Missing

ABPA3A4		(3) <i>L. posterior tibial</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
56	0	No
43	1	Yes
9622	.S	Skip Rule Followed
37		Missing

ABPA3A5		(4) <i>R. dorsalis pedis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
50	0	No
51	1	Yes
9622	.S	Skip Rule Followed
35		Missing

ABPA3B		<i>b. Amputation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
278	0	No
14	1	Yes
9428	.S	Skip Rule Followed
38		Missing

ABPA3C		<i>c. Discomfort</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
227	0	No
66	1	Yes
9428	.S	Skip Rule Followed
37		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>ABPA3D</i>		<i>d. Ulceration or lesion</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
272	0	No
20	1	Yes
9428	.S	Skip Rule Followed
38		Missing

<i>ABPA3E</i>		<i>e. Other (specify in note log)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
101	0	No
193	1	Yes
9428	.S	Skip Rule Followed
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**Anthropometry: FORM CODE=ANT VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. If a response is unknown or cannot be measured then enter the special missing value, "=", in the item. In order to measure bioimpedence, the participant must be barefoot. Set the Tanita analyzer to report metric units (cm/kg).

ANTA0A		0a. Date of form completion:
N	Value	Description
16388	Range	03/03/2008 - 07/26/2011
1		Missing

ANTA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. DETERMINATION OF ABILITY TO STAND

ANTA1		1. Assessment of ability to stand (choose one):
N	Value	Description
16258	1	Can stand erectly on both feet.
118	2	Can stand on both feet, but posture not erect.
9	3	Cannot stand on both feet. [skip to Q.10]
4		Missing

#### B. HEIGHT, WEIGHT, and BIO-IMPEDENCE

ANTA2		2. Standing height (to the nearest cm): (see Participant Derive File for Updated Height Variable)
N	Value	Description
		This variable has been removed

ANTA3A_KG		3. Self-reported weight (to the nearest kg):
N	Value	Description
16226	Range	33.6 - 217.7 ( median=76.4 mean=78.44 std=17.73 )
9	.S	Skip Rule Followed
154		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

**Section A: Procedure Forms**

ANTA4		4. Weight (kg):
N	Value	Description
16354	Range	34.5 - 200.8 ( median=75.8 mean=78.12 std=17.88 )
9	.S	Skip Rule Followed
26		Missing

ANTA5		5. Fat (%):
N	Value	Description
16031	Range	1.1 - 71.9 ( median=35.1 mean=34.53 std=9.52 )
9	.S	Skip Rule Followed
349		Missing

ANTA6		6. Impedance (Ohms):
N	Value	Description
16036	Range	154 - 899 ( median=523 mean=526.2 std=85.4 )
9	.S	Skip Rule Followed
344		Missing

ANTA7		7. Fat mass (kg):
N	Value	Description
16034	Range	0.4 - 187 ( median=25.9 mean=27.83 std=12.48 )
9	.S	Skip Rule Followed
346		Missing

ANTA8		8. Lean body mass (FFM) (kg):
N	Value	Description
16036	Range	2.2 - 108.8 ( median=47.9 mean=50.14 std=9.88 )
9	.S	Skip Rule Followed
344		Missing

ANTA9		9. Total body water (TBW) (kg):
N	Value	Description
16036	Range	10.1 - 79.6 ( median=35.1 mean=36.73 std=7.24 )
9	.S	Skip Rule Followed
344		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

#### C. BODY SIZE

##### 10. Girths (to the nearest cm)

<i>ANTA10A</i>		<i>10. a) Waist (cm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16349	Range	31 - 221 ( median=97 mean=98.2 std=14.1 )
40		Missing

<i>ANTA10B</i>		<i>10. b) Hip (cm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16342	Range	35 - 334 ( median=104 mean=106.4 std=12.3 )
47		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**Biospecimen Collection Form: FORM CODE=BIO VERSION=A**

**Instructions:** This form should be completed during the participant's visit. Affix the participant ID label and the Lab ID label above. Whenever numerical responses are required, enter the number so that the last digit appears in the rightmost box. Enter leading zeroes where necessary to fill all boxes.

<i>BIOA0A</i>		<i>0a. Lab ID#:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16354	Present	Variable/Text Values Suppressed
11		Missing

#### A. Safety Questions:

<i>BIOA1</i>		<i>1. Have you ever had a radical mastectomy or other surgery where lymph nodes were removed from your armpits?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16097	0	No
247	1	Yes
21		Missing

<i>BIOA2</i>		<i>2. Do you have any bleeding disorders?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16119	0	No
227	1	Yes
19		Missing

<i>BIOA3</i>		<i>3. Have you ever had a graft or shunt for kidney dialysis?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16306	0	No
41	1	Yes
18		Missing

<i>BIOA4</i>		<i>4. Confirm/ask per Safety Form: Has diabetes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14224	0	No
2122	1	Yes [skip to Q.7]
19		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

BIOA5		5. Have you had part of your stomach or intestines removed?
N	Value	Description
14028	0	No
191	1	Yes [skip to Q.7]
2121	.S	Skip Rule Followed
25		Missing

BIOA6		6. Glucose meter reading
N	Value	Description
13913	Range	0 - 451 ( median=94 mean=96.9 std=22.0 )
2312	.S	Skip Rule Followed
140		Missing

BIOA6A		6a. Hyperglycemia symptoms
N	Value	Description
117	0	No
24	1	Yes
16096	.S	Skip Rule Followed
128		Missing

BIOA6B		6b. Ketone dipstick
N	Value	Description
24	1	Not Applicable
73	2	Negative
46	3	Positive
16096	.S	Skip Rule Followed
126		Missing

### B. Fasting Blood Collection Information:

BIOA7		7. On which day did you last eat or drink anything except water: today, yesterday, or the day before yesterday?
N	Value	Description
189	1	Today
16142	2	Yesterday
12	3	Before yesterday
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

**Section A: Procedure Forms**

<i>BIOA8_2401</i>		<i>8. And at what time was that?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16344	Range	0:00 - 23:59
21		Missing

**C. Blood Collection:**

<i>BIOA9</i>		<i>9. Date of blood collection:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16338	Range	01/05/2008 - 06/30/2011
27		Missing

<i>BIOA10_2401</i>		<i>10. Collection Time:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16287	Range	0:04 - 23:55
78		Missing

<i>BIOA11</i>		<i>11. Was fasting blood collected before the glucola/snack?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
134	0	No
16195	1	Yes
36		Missing

<i>BIOA12</i>		<i>12. Number of venipuncture attempts:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16335	Range	0 - 7 ( median=1 mean=1.1 std=0.5 )
30		Missing

<i>BIOA13</i>		<i>13. Any blood drawing incidents or problems?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13304	0	No [skip to Q.16]
3038	1	Yes
23		Missing

**14. Blood drawing incidents: Document problems with venipuncture in this table. Place an "X" in box(es) corresponding to the tubes in which the blood drawing problem(s) occurred. If a problem other than those listed occurred, use Item 15.**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

**Section A: Procedure Forms****a. Sample not drawn**

<i>BIOA14A1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
73	1	Sample not drawn
13303	.S	Skip Rule Followed
2989		Missing

<i>BIOA14A2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	1	Sample not drawn
13303	.S	Skip Rule Followed
2979		Missing

<i>BIOA14A3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
82	1	Sample not drawn
13303	.S	Skip Rule Followed
2980		Missing

<i>BIOA14A4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	1	Sample not drawn
13303	.S	Skip Rule Followed
2957		Missing

<i>BIOA14A5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
134	1	Sample not drawn
13303	.S	Skip Rule Followed
2928		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14A6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
152	1	Sample not drawn
13303	.S	Skip Rule Followed
2910		Missing

<i>BIOA14A7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
178	1	Sample not drawn
13303	.S	Skip Rule Followed
2884		Missing

<i>BIOA14A8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
251	1	Sample not drawn
13303	.S	Skip Rule Followed
2811		Missing

<i>BIOA14A9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
324	1	Sample not drawn
13303	.S	Skip Rule Followed
2738		Missing

<i>BIOA14A10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
645	1	Sample not drawn
13303	.S	Skip Rule Followed
2417		Missing

#### b. Partial sample drawn

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14B1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
77	1	Partial sample drawn
13303	.S	Skip Rule Followed
2985		Missing

<i>BIOA14B2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	1	Partial sample drawn
13303	.S	Skip Rule Followed
2979		Missing

<i>BIOA14B3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	1	Partial sample drawn
13303	.S	Skip Rule Followed
3033		Missing

<i>BIOA14B4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
97	1	Partial sample drawn
13303	.S	Skip Rule Followed
2965		Missing

<i>BIOA14B5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
102	1	Partial sample drawn
13303	.S	Skip Rule Followed
2960		Missing

<i>BIOA14B6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
60	1	Partial sample drawn
13303	.S	Skip Rule Followed
3002		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14B7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
79	1	Partial sample drawn
13303	.S	Skip Rule Followed
2983		Missing

<i>BIOA14B8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
78	1	Partial sample drawn
13303	.S	Skip Rule Followed
2984		Missing

<i>BIOA14B9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
107	1	Partial sample drawn
13303	.S	Skip Rule Followed
2955		Missing

<i>BIOA14B10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
44	1	Partial sample drawn
13303	.S	Skip Rule Followed
3018		Missing

#### c. Tourniquet reapplied

<i>BIOA14C1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
135	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2927		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14C2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
127	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2935		Missing

<i>BIOA14C3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
186	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2876		Missing

<i>BIOA14C4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
632	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2430		Missing

<i>BIOA14C5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
718	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2344		Missing

<i>BIOA14C6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
754	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2308		Missing

<i>BIOA14C7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
741	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2321		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14C8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
687	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2375		Missing

<i>BIOA14C9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
646	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2416		Missing

<i>BIOA14C10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
107	1	Tourniquet reapplied
13303	.S	Skip Rule Followed
2955		Missing

#### d. Fist clenching

<i>BIOA14D1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
47	1	Fist clenching
13303	.S	Skip Rule Followed
3015		Missing

<i>BIOA14D2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
51	1	Fist clenching
13303	.S	Skip Rule Followed
3011		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14D3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
54	1	Fist clenching
13303	.S	Skip Rule Followed
3008		Missing

<i>BIOA14D4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
68	1	Fist clenching
13303	.S	Skip Rule Followed
2994		Missing

<i>BIOA14D5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
79	1	Fist clenching
13303	.S	Skip Rule Followed
2983		Missing

<i>BIOA14D6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
93	1	Fist clenching
13303	.S	Skip Rule Followed
2969		Missing

<i>BIOA14D7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70	1	Fist clenching
13303	.S	Skip Rule Followed
2992		Missing

<i>BIOA14D8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
61	1	Fist clenching
13303	.S	Skip Rule Followed
3001		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14D9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
49	1	Fist clenching
13303	.S	Skip Rule Followed
3013		Missing

<i>BIOA14D10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
22	1	Fist clenching
13303	.S	Skip Rule Followed
3040		Missing

#### e. Needle movement

<i>BIOA14E1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
192	1	Needle movement
13303	.S	Skip Rule Followed
2870		Missing

<i>BIOA14E2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
141	1	Needle movement
13303	.S	Skip Rule Followed
2921		Missing

<i>BIOA14E3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
144	1	Needle movement
13303	.S	Skip Rule Followed
2918		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14E4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
180	1	Needle movement
13303	.S	Skip Rule Followed
2882		Missing

<i>BIOA14E5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
177	1	Needle movement
13303	.S	Skip Rule Followed
2885		Missing

<i>BIOA14E6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
162	1	Needle movement
13303	.S	Skip Rule Followed
2900		Missing

<i>BIOA14E7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
156	1	Needle movement
13303	.S	Skip Rule Followed
2906		Missing

<i>BIOA14E8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
131	1	Needle movement
13303	.S	Skip Rule Followed
2931		Missing

<i>BIOA14E9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
132	1	Needle movement
13303	.S	Skip Rule Followed
2930		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA14E10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
36	1	Needle movement
13303	.S	Skip Rule Followed
3026		Missing

#### f. Participant reclining

<i>BIOA14F1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	1	Participant reclining
13303	.S	Skip Rule Followed
3055		Missing

<i>BIOA14F2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	Participant reclining
13303	.S	Skip Rule Followed
3056		Missing

<i>BIOA14F3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8	1	Participant reclining
13303	.S	Skip Rule Followed
3054		Missing

<i>BIOA14F4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	Participant reclining
13303	.S	Skip Rule Followed
3050		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

<i>BIOA14F5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	1	Participant reclining
13303	.S	Skip Rule Followed
3048		Missing

<i>BIOA14F6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	1	Participant reclining
13303	.S	Skip Rule Followed
3045		Missing

<i>BIOA14F7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	1	Participant reclining
13303	.S	Skip Rule Followed
3046		Missing

<i>BIOA14F8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
30	1	Participant reclining
13303	.S	Skip Rule Followed
3032		Missing

<i>BIOA14F9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	1	Participant reclining
13303	.S	Skip Rule Followed
3033		Missing

<i>BIOA14F10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	1	Participant reclining
13303	.S	Skip Rule Followed
3052		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

BIOA15		15. If any other blood drawing problems not listed above (e.g., 'fasting status, etc.), describe incident or problem here:
N	Value	Description
15406	Present	Variable/Text Values Suppressed
959		Missing

BIOA16		16. Phlebotomist's code number:
N	Value	Description
		This variable has been removed

#### D. Blood Processing:

BIOA17_2401		17. Time at which tubes 4 - 7 were centrifuged:
N	Value	Description
16249	Range	0:02 - 23:55
116		Missing

BIOA18_2401		18. Time at which tubes 1-2 were centrifuged:
N	Value	Description
16275	Range	0:00 - 23:56
90		Missing

BIOA19_2401		19. Time at which aliquot tray 1 vials were placed in freezer:
N	Value	Description
16274	Range	0:00 - 23:59
91		Missing

BIOA20		20. Blood Processor's code number:
N	Value	Description
		This variable has been removed

BIOA21		21. Any blood processing incidents or problems?
N	Value	Description
14303	0	No [skip to Q.24]
1993	1	Yes
69		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**22. Blood processing incidents: Document problems with the processing of specimens in this table. Place an "X" in box(es) corresponding to tubes in which the processing problem(s) occurred. If a problem other than those listed occurred, use Item 23.**

#### a. Broken tube

<i>BIOA22A1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	Broken Tube
14303	.S	Skip Rule Followed
2059		Missing

<i>BIOA22A2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	Broken Tube
14303	.S	Skip Rule Followed
2059		Missing

<i>BIOA22A3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22A4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	Broken Tube
14303	.S	Skip Rule Followed
2060		Missing

<i>BIOA22A5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	Broken Tube
14303	.S	Skip Rule Followed
2057		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA22A6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	1	Broken Tube
14303	.S	Skip Rule Followed
2057		Missing

<i>BIOA22A7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	1	Broken Tube
14303	.S	Skip Rule Followed
2050		Missing

<i>BIOA22A8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22A9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22A10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	Broken Tube
14303	.S	Skip Rule Followed
2060		Missing

#### b. Sample re-centrifuged

<i>BIOA22B1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
22	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2040		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

<i>BIOA22B2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
24	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2038		Missing

<i>BIOA22B3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22B4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2033		Missing

<i>BIOA22B5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
32	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2030		Missing

<i>BIOA22B6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2044		Missing

<i>BIOA22B7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
28	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2034		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA22B8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22B9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22B10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	1	Sample re-centrifuged
14303	.S	Skip Rule Followed
2053		Missing

#### c. Clotted

<i>BIOA22C1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	Clotted
14303	.S	Skip Rule Followed
2060		Missing

<i>BIOA22C2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22C3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA22C4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	1	Clotted
14303	.S	Skip Rule Followed
2045		Missing

<i>BIOA22C5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	1	Clotted
14303	.S	Skip Rule Followed
2048		Missing

<i>BIOA22C6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	1	Clotted
14303	.S	Skip Rule Followed
2052		Missing

<i>BIOA22C7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19	1	Clotted
14303	.S	Skip Rule Followed
2043		Missing

<i>BIOA22C8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

<i>BIOA22C9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

<i>BIOA22C10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14303	.S	Skip Rule Followed
2062		Missing

### d. Hemolyzed

<i>BIOA22D1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
512	1	Hemolyzed
14303	.S	Skip Rule Followed
1550		Missing

<i>BIOA22D2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
474	1	Hemolyzed
14303	.S	Skip Rule Followed
1588		Missing

<i>BIOA22D3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	1	Hemolyzed
14303	.S	Skip Rule Followed
2055		Missing

<i>BIOA22D4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
204	1	Hemolyzed
14303	.S	Skip Rule Followed
1858		Missing

<i>BIOA22D5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
226	1	Hemolyzed
14303	.S	Skip Rule Followed
1836		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA22D6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
441	1	Hemolyzed
14303	.S	Skip Rule Followed
1621		Missing

<i>BIOA22D7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
359	1	Hemolyzed
14303	.S	Skip Rule Followed
1703		Missing

<i>BIOA22D8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	1	Hemolyzed
14303	.S	Skip Rule Followed
2053		Missing

<i>BIOA22D9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	1	Hemolyzed
14303	.S	Skip Rule Followed
2059		Missing

<i>BIOA22D10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
109	1	Hemolyzed
14303	.S	Skip Rule Followed
1953		Missing

#### e. Lipemic

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

<i>BIOA22E1</i>		<i>Tube 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
82	1	Lipemic
14303	.S	Skip Rule Followed
1980		Missing

<i>BIOA22E2</i>		<i>Tube 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
81	1	Lipemic
14303	.S	Skip Rule Followed
1981		Missing

<i>BIOA22E3</i>		<i>Tube 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	1	Lipemic
14303	.S	Skip Rule Followed
2056		Missing

<i>BIOA22E4</i>		<i>Tube 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
78	1	Lipemic
14303	.S	Skip Rule Followed
1984		Missing

<i>BIOA22E5</i>		<i>Tube 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
79	1	Lipemic
14303	.S	Skip Rule Followed
1983		Missing

<i>BIOA22E6</i>		<i>Tube 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70	1	Lipemic
14303	.S	Skip Rule Followed
1992		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

<i>BIOA22E7</i>		<i>Tube 7</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
73	1	Lipemic
14303	.S	Skip Rule Followed
1989		Missing

<i>BIOA22E8</i>		<i>Tube 8</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1	Lipemic
14303	.S	Skip Rule Followed
2060		Missing

<i>BIOA22E9</i>		<i>Tube 9</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	Lipemic
14303	.S	Skip Rule Followed
2061		Missing

<i>BIOA22E10</i>		<i>Tube 10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
27	1	Lipemic
14303	.S	Skip Rule Followed
2035		Missing

<i>BIOA23</i>		<i>23. Comments on blood processing, urine collection/processing, and OGTT:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9346	Present	Variable/Text Values Suppressed
7019		Missing

<i>BIOA24</i>		<i>24. Was a post-glucola sample collected?:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3030	0	No [skip to Q.28]
13308	1	Yes
27		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

BIOA25_2401		25. Time glucola given:
N	Value	Description
13310	Range	0:01 - 23:50
3030	.S	Skip Rule Followed
25		Missing

BIOA26_2401		26. Time of collection of post-glucola samples:
N	Value	Description
13291	Range	0:00 - 23:55
3030	.S	Skip Rule Followed
44		Missing

BIOA27		27. Blood Processor's code number for post-glucose load samples:
N	Value	Description
		This variable has been removed

### E. Urine Sample

BIOA28		28. Was a urine sample collected?
N	Value	Description
99	0	No [skip to End]
16250	1	Yes
16		Missing

BIOA29		29. Date of urine sample:
N	Value	Description
16250	Range	10/17/2007 - 06/30/2011
99	.S	Skip Rule Followed
16		Missing

BIOA30_2401		30. Time urine sample collected:
N	Value	Description
16236	Range	0:01 - 23:53
99	.S	Skip Rule Followed
30		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>BIOA31_2401</i>		<i>31. Time urine sample was processed:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16238	Range	0:00 - 23:55
99	.S	Skip Rule Followed
28		Missing

<i>BIOA32</i>		<i>32. Urine processor's code #:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**Neurocognitive Assessment: FORM CODE=NEE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

NEEA0A		0a. Date of form completion:
N	Value	Description
9681	Range	03/04/2008 - 07/29/2011
9		Missing

NEEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

### PART A: SIX ITEM SCREENER

NEEA1		1. Number of presentations necessary for the participant to repeat the words:
N	Value	Description
9284	1	1 Presentation
343	2	2 Presentations
25	3	3 Presentations
4	4	Incorrect
6	5	Not Attempted/Disability
5	6	Not Attempted/Refusal
1	Q	DK/Refuse
22		Missing

NEEA2		2. What year is this?
N	Value	Description
9366	1	Correct
273	2	Incorrect
17	3	Not Attempted/Disability
8	4	Not Attempted/Refusal
1	Q	DK/Refuse
25		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

NEEA3		3. What month is this?
N	Value	Description
9318	1	Correct
325	2	Incorrect
18	3	Not Attempted/Disability
6	4	Not Attempted/Refusal
1	Q	DK/Refuse
22		Missing

NEEA4		4. What is the day of the week?
N	Value	Description
9108	1	Correct
537	2	Incorrect
13	3	Not Attempted/Disability
8	4	Not Attempted/Refusal
1	Q	DK/Refuse
23		Missing

NEEA5		5. Blue
N	Value	Description
8931	1	Correct
493	2	Incorrect
164	3	Not Attempted/Disability
78	4	Not Attempted/Refusal
1	Q	DK/Refuse
23		Missing

NEEA6		6. Pear
N	Value	Description
8181	1	Correct
1036	2	Incorrect
273	3	Not Attempted/Disability
177	4	Not Attempted/Refusal
1	Q	DK/Refuse
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

NEEA7		7. Sofa
N	Value	Description
6128	1	Correct
2519	2	Incorrect
566	3	Not Attempted/Disability
454	4	Not Attempted/Refusal
1	Q	DK/Refuse
22		Missing

### PART B: SEVLT

#### Words Recalled from Part B:

NEEA8		8. (Trial 1):
N	Value	Description
9631	Range	0 - 15 ( median=5 mean=5.1 std=1.8 )
59		Missing

NEEA9		9. (Trial 2):
N	Value	Description
9620	Range	0 - 15 ( median=8 mean=8.0 std=2.3 )
70		Missing

NEEA10		10. (Trial 3):
N	Value	Description
9608	Range	0 - 15 ( median=10 mean=9.5 std=2.4 )
82		Missing

NEEA11		11. (Trial 5):
N	Value	Description
9523	Range	0 - 15 ( median=8 mean=8.3 std=2.8 )
167		Missing

### PART C: WORD FLUENCY

#### Words Produced on Part C:

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

NEEA12		12. Letter F:
N	Value	Description
9485	Range	0 - 28 ( median=9 mean=9.1 std=4.0 )
205		Missing

NEEA13		13. Letter A:
N	Value	Description
9489	Range	0 - 26 ( median=9 mean=9.0 std=4.0 )
201		Missing

### PART D: DIGIT SYMBOL SUBSTITUTION

NEEA14		14. Total Correct Symbols on Part D:
N	Value	Description
9367	Range	0 - 83 ( median=33 mean=33.8 std=13.5 )
323		Missing

NEEA15		15. What language were tests administered in?
N	Value	Description
1257	1	English
8394	2	Spanish
39		Missing

NEEA16A		16a. Were any of the cognitive function tests discontinued (from Parts B, C, or D)?
N	Value	Description
9150	0	No
510	1	Yes
30		Missing

### 16b. Which test(s) was discontinued?

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

NEEA16B1		16b.1. SEVLT
N	Value	Description
357	0	No
139	1	Yes
9150	.S	Skip Rule Followed
44		Missing

NEEA16B2		16b.2. Word Fluency
N	Value	Description
292	0	No
209	1	Yes
9150	.S	Skip Rule Followed
39		Missing

NEEA16B3		16b.3. Digit Symbol Substitution
N	Value	Description
198	0	No
307	1	Yes
9150	.S	Skip Rule Followed
35		Missing

**16c. If yes, test(s) discontinued due to (record the appropriate letter for each test that was discontinued)**

NEEA16C1		16c1. Reason for discontinued SEVLT
N	Value	Description
51	1	Refusal
85	2	Task difficulty
3	3	Impairment (Visual, Hearing, Limb or Motor Problem)
9507	.S	Skip Rule Followed
44		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

NEEA16C2		16c2. Reason for discontinued Word Fluency
<i>N</i>	<i>Value</i>	<i>Description</i>
55	1	Refusal
143	2	Task difficulty
11	3	Impairment (Visual, Hearing, Limb or Motor Problem)
9442	.S	Skip Rule Followed
39		Missing

NEEA16C3		16c3. Reason for discontinued Digit Symbol Substitution
<i>N</i>	<i>Value</i>	<i>Description</i>
50	1	Refusal
116	2	Task difficulty
143	3	Impairment (Visual, Hearing, Limb or Motor Problem)
9348	.S	Skip Rule Followed
33		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

Otoscopy: FORM CODE=OTO VERSION=A

**Instructions:** Enter “=” if a measurement is permanently missing.

OTOA0A		0a. Date of form completion:
N	Value	Description
15891	Range	03/04/2008 - 06/30/2011
17		Missing

OTOA0B		0b. Staff Examiner ID:
N	Value	Description
		This variable has been removed

#### A. Right Ear Measurements

OTOA1		Otoscopy Done
N	Value	Description
7	0	No [skip to Q.8]
15874	1	Yes
27		Missing

OTOA2		Ear Canal Collapse
N	Value	Description
15574	0	No
279	1	Yes
21	9	Unknown
7	.S	Skip Rule Followed
27		Missing

OTOA3		Drainage
N	Value	Description
15551	0	No
52	1	Yes
271	9	Unknown
7	.S	Skip Rule Followed
27		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

OTOA4		<i>Cerumen</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7045	0	None
6543	1	Some
1278	2	A lot
980	3	Impacted
28	9	Unknown
7	.S	Skip Rule Followed
27		Missing

OTOA5		<i>Eardrum Position</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14260	0	Normal
256	1	Bulging
156	2	Retracted
1202	9	Unknown
7	.S	Skip Rule Followed
27		Missing

OTOA6		<i>Eardrum Vascularity</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12684	0	None
1797	1	Mild
196	2	Considerable
1197	9	Unknown
7	.S	Skip Rule Followed
27		Missing

OTOA7		<i>Perforation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14452	0	No
163	1	Yes
1259	9	Unknown
7	.S	Skip Rule Followed
27		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Procedure Forms

### B. Left Ear Measurements

OTOA8		Otoscopy Done
N	Value	Description
10	0	No [skip to End]
15869	1	Yes
29		Missing

OTOA9		Ear Canal Collapse
N	Value	Description
15613	0	No
236	1	Yes
20	9	Unknown
10	.S	Skip Rule Followed
29		Missing

OTOA10		Drainage
N	Value	Description
15580	0	No
48	1	Yes
241	9	Unknown
10	.S	Skip Rule Followed
29		Missing

OTOA11		Cerumen
N	Value	Description
7160	0	None
6539	1	Some
1352	2	A lot
787	3	Impacted
30	9	Unknown
10	.S	Skip Rule Followed
30		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

OTOA12		Eardrum Position
<i>N</i>	<i>Value</i>	<i>Description</i>
14366	0	Normal
328	1	Bulging
145	2	Retracted
1028	9	Unknown
10	.S	Skip Rule Followed
31		Missing

OTOA13		Eardrum Vascularity
<i>N</i>	<i>Value</i>	<i>Description</i>
12820	0	None
1817	1	Mild
204	2	Considerable
1026	9	Unknown
10	.S	Skip Rule Followed
31		Missing

OTOA14		Perforation
<i>N</i>	<i>Value</i>	<i>Description</i>
14628	0	No
141	1	Yes
1095	9	Unknown
10	.S	Skip Rule Followed
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Oral Health Reading Center

Periodontal Data - Derived: FORM CODE=PER VERSION=A

#### Initial Form (INI) Information

<i>PERA0A</i>		<i>Date of Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
508864	Range	01/06/2008 - 07/12/2011
1888		Missing

<i>PERA0B</i>		<i>Examiner ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>PERA0C</i>		<i>Recorder ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
510336	Present	Variable/Text Values Suppressed
416		Missing

#### Whole Tooth Values

<i>PERAQT</i>		<i>QTS Number for Tooth [1st digit=quadrant (1-4), 2nd digit=tooth (1-8)]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
510752	Present	Variable/Text Values Suppressed

<i>PERARES</i>		<i>Restorative Material Used</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
54124	A	Amalgam
29619	R	Resin
481	G	Gold
1247	O	Other
15721	C	Crown
252177	N	No restoration
422	=	Not assessable
156961		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Oral Health Reading Center

<i>PERASTAT</i>		<i>Tooth Status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
146	1	Primary tooth (deciduous)
349992	2	Permanent tooth
480	3	Implant
81917	E	Missing due to caries or periodontal disease
4521	M	Missing due to trauma or other reason
548	U	Un-erupted or congenitally missing
3091	5	Permanent root tip is present
3522	=	Not assessable
66535		Missing

<i>PERACOT</i>		<i>Existence of Coronal Caries Anywhere on the Tooth or Reason for Missing (for missing teeth)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
103	D	Sound primary (deciduous) tooth
34	K	Primary tooth with surface condition
241963	S	Sound permanent tooth
106113	Z	Permanent tooth with surface condition
2977	J	Permanent root tip is present but no restorative replacement is present
58	T	Permanent root tip is present but a restorative replacement is present
4	U	Unerupted tooth
43190	P	Missing, but replaced by a removable restoration
4672	R	Missing, but replaced by a fixed restoration
35025	V	Missing and not replaced
2538	W	Missing, but no space (<2mm); if there is a missing tooth with no space, but was the result of orthodontic extraction, then 'O' code takes precedence
1426	O	Missing for orthodontic reasons
5497	=	Tooth present, but condition cannot be assessed
67152		Missing

### Individual Site Measures

<i>PERABBU</i>		<i>Bleeding on Probing (BOP) - B, Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
266813	0	No evidence of bleeding
53554	1	Bleeding from probing detected
190385		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Oral Health Reading Center

<i>PERABDB</i>		<i>Bleeding on Probing (BOP) - Disto-buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
211182	0	No evidence of bleeding
104695	1	Bleeding from probing detected
1	Q	DK/Refuse
194874		Missing

<i>PERABDL</i>		<i>Bleeding on Probing (BOP) - Disto-lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
168742	0	No evidence of bleeding
139393	1	Bleeding from probing detected
202617		Missing

<i>PERABLN</i>		<i>Bleeding on Probing (BOP) - Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
229404	0	No evidence of bleeding
87027	1	Bleeding from probing detected
194321		Missing

<i>PERABMB</i>		<i>Bleeding on Probing (BOP) - Mesial Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
215757	0	No evidence of bleeding
99478	1	Bleeding from probing detected
195517		Missing

<i>PERABML</i>		<i>Bleeding on Probing (BOP) - Mesial Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
172319	0	No evidence of bleeding
135266	1	Bleeding from probing detected
203167		Missing

<i>PERACBU</i>		<i>Cemento-Enamel Junction (CEJ) - B, Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
320481	Range	-12 - 12 ( median=1 mean=0.6 std=1.4 )
190271		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

## Section A: Oral Health Reading Center

<i>PERACDB</i>		<i>Cemento-Enamel Junction (CEJ) - Disto-buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
315818	Range	-12 - 10 ( median=2 mean=1.5 std=1.3 )
194934		Missing

<i>PERACDL</i>		<i>Cemento-Enamel Junction (CEJ) - Disto-lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307787	Range	-12 - 12 ( median=2 mean=1.6 std=1.4 )
202965		Missing

<i>PERACLN</i>		<i>Cemento-Enamel Junction (CEJ) - Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
316346	Range	-12 - 12 ( median=1 mean=0.9 std=1.4 )
194406		Missing

<i>PERACMB</i>		<i>Cemento-Enamel Junction (CEJ) - Mesial Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
315105	Range	-11 - 7 ( median=2 mean=1.6 std=1.2 )
195647		Missing

<i>PERACML</i>		<i>Cemento-Enamel Junction (CEJ) - Mesial Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307233	Range	-10 - 7 ( median=2 mean=1.7 std=1.3 )
203519		Missing

<i>PERAPBU</i>		<i>Pocket Depth (PD)- B, Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
320494	Range	0 - 12 ( median=1 mean=1.5 std=0.8 )
190258		Missing

<i>PERAPDB</i>		<i>Pocket Depth (PD)- Disto-buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
315828	Range	0 - 12 ( median=2 mean=2.3 std=1.0 )
194924		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Oral Health Reading Center

<i>PERAPDL</i>		<i>Pocket Depth (PD)- Disto-lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307821	Range	0 - 12 ( median=2 mean=2.4 std=1.1 )
202931		Missing

<i>PERAPLN</i>		<i>Pocket Depth (PD)- Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
316390	Range	0 - 12 ( median=2 mean=1.7 std=0.8 )
194362		Missing

<i>PERAPMB</i>		<i>Pocket Depth (PD)- Mesial Buccal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
315112	Range	0 - 12 ( median=2 mean=2.3 std=0.9 )
195640		Missing

<i>PERAPML</i>		<i>Pocket Depth (PD)- Mesial Lingual</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
307259	Range	0 - 12 ( median=2 mean=2.4 std=1.0 )
203493		Missing

### Coronal Caries

<i>PERAA0</i>		<i>Coronal Caries - A0</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
75177	0	Sound surface
2271	1	Caries
28258	2	Restoration
405046		Missing

<i>PERAA1</i>		<i>Coronal Caries - A1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2728	0	Sound surface
6389	1	Caries
80274	2	Restoration
421361		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Oral Health Reading Center

<i>PERAA2</i>		<i>Coronal Caries - A2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
74992	0	Sound surface
2614	1	Caries
28090	2	Restoration
405056		Missing

<i>PERAA3</i>		<i>Coronal Caries - A3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70606	0	Sound surface
3130	1	Caries
31981	2	Restoration
405035		Missing

<i>PERAA4</i>		<i>Coronal Caries - A4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70268	0	Sound surface
3475	1	Caries
31968	2	Restoration
405041		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

**Sitting Blood Pressure: FORM CODE=SBP VERSION=A**

**Instructions:** Enter results as measured. If measure is unobtainable, enter the special missing value, "=", in the item.

SBPA0A		0a. Date of form completion:
N	Value	Description
16410	Range	03/04/2008 - 06/30/2011
2		Missing

SBPA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Arm measurements

SBPA1		1. Arm used for sitting blood pressure measurement (choose one):
N	Value	Description
13753	1	Right (preferred)
2640	2	Left
12	3	Other (note log)
7		Missing

SBPA2		2. Arm circumference (cm)
N	Value	Description
16374	Range	2 - 85 ( median=31 mean=31.5 std=4.5 )
38		Missing

SBPA3		3. Cuff size: (arm circumference in brackets)
N	Value	Description
251	1	Small (17-22 cm, CS19)
9426	2	Adult (22-32 cm, CR19)
6420	3	Large (32-42 cm, CL19)
290	4	X Large (42-50 cm, CX19)
25		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

SBPA4A_2401		4. Time of day of measurement
N	Value	Description
16396	Range	0:05 - 23:40
16		Missing

### B. Average blood pressure / pulse rate

SBPA5		5. Systolic
N	Value	Description
16401	Range	74 - 232 ( median=119 mean=121.8 std=18.1 )
11		Missing

SBPA6		6. Diastolic
N	Value	Description
16394	Range	39 - 135 ( median=72 mean=73.0 std=11.0 )
18		Missing

SBPA7		7. Pulse
N	Value	Description
16394	Range	37 - 180 ( median=65 mean=65.6 std=9.9 )
18		Missing

### C. First blood pressure / pulse rate

SBPA8		8. Systolic
N	Value	Description
16395	Range	63 - 236 ( median=120 mean=122.9 std=18.7 )
17		Missing

SBPA9		9. Diastolic
N	Value	Description
16387	Range	31 - 590 ( median=73 mean=74.2 std=12.1 )
25		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A

### Section A: Procedure Forms

<i>SBPA10</i>		<i>10. Pulse</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16394	Range	36 - 129 ( median=64 mean=65.2 std=10.0 )
18		Missing

#### D. Second blood pressure / pulse rate

<i>SBPA11</i>		<i>11. Systolic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16394	Range	55 - 239 ( median=119 mean=121.7 std=18.4 )
18		Missing

<i>SBPA12</i>		<i>12. Diastolic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16385	Range	29 - 145 ( median=72 mean=72.7 std=11.3 )
27		Missing

<i>SBPA13</i>		<i>13. Pulse</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16391	Range	36 - 158 ( median=65 mean=65.5 std=9.9 )
21		Missing

#### E. Third blood pressure / pulse rate

<i>SBPA14</i>		<i>14. Systolic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16390	Range	64 - 229 ( median=118 mean=120.8 std=18.1 )
22		Missing

<i>SBPA15</i>		<i>15. Diastolic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16379	Range	32 - 138 ( median=71 mean=72.0 std=11.2 )
33		Missing

**HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section A****Section A: Procedure Forms**

<i>SBPA16</i>		<i>16. Pulse</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16381	Range	31 - 178 ( median=65 mean=66.0 std=10.1 )
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Alcohol Use: FORM CODE=ALE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

ALEA0A		0a. Date of form completion:
N	Value	Description
16354	Range	03/04/2008 - 06/30/2011
4		Missing

ALEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

ALEA1		1. Do you presently drink alcoholic beverages?
N	Value	Description
8601	0	No [skip to Q.7]
7750	1	Yes
7		Missing

ALEA2		2. How many glasses of red wine do you usually have per week?
N	Value	Description
7720	Range	0 - 32 ( median=0 mean=0.5 std=1.7 )
8600	.S	Skip Rule Followed
38		Missing

ALEA3		3. How many glasses of white wine do you usually have per week?
N	Value	Description
7714	Range	0 - 41 ( median=0 mean=0.1 std=0.8 )
8600	.S	Skip Rule Followed
44		Missing

ALEA4		4. How many cans, bottles, or glasses of beer do you usually have per week? (Beer includes more traditional beverages such as pulque and chicha.)
N	Value	Description
7735	Range	0 - 80 ( median=0 mean=3.3 std=6.5 )
8600	.S	Skip Rule Followed
23		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

ALEA5		5. How many drinks of liquor, spirits, or mixed drinks do you usually have per week? (Spirits includes liquor such as whiskey, vodka, tequila, rum, and mixed drinks such as martinis, as well as more traditional beverages such as aguardiente and cañita.)
N	Value	Description
7719	Range	0 - 56 ( median=0 mean=1.0 std=2.9 )
8600	.S	Skip Rule Followed
39		Missing

ALEA6		6. How often do you have 4 or more drinks (for females) and 5 or more drinks (for males) containing any kind of alcohol within a two-hour period?
N	Value	Description
85	1	Every day
69	2	5 to 6 days a week
127	3	3 to 4 days a week
316	4	2 days a week
693	5	1 day a week
649	6	2 to 3 days a month
851	7	1 day a month
1269	8	Less than once a month
3673	9	Never
8	Q	DK/Refused
8600	.S	Skip Rule Followed
18		Missing

ALEA7		7. Did you ever drink alcohol?
N	Value	Description
3210	0	No [skip to End]
5390	1	Yes
7750	.S	Skip Rule Followed
8		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>ALEA8</i>		<i>8. About how long ago did you stop drinking alcohol?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1830	1	Less than 1 year ago
626	2	1-2 years ago
2885	3	More than 2 years ago
19	Q	DK/Refused
10960	.S	Skip Rule Followed
38		Missing

<i>ALEA9</i>		<i>9. Did you stop drinking alcohol for health reasons?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4218	0	No
1142	1	Yes
9	Q	DK/Refused
10960	.S	Skip Rule Followed
29		Missing

<i>ALEA10</i>		<i>10. Did you stop drinking alcohol on the advice of a doctor or health worker?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4924	0	No
431	1	Yes
10	Q	DK/Refused
10960	.S	Skip Rule Followed
33		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Claudication:** FORM CODE=CLE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

CLEA0A		0a. Completion Date:
N	Value	Description
16266	Range	03/04/2008 - 06/30/2011
7		Missing

CLEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

CLEA1		1. Are you age 45 or older?
N	Value	Description
6670	0	No [skip to End]
9593	1	Yes
2	Q	DK/Refuse [skip to End]
8		Missing

CLEA2		2. Do you get pain or discomfort in either leg on walking?
N	Value	Description
5219	0	No [skip to End]
4364	1	Yes
6669	.S	Skip Rule Followed
21		Missing

CLEA2A		2a. In which leg(s)?
N	Value	Description
1086	1	Right leg
1055	2	Left leg [skip to Q.8]
2222	3	Both legs
11888	.S	Skip Rule Followed
22		Missing

#### A. Right Leg

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

CLEA3		3. Does this pain ever begin when you are standing still or sitting?
N	Value	Description
683	0	No
2624	1	Yes
1	Q	DK/Refuse
12943	.S	Skip Rule Followed
22		Missing

CLEA4		4. Does this pain include your calf/calves?
N	Value	Description
1345	0	No
1961	1	Yes
1	Q	DK/Refuse
12943	.S	Skip Rule Followed
23		Missing

CLEA5		5. Do you get it when you walk at an ordinary pace on the level?
N	Value	Description
903	0	No
2399	1	Yes
3	Q	DK/Refuse
12943	.S	Skip Rule Followed
25		Missing

CLEA6		6. What do you do if you get it when you are walking?
N	Value	Description
2381	1	Stop or slow down
893	2	Continue on
7	Q	DK/Refuse
12943	.S	Skip Rule Followed
49		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

CLEA7		7. What happens to the pain if you stand still?
N	Value	Description
1832	1	Lessened or relieved
1425	2	Unchanged
18	Q	DK/Refuse
12943	.S	Skip Rule Followed
55		Missing

#### B. Left Leg

CLEA8		8. Does this pain ever begin when you are standing still or sitting?
N	Value	Description
657	0	No
2618	1	Yes
12974	.S	Skip Rule Followed
24		Missing

CLEA9		9. Does this pain include your calf/calves?
N	Value	Description
1242	0	No
2030	1	Yes
2	Q	DK/Refuse
12974	.S	Skip Rule Followed
25		Missing

CLEA10		10. Do you get it when you walk at an ordinary pace on the level?
N	Value	Description
834	0	No
2436	1	Yes
1	Q	DK/Refuse
12974	.S	Skip Rule Followed
28		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

CLEA11		11. What do you do if you get it when you are walking?
<i>N</i>	<i>Value</i>	<i>Description</i>
2338	1	Stop or slow down
900	2	Continue on
6	Q	DK/Refuse
12974	.S	Skip Rule Followed
55		Missing

CLEA12		12. What happens to the pain if you stand still?
<i>N</i>	<i>Value</i>	<i>Description</i>
1828	1	Lessened or relieved
1395	2	Unchanged
16	Q	DK/Refuse
12974	.S	Skip Rule Followed
60		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Dietary Behavior: FORM CODE=DBE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

<i>DBEA0A</i>		<i>0a. Date of form completion:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16307	Range	03/04/2008 - 07/29/2011
8		Missing

<i>DBEA0B</i>		<i>0b. Staff ID:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>DBEA1</i>		<i>1. Of Hispanic/Latino and American food, do you usually eat:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6988	1	Mainly Hispanic/Latino foods
5407	2	Mostly Hispanic/Latino foods and some American food
3292	3	Equal amounts of both Hispanic/Latino and American foods
502	4	Mostly American foods and some Hispanic/Latino foods
86	5	Mainly American foods
13	Q	DK/Refuse
27		Missing

**2. How often do you or your family usually go out to eat at or bring home ready-to-eat foods from:**

<i>DBEA2A</i>		<i>a. Relatives' or Friends' homes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7263	1	Never
5221	2	Less than once a week
3180	3	One to two times per week
438	4	Three to four times per week
192	5	Five or more times per week
2	Q	DK/Refuse
19		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

DBEA2B		<i>b. Fast food restaurants (including Latino and Chinese food)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4840	1	Never
5732	2	Less than once a week
4547	3	One to two times per week
769	4	Three to four times per week
407	5	Five or more times per week
1	Q	DK/Refuse
19		Missing

DBEA2C		<i>c. Sit down restaurants (with table service)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6081	1	Never
6472	2	Less than once a week
3241	3	One to two times per week
347	4	Three to four times per week
152	5	Five or more times per week
2	Q	DK/Refuse
20		Missing

DBEA2D		<i>d. Buffet restaurants (including Chinese buffet)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8424	1	Never
6445	2	Less than once a week
1286	3	One to two times per week
81	4	Three to four times per week
59	5	Five or more times per week
1	Q	DK/Refuse
19		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

DBEA2E		<i>e. Pick-up-and-take-home restaurants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8234	1	Never
4977	2	Less than once a week
2510	3	One to two times per week
384	4	Three to four times per week
184	5	Five or more times per week
2	Q	DK/Refuse
24		Missing

DBEA2F		<i>f. Grocery stores (hot or cold ready-to-eat food from store)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10845	1	Never
3424	2	Less than once a week
1623	3	One to two times per week
267	4	Three to four times per week
133	5	Five or more times per week
2	Q	DK/Refuse
21		Missing

DBEA2G		<i>g. Cafeterias (school or work)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13281	1	Never
1118	2	Less than once a week
752	3	One to two times per week
371	4	Three to four times per week
766	5	Five or more times per week
1	Q	DK/Refuse
26		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>DBEA2H</i>		<i>h. Vending machines</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14401	1	Never
1187	2	Less than once a week
440	3	One to two times per week
131	4	Three to four times per week
135	5	Five or more times per week
1	Q	DK/Refuse
20		Missing

<i>DBEA2I</i>		<i>i. On-street vendors (including trucks, carts, and wagons)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13470	1	Never
1875	2	Less than once a week
692	3	One to two times per week
121	4	Three to four times per week
136	5	Five or more times per week
1	Q	DK/Refuse
20		Missing

<i>DBEA2J</i>		<i>j. Other (for example quick marts, bakeries, etc.)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8195	1	Never
3846	2	Less than once a week
3247	3	One to two times per week
554	4	Three to four times per week
422	5	Five or more times per week
2	Q	DK/Refuse
49		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Economic: FORM CODE=ECE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

ECEA0A		0a. Date of form completion:
N	Value	Description
16347	Range	03/04/2008 - 06/30/2011
5		Missing

ECEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Assets

ECEA1		1. Is your house, apartment, or mobile home:
N	Value	Description
992	1	Owned by you or someone in the household free and clear-- without a mortgage or loan
3420	2	Owned by you or someone in the household---with a mortgage or loan
11458	3	Rented
422	4	Occupied without payment
36	Q	DK/Refuse
24		Missing

#### B. Annual Household Income

ECEA2		2. Counting the income of all the members of your household, your household income for the year: (Include all money received from all sources)
N	Value	Description
10516	1	Less than \$30,000 [skip to Q.3]
4877	2	\$30,000 or more [skip to Q.4]
715	Q	DK/Refuse
244		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

ECEA3		3. Is that income:
N	Value	Description
2338	1	Less than \$10,000
2778	2	\$10,001-\$15,000
2091	3	\$15,001-\$20,000
1700	4	\$20,001-\$25,000
1236	5	\$25,001-\$29,999
972	Q	DK/Refuse
4877	.S	Skip Rule Followed
360		Missing

ECEA4		4. Is that income:
N	Value	Description
2123	1	\$30,000-\$40,000
1061	2	\$40,001-\$50,000
956	3	\$50,001-\$75,000
368	4	\$75,001-\$100,000
278	5	More than \$100,000
763	Q	DK/Refuse
10516	.S	Skip Rule Followed
287		Missing

ECEA5		5. How many people, including yourself, were supported by this income during the year?
N	Value	Description
16188	Range	0 - 15 ( median=3 mean=3.2 std=1.7 )
164		Missing

### C. SES Ladder

ECEA6		6. Where would you place yourself on this ladder? Please show the step where you think you stand at this time in your life, relative to other people in the United States?
N	Value	Description
16137	Range	0 - 10 ( median=4 mean=4.3 std=1.8 )
215		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Health Care Use - Version A: FORM CODE=HCE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

HCEA0A		0a. Date of form completion:
N	Value	Description
10760	Range	03/04/2008 - 06/29/2011
6		Missing

HCEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

HCEA1		1. In the past 12 months, where did you receive most of your health care?
N	Value	Description
7534	1	In the United States
789	2	My country of origin (if not U.S.)
176	3	In another country
2239	4	Did not receive any care the past 12 months
8	5	Refused
3	Q	DK/Refuse
17		Missing

HCEA2		2. Was there a time in the past 12 months when you needed health care, but could not get it?
N	Value	Description
8946	0	No [skip to Q.5]
1777	1	Yes
8	2	Refused
15	9	Don't know
3	Q	DK/Refuse [skip to Q.5]
17		Missing

3. What reason(s) did you not get medical care in the past 12 months when you needed it?

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA3A		<i>a. You couldn't get through on the telephone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1700	0	No
100	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

HCEA3B		<i>b. You couldn't get an appointment soon enough</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1558	0	No
242	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

HCEA3C		<i>c. Once you get there, you had to wait too long to see the doctor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1567	0	No
232	1	Yes
3	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

HCEA3D		<i>d. The clinic/doctor's office wasn't open when you could get there</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1671	0	No
129	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEA3E</i>		<i>e. You didn't have transportation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1662	0	No
138	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

<i>HCEA3F</i>		<i>f. You had no access to an interpreter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1727	0	No
72	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
19		Missing

<i>HCEA3G</i>		<i>g. You couldn't take time off from work</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1625	0	No
172	1	Yes
4	Q	DK/Refuse
8946	.S	Skip Rule Followed
19		Missing

<i>HCEA3H</i>		<i>h. You were concerned about any legal consequences</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1697	0	No
103	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>HCEA3I</i>		<i>i. You were taking care of someone and could not leave them alone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1683	0	No
117	1	Yes
2	Q	DK/Refuse
8946	.S	Skip Rule Followed
18		Missing

<i>HCEA3J</i>		<i>j. You couldn't afford medical care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
381	0	No <i>[skip to Q.5]</i>
1420	1	Yes
1	Q	DK/Refuse <i>[skip to Q.5]</i>
8946	.S	Skip Rule Followed
18		Missing

**4. During the past 12 months, did you need any of the following, but didn't get it because you couldn't afford it?**

<i>HCEA4A</i>		<i>a. Prescription medications</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
585	0	No
831	1	Yes
3	Q	DK/Refuse
9327	.S	Skip Rule Followed
20		Missing

<i>HCEA4B</i>		<i>b. To go to see a doctor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
180	0	No
1240	1	Yes
1	Q	DK/Refuse
9327	.S	Skip Rule Followed
18		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEA4C</i>		<i>c. Mental health care or counseling</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1176	0	No
242	1	Yes
3	Q	DK/Refuse
9327	.S	Skip Rule Followed
18		Missing

<i>HCEA4D</i>		<i>d. Dental care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
461	0	No
959	1	Yes
1	Q	DK/Refuse
9327	.S	Skip Rule Followed
18		Missing

<i>HCEA4E</i>		<i>e. Eyeglasses</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
762	0	No
657	1	Yes
2	Q	DK/Refuse
9327	.S	Skip Rule Followed
18		Missing

<i>HCEA5</i>		<i>5. During the past 12 months, how many times did you see a physician for your health care?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10710	Range	0 - 99 ( median=2 mean=3.5 std=5.5 )
56		Missing

**6. During the last 12 months, how often did office staff at a doctor's office or clinic**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA6A		<i>a. treat you with courtesy and respect?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
109	1	Never
434	2	Sometimes
880	3	Usually
6348	4	Always
4	Q	DK/Refuse
2962	.S	Skip Rule Followed
29		Missing

HCEA6B		<i>b. be as helpful as you thought they should be?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
233	1	Never
749	2	Sometimes
991	3	Usually
5798	4	Always
4	Q	DK/Refuse
2962	.S	Skip Rule Followed
29		Missing

#### 7. During the last 12 months, how often did doctors or other health providers

HCEA7A		<i>a. listen carefully to you?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
155	1	Never
648	2	Sometimes
987	3	Usually
5984	4	Always
4	Q	DK/Refuse
2962	.S	Skip Rule Followed
26		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA7B		<i>b. explain things in a way you could understand?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
178	1	Never
624	2	Sometimes
900	3	Usually
6070	4	Always
5	Q	DK/Refuse
2962	.S	Skip Rule Followed
27		Missing

HCEA7C		<i>c. show respect for what you had to say?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
132	1	Never
444	2	Sometimes
843	3	Usually
6353	4	Always
4	Q	DK/Refuse
2962	.S	Skip Rule Followed
28		Missing

HCEA7D		<i>d. spend enough time with you?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
303	1	Never
788	2	Sometimes
1025	3	Usually
5657	4	Always
4	Q	DK/Refuse
2962	.S	Skip Rule Followed
27		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA8		8. During the last 12 months, how often did you have a hard time speaking with or understanding a doctor or other health providers because you spoke different languages?
N	Value	Description
6024	1	Never
1154	2	Sometimes
222	3	Usually
361	4	Always
5	Q	DK/Refuse
2962	.S	Skip Rule Followed
38		Missing

HCEA9		9. In the past 12 months have you used a curandero, santero, espiritistas or other alternative care to treat any physical or emotional health concerns?
N	Value	Description
10303	0	No
424	1	Yes
5	2	Refused
10	9	Don't know
1	Q	DK/Refuse
23		Missing

#### 10. What type of health insurance coverage do you currently have?

HCEA10A		a. None, no insurance and currently not covered
N	Value	Description
5656	0	No
5073	1	Yes [skip to Q.11]
3	Q	DK/Refuse
34		Missing

HCEA10B		b. Coverage provided through a current or former employer or labor union (excluding military coverage)
N	Value	Description
3767	0	No
1882	1	Yes
4	Q	DK/Refuse
5073	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEA10C</i>		<i>c. Coverage through an individual plan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4552	0	No
1090	1	Yes
6	Q	DK/Refuse
5073	.S	Skip Rule Followed
45		Missing

<i>HCEA10D</i>		<i>d. Coverage through Medicaid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3546	0	No
2095	1	Yes
7	Q	DK/Refuse
5073	.S	Skip Rule Followed
45		Missing

<i>HCEA10E</i>		<i>e. Coverage through Medicare</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4648	0	No
994	1	Yes
6	Q	DK/Refuse
5073	.S	Skip Rule Followed
45		Missing

<i>HCEA10F</i>		<i>f. Coverage provided through the military (e.g. CHAMPUS or Tri-Care)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5556	0	No
87	1	Yes
4	Q	DK/Refuse
5073	.S	Skip Rule Followed
46		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEA10G</i>		<i>g. Coverage through the Indian Health Services</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5616	0	No
28	1	Yes
4	Q	DK/Refuse
5073	.S	Skip Rule Followed
45		Missing

<i>HCEA10H</i>		<i>h. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4887	0	No
742	1	Yes
6	Q	DK/Refuse
5073	.S	Skip Rule Followed
58		Missing

<i>HCEA10I</i>		<i>i. Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5488	0	No
36	1	Yes
8	Q	DK/Refuse
5073	.S	Skip Rule Followed
161		Missing

<i>HCEA10J</i>		<i>j. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5438	0	No
61	1	Yes
7	Q	DK/Refuse
5073	.S	Skip Rule Followed
187		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA11		11. About how long has it been since you last had health care coverage?
N	Value	Description
450	1	6 months or less
388	2	More than 6 months, but not more than 1 year ago
854	3	More than 1 year, but not more than 3 years ago
1467	4	More than 3 years
1902	5	Never had insurance <i>[skip to End]</i>
8	Q	DK/Refuse
5671	.S	Skip Rule Followed
26		Missing

#### 12. Which of these are reasons you stopped being covered by health insurance?

HCEA12A		a. Person in family with health insurance lost job or changed employers
N	Value	Description
1979	0	No
1176	1	Yes
5	Q	DK/Refuse
7570	.S	Skip Rule Followed
36		Missing

HCEA12B		b. Got divorced or separated/death of spouse or parent
N	Value	Description
3032	0	No
122	1	Yes
6	Q	DK/Refuse
7570	.S	Skip Rule Followed
36		Missing

HCEA12C		c. Became ineligible because of age/left school
N	Value	Description
2912	0	No
247	1	Yes
5	Q	DK/Refuse
7570	.S	Skip Rule Followed
32		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEA12D		<i>d. Employer does not offer coverage or not eligible for coverage</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2628	0	No
528	1	Yes
6	Q	DK/Refuse
7570	.S	Skip Rule Followed
34		Missing

HCEA12E		<i>e. Cost is too high; Insurance company refused coverage</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2497	0	No
661	1	Yes
5	Q	DK/Refuse
7570	.S	Skip Rule Followed
33		Missing

HCEA12F		<i>f. Medicaid/medical plan stopped after pregnancy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2775	0	No
320	1	Yes
9	Q	DK/Refuse
7570	.S	Skip Rule Followed
92		Missing

HCEA12G		<i>g. Lost Medicaid/medical plan because of new job or increase in income</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2974	0	No
182	1	Yes
5	Q	DK/Refuse
7570	.S	Skip Rule Followed
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEA12H</i>		<i>h. Lost Medicaid (other reason not listed above)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2777	0	No
378	1	Yes
6	Q	DK/Refuse
7570	.S	Skip Rule Followed
35		Missing

<i>HCEA12I</i>		<i>i. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2571	0	No
576	1	Yes
5	Q	DK/Refuse
7570	.S	Skip Rule Followed
44		Missing

<i>HCEA12J</i>		<i>j. Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2499	0	No
8	1	Yes
7	Q	DK/Refuse
8145	.S	Skip Rule Followed
107		Missing

<i>HCEA12K</i>		<i>k. Don't Know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2468	0	No
25	1	Yes
6	Q	DK/Refuse
8145	.S	Skip Rule Followed
122		Missing

<i>HCEA12L</i>		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10703	Present	Variable/Text Values Suppressed
63		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Health Care Use - Version B: FORM CODE=HCE VERSION=B

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

HCEB0A		0a. Date of form completion:
N	Value	Description
5363	Range	01/05/2010 - 06/30/2011
2		Missing

HCEB0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

HCEB1		1. In the past 12 months, where did you receive most of your health care?
N	Value	Description
3654	1	In the United States
370	2	My country of origin (if not U.S.)
65	3	In another country
1270	4	Did not receive any care the past 12 months
1	5	Refused
5		Missing

HCEB2		2. Was there a time in the past 12 months when you needed health care, but could not get it?
N	Value	Description
4415	0	No [skip to Q.5]
935	1	Yes
5	2	Refused
7	9	Don't know
3		Missing

3. What reason(s) did you not get medical care in the past 12 months when you needed it?

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEB3A		a. You couldn't get through on the telephone
N	Value	Description
887	0	No
47	1	Yes
4427	.S	Skip Rule Followed
4		Missing

HCEB3B		b. You couldn't get an appointment soon enough
N	Value	Description
827	0	No
107	1	Yes
4427	.S	Skip Rule Followed
4		Missing

HCEB3C		c. Once you get there, you had to wait too long to see the doctor
N	Value	Description
852	0	No
82	1	Yes
4427	.S	Skip Rule Followed
4		Missing

HCEB3D		d. The clinic/doctor's office wasn't open when you could get there
N	Value	Description
888	0	No
46	1	Yes
4427	.S	Skip Rule Followed
4		Missing

HCEB3E		e. You didn't have transportation
N	Value	Description
881	0	No
53	1	Yes
4427	.S	Skip Rule Followed
4		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB3F</i>		<i>f. You had no access to an interpreter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
913	0	No
21	1	Yes
4427	.S	Skip Rule Followed
4		Missing

<i>HCEB3G</i>		<i>g. You couldn't take time off from work</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
861	0	No
71	1	Yes
4427	.S	Skip Rule Followed
6		Missing

<i>HCEB3H</i>		<i>h. You were concerned about any legal consequences</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
889	0	No
45	1	Yes
4427	.S	Skip Rule Followed
4		Missing

<i>HCEB3I</i>		<i>i. You were taking care of someone and could not leave them alone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
894	0	No
40	1	Yes
4427	.S	Skip Rule Followed
4		Missing

<i>HCEB3J</i>		<i>j. You couldn't afford medical care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
141	0	No [skip to Q.5]
793	1	Yes
4427	.S	Skip Rule Followed
4		Missing

4. During the past 12 months, did you need any of the following, but didn't get it because you couldn't afford it?

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB4A</i>		<i>a. Prescription medications</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
314	0	No
479	1	Yes
1	Q	DK/Refuse
4568	.S	Skip Rule Followed
3		Missing

<i>HCEB4B</i>		<i>b. To go to see a doctor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
77	0	No
717	1	Yes
4568	.S	Skip Rule Followed
3		Missing

<i>HCEB4C</i>		<i>c. Mental health care or counseling</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
628	0	No
162	1	Yes
1	Q	DK/Refuse
4568	.S	Skip Rule Followed
6		Missing

<i>HCEB4D</i>		<i>d. Dental care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
252	0	No
541	1	Yes
4568	.S	Skip Rule Followed
4		Missing

<i>HCEB4E</i>		<i>e. Eyeglasses</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
380	0	No
413	1	Yes
4568	.S	Skip Rule Followed
4		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB5</i>		<i>5. During the past 12 months, how many times did you see a physician for your health care?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5335	Range	0 - 99 ( median=2 mean=3.6 std=6.5 )
30		Missing

#### 6. During the last 12 months, how often did office staff at a doctor's office or clinic

<i>HCEB6A</i>		<i>a. treat you with courtesy and respect?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
53	1	Never
229	2	Sometimes
421	3	Usually
3104	4	Always
1540	.S	Skip Rule Followed
18		Missing

<i>HCEB6B</i>		<i>b. be as helpful as you thought they should be?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
90	1	Never
401	2	Sometimes
472	3	Usually
2844	4	Always
1540	.S	Skip Rule Followed
18		Missing

#### 7. During the last 12 months, how often did doctors or other health providers

<i>HCEB7A</i>		<i>a. listen carefully to you?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
62	1	Never
338	2	Sometimes
464	3	Usually
2945	4	Always
1	Q	DK/Refuse
1540	.S	Skip Rule Followed
15		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB7B</i>		<i>b. explain things in a way you could understand?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
87	1	Never
306	2	Sometimes
415	3	Usually
3001	4	Always
1	Q	DK/Refuse
1540	.S	Skip Rule Followed
15		Missing

<i>HCEB7C</i>		<i>c. show respect for what you had to say?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
60	1	Never
231	2	Sometimes
371	3	Usually
3147	4	Always
1	Q	DK/Refuse
1540	.S	Skip Rule Followed
15		Missing

<i>HCEB7D</i>		<i>d. spend enough time with you?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
121	1	Never
416	2	Sometimes
449	3	Usually
2822	4	Always
1	Q	DK/Refuse
1540	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB8</i>		<i>8. During the last 12 months, how often did you have a hard time speaking with or understanding a doctor or other health providers because you spoke different languages?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2912	1	Never
559	2	Sometimes
121	3	Usually
220	4	Always
1	Q	DK/Refuse
1540	.S	Skip Rule Followed
12		Missing

<i>HCEB9</i>		<i>9. In the past 12 months have you used a curandero, santero, espiritistas or other alternative care to treat any physical or emotional health concerns?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5167	0	No
186	1	Yes
2	2	Refused
4	9	Don't know
6		Missing

**10. The next questions are about health insurance.**

<i>HCEB10A</i>		<i>a. Do you have health insurance or other health care coverage?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2847	0	No <i>[skip to Q. 11]</i>
2505	1	Yes
6	Q	DK/Refuse
7		Missing

**What kind of health insurance or health care coverage do you have?**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB10B</i>		<i>b. Coverage provided through a current or former employer or labor union (excluding military coverage)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1655	0	No
851	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
11		Missing

<i>HCEB10C</i>		<i>c. Coverage through an individual plan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2151	0	No
356	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
10		Missing

<i>HCEB10D</i>		<i>d. Coverage through Medicaid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1381	0	No
1126	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
10		Missing

<i>HCEB10E</i>		<i>e. Coverage through Medicare</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2038	0	No
469	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
10		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

<i>HCEB10F</i>		<i>f. Coverage provided through the military (e.g. CHAMPUS or Tri-Care)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2486	0	No
21	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
10		Missing

<i>HCEB10G</i>		<i>g. Coverage through the Indian Health Services</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2499	0	No
8	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
10		Missing

<i>HCEB10H</i>		<i>h. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2261	0	No
240	1	Yes
1	Q	DK/Refuse
2847	.S	Skip Rule Followed
16		Missing

<i>HCEB10I</i>		<i>i. Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
27	0	No
3	1	Yes
1	Q	DK/Refuse
5322	.S	Skip Rule Followed
12		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HCEB10J		<i>j. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	0	No
8	1	Yes
1	Q	DK/Refuse
5325	.S	Skip Rule Followed
13		Missing

HCEB11		<i>11. About how long has it been since you last had health care coverage?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
222	1	6 months or less
172	2	More than 6 months, but not more than 1 year ago
492	3	More than 1 year, but not more than 3 years ago
861	4	More than 3 years
1098	5	Never had insurance <i>[skip to End]</i>
5	Q	DK/Refuse
2505	.S	Skip Rule Followed
10		Missing

#### 12. Which of these are reasons you stopped being covered by health insurance?

HCEB12A		<i>a. Person in family with health insurance lost job or changed employers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
988	0	No
763	1	Yes
3603	.S	Skip Rule Followed
11		Missing

HCEB12B		<i>b. Got divorced or separated/death of spouse or parent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1672	0	No
79	1	Yes
3603	.S	Skip Rule Followed
11		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HCEB12C</i>		<i>c. Became ineligible because of age/left school</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1645	0	No
106	1	Yes
3603	.S	Skip Rule Followed
11		Missing

<i>HCEB12D</i>		<i>d. Employer does not offer coverage or not eligible for coverage</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1518	0	No
232	1	Yes
3603	.S	Skip Rule Followed
12		Missing

<i>HCEB12E</i>		<i>e. Cost is too high; Insurance company refused coverage</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1332	0	No
418	1	Yes
3603	.S	Skip Rule Followed
12		Missing

<i>HCEB12F</i>		<i>f. Medicaid/medical plan stopped after pregnancy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1548	0	No
177	1	Yes
3603	.S	Skip Rule Followed
37		Missing

<i>HCEB12G</i>		<i>g. Lost Medicaid/medical plan because of new job or increase in income</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1661	0	No
90	1	Yes
3603	.S	Skip Rule Followed
11		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

HCEB12H		<i>h. Lost Medicaid (other reason not listed above)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1475	0	No
276	1	Yes
3603	.S	Skip Rule Followed
11		Missing

HCEB12I		<i>i. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1541	0	No
209	1	Yes
3603	.S	Skip Rule Followed
12		Missing

HCEB12I1		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5352	Present	Variable/Text Values Suppressed
13		Missing

HCEB12J		<i>j. Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	0	No
2	1	Yes
5323	.S	Skip Rule Followed
11		Missing

HCEB12K		<i>k. Don't Know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13	0	No
15	1	Yes
5325	.S	Skip Rule Followed
12		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Hearing Exam: FORM CODE=HEE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

HEEA0A		0a. Date of form completion:
N	Value	Description
15912	Range	03/04/2008 - 06/30/2011
7		Missing

HEEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Self Assessed Hearing Loss

HEEA1		1. Do you feel you have a hearing loss?
N	Value	Description
11892	0	No [skip to Q.5]
3664	1	Yes
337	9	Don't Know/Refused [skip to Q.5]
1	Q	DK/Refuse [skip to Q.5]
25		Missing

HEEA2		2. Which is your better ear?
N	Value	Description
991	1	Left
1196	2	Right
1182	3	No Difference
297	9	Don't Know/Refused
12227	.S	Skip Rule Followed
26		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HEEA3		3. Was your hearing loss sudden or gradual?
N	Value	Description
550	1	Sudden
2996	2	Gradual
116	9	Don't Know/Refused
1	Q	DK/Refuse
12227	.S	Skip Rule Followed
29		Missing

HEEA4		4. How old were you when your hearing loss developed?
N	Value	Description
83	1	Less than 5 years old
343	2	5 to 19 years
428	3	20 to 29 years
575	4	30 to 39 years
972	5	40 to 49 years
780	6	50 to 59 years
367	7	60 to 69 years
45	8	70 years or more
72	9	Don't know/refused
12227	.S	Skip Rule Followed
27		Missing

#### B. Tinnitus

HEEA5		5. In the past year have you had buzzing, ringing, or noise in your ears?
N	Value	Description
10128	0	No [skip to Q. 10]
5742	1	Yes
24	9	Don't Know/Refused [skip to Q. 10]
25		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HEEA6		6. Does this noise usually last longer than 5 minutes?
N	Value	Description
3807	0	No
1870	1	Yes
65	9	Don't Know/Refused
10152	.S	Skip Rule Followed
25		Missing

HEEA7		7. Do you hear this noise only following very loud sounds (i.e. concerts, shooting, or noise at work)?
N	Value	Description
4272	0	No
1345	1	Yes
125	9	Don't Know/Refused
10152	.S	Skip Rule Followed
25		Missing

HEEA8		8. Does this noise cause you to have problems getting to sleep?
N	Value	Description
4774	0	No
951	1	Yes
17	9	Don't Know/Refused
10152	.S	Skip Rule Followed
25		Missing

HEEA9		9. In the past 12 months, how often have you had this ringing, roaring, or buzzing in your ears or head?
N	Value	Description
770	1	Almost always
455	2	At least once a day
1041	3	At least once a week
1388	4	At least once a month
1901	5	Less than once a month
187	9	Don't know/refused
10152	.S	Skip Rule Followed
25		Missing

### C. Hearing Medical History

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HEEA10		10. When was the last time you saw a doctor or other health care professional about any hearing or ear problems?
N	Value	Description
8822	0	Never
1899	1	Past year
1091	2	1 to 2 years
967	3	3 to 4 years
1103	4	5 to 9 years
762	5	10 to 14 years
1092	6	15 years or more
154	9	Don't know/refused
29		Missing

HEEA11		11. When was the last time you had your hearing tested?
N	Value	Description
9170	0	Never
1115	1	Past year
888	2	1 to 2 years
926	3	3 to 4 years
1280	4	5 to 9 years
864	5	10 to 14 years
1347	6	15 years or more
303	9	Don't know/refused
26		Missing

HEEA12		12. Have you ever had surgery on your ears?
N	Value	Description
15680	0	No [skip to Q. 14]
211	1	Yes
3	9	Don't Know/Refused [skip to Q. 14]
25		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

HEEA13		13. What type of surgery was done?
N	Value	Description
64	1	Tympanoplasty
12	2	Mastoidectomy
4	3	Stapedectomy
9	4	Cochlear implant
108	5	Other
11	Q	DK/Refuse
15683	.S	Skip Rule Followed
28		Missing

HEEA14		14. Have you ever had tubes in your ears?
N	Value	Description
15774	0	No [skip to Q. 16]
108	1	Yes
11	9	Don't Know/Refused [skip to Q. 16]
1	Q	DK/Refuse [skip to Q. 16]
25		Missing

HEEA15		15. Do you have tubes in now?
N	Value	Description
80	0	No
5	1	Yes, on right
8	2	Yes, on left
10	4	Yes, both sides
6	9	Don't know/refused
15785	.S	Skip Rule Followed
25		Missing

HEEA16		16. Have you ever had an acoustic neuroma?
N	Value	Description
15863	0	No
8	1	Yes
21	9	Don't Know/Refused
27		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HEEA17		17. Have you ever had a cholesteatoma?
N	Value	Description
15854	0	No
15	1	Yes
23	9	Don't Know/Refused
27		Missing

HEEA18		18. Has a doctor ever told you that you have Meniere's Disease?
N	Value	Description
15803	0	No
70	1	Yes
17	9	Don't Know/Refused
29		Missing

HEEA19		19. Has a doctor ever told you that you have otosclerosis?
N	Value	Description
15863	0	No
13	1	Yes
16	9	Don't Know/Refused
27		Missing

HEEA20		20. Have you had a cold, sinus problem, or earache in the last 24 hrs?
N	Value	Description
14599	0	No
1286	1	Yes
7	9	Don't Know/Refused
27		Missing

HEEA21		21. Have you been exposed to loud music or listened to music with headphones in the past 24 hours?
N	Value	Description
13697	0	No
2192	1	Yes
4	9	Don't Know/Refused
26		Missing

**HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B****Section B: Questionnaire Forms**

HEEA22		22. Have you been exposed to any other loud noise in the past 24 hours?
N	Value	Description
14740	0	No
1138	1	Yes
3	9	Don't Know/Refused
38		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Hearing History: FORM CODE=HHE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

HHEA0A		0a. Date of form completion:
N	Value	Description
16081	Range	03/04/2008 - 06/30/2011
13		Missing

HHEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

HHEA1		1. Which statement best describes your hearing (without a hearing aid)?
N	Value	Description
3971	0	Excellent
8142	1	Good
2426	2	Have a little trouble
1243	3	Have moderate trouble
263	4	Have a lot of trouble
18	5	Deaf
4	Q	DK/Refuse
27		Missing

HHEA2		2. Are you age 65, or older?
N	Value	Description
14727	0	No
1301	1	Yes [skip to Q.13]
66		Missing

#### A. Hearing Loss in Participants Younger than Age 65

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>HHEA3</i>		<i>3. Does a hearing problem cause you to feel embarrassed when meeting new people?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13590	0	No
642	1	Sometimes
434	2	Yes
6	Q	DK/Refuse
1301	.S	Skip Rule Followed
121		Missing

<i>HHEA4</i>		<i>4. Does a hearing problem cause you to feel frustrated when talking to members of your family?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13376	0	No
743	1	Sometimes
547	2	Yes
6	Q	DK/Refuse
1301	.S	Skip Rule Followed
121		Missing

<i>HHEA5</i>		<i>5. Does a hearing problem cause you difficulty hearing/understanding coworkers, clients, or customers?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12589	0	No
1345	1	Sometimes
711	2	Yes
8	Q	DK/Refuse
1301	.S	Skip Rule Followed
140		Missing

<i>HHEA6</i>		<i>6. Do you feel handicapped by a hearing problem?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14154	0	No
285	1	Sometimes
225	2	Yes
7	Q	DK/Refuse
1301	.S	Skip Rule Followed
122		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>HHEA7</i>		<i>7. Does a hearing problem cause you difficulty when visiting friends, relatives, or neighbors?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13683	0	No
592	1	Sometimes
388	2	Yes
6	Q	DK/Refuse
1301	.S	Skip Rule Followed
124		Missing

<i>HHEA8</i>		<i>8. Does a hearing problem cause you difficulty in the movies or theater?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13902	0	No
412	1	Sometimes
338	2	Yes
7	Q	DK/Refuse
1301	.S	Skip Rule Followed
134		Missing

<i>HHEA9</i>		<i>9. Does a hearing problem cause you to have arguments with family members?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13635	0	No
564	1	Sometimes
465	2	Yes
6	Q	DK/Refuse
1301	.S	Skip Rule Followed
123		Missing

<i>HHEA10</i>		<i>10. Does a hearing problem cause you difficulty when listening to TV or radio?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12844	0	No
1026	1	Sometimes
794	2	Yes
6	Q	DK/Refuse
1301	.S	Skip Rule Followed
123		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HHEA11		11. Do you feel that any difficulty with your hearing limits or hampers your personal or social life?
N	Value	Description
13842	0	No
441	1	Sometimes
380	2	Yes
7	Q	DK/Refuse
1301	.S	Skip Rule Followed
123		Missing

HHEA12		12. Does a hearing problem cause you difficulty when in a restaurant with relatives or friends?
N	Value	Description
13605	0	No [skip to Q.23]
609	1	Sometimes [skip to Q.23]
438	2	Yes [skip to Q.23]
6	Q	DK/Refuse [skip to Q.23]
1301	.S	Skip Rule Followed
135		Missing

### B. Hearing Loss in Participants Age 65 and Older

HHEA13		13. Does a hearing problem cause you to feel embarrassed when meeting new people?
N	Value	Description
1128	0	No
108	1	Sometimes
74	2	Yes
3	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HHEA14		14. Does a hearing problem cause you to feel frustrated when talking to members of your family?
N	Value	Description
1106	0	No
114	1	Sometimes
90	2	Yes
3	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA15		15. Do you have difficulty hearing when someone speaks in a whisper?
N	Value	Description
827	0	No
256	1	Sometimes
227	2	Yes
3	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA16		16. Do you feel handicapped by a hearing problem?
N	Value	Description
1185	0	No
67	1	Sometimes
59	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA17		17. Does a hearing problem cause you difficulty when visiting friends, relatives, or neighbors?
N	Value	Description
1143	0	No
92	1	Sometimes
76	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

HHEA18		18. Does a hearing problem cause you to attend religious services less often than you would like?
N	Value	Description
1211	0	No
41	1	Sometimes
59	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA19		19. Does a hearing problem cause you to have arguments with family members?
N	Value	Description
1160	0	No
93	1	Sometimes
58	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA20		20. Does a hearing problem cause you difficulty when listening to TV or radio?
N	Value	Description
1018	0	No
174	1	Sometimes
119	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
54		Missing

HHEA21		21. Do you feel that any difficulty with your hearing limits or hampers your personal or social life?
N	Value	Description
1179	0	No
65	1	Sometimes
68	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
53		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HHEA22		22. Does a hearing problem cause you difficulty when in a restaurant with relatives or friends?
N	Value	Description
1148	0	No
80	1	Sometimes
84	2	Yes
2	Q	DK/Refuse
14727	.S	Skip Rule Followed
53		Missing

### C. Hearing Aid Use

HHEA23		23. Have you ever worn a hearing aid?
N	Value	Description
15893	0	No [skip to Q.27]
149	1	Yes
4	9	Don't Know/Refused [skip to Q.27]
48		Missing

HHEA24		24. In the past 12 months, have you worn a hearing aid?
N	Value	Description
71	0	No [skip to Q.27]
79	1	Yes
15897	.S	Skip Rule Followed
47		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

HHEA25		25. How long have you used a hearing aid?
N	Value	Description
15	1	Less than 6 weeks
14	2	6 weeks to 11 months
17	3	1 to 2 years
10	4	3 to 4 years
9	5	5 to 9 years
6	6	10 to 14 years
7	7	15 years or more
1	9	Don't know/refused
15968	.S	Skip Rule Followed
47		Missing

HHEA26		26. In the past 12 months how often did you use a hearing aid?
N	Value	Description
39	1	Always
7	2	Usually
7	3	About half the time
23	4	Seldom
3	5	Never
1	9	Don't know/refused
15968	.S	Skip Rule Followed
46		Missing

**D. Noise Exposure**

HHEA27		27. Have you ever served in the military?
N	Value	Description
14538	0	No [skip to Q.30]
1521	1	Yes
3	9	Don't Know/Refused [skip to Q.30]
32		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HHEA28		28. How long did you serve?
N	Value	Description
639	1	Less than 2 years
659	2	2 to 5 years
221	3	More than 5 years
2	9	Don't know/refused
14541	.S	Skip Rule Followed
32		Missing

HHEA29		29. Did you ever use hearing protection during your service?
N	Value	Description
1055	0	No
464	1	Yes
2	9	Don't Know/Refused
14541	.S	Skip Rule Followed
32		Missing

HHEA30		30. Have you ever fired a gun (not in military)?
N	Value	Description
12376	0	No [skip to Q.32]
3685	1	Yes
2	9	Don't Know/Refused [skip to Q.32]
31		Missing

HHEA31		31. In the past year, how many days have you fired a gun?
N	Value	Description
3037	1	None
311	2	1 to 5 days
37	3	6 to 10 days
275	4	More than 10 days
25	9	Don't know/refused
12378	.S	Skip Rule Followed
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

HHEA32		32. Outside of work have you ever been exposed to loud noise, such as noise from power tools or loud music for an average of at least once a month for a year?
N	Value	Description
9121	0	No [skip to Q.34]
6925	1	Yes
16	9	Don't Know/Refused [skip to Q.34]
1	Q	DK/Refuse [skip to Q.34]
31		Missing

HHEA33		33. Have you ever worn hearing protection devices when exposed to these loud noises?
N	Value	Description
4990	0	No
1934	1	Yes
1	9	Don't Know/Refused
9137	.S	Skip Rule Followed
32		Missing

HHEA34		34. Did you listen to a personal music system (iPod, MP3, or CD) using earphones in the last 7 days?
N	Value	Description
12514	0	No [skip to End]
3541	1	Yes
39		Missing

HHEA35		35. Approximately how many hours did you spend listening to your personal system in the past week?
N	Value	Description
808	1	Less than 1 hour
1059	2	1 to 2 hours
577	3	3 to 4 hours
435	4	5 to 7 hours
137	5	8 to 9 hours
519	6	10 or more hours
3	Q	DK/Refuse
12514	.S	Skip Rule Followed
42		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Medical History: FORM CODE=MHE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

MHEA0A		0a. Date of form completion:
N	Value	Description
16345	Range	03/04/2008 - 06/30/2011
7		Missing

MHEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

MHEA1		1. Has a doctor ever said that you have high blood pressure or hypertension?
N	Value	Description
11342	0	No
4994	1	Yes
3	Q	DK/Refuse
13		Missing

MHEA1A		1a. Was this during pregnancy only?
N	Value	Description
3483	0	No [skip to Q.2]
316	1	Yes
20	Q	DK/Refuse
11342	.S	Skip Rule Followed
1191		Missing

Has a doctor ever said that these relatives had high blood pressure or hypertension?

MHEA1B		1b. Mother
N	Value	Description
9777	0	No/DK
6461	1	Yes
86	Q	DK/Refuse
28		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

MHEA1C		1c. Father
N	Value	Description
12483	0	No/DK
3662	1	Yes
172	Q	DK/Refuse
35		Missing

MHEA1D		1d. Brother(s) or sister(s)
N	Value	Description
12924	0	No/DK
3234	1	Yes
93	Q	DK/Refuse
101		Missing

MHEA2		2. Has a doctor ever said that you have high blood cholesterol?
N	Value	Description
10490	0	No
5835	1	Yes
7	Q	DK/Refuse
20		Missing

Has a doctor ever said that these relatives had high blood cholesterol?

MHEA2A		2a. Mother
N	Value	Description
12176	0	No/DK
3981	1	Yes
158	Q	DK/Refuse
37		Missing

MHEA2B		2b. Father
N	Value	Description
13638	0	No/DK
2427	1	Yes
240	Q	DK/Refuse
47		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA2C</i>		<i>2c. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13189	0	No/DK
2909	1	Yes
148	Q	DK/Refuse
106		Missing

<i>MHEA3</i>		<i>3. Has a doctor ever said that you have angina?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15902	0	No [ <i>skip to Q.3b</i> ]
431	1	Yes
2	Q	DK/Refuse [ <i>skip to Q.3b</i> ]
17		Missing

<i>MHEA3A</i>		<i>3a. At what age were you first told this?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
415	Range	1 - 74 ( median=45 mean=42.3 std=15.0 )
15902	.S	Skip Rule Followed
35		Missing

**Has a doctor ever said that these relatives had angina?**

<i>MHEA3B</i>		<i>3b. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15177	0	No/DK
1026	1	Yes
121	Q	DK/Refuse
28		Missing

<i>MHEA3C</i>		<i>3c. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15431	0	No/DK
721	1	Yes
166	Q	DK/Refuse
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA3D</i>		<i>3d. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15704	0	No/DK
435	1	Yes
111	Q	DK/Refuse
102		Missing

<i>MHEA4</i>		<i>4. Has a doctor ever said that you had a heart attack?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15946	0	No [skip to Q.4b]
387	1	Yes
2	Q	DK/Refuse [skip to Q.4b]
17		Missing

<i>MHEA4A</i>		<i>4a. At what age were you first told this?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
383	Range	1 - 72 ( median=48 mean=47.0 std=12.9 )
15946	.S	Skip Rule Followed
23		Missing

**Has a doctor ever said that these relatives had a heart attack?**

<i>MHEA4B1</i>		<i>4b. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14475	0	No/DK
1806	1	Yes
44	Q	DK/Refuse
27		Missing

<i>MHEA4B2</i>		<i>Age:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1715	Range	1 - 99 ( median=65 mean=63.9 std=14.2 )
14475	.S	Skip Rule Followed
162		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MHEA4C1</i>		<i>4c. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13828	0	No/DK
2396	1	Yes
94	Q	DK/Refuse
34		Missing

<i>MHEA4C2</i>		<i>Age:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2289	Range	0 - 99 ( median=65 mean=64.5 std=13.5 )
13828	.S	Skip Rule Followed
235		Missing

<i>MHEA4D1</i>		<i>4d. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15299	0	No/DK
907	1	Yes
44	Q	DK/Refuse
102		Missing

<i>MHEA4D2</i>		<i>Age:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
869	Range	5 - 99 ( median=51 mean=50.3 std=13.6 )
15299	.S	Skip Rule Followed
184		Missing

<i>MHEA5</i>		<i>5. Has a doctor ever said that you had heart failure?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16008	0	No
309	1	Yes
10	Q	DK/Refuse
25		Missing

**Has a doctor ever said that these relatives had heart failure?**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA5A		5a. Mother
N	Value	Description
14788	0	No
1471	1	Yes
65	Q	DK/Refuse
28		Missing

MHEA5B		5b. Father
N	Value	Description
14784	0	No
1407	1	Yes
126	Q	DK/Refuse
35		Missing

MHEA5C		5c. Brother(s) or sister(s)
N	Value	Description
15513	0	No
669	1	Yes
69	Q	DK/Refuse
101		Missing

MHEA6		6. Has a doctor ever said that you had rheumatic heart disease?
N	Value	Description
16231	0	No
95	1	Yes
5	Q	DK/Refuse
21		Missing

Has a doctor ever said that these relatives had rheumatic heart disease?

MHEA6A		6a. Mother
N	Value	Description
15943	0	No/DK
290	1	Yes
88	Q	DK/Refuse
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA6B</i>		<i>6b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15951	0	No/DK
229	1	Yes
138	Q	DK/Refuse
34		Missing

<i>MHEA6C</i>		<i>6c. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15962	0	No/DK
207	1	Yes
81	Q	DK/Refuse
102		Missing

<i>MHEA7</i>		<i>7. Has a doctor ever told you that you had atrial fibrillation?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16175	0	No
144	1	Yes
10	Q	DK/Refuse
23		Missing

<i>MHEA8</i>		<i>8. Has a doctor ever said that you had some other kind of heart problem?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15463	0	No <i>[skip to Q.9]</i>
863	1	Yes
4	Q	DK/Refuse <i>[skip to Q.9]</i>
22		Missing

<i>MHEA8A</i>		<i>If yes, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16330	Present	Variable/Text Values Suppressed
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MHEA9</i>		<i>9. Have you had a balloon angioplasty, a stent, or bypass surgery to the arteries in your heart to improve the blood flow to your heart?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16032	0	No
297	1	Yes
2	Q	DK/Refuse
21		Missing

**Have these relatives had a balloon angioplasty or bypass surgery to the arteries in their heart to improve the blood flow to the heart?**

<i>MHEA9A</i>		<i>9a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15659	0	No/DK
595	1	Yes
68	Q	DK/Refuse
30		Missing

<i>MHEA9B</i>		<i>9b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15593	0	No/DK
601	1	Yes
123	Q	DK/Refuse
35		Missing

<i>MHEA9C</i>		<i>9c. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15787	0	No/DK
401	1	Yes
62	Q	DK/Refuse
102		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA10		10. Has a doctor ever said that you had a stroke?
N	Value	Description
16074	0	No
252	1	Yes
2	Q	DK/Refuse
24		Missing

**Has a doctor ever said that these relatives had a stroke?**

MHEA10A		10a. Mother
N	Value	Description
15061	0	No/DK
1211	1	Yes
51	Q	DK/Refuse
29		Missing

MHEA10B		10b. Father
N	Value	Description
15137	0	No/DK
1081	1	Yes
100	Q	DK/Refuse
34		Missing

MHEA10C		10c. Brother(s) or sister(s)
N	Value	Description
15745	0	No/DK
454	1	Yes
53	Q	DK/Refuse
100		Missing

MHEA11		11. Has a doctor ever said that you had a mini-stroke or TIA (transient ischemic attack)?
N	Value	Description
16094	0	No
231	1	Yes
7	Q	DK/Refuse
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA12</i>		<i>12. Have you had a balloon angioplasty or surgery to the arteries of your neck to prevent or correct a stroke?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16299	0	No
30	1	Yes
2	Q	DK/Refuse
21		Missing

<i>MHEA13</i>		<i>13. Has a doctor ever said that you have an aortic aneurysm, an AAA, or ballooning of your aorta?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16286	0	No
36	1	Yes
8	Q	DK/Refuse
22		Missing

**Has a doctor ever said that these relatives had an aortic aneurysm, an AAA, or ballooning of their aorta?**

<i>MHEA13A</i>		<i>13a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16074	0	DK/No
173	1	Yes
72	Q	DK/Refuse
33		Missing

<i>MHEA13B</i>		<i>13b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16053	0	DK/No
143	1	Yes
119	Q	DK/Refuse
37		Missing

<i>MHEA13C</i>		<i>13c. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16092	0	DK/No
91	1	Yes
66	Q	DK/Refuse
103		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA14</i>		<i>14. Has a doctor ever said that you have peripheral arterial disease (problems with circulation, blocked arteries to the legs)?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15462	0	No <i>[skip to Q. 15a]</i>
849	1	Yes
6	Q	DK/Refuse <i>[skip to Q. 15a]</i>
35		Missing

<i>MHEA15</i>		<i>15. Have you had an operation, a balloon angioplasty, a stent, or an amputation for this condition?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
811	0	No
56	1	Yes
1	Q	DK/Refuse
15462	.S	Skip Rule Followed
22		Missing

**Has a doctor ever said that these relatives had peripheral arterial disease?**

<i>MHEA15A</i>		<i>15a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15045	0	No/DK
1179	1	Yes
89	Q	DK/Refuse
39		Missing

<i>MHEA15B</i>		<i>15b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15677	0	No/DK
495	1	Yes
137	Q	DK/Refuse
43		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

MHEA15C		15c. Brother(s) or sister(s)
N	Value	Description
15796	0	No/DK
368	1	Yes
77	Q	DK/Refuse
111		Missing

MHEA16		16. Has a doctor ever said that you have diabetes (high sugar in blood or urine)?
N	Value	Description
13867	0	No [skip to Q. 16e]
2460	1	Yes
3	Q	DK/Refuse [skip to Q. 16e]
22		Missing

MHEA16A		16a. At what age were you first told this?
N	Value	Description
2432	Range	1 - 94 ( median=45 mean=44.5 std=12.8 )
13867	.S	Skip Rule Followed
53		Missing

MHEA16B		16b. FOR WOMEN: Was this during pregnancy only?
N	Value	Description
1468	0	No
309	1	Yes
6	Q	DK/Refuse
13867	.S	Skip Rule Followed
702		Missing

MHEA16C		16c. Are you being treated with insulin?
N	Value	Description
1919	0	No [skip to Q. 16e]
530	1	Yes
2	Q	DK/Refuse [skip to Q. 16e]
13867	.S	Skip Rule Followed
34		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

<i>MHEA16D</i>		<i>16d. Was insulin the first medicine used for diabetes?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
397	0	No
132	1	Yes
3	Q	DK/Refuse
15786	.S	Skip Rule Followed
34		Missing

Has a doctor ever said that these relatives had diabetes?

<i>MHEA16E</i>		<i>16e. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12033	0	No/DK
4236	1	Yes
50	Q	DK/Refuse
33		Missing

<i>MHEA16F</i>		<i>16f. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13462	0	No/DK
2743	1	Yes
107	Q	DK/Refuse
40		Missing

<i>MHEA16G</i>		<i>16g. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13061	0	No/DK
3137	1	Yes
48	Q	DK/Refuse
106		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA17</i>		<i>17. Has a doctor ever said that you have kidney problems?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14505	0	No
1818	1	Yes
5	Q	DK/Refuse
24		Missing

<i>MHEA18</i>		<i>18. Has a doctor ever said that you have liver disease?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15201	0	No <i>[skip to Q. 19]</i>
1125	1	Yes
2	Q	DK/Refuse <i>[skip to Q. 19]</i>
24		Missing

**What type of liver disease?**

<i>MHEA18A</i>		<i>18a. Hepatitis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
472	0	No <i>[skip to Q. 18c]</i>
646	1	Yes
6	Q	DK/Refuse <i>[skip to Q. 18c]</i>
15201	.S	Skip Rule Followed
27		Missing

<i>MHEA18B</i>		<i>18b. What type?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
237	1	Type A
56	2	Type B
167	3	Type C
184	4	Don't know
7	Q	DK/Refuse
15673	.S	Skip Rule Followed
28		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA18C		18c. Cirrhosis
N	Value	Description
1028	0	No
82	1	Yes
8	Q	DK/Refuse
15201	.S	Skip Rule Followed
33		Missing

MHEA18D		18d. Other
N	Value	Description
696	0	No
418	1	Yes
6	Q	DK/Refuse
15201	.S	Skip Rule Followed
31		Missing

MHEA19		19. Have you had heartburn (a burning pain or discomfort behind the breast bone in your chest) in the past year?
N	Value	Description
10618	0	No [skip to Q.20]
5709	1	Yes
2	Q	DK/Refuse [skip to Q.20]
23		Missing

MHEA19A		19a. How often have you had heartburn in the past year?
N	Value	Description
1471	1	Less than once per month
1396	2	About once per month
937	3	About once per week
1252	4	Several times per week
637	5	Daily
7	Q	DK/Refuse
10618	.S	Skip Rule Followed
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA20		20. Have you had acid regurgitation (a bitter or sour-tasting fluid coming into your throat or mouth) in the past year?
N	Value	Description
9602	0	No [skip to Q.21]
6722	1	Yes
5	Q	DK/Refuse [skip to Q.21]
23		Missing

MHEA20A		20a. How often have you had acid regurgitation in the past year?
N	Value	Description
2233	1	Less than once per month
1723	2	About once per month
1040	3	About once per week
1158	4	Several times per week
558	5	Daily
8	Q	DK/Refuse
9602	.S	Skip Rule Followed
30		Missing

MHEA21		21. Has a doctor ever said that you have migraine headaches (with or without an aura)?
N	Value	Description
13756	0	No/DK
2569	1	Yes
3	Q	DK/Refuse
24		Missing

**Has a doctor ever said that these relatives had migraine headaches?**

MHEA21A		21a. Mother
N	Value	Description
14474	0	No/DK
1766	1	Yes
81	Q	DK/Refuse
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MHEA21B</i>		<i>21b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15755	0	No/DK
431	1	Yes
129	Q	DK/Refuse
37		Missing

<i>MHEA21C</i>		<i>21c. Brother(s) or sister(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14469	0	No/DK
1706	1	Yes
77	Q	DK/Refuse
100		Missing

<i>MHEA22</i>		<i>22. Has a doctor ever said that you have a blood clot in your leg vein or lung requiring blood thinning medicine?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16000	0	No
326	1	Yes
1	Q	DK/Refuse
25		Missing

<i>MHEA23</i>		<i>23. Do you have painful inflammation or swelling of your joints that limits your activities?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13596	0	No
2731	1	Yes
1	Q	DK/Refuse
24		Missing

**Has a doctor ever said that these relatives had painful inflammation or swelling of their joints that limits activities?**

<i>MHEA23A</i>		<i>23a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13755	0	No/DK
2485	1	Yes
79	Q	DK/Refuse
33		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA23B		23b. Father
N	Value	Description
15250	0	No/DK
928	1	Yes
136	Q	DK/Refuse
38		Missing

MHEA23C		23c. Brother(s) or sister(s)
N	Value	Description
15236	0	No/DK
932	1	Yes
79	Q	DK/Refuse
105		Missing

MHEA24		24. Have you ever been told by a doctor that you have a sleep disorder?
N	Value	Description
14336	0	No [skip to Q.26]
1981	1	Yes
11	9	Don't Know [skip to Q.26]
24		Missing

#### 25. Which sleep disorder(s)?

MHEA25A		a. Insomnia
N	Value	Description
449	0	No
1513	1	Yes
15	Q	DK/Refuse
14347	.S	Skip Rule Followed
28		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA25B</i>		<i>b. Restless legs</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1667	0	No
296	1	Yes
13	Q	DK/Refuse
14347	.S	Skip Rule Followed
29		Missing

<i>MHEA25C</i>		<i>c. Narcolepsy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1916	0	No
44	1	Yes
16	Q	DK/Refuse
14347	.S	Skip Rule Followed
29		Missing

<i>MHEA25D</i>		<i>d. Apnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1593	0	No
360	1	Yes
23	Q	DK/Refuse
14347	.S	Skip Rule Followed
29		Missing

<i>MHEA25D1</i>		<i>25d.1. Have you been prescribed a CPAP or BIPAP machine, or a device to wear in your mouth to treat your sleep apnea?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
133	0	No
243	1	Yes
7	Q	DK/Refuse
15940	.S	Skip Rule Followed
29		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA25E</i>		<i>e. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1764	0	No <i>[skip to Q.26]</i>
148	1	Yes
11	Q	DK/Refuse <i>[skip to Q.26]</i>
14347	.S	Skip Rule Followed
82		Missing

<i>MHEA25F</i>		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16263	Present	Variable/Text Values Suppressed
89		Missing

<i>MHEA26</i>		<i>26. Has a doctor ever said that you have cancer or a malignant tumor?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15680	0	No <i>[skip to Q.26b]</i>
644	1	Yes
3	Q	DK/Refuse <i>[skip to Q.26b]</i>
25		Missing

**What type?**

<i>MHEA26A1</i>		<i>a1. Lung</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
631	0	No
14	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA26A2</i>		<i>a2. Breast</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
518	0	No
127	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A3</i>		<i>a3. Cervical</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
489	0	No
152	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
28		Missing

<i>MHEA26A4</i>		<i>a4. Blood/lymph glands</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
614	0	No
31	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A5</i>		<i>a5. Testes/scrotum</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
627	0	No
7	1	Yes
4	Q	DK/Refuse
15680	.S	Skip Rule Followed
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MHEA26A6</i>		<i>a6. Bone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
641	0	No
4	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A7</i>		<i>a7. Melanoma</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
629	0	No
16	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A8</i>		<i>a8. Skin (not melanoma)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
600	0	No
45	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A9</i>		<i>a9. Brain</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
633	0	No
12	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MHEA26A10</i>		<i>a10. Stomach</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
627	0	No
18	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A11</i>		<i>a11. Colon</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
617	0	No
28	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A12</i>		<i>a12. Uterine</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
568	0	No
72	1	Yes
4	Q	DK/Refuse
15680	.S	Skip Rule Followed
28		Missing

<i>MHEA26A13</i>		<i>a13. Prostate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
587	0	No
49	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
33		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MHEA26A14</i>		<i>a14. Liver</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
634	0	No
11	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

<i>MHEA26A15</i>		<i>a15. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
503	0	No
142	1	Yes
3	Q	DK/Refuse
15680	.S	Skip Rule Followed
24		Missing

**Has a doctor ever said that these relatives had cancer or a malignant tumor?**

<i>MHEA26B</i>		<i>26b. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14369	0	No/DK
1907	1	Yes
42	Q	DK/Refuse
34		Missing

<i>MHEA26C</i>		<i>26c. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14746	0	No/DK
1489	1	Yes
79	Q	DK/Refuse
38		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

MHEA26D		26d. Brother(s) or sister(s)
N	Value	Description
14894	0	No/DK [skip to End if Male]
1315	1	Yes [skip to End if Male]
35	Q	DK/Refuse [skip to End if Male]
108		Missing

## FOR WOMEN ONLY

MHEA27		27. At what age did your menses begin?
N	Value	Description
9745	Range	1 - 33 ( median=13 mean=12.6 std=1.9 )
6607		Missing

MHEA28		28. Do you currently have menstrual periods?
N	Value	Description
4978	0	No
4817	1	Yes [skip to Q.34]
4	9	Don't Know
6553		Missing

MHEA29		29. Have you had a hysterectomy?
N	Value	Description
3455	0	No [skip to Q.31]
758	1	Yes, with removal of both ovaries
577	2	Yes, without removal of both ovaries
186	3	Yes, uncertain if ovaries removed
2	Q	DK/Refuse [skip to Q.31]
4817	.S	Skip Rule Followed
6557		Missing

MHEA30		30. Age at surgery?
N	Value	Description
1511	Range	1 - 98 ( median=41 mean=41.2 std=8.8 )
8272	.S	Skip Rule Followed
6569		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

MHEA31		31. Have you reached menopause (change of life)?
N	Value	Description
555	0	No [skip to Q.33]
3942	1	Yes
483	9	Don't Know [skip to Q.33]
1	Q	DK/Refuse [skip to Q.33]
4817	.S	Skip Rule Followed
6554		Missing

MHEA32		32. At what age?
N	Value	Description
3870	Range	9 - 72 ( median=48 mean=46.9 std=5.9 )
5855	.S	Skip Rule Followed
6627		Missing

MHEA33		33. Are you currently pregnant?
N	Value	Description
1023	0	No
14	1	Yes
8759	.S	Skip Rule Followed
6556		Missing

MHEA34		34. Have you ever been pregnant?
N	Value	Description
1126	0	No [skip to Q.37]
8670	1	Yes
6556		Missing

MHEA35		35. How many times have you been pregnant?
N	Value	Description
8663	Range	1 - 25 ( median=3 mean=3.6 std=2.1 )
1126	.S	Skip Rule Followed
6563		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MHEA36		36. How many live births have you had?
N	Value	Description
8532	Range	0 - 99 ( median=3 mean=2.9 std=2.5 )
1126	.S	Skip Rule Followed
6694		Missing

MHEA37		37. Have you ever taken birth control pills or other birth control medication?
N	Value	Description
3904	0	No
5892	1	Yes
6556		Missing

MHEA38		38. Are you currently taking female hormones other than control pills?
N	Value	Description
9466	0	No
308	1	Yes
13	9	Don't Know
6565		Missing

MHEA39		39. Do you take these female hormones to supplement your natural hormones?
N	Value	Description
83	0	No
224	1	Yes
9479	.S	Skip Rule Followed
6566		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Medication Use: FORM CODE=MUE VERSION=A**

**Instructions:** This form should be completed during the participant's visit. Affix the participant ID label above. Whenever numerical responses are required, enter the number so that the last digit appears in the rightmost box. Enter leading zeroes where necessary to fill all boxes. If a number is entered incorrectly, mark through the incorrect entry with an "=". Code the correct entry clearly above the incorrect entry.

MUEA0A		0a. Date of form completion:
N	Value	Description
16327	Range	03/04/2008 - 07/19/2011
8		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MUEA0B		Ob. Staff ID:
N	Value	Description
230	105	
58	107	
884	108	
1098	110	
659	111	
4	121	
5	125	
435	126	
3	141	
371	143	
117	167	
78	177	
121	182	
8	188	
1	205	
770	209	
227	211	
69	212	
282	213	
129	214	
93	222	
99	226	
373	230	
464	236	
1	238	
1	239	
1	246	
7	248	
1	251	
2	253	
2	258	
76	259	
4	260	
267	277	
14	278	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MUEA0B		Ob. Staff ID:
N	Value	Description
73	279	
4	282	
198	283	
98	284	
92	291	
193	293	
1	294	
2	298	
1	304	
109	309	
103	310	
80	311	
241	316	
1	317	
1	321	
1	324	
217	327	
323	328	
3	329	
925	330	
216	337	
1	339	
61	342	
2	344	
77	348	
162	349	
377	352	
17	353	
32	357	
340	360	
78	361	
1	362	
97	363	
379	371	
16	372	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MUEA0B		Ob. Staff ID:
N	Value	Description
159	377	
41	378	
1	401	
295	406	
56	407	
145	409	
507	410	
75	411	
157	424	
307	425	
1	426	
182	430	
1	431	
32	435	
1	440	
451	443	
267	447	
336	449	
280	450	
64	455	
18	456	
309	457	
227	460	
90	463	
57	464	
227	469	
5	630	
215	631	
68	633	
133	636	
29	640	
1	642	
44	644	
66	646	
12		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

#### A. Reception

MUEA1		1. Did you bring all the medications that you used in the past four weeks, or their containers?
N	Value	Description
1	0	
9688	1	Yes, all of them <i>[skip to Q.5]</i>
411	2	No, some of them <i>[skip to Q.3]</i>
6221	3	No, none of them
14		Missing

MUEA2		2. Is this because you forgot, because you have not taken any medications at all in the last four weeks, or because you could not bring your medications?
N	Value	Description
5407	1	Took no medications <i>[skip to Q.34]</i>
815	2	Forgot or was unable to bring medications
2	Q	DK/Refuse
10099	.S	Skip Rule Followed
12		Missing

MUEA3		3. May we follow up on this after the visit so that we can get the information from the other medication labels?
N	Value	Description
90	0	No or not applicable <i>[skip to Q.5]</i>
1127	1	Yes
15096	.S	Skip Rule Followed
22		Missing

MUEA4		4. Describe method of follow-up to be used:
N	Value	Description
16265	Present	Variable/Text Values Suppressed
70		Missing

#### B. Medication Record

Questions MUEA5A-MUEA29E have been suppressed. Please refer to medication variables listed in the Participant Derive Variable File.

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MUEA30		30. Total number of medications in bag:
N	Value	Description
10756	Range	0 - 39 ( median=3 mean=4.0 std=3.5 )
5413	.S	Skip Rule Followed
166		Missing

MUEA31		31. Number of medications in bag unable to successfully scan or transcribe:
N	Value	Description
10586	Range	0 - 34 ( median=0 mean=0.4 std=1.5 )
5413	.S	Skip Rule Followed
336		Missing

### 32. HCHS/SOL ID staff number of person scanning / transcribing medications:

MUEA32A		a. Scanner/transcriber (items 5-29):
N	Value	Description
		This variable has been removed

MUEA32B		b. Date of scanning/transcription:
N	Value	Description
10788	Range	07/24/2007 - 07/19/2011
5413	.S	Skip Rule Followed
134		Missing

### C. Medication Use Interview

### 33. Were any of the medications you took during the last four weeks for: (If "Yes", verify that the medication NAME is on the medication record)

MUEA33A		33a. Asthma
N	Value	Description
10032	0	No
795	1	Yes
13	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MUEA33B</i>		<i>33b. Chronic bronchitis or emphysema</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10654	0	No
172	1	Yes
14	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33C</i>		<i>33c. High blood sugar or diabetes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8955	0	No
1873	1	Yes
12	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33D</i>		<i>33d. High blood pressure or hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7355	0	No
3466	1	Yes
18	9	Unknown
5413	.S	Skip Rule Followed
83		Missing

<i>MUEA33E</i>		<i>33e. High blood cholesterol</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8712	0	No
2102	1	Yes
26	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MUEA33F</i>		<i>33f. Chest pain or angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10561	0	No
266	1	Yes
13	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33G</i>		<i>33g. Abnormal heart rhythm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10511	0	No
300	1	Yes
29	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33H</i>		<i>33h. Heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10690	0	No
128	1	Yes
22	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33I</i>		<i>33i. Blood thinning</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9798	0	No
1001	1	Yes
40	9	Unknown
5413	.S	Skip Rule Followed
83		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>MUEA33J</i>		<i>33j. Stroke</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10683	0	No
142	1	Yes
15	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33K</i>		<i>33k. Mini-stroke or TIA</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10715	0	No
106	1	Yes
19	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA33L</i>		<i>33l. Leg pain while walking or claudication</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9901	0	No
903	1	Yes
36	9	Unknown
5413	.S	Skip Rule Followed
82		Missing

<i>MUEA34</i>		<i>34. During the last four weeks, did you take any aspirin or aspirin-containing products including Alka-Seltzer, cold and allergy medication, or headache powder? This excludes acetaminophen (for example Tylenol), ibuprofen (for example Advil, Motrin, or Nuprin), and naproxen (for example Aleve).</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12882	0	No <i>[skip to Q.37]</i>
3352	1	Yes
32	9	Unknown <i>[skip to Q.37]</i>
69		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

MUEA35		35. How many days during the last four weeks did you take aspirin or aspirin-containing medications?
N	Value	Description
3349	Range	0 - 60 ( median=8 mean=14.2 std=12.3 )
12914	.S	Skip Rule Followed
72		Missing

MUEA36		36. For what purpose are you taking aspirin?
N	Value	Description
1	Q	
1373	1	Participant mentioned avoiding heart attack or stroke
1856	2	Participant did not mention avoiding heart attack or stroke
12984	.S	Skip Rule Followed
121		Missing

MUEA37		37. During the past four weeks, did you take any [other] medication for arthritis, fever, or muscle aches and pains, or cramps?
N	Value	Description
13776	0	No
2455	1	Yes
29	9	Unknown
75		Missing

MUEA38		38. Excluding aspirin, acetaminophen (for example, Tylenol), and corticosteroids (for example, prednisone), are you NOW taking other anti-inflammatory or arthritis medications on a regular basis?
N	Value	Description
15689	0	No [skip to End]
543	1	Yes
31	9	Unknown [skip to End]
72		Missing

**39. Unless already recorded in Items B5-B29, record the following information for the medication identified by Item 38. (Please refer to medication variables listed in the Participant Derive Variable File.)**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>MUEA40</i>		<i>40. How many pills per week are you taking, on average?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
527	Range	0 - 96 ( median=6 mean=10.1 std=14.3 )
15721	.S	Skip Rule Followed
87		Missing

<i>MUEA41</i>		<i>41. Staff ID number of person who interviewed the participant:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Occupation: FORM CODE=OCE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

OCEA0A		0a. Date of form completion:
N	Value	Description
16123	Range	03/04/2008 - 07/12/2011
7		Missing

OCEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Current Employment Status

OCEA1		1. Are you retired?
N	Value	Description
14421	0	No [skip to Q.4]
1688	1	Yes
1	Q	DK/Refuse [skip to Q.4]
20		Missing

OCEA2		2. In what year did you retire?
N	Value	Description
1661	Range	1959 - 2011 ( median=2004 mean=2001.5 std=8.1 )
14419	.S	Skip Rule Followed
50		Missing

OCEA3		3. Before you retired, in what job did you work the majority of hours per week?
N	Value	Description
16099	Present	Variable/Text Values Suppressed
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA3A		Select occupation code from list
N	Value	Description
37	1	Senior professional/technical worker
55	2	Junior professional/Technical worker
59	3	Administrator/executive/manager
81	4	Office staff
5	5	Farmer, fisherman, hunter
412	6	Skilled worker
483	7	Non-skilled worker
9	8	Army officer, police officer
2	9	Ordinary soldier, policeman
49	10	Driver
238	11	Service worker
2	12	Athlete, actor, musician
217	13	Other
62	99	Don't know/refused
14419	.S	Skip Rule Followed

#### 4. Are you a ?

OCEA4A		a. homemaker (i.e. care for family home)
N	Value	Description
8169	0	No
7917	1	Yes
44		Missing

OCEA4B		b. student
N	Value	Description
14117	0	No
1963	1	Yes
50		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA5		5. Please indicate your current employment status.
N	Value	Description
5428	1	Employed full time (>35 hours/week in one job or more than one job)
2728	2	Employed part time (less than or equal to 35 hours/week)
7937	3	Not currently employed [skip to Q.28]
7	Q	DK/Refuse [skip to Q.28]
30		Missing

OCEA6		6. How many months in a year did you work in the past year?
N	Value	Description
8151	Range	0 - 12 ( median=12 mean=10.5 std=2.8 )
7937	.S	Skip Rule Followed
42		Missing

OCEA7		7. In a typical week, how many days do you go to work per week?
N	Value	Description
8135	Range	0 - 7 ( median=5 mean=4.8 std=1.2 )
7937	.S	Skip Rule Followed
58		Missing

OCEA8		8. How many hours does your work day usually last at your job(s)?
N	Value	Description
8115	Range	0 - 24 ( median=8 mean=7.9 std=2.3 )
7937	.S	Skip Rule Followed
78		Missing

OCEA9		9. On a typical day, do you have a regular work schedule?
N	Value	Description
1	7	
2298	0	No [skip to Q.12]
5851	1	Yes
6	Q	DK/Refuse [skip to Q.12]
7937	.S	Skip Rule Followed
37		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA10A_2401		10. When do you usually begin work?
N	Value	Description
5858	Range	0:00 - 23:45
10235	.S	Skip Rule Followed
37		Missing

OCEA11A_2401		11. When do you usually end work?
N	Value	Description
5857	Range	0:00 - 23:59
10235	.S	Skip Rule Followed
38		Missing

OCEA12		12. How many days per month do you work extra hours beyond your usual schedule?
N	Value	Description
8032	Range	0 - 72 ( median=0 mean=2.6 std=5.8 )
7937	.S	Skip Rule Followed
161		Missing

OCEA13		13. Which of the following best describes your usual work schedule?
N	Value	Description
5093	1	Day shift
855	2	Afternoon shift
505	3	Night shift
499	4	Split shift
851	5	Irregular shift/on-call
319	6	Rotating shift
27	Q	DK/Refuse
7937	.S	Skip Rule Followed
44		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA14		14. At your current job(s), do you ever work the late night shift (after midnight)?
N	Value	Description
6631	0	No [skip to Q. 16]
1517	1	Yes
2	Q	DK/Refuse [skip to Q. 16]
7937	.S	Skip Rule Followed
43		Missing

OCEA15		15. Do you work the late night shift (after midnight)?
N	Value	Description
598	1	Usually
751	2	Sometimes
166	3	On a rotating schedule
5	Q	DK/Refuse
14568	.S	Skip Rule Followed
42		Missing

OCEA15A		(If 3, please specify):
N	Value	Description
16085	Present	Variable/Text Values Suppressed
45		Missing

**B. Current Occupation(s)**

OCEA16		16. In what job do you currently work the majority of your work hours per week?
N	Value	Description
16069	Present	Variable/Text Values Suppressed
61		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

OCEA16A		Select occupation code from list
N	Value	Description
137	1	Senior professional/technical worker
212	2	Junior professional/Technical worker
308	3	Administrator/executive/manager
311	4	Office staff
6	5	Farmer, fisherman, hunter
1842	6	Skilled worker
2504	7	Non-skilled worker
16	8	Army officer, police officer
10	9	Ordinary soldier, policeman
197	10	Driver
1566	11	Service worker
23	12	Athlete, actor, musician
951	13	Other
109	99	Don't know/refused
7937	.S	Skip Rule Followed
1		Missing

OCEA17		17. How many hours per week do you work at that job?
N	Value	Description
8091	Range	0 - 99 ( median=40 mean=36.6 std=13.1 )
7937	.S	Skip Rule Followed
102		Missing

OCEA18		18. Do you have any other job(s) that you work at in addition to the job that you work the majority of hours per week?
N	Value	Description
7382	0	No [skip to Q.21]
764	1	Yes
5	Q	DK/Refuse [skip to Q.21]
7937	.S	Skip Rule Followed
42		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA19		19. How many hours per week do you work at that job?
N	Value	Description
745	Range	0 - 90 ( median=10 mean=14.4 std=11.2 )
15319	.S	Skip Rule Followed
66		Missing

OCEA20		20. What do you do in that job?
N	Value	Description
16087	Present	Variable/Text Values Suppressed
43		Missing

OCEA20A		Select occupation code from list
N	Value	Description
15	1	Senior professional/technical worker
21	2	Junior professional/Technical worker
24	3	Administrator/executive/manager
15	4	Office staff
2	5	Farmer, fisherman, hunter
150	6	Skilled worker
217	7	Non-skilled worker
3	8	Army officer, police officer
2	9	Ordinary soldier, policeman
8	10	Driver
172	11	Service worker
16	12	Athlete, actor, musician
116	13	Other
49	99	Don't know/refused
15319	.S	Skip Rule Followed
1		Missing

### C. Occupational Exposures - Current Job(s)

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA21		21. At the job you currently work the majority of your work hours per week, how often is it noisy (you need to speak in a raised voice or louder to be heard when a person is two feet away)?
N	Value	Description
4974	1	None of the time
945	2	25% of the time
544	3	50%
428	4	75%
501	5	100%
709	6	Occasionally
40	9	Don't know
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
47		Missing

OCEA22		22. At the job you currently work the majority of your work hours per week, how often do you wear hearing (ear) protection?
N	Value	Description
7229	1	None of the time
220	2	25% of the time
111	3	50%
71	4	75%
297	5	100%
216	6	Occasionally
9	9	Don't know
4	Q	DK/Refuse
7937	.S	Skip Rule Followed
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

OCEA23		23. At the job you currently work the majority of your work hours per week, how often are you exposed to any type of organic solvents, for example styrene, trichloroethylene, toluene, or xylene?
N	Value	Description
7171	1	None of the time
205	2	25% of the time
86	3	50%
49	4	75%
103	5	100%
119	6	Occasionally
418	9	Don't know
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
37		Missing

OCEA24		At the job you currently work the majority of your work hours per week, how often are you exposed to metals such as manganese, lead, or mercury?
N	Value	Description
7196	1	None of the time
228	2	25% of the time
101	3	50%
60	4	75%
143	5	100%
153	6	Occasionally
269	9	Don't know
6	Q	DK/Refuse
7937	.S	Skip Rule Followed
37		Missing

OCEA25		25. In your current job(s) are you exposed to vapors, gas, dust or fumes at work?
N	Value	Description
4568	0	No [skip to Q.27]
3580	1	Yes
5	Q	DK/Refuse [skip to Q.27]
7937	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA26		26. How often do you wear a respirator while you are at your current job(s)?
N	Value	Description
2694	1	None of the time
288	2	25% of the time
138	3	50%
74	4	75%
129	5	100%
254	6	Occasionally
4	9	Don't know
5	Q	DK/Refuse
12505	.S	Skip Rule Followed
39		Missing

27. In your current job(s), are you exposed to any of the following?

OCEA27A		a. paints, varnishes, lacquers
N	Value	Description
6829	0	No
1324	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

OCEA27B		b. glues, pastes or other adhesives
N	Value	Description
6979	0	No
1173	1	Yes
6	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>OCEA27C</i>		<i>c. acids or alkalis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7515	0	No
633	1	Yes
10	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

<i>OCEA27D</i>		<i>d. pesticides</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7730	0	No
419	1	Yes
9	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

<i>OCEA27E</i>		<i>e. dusts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5453	0	No
2699	1	Yes
6	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

<i>OCEA27F</i>		<i>f. wood dust</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7052	0	No
1099	1	Yes
7	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA27G		<i>g. cleaning or disinfecting solutions</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4766	0	No
3384	1	Yes
7	Q	DK/Refuse
7937	.S	Skip Rule Followed
36		Missing

OCEA27H		<i>h. petroleum products other than solvents (like grease, oil or fuel)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7133	0	No
1016	1	Yes
7	Q	DK/Refuse
7937	.S	Skip Rule Followed
37		Missing

OCEA27I		<i>i. cutting oils, machine oils, or metal working fluids</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7222	0	No
930	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
36		Missing

OCEA27J		<i>j. smoke from burning wood</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7791	0	No
361	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA27K		<i>k. welding fumes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7544	0	No
609	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

OCEA27L		<i>l. tobacco smoke</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7075	0	No
1078	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

OCEA27M		<i>m. vehicle exhaust</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7186	0	No
967	1	Yes
5	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

OCEA27N		<i>n. cooking fumes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7241	0	No
909	1	Yes
8	Q	DK/Refuse
7937	.S	Skip Rule Followed
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OCEA270		<i>o. solvents or degreasers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6652	0	No
1499	1	Yes
6	Q	DK/Refuse
7937	.S	Skip Rule Followed
36		Missing

### D. Occupational Exposures - Longest Held Type of Job

OCEA28		<i>28. What is the type of job that you have held the longest?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15929	Present	Variable/Text Values Suppressed
201		Missing

OCEA28A		<i>Select occupation code from list</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
343	1	Senior professional/technical worker
516	2	Junior professional/Technical worker
541	3	Administrator/executive/manager
965	4	Office staff
71	5	Farmer, fisherman, hunter
3454	6	Skilled worker
4750	7	Non-skilled worker
45	8	Army officer, police officer
28	9	Ordinary soldier, policeman
330	10	Driver
2371	11	Service worker
51	12	Athlete, actor, musician
2104	13	Other
556	99	Don't know/refused
5		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA29		29. In what year did you start doing that type of job?
N	Value	Description
15185	Range	1930 - 2011 ( median=1994 mean=1991.5 std=12.9 )
945		Missing

OCEA30		30. How many years have you done or did you do that type of job?
N	Value	Description
15328	Range	0 - 99 ( median=10 mean=13.1 std=10.5 )
802		Missing

OCEA31		31. Is the job you currently work the majority of your work hours per week, the type of job that you have held the longest?
N	Value	Description
7093	0	No
8096	1	Yes [skip to Q.38]
30	Q	DK/Refuse
911		Missing

OCEA32		32. What is the latest year you have/had worked doing the longest held job?
N	Value	Description
7233	Range	1946 - 2011 ( median=2005 mean=2001.9 std=8.4 )
8096	.S	Skip Rule Followed
801		Missing

OCEA33		33. How many hours/week do you or did you work in the longest held type of job?
N	Value	Description
7227	Range	1 - 99 ( median=40 mean=40.6 std=14.1 )
8096	.S	Skip Rule Followed
807		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA34		34. At that job, how often is it or was it noisy (you needed to speak in a raised voice or louder to be heard when a person was two feet away)?
N	Value	Description
4323	1	None of the time
697	2	25% of the time
564	3	50%
409	4	75%
716	5	100%
613	6	Occasionally
30	9	Don't know
10	Q	DK/Refuse
8096	.S	Skip Rule Followed
672		Missing

OCEA35		35. At that job, how often do you or did you wear hearing (ear) protection?
N	Value	Description
6436	1	None of the time
163	2	25% of the time
150	3	50%
96	4	75%
309	5	100%
192	6	Occasionally
8	9	Don't know
7	Q	DK/Refuse
8096	.S	Skip Rule Followed
673		Missing

OCEA36		36. Are you or were you exposed to vapors, gas, dust, or fumes while on that job?
N	Value	Description
4406	0	No [skip to Q.38]
2966	1	Yes
11	Q	DK/Refuse [skip to Q.38]
8096	.S	Skip Rule Followed
651		Missing

**37. What were you exposed to on that job?**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA37A		<i>a. paints, varnishes, lacquers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2096	0	No
877	1	Yes
6	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37B		<i>b. glues, pastes or other adhesives</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2197	0	No
776	1	Yes
6	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37C		<i>c. acids or alkalis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2403	0	No
569	1	Yes
7	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37D		<i>d. pesticides</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2622	0	No
350	1	Yes
7	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA37E		<i>e. dusts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1084	0	No
1888	1	Yes
6	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

OCEA37F		<i>f. wood dust</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2244	0	No
728	1	Yes
6	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

OCEA37G		<i>g. cleaning or disinfecting solutions</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1661	0	No
1312	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

OCEA37H		<i>h. petroleum products other than solvents (like grease, oil or fuel)?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2174	0	No
796	1	Yes
9	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA37I		<i>i. cutting oils, machine oils, or metal working fluids</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2203	0	No
770	1	Yes
6	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37J		<i>j. smoke from burning wood</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2654	0	No
319	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

OCEA37K		<i>k. welding fumes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2343	0	No
631	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37L		<i>l. tobacco smoke</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2091	0	No
883	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OCEA37M		<i>m. vehicle exhaust</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2334	0	No
640	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
649		Missing

OCEA37N		<i>n. cooking fumes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2515	0	No
458	1	Yes
5	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

OCEA37O		<i>o. solvents or degreasers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2122	0	No
849	1	Yes
7	Q	DK/Refuse
12502	.S	Skip Rule Followed
650		Missing

**E. Other Job(s)**

OCEA38		<i>38. Have you held any other noisy jobs (1 year or longer) where you had to speak in a raised voice (or louder) to be heard?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12695	0	No
2830	1	Yes
9	9	Don't Know
5	Q	DK/Refuse
591		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Oral Health: FORM CODE=OHE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

OHEA0A		0a. Date of form completion:
N	Value	Description
16021	Range	02/09/2008 - 07/14/2011
15		Missing

OHEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Natural Teeth

OHEA1		1. Do you have any of your natural teeth?
N	Value	Description
639	0	No [skip to Q.10]
15357	1	Yes
40		Missing

OHEA2		2. How often do you limit the kinds or amounts of food you eat because of problems with your teeth?
N	Value	Description
425	1	Always
324	2	Very often
642	3	Often
2402	4	Sometimes
1569	5	Seldom
9975	6	Never
3	7	Refused
15	9	Don't know
1	Q	DK/Refuse
639	.S	Skip Rule Followed
41		Missing

3. In the past 12 months have you had or do you currently have:

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

OHEA3A		<i>a. Pain in a tooth or teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9465	0	No
5883	1	Yes
9	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

OHEA3B		<i>b. Bleeding gums</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8651	0	No
6697	1	Yes
8	Q	DK/Refuse
639	.S	Skip Rule Followed
41		Missing

OHEA3C		<i>c. Pain in your face</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13601	0	No
1751	1	Yes
5	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

OHEA3D		<i>d. Pain in your jaw joint</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12827	0	No
2522	1	Yes
8	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>OHEA3E</i>		<i>e. Sores in your mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12983	0	No
2361	1	Yes
13	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

<i>OHEA3F</i>		<i>f. Difficulty chewing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12325	0	No
3028	1	Yes
4	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

<i>OHEA3G</i>		<i>g. Difficulty tasting</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14556	0	No
795	1	Yes
6	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

<i>OHEA3H</i>		<i>h. Difficulty swallowing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14402	0	No
950	1	Yes
5	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA3I		<i>i. Bad breath</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9173	0	No
5762	1	Yes
419	Q	DK/Refuse
639	.S	Skip Rule Followed
43		Missing

OHEA3J		<i>j. Bad taste in mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10058	0	No
5278	1	Yes
21	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

OHEA3K		<i>k. Dry mouth when you eat</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12784	0	No
2559	1	Yes
14	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

OHEA3L		<i>l. Dry mouth when you sleep</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10497	0	No
4820	1	Yes
40	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA3M		<i>m. Other (non toothache) pain in your mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14743	0	No
613	1	Yes
1	Q	DK/Refuse
639	.S	Skip Rule Followed
40		Missing

OHEA4		<i>4. Do you think or believe that you are currently in need of dental treatment?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3866	0	No <i>[skip to Q.6]</i>
11340	1	Yes
149	Q	DK/Refuse <i>[skip to Q.6]</i>
639	.S	Skip Rule Followed
42		Missing

**5. What type of dental care do you need now?**

OHEA5A		<i>a. Cleaning or checkup</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
851	0	No
10607	1	Yes
29	Q	DK/Refuse
4505	.S	Skip Rule Followed
44		Missing

OHEA5B		<i>b. Teeth filled or replaced (for example fillings, crowns, and/or bridges)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3484	0	No
7679	1	Yes
322	Q	DK/Refuse
4505	.S	Skip Rule Followed
46		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>OHEA5C</i>		<i>c. Teeth pulled</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7702	0	No
3388	1	Yes
396	Q	DK/Refuse
4505	.S	Skip Rule Followed
45		Missing

<i>OHEA5D</i>		<i>d. Gum treatment</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6327	0	No
4552	1	Yes
605	Q	DK/Refuse
4505	.S	Skip Rule Followed
47		Missing

<i>OHEA5E</i>		<i>e. New or replace denture(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8285	0	No
3103	1	Yes
94	Q	DK/Refuse
4505	.S	Skip Rule Followed
49		Missing

<i>OHEA5F</i>		<i>f. Denture repaired</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10585	0	No
836	1	Yes
49	Q	DK/Refuse
4505	.S	Skip Rule Followed
61		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA5G		<i>g. Relief of pain</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9936	0	No
1524	1	Yes
27	Q	DK/Refuse
4505	.S	Skip Rule Followed
44		Missing

OHEA5H		<i>h. Work to improve appearance (for example braces, bonding, or whitening)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4781	0	No
6644	1	Yes
61	Q	DK/Refuse
4505	.S	Skip Rule Followed
45		Missing

OHEA5I		<i>i. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10887	0	No
577	1	Yes
21	Q	DK/Refuse
4505	.S	Skip Rule Followed
46		Missing

OHEA5J		<i>j. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10008	0	No
778	1	Yes
13	Q	DK/Refuse
5082	.S	Skip Rule Followed
155		Missing

OHEA5K		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15984	Present	Variable/Text Values Suppressed
52		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OHEA6		6. About how long has it been since you last visited a dentist? Include all types of dentists, such as, orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.
N	Value	Description
4918	1	6 months or less <i>[skip to Q.8]</i>
2899	2	More than 6 months, but not more than 1 year ago <i>[skip to Q.8]</i>
2453	3	More than 1 year, but not more than 2 years ago
1481	4	More than 2 years ago, but not more than 3 years ago
1307	5	More than 3 years, but not more than 5 years ago
2074	6	More than 5 years ago
209	7	Never have been
5	8	Refused
9	9	Don't know
639	.S	Skip Rule Followed
42		Missing

#### 7. What are the reasons you have not visited the dentist in over 12 months/never gone to the dentist?

OHEA7A		a. Afraid
N	Value	Description
6190	0	No
1349	1	Yes
8456	.S	Skip Rule Followed
41		Missing

OHEA7B		b. Nervous
N	Value	Description
6151	0	No
1388	1	Yes
8456	.S	Skip Rule Followed
41		Missing

OHEA7C		c. Needles
N	Value	Description
6261	0	No
1278	1	Yes
8456	.S	Skip Rule Followed
41		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OHEA7D		<i>d. Cost</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2171	0	No
5367	1	Yes
8456	.S	Skip Rule Followed
42		Missing

OHEA7E		<i>e. Don't know dentist</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6707	0	No
833	1	Yes
8456	.S	Skip Rule Followed
40		Missing

OHEA7F		<i>f. Dentist too far</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7144	0	No
391	1	Yes
4	Q	DK/Refuse
8456	.S	Skip Rule Followed
41		Missing

OHEA7G		<i>g. Can't find a dentist who speaks Spanish</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7302	0	No
234	1	Yes
3	Q	DK/Refuse
8456	.S	Skip Rule Followed
41		Missing

OHEA7H		<i>h. Can't get there</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7314	0	No
224	1	Yes
8456	.S	Skip Rule Followed
42		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

<i>OHEA7I</i>		<i>i. No problems</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6351	0	No
1186	1	Yes
1	Q	DK/Refuse
8456	.S	Skip Rule Followed
42		Missing

<i>OHEA7J</i>		<i>j. No teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7449	0	No
87	1	Yes
2	Q	DK/Refuse
8456	.S	Skip Rule Followed
42		Missing

<i>OHEA7K</i>		<i>k. Not important</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7105	0	No
430	1	Yes
3	Q	DK/Refuse
8456	.S	Skip Rule Followed
42		Missing

<i>OHEA7L</i>		<i>l. Didn't think of it</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6522	0	No
1014	1	Yes
2	Q	DK/Refuse
8456	.S	Skip Rule Followed
42		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA7M		<i>m. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5558	0	No
1976	1	Yes
3	Q	DK/Refuse
8456	.S	Skip Rule Followed
43		Missing

OHEA7N		<i>n. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5467	0	No
40	1	Yes
2	Q	DK/Refuse
10432	.S	Skip Rule Followed
95		Missing

OHEA7O		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15983	Present	Variable/Text Values Suppressed
53		Missing

OHEA8		<i>8. Have you ever had a test {/exam} for oral or mouth cancer in which the doctor or dentist, pulls on your tongue, sometimes with gauze wrapped around it, and feels under the tongue and inside the cheeks?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
169	0	I think so
1014	1	Yes
13742	2	No <i>[skip to Q. 18]</i>
426	9	Don't know, not sure <i>[skip to Q. 18]</i>
1	Q	DK/Refuse <i>[skip to Q. 18]</i>
639	.S	Skip Rule Followed
45		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA9		9. When did you have your most recent oral or mouth cancer exam?
N	Value	Description
729	1	Within past year <i>[skip to Q.18]</i>
231	2	Between 1 and 3 years ago <i>[skip to Q.18]</i>
215	3	Over 3 years ago <i>[skip to Q.18]</i>
4	Q	DK/Refuse <i>[skip to Q.18]</i>
14807	.S	Skip Rule Followed
50		Missing

**B. Edentulous Questions**

OHEA10		10. How often do you limit the kinds or amounts of food you eat because of problems with your dentures?
N	Value	Description
45	1	Always
31	2	Very often
49	3	Often
142	4	Sometimes
18	5	Seldom
348	6	Never
2	7	Refused
1	9	Don't know
15358	.S	Skip Rule Followed
42		Missing

**11. In the past 12 months have you had or do you currently have:**

OHEA11A		a. Bleeding gum
N	Value	Description
603	0	No
35	1	Yes
15358	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>OHEA11B</i>		<i>b. Pain in your face</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
591	0	No
47	1	Yes
15358	.S	Skip Rule Followed
40		Missing

<i>OHEA11C</i>		<i>c. Pain in your jaw joint</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
562	0	No
76	1	Yes
15358	.S	Skip Rule Followed
40		Missing

<i>OHEA11D</i>		<i>d. Sores in your mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
543	0	No
95	1	Yes
15358	.S	Skip Rule Followed
40		Missing

<i>OHEA11E</i>		<i>e. Difficulty chewing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
438	0	No
199	1	Yes
15358	.S	Skip Rule Followed
41		Missing

<i>OHEA11F</i>		<i>f. Difficulty tasting</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
547	0	No
91	1	Yes
15358	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA11G		<i>g. Difficulty swallowing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
557	0	No
81	1	Yes
15358	.S	Skip Rule Followed
40		Missing

OHEA11H		<i>h. Bad breath</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
518	0	No
108	1	Yes
11	Q	DK/Refuse
15358	.S	Skip Rule Followed
41		Missing

OHEA11I		<i>i. Bad taste in mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
478	0	No
159	1	Yes
1	Q	DK/Refuse
15358	.S	Skip Rule Followed
40		Missing

OHEA11J		<i>j. Dry mouth when you eat</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
476	0	No
162	1	Yes
15358	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA11K		<i>k. Dry mouth when you sleep</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
414	0	No
222	1	Yes
2	Q	DK/Refuse
15358	.S	Skip Rule Followed
40		Missing

OHEA11L		<i>l. Other (non toothache) pain in your mouth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
610	0	No
28	1	Yes
15358	.S	Skip Rule Followed
40		Missing

OHEA12		<i>12. Do you think or believe that you are currently in need of dental treatment?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
426	0	No <i>[skip to Q. 14]</i>
208	1	Yes
4	Q	DK/Refuse <i>[skip to Q. 14]</i>
15358	.S	Skip Rule Followed
40		Missing

**13. What type of dental care do you need now?**

OHEA13A		<i>a. Gum treatment</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
170	0	No
39	1	Yes
2	Q	DK/Refuse
15784	.S	Skip Rule Followed
41		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA13B		<i>b. New or replace denture(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
49	0	No
162	1	Yes
15784	.S	Skip Rule Followed
41		Missing

OHEA13C		<i>c. Denture repaired</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
152	0	No
59	1	Yes
15784	.S	Skip Rule Followed
41		Missing

OHEA13D		<i>d. Relief of pain</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
196	0	No
15	1	Yes
15784	.S	Skip Rule Followed
41		Missing

OHEA13E		<i>e. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
188	0	No
23	1	Yes
15784	.S	Skip Rule Followed
41		Missing

OHEA13F		<i>f. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
180	0	No
5	1	Yes
15807	.S	Skip Rule Followed
44		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA13G		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15995	Present	Variable/Text Values Suppressed
41		Missing

OHEA14		<i>14. About how long has it been since you last visited a dentist? Include all types of dentists.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
139	1	6 months or less <i>[skip to Q.16]</i>
88	2	More than 6 months, but not more than 1 year ago <i>[skip to Q.16]</i>
59	3	More than 1 year, but not more than 2 years ago
78	4	More than 2 years, but not more than 3 years ago
74	5	More than 3 years, but not more than 5 years ago
198	6	More than 5 years ago
1	7	Never have been
1	9	Don't know
15358	.S	Skip Rule Followed
40		Missing

**15. What are the reasons you have not visited the dentist in over 12 months/never gone to the dentist? (Mark all that apply)**

OHEA15A		<i>a. Afraid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
391	0	No
19	1	Yes
15585	.S	Skip Rule Followed
41		Missing

OHEA15B		<i>b. Nervous</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
390	0	No
20	1	Yes
15585	.S	Skip Rule Followed
41		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OHEA15C		<i>c. Needles</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
392	0	No
18	1	Yes
15585	.S	Skip Rule Followed
41		Missing

OHEA15D		<i>d. Cost</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
257	0	No
153	1	Yes
15585	.S	Skip Rule Followed
41		Missing

OHEA15E		<i>e. Don't know dentist</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
390	0	No
20	1	Yes
15585	.S	Skip Rule Followed
41		Missing

OHEA15F		<i>f. Dentist too far</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
402	0	No
9	1	Yes
15585	.S	Skip Rule Followed
40		Missing

OHEA15G		<i>g. Can't find a dentist who speaks Spanish</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
405	0	No
6	1	Yes
15585	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA15H		<i>h. Can't get there</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
404	0	No
7	1	Yes
15585	.S	Skip Rule Followed
40		Missing

OHEA15I		<i>i. No problems</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
214	0	No
196	1	Yes
1	Q	DK/Refuse
15585	.S	Skip Rule Followed
40		Missing

OHEA15J		<i>j. No teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
198	0	No
213	1	Yes
15585	.S	Skip Rule Followed
40		Missing

OHEA15K		<i>k. Not important</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
378	0	No
33	1	Yes
15585	.S	Skip Rule Followed
40		Missing

OHEA15L		<i>l. Didn't think of it</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
373	0	No
38	1	Yes
15585	.S	Skip Rule Followed
40		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

OHEA15M		<i>m. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
359	0	No
52	1	Yes
15585	.S	Skip Rule Followed
40		Missing

OHEA15N		<i>n. Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
357	0	No
15637	.S	Skip Rule Followed
42		Missing

OHEA15O		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15995	Present	Variable/Text Values Suppressed
41		Missing

OHEA16		<i>16. Have you ever had a test {/exam} for oral or mouth cancer in which the doctor or dentist, pulls on your tongue, sometimes with gauze wrapped around it, and feels under the tongue and inside the cheeks?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
20	1	I think so
52	2	Yes
532	3	No <i>[skip to Q. 18]</i>
34	9	Don't know, not sure <i>[skip to Q. 18]</i>
15358	.S	Skip Rule Followed
40		Missing

OHEA17		<i>17. When did you have your most recent oral or mouth cancer exam?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
28	1	Within past year
17	2	Between 1 and 3 years ago
27	3	Over 3 years ago
15924	.S	Skip Rule Followed
40		Missing

**C. Problem with Teeth, Mouth, or Dentures**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

OHEA18		18. During the past month have you had difficulty doing your usual jobs or attending school because of problems with your teeth, mouth or dentures?
<i>N</i>	<i>Value</i>	<i>Description</i>
46	1	Always
32	2	Very often
68	3	Often
211	4	Sometimes
242	5	Seldom
15365	6	Never
5	7	Refused
13	9	Don't know
54		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Physical Activity: FORM CODE=PAE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

PAEA0A		0a. Date of form completion:
N	Value	Description
16328	Range	03/04/2008 - 06/30/2011
7		Missing

PAEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

PAEA1		1. Does your work involve vigorous intensity activity that causes large increases in breathing or heart rate like carrying or lifting heavy loads, digging or construction work for at least 10 minutes continuously?
N	Value	Description
13218	0	No [skip to Q.4]
2852	1	Yes
10	Q	DK/Refuse [skip to Q.4]
255		Missing

PAEA2		2. In a typical week, on how many days do you do vigorous-intensity activities as part of your work?
N	Value	Description
2847	Range	0 - 7 ( median=5 mean=4.1 std=1.6 )
13218	.S	Skip Rule Followed
270		Missing

PAEA3A_MIN		3. How much time do you spend doing vigorous-intensity activities at work, or as part of your work, on a typical day when you do vigorous-intensity activities as part of your work? (min)
N	Value	Description
2845	Range	0 - 1200 ( median=240 mean=241.8 std=179.3 )
13218	.S	Skip Rule Followed
272		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

PAEA4		4. Does your work involve moderate-intensity activity that causes small increases in breathing or heart rate such as brisk walking or carrying light loads for at least 10 minutes continuously?
N	Value	Description
10921	0	No [skip to Q.7]
5143	1	Yes
9	Q	DK/Refuse [skip to Q.7]
262		Missing

PAEA5		5. In a typical week, on how many days do you do moderate-intensity activities as part of your work?
N	Value	Description
5134	Range	0 - 7 ( median=5 mean=4.3 std=1.5 )
10921	.S	Skip Rule Followed
280		Missing

PAEA6A_MIN		6. How much time do you spend doing moderate-intensity activities at work, or as part of your work, on a typical day when you do moderate-intensity activities as part of your work? (min)
N	Value	Description
5132	Range	0 - 1440 ( median=180 mean=237.5 std=180.3 )
10921	.S	Skip Rule Followed
282		Missing

**B. Walking or Bicycling for Transportation**

PAEA7		7. Do you walk or bicycle (pedal cycle) for at least 10 minutes continuously to get to and from places?
N	Value	Description
8187	0	No [skip to Q.10]
8134	1	Yes
14		Missing

PAEA8		8. In a typical week, on how many days do you walk or bicycle to get to and from places?
N	Value	Description
8128	Range	0 - 7 ( median=5 mean=5.0 std=1.9 )
8187	.S	Skip Rule Followed
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PAEA9A_MIN		9. On a typical day that you walk and/or bicycle to get to and from places, how much total time do you spend walking and/or bicycling to get to and from places? (min)
N	Value	Description
8105	Range	0 - 1320 ( median=40 mean=81.2 std=115.9 )
8187	.S	Skip Rule Followed
43		Missing

### C. Leisure Time Physical Activity

PAEA10		10. Do you do any vigorous-intensity sports, fitness or recreational (leisure) activities that cause large increases in breathing or heart rate such as running, soccer, football, or basketball for at least 10 minutes continuously?
N	Value	Description
13475	0	No [skip to Q. 14]
2840	1	Yes
1	Q	DK/Refuse [skip to Q. 14]
19		Missing

### 11. What are some of those activities?

PAEA11A		a. American football
N	Value	Description
2515	0	No
329	1	Yes
13475	.S	Skip Rule Followed
16		Missing

PAEA11B		b. Basketball
N	Value	Description
2116	0	No
728	1	Yes
13475	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA11C</i>		<i>c. Boxing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2599	0	No
245	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11D</i>		<i>d. Fencing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2819	0	No
25	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11E</i>		<i>e. Handball</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2661	0	No
182	1	Yes
13475	.S	Skip Rule Followed
17		Missing

<i>PAEA11F</i>		<i>f. High intensity Aerobics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2373	0	No
471	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11G</i>		<i>g. Hockey (ice or field)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2817	0	No
27	1	Yes
13475	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA11H</i>		<i>h. Lacrosse</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2821	0	No
23	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11I</i>		<i>i. Hard Lap swimming</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2593	0	No
251	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11J</i>		<i>j. Racquetball</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2693	0	No
151	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11K</i>		<i>k. Running</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1288	0	No
1556	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11L</i>		<i>l. Soccer/football</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2008	0	No
836	1	Yes
13475	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA11M</i>		<i>m. Volleyball (competitive)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2598	0	No
246	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11N</i>		<i>n. Water Polo</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2818	0	No
26	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11O</i>		<i>o. Weight lifting (hard training)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1984	0	No
860	1	Yes
13475	.S	Skip Rule Followed
16		Missing

<i>PAEA11P</i>		<i>p. Indoor cycling/spinning</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2406	0	No
439	1	Yes
13475	.S	Skip Rule Followed
15		Missing

<i>PAEA11Q</i>		<i>q. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2390	0	No
450	1	Yes
3	Q	DK/Refuse
13475	.S	Skip Rule Followed
17		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA11R</i>		<i>Please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16315	Present	Variable/Text Values Suppressed
20		Missing

<i>PAEA12</i>		<i>12. In a typical week, on how many days do you do vigorous-intensity sports, fitness or recreational (leisure) activities?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2843	Range	0 - 7 ( median=3 mean=3.1 std=1.7 )
13475	.S	Skip Rule Followed
17		Missing

<i>PAEA13A_MIN</i>		<i>13. How much time do you spend doing vigorous-intensity sports, fitness or recreational (leisure) activities on a typical day when you do vigorous-intensity sports, fitness or recreational (leisure) activities? (min)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2836	Range	0 - 780 ( median=90 mean=102.6 std=76.2 )
13475	.S	Skip Rule Followed
24		Missing

<i>PAEA14</i>		<i>14. Do you do any moderate-intensity sports, fitness or recreational (leisure) activities that cause small increases in breathing or heart rate such as brisk walking, cycling, swimming, volleyball or karate for at least 10 minutes continuously?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11841	0	No [skip to Q.18]
4472	1	Yes
2	Q	DK/Refuse [skip to Q.18]
20		Missing

**15. What are some of those activities?**

<i>PAEA15A</i>		<i>a. Aerobic dance/Step/Taibo</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3891	0	No
587	1	Yes
11841	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA15B</i>		<i>b. Baseball/softball</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4042	0	No
436	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15C</i>		<i>c. Brisk walking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1517	0	No
2962	1	Yes
11841	.S	Skip Rule Followed
15		Missing

<i>PAEA15D</i>		<i>d. Canoeing/kayaking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4417	0	No
59	1	Yes
1	Q	DK/Refuse
11841	.S	Skip Rule Followed
17		Missing

<i>PAEA15E</i>		<i>e. Coaching sports</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4224	0	No
254	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15F</i>		<i>f. Cricket</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4467	0	No
11	1	Yes
11841	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA15G</i>		<i>g. Light Cycling (including stationary)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3593	0	No
885	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15H</i>		<i>h. Dance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3425	0	No
1053	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15I</i>		<i>i. Exercise machines</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3141	0	No
1337	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15J</i>		<i>j. Frisbee play</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4359	0	No
119	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15K</i>		<i>k. Hunting and fishing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4262	0	No
216	1	Yes
11841	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA15L</i>		<i>l. Jai alai</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4472	0	No
6	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15M</i>		<i>m. Karate/judo/other martial arts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4316	0	No
162	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15N</i>		<i>n. Rock climbing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4437	0	No
41	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15O</i>		<i>o. Skating (roller or ice)/Roller blading</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4323	0	No
155	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15P</i>		<i>p. Skin/Scuba diving</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4430	0	No
48	1	Yes
11841	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA15Q</i>		<i>q. Surfing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4428	0	No
50	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15R</i>		<i>r. Swimming laps</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3890	0	No
588	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15S</i>		<i>s. Table tennis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4327	0	No
151	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15T</i>		<i>t. Tai chi</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4426	0	No
52	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15U</i>		<i>u. Tennis (singles or doubles)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4287	0	No
191	1	Yes
11841	.S	Skip Rule Followed
16		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PAEA15V</i>		<i>v. Volleyball (includes beach volleyball)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4156	0	No
322	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15W</i>		<i>w. Weight lifting for fitness</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3470	0	No
1008	1	Yes
11841	.S	Skip Rule Followed
16		Missing

<i>PAEA15X</i>		<i>x. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4005	0	No
471	1	Yes
11841	.S	Skip Rule Followed
18		Missing

<i>PAEA15Y</i>		<i>Please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16314	Present	Variable/Text Values Suppressed
21		Missing

<i>PAEA16</i>		<i>16. In a typical week, on how many days do you do moderate-intensity sports, fitness or recreational (leisure) activities?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4470	Range	0 - 7 ( median=3 mean=3.5 std=1.8 )
11841	.S	Skip Rule Followed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PAEA17A_MIN		17. How much time do you spend doing moderate-intensity sports, fitness or recreational activities on a typical day when you do moderate-intensity sports, fitness or recreational (leisure) activities? (min)
N	Value	Description
4469	Range	0 - 1440 ( median=60 mean=83.0 std=85.3 )
11841	.S	Skip Rule Followed
25		Missing

PAEA18A_MIN		18. How much time do you usually spend sitting or reclining on a typical day? (min)
N	Value	Description
16199	Range	0 - 1440 ( median=180 mean=244.1 std=180.7 )
136		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Personal Information Form: FORM CODE=PIE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option. Use location codes at end for coding place of birth.

PIEA0A		0a. Date of form completion:
N	Value	Description
16413	Range	03/04/2008 - 06/30/2011
1		Missing

PIEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Demographics

PIEA1		1. Gender:
N	Value	Description
6578	1	Male
9834	2	Female
1	Q	DK/Refuse
1		Missing

PIEA2		2. Date of Birth: (Refer to Age variable in the Participant Derive Variable File)
N	Value	Description
		This variable has been removed

PIEA3		3. Marital Status: (Mark only one)
N	Value	Description
4522	1	Single
6975	2	Married
1142	3	Separated
1540	4	Divorced
687	5	Widow(er)
1461	6	Living with a partner
2	Q	DK/Refuse
85		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA4		4. In what country or territory were you born? (Select location code from list)
N	Value	Description
1	03	Antigua and Barbuda
65	04	Argentina
1	05	Aruba
3	10	Belize
13	11	Bolivia
13	12	Brazil
24	14	Chile
296	16	Colombia
44	17	Costa Rica
2251	18	Cuba
18	20	Denmark
1405	21	Dominican Republic
398	22	Ecuador
150	23	El Salvador
1	25	France
1	29	Guam
328	30	Guatemala
490	33	Honduras
1	34	Hungary
1	35	India
3	40	Israel
4	41	Italy
4	43	Korea
9	45	Malaya
5458	46	Mexico
6	47	New Zealand
568	48	Nicaragua
1	49	Norway
23	51	Panama
3	52	Paraguay
166	53	Peru
13	56	Portugal
1567	57	Puerto Rico
2	58	Russia
16	60	Spain

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA4		4. In what country or territory were you born? (Select location code from list)
N	Value	Description
10	62	Switzerland
2863	63	United States
20	64	Uruguay
91	65	Venezuela
3	66	Virgin Islands
8	67	Other
72	Q	DK/Refuse

PIEA5A		5. Which of the following best describes your Hispanic/Latino heritage? (Mark only one)
N	Value	Description
1353	0	Dominican or Dominican descent
1725	1	Central American or Central American descent
2348	2	Cuban or Cuban descent
6465	3	Mexican or Mexican descent
2723	4	Puerto-Rican or Puerto-Rican descent
1064	5	South American or South American descent
393	6	More than one heritage
257	7	Other
8	Q	DK/Refuse
78		Missing

PIEA5B		If other, please specify:
N	Value	Description
16301	Present	Variable/Text Values Suppressed
113		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA6		6. In addition to being of Hispanic/Latino heritage, which of the following categories would you use to describe yourself? (Mark only one)
N	Value	Description
622	1	American Indian or Alaskan Native
47	2	Asian
52	3	Native Hawaiian or Other Pacific Islander
507	4	Black or African-American
6021	5	White
2756	6	More than one race
6037	9	Unknown/Not reported
114	Q	DK/Refuse
258		Missing

#### B. Residential History

PIEA7		7. From the time that you FIRST moved to the U.S. to today, about how many years have you lived in the mainland U.S. (50 states + DC)? (Round to the nearest full year)
N	Value	Description
13534	Range	0 - 73 ( median=17 mean=19.7 std=13.9 )
2735	.S	Skip Rule Followed
145		Missing

PIEA8		8. When you are in the United States, do you live in the same state all year?
N	Value	Description
928	0	No
12647	1	Yes
1	Q	DK/Refuse
2735	.S	Skip Rule Followed
103		Missing

PIEA9		9. Except for short vacations, do you return to your native country for part of each year?
N	Value	Description
11757	0	No [skip to Q. 11]
1800	1	Yes
6	Q	DK/Refuse [skip to Q. 11]
2735	.S	Skip Rule Followed
116		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>PIEA10</i>		<i>10. How many months per year?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1763	Range	0 - 12 ( median=1 mean=2.4 std=2.9 )
14492	.S	Skip Rule Followed
159		Missing

### C. Parents/Grandparents

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

PIEA11		11. Where was your mother born? (Select location code from list)
N	Value	Description
54	04	Argentina
1	07	Austria
1	09	Belgium
4	10	Belize
13	11	Bolivia
16	12	Brazil
1	13	Canada
28	14	Chile
2	15	China
325	16	Colombia
44	17	Costa Rica
2330	18	Cuba
2	19	Czech Republic
6	20	Denmark
1571	21	Dominican Republic
413	22	Ecuador
176	23	El Salvador
2	25	France
6	26	Germany
1	29	Guam
343	30	Guatemala
1	31	Haiti
2	32	Holland
503	33	Honduras
1	35	India
1	39	Ireland
2	40	Israel
10	41	Italy
1	42	Japan
3	43	Korea
1	44	Lebanon
9	45	Malaya
6179	46	Mexico
2	47	New Zealand
589	48	Nicaragua

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA11		11. Where was your mother born? (Select location code from list)
N	Value	Description
31	51	Panama
4	52	Paraguay
171	53	Peru
1	54	Philippines
5	55	Poland
10	56	Portugal
2489	57	Puerto Rico
2	58	Russia
61	60	Spain
2	62	Switzerland
778	63	United States
17	64	Uruguay
78	65	Venezuela
2	66	Virgin Islands
11	67	Other
109	Q	DK/Refuse

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA12		12. Where was your maternal grandmother born? (Select location code from list)
N	Value	Description
1	03	Antigua and Barbuda
38	04	Argentina
8	10	Belize
10	11	Bolivia
14	12	Brazil
2	13	Canada
28	14	Chile
4	15	China
322	16	Colombia
44	17	Costa Rica
2128	18	Cuba
1	19	Czech Republic
11	20	Denmark
1534	21	Dominican Republic
408	22	Ecuador
186	23	El Salvador
14	25	France
17	26	Germany
6	27	Great Britain
1	28	Greece
4	29	Guam
328	30	Guatemala
8	31	Haiti
493	33	Honduras
1	34	Hungary
4	35	India
4	39	Ireland
3	40	Israel
29	41	Italy
2	42	Japan
3	43	Korea
7	44	Lebanon
7	45	Malaya
6242	46	Mexico
7	47	New Zealand

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA12		12. Where was your maternal grandmother born? (Select location code from list)
N	Value	Description
579	48	Nicaragua
32	51	Panama
5	52	Paraguay
164	53	Peru
2	54	Philippines
9	55	Poland
18	56	Portugal
2624	57	Puerto Rico
5	58	Russia
311	60	Spain
1	62	Switzerland
307	63	United States
12	64	Uruguay
72	65	Venezuela
2	66	Virgin Islands
23	67	Other
329	Q	DK/Refuse

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA13		13. Where was your maternal grandfather born? (Select location code from list)
N	Value	Description
1	03	Antigua and Barbuda
36	04	Argentina
2	05	Aruba
1	09	Belgium
7	10	Belize
12	11	Bolivia
13	12	Brazil
4	13	Canada
21	14	Chile
19	15	China
321	16	Colombia
41	17	Costa Rica
1941	18	Cuba
1	19	Czech Republic
10	20	Denmark
1500	21	Dominican Republic
400	22	Ecuador
174	23	El Salvador
36	25	France
19	26	Germany
8	27	Great Britain
1	28	Greece
2	29	Guam
318	30	Guatemala
5	31	Haiti
2	32	Holland
482	33	Honduras
2	34	Hungary
2	35	India
3	39	Ireland
5	40	Israel
51	41	Italy
1	42	Japan
4	43	Korea
13	44	Lebanon

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA13		13. Where was your maternal grandfather born? (Select location code from list)
N	Value	Description
7	45	Malaya
6174	46	Mexico
7	47	New Zealand
570	48	Nicaragua
26	51	Panama
5	52	Paraguay
163	53	Peru
4	54	Philippines
9	55	Poland
10	56	Portugal
2557	57	Puerto Rico
5	58	Russia
3	59	South Africa
564	60	Spain
1	61	Sweden
2	62	Switzerland
249	63	United States
10	64	Uruguay
69	65	Venezuela
4	66	Virgin Islands
46	67	Other
471	Q	DK/Refuse

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

PIEA14		14. Where was your father born? (Select location code from list)
N	Value	Description
2	03	Antigua and Barbuda
57	04	Argentina
2	05	Aruba
1	06	Australia
4	10	Belize
15	11	Bolivia
13	12	Brazil
2	13	Canada
27	14	Chile
11	15	China
319	16	Colombia
40	17	Costa Rica
2303	18	Cuba
3	19	Czech Republic
5	20	Denmark
1561	21	Dominican Republic
420	22	Ecuador
178	23	El Salvador
6	25	France
7	26	Germany
4	27	Great Britain
2	28	Greece
1	29	Guam
337	30	Guatemala
1	31	Haiti
5	32	Holland
488	33	Honduras
1	34	Hungary
3	35	India
1	39	Ireland
4	40	Israel
24	41	Italy
1	42	Japan
3	43	Korea
8	44	Lebanon

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA14		14. Where was your father born? (Select location code from list)
N	Value	Description
9	45	Malaya
6118	46	Mexico
3	47	New Zealand
574	48	Nicaragua
24	51	Panama
3	52	Paraguay
170	53	Peru
7	54	Philippines
4	55	Poland
9	56	Portugal
2514	57	Puerto Rico
4	58	Russia
141	60	Spain
1	62	Switzerland
631	63	United States
15	64	Uruguay
72	65	Venezuela
3	66	Virgin Islands
26	67	Other
227	Q	DK/Refuse

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

PIEA15		15. Where was your paternal grandmother born? (Select location code from list)
N	Value	Description
1	01	Afghanistan
2	03	Antigua and Barbuda
38	04	Argentina
1	05	Aruba
1	06	Australia
1	07	Austria
4	10	Belize
13	11	Bolivia
14	12	Brazil
4	13	Canada
23	14	Chile
19	15	China
312	16	Colombia
42	17	Costa Rica
2028	18	Cuba
1	19	Czech Republic
1	20	Denmark
1500	21	Dominican Republic
406	22	Ecuador
177	23	El Salvador
30	25	France
25	26	Germany
5	27	Great Britain
1	28	Greece
1	29	Guam
326	30	Guatemala
10	31	Haiti
4	32	Holland
473	33	Honduras
3	34	Hungary
5	35	India
6	39	Ireland
7	40	Israel
50	41	Italy
3	42	Japan

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

PIEA15		15. Where was your paternal grandmother born? (Select location code from list)
N	Value	Description
5	43	Korea
11	44	Lebanon
12	45	Malaya
6064	46	Mexico
5	47	New Zealand
563	48	Nicaragua
1	49	Norway
25	51	Panama
2	52	Paraguay
164	53	Peru
8	54	Philippines
9	55	Poland
10	56	Portugal
2515	57	Puerto Rico
8	58	Russia
458	60	Spain
1	61	Sweden
2	62	Switzerland
289	63	United States
10	64	Uruguay
66	65	Venezuela
3	66	Virgin Islands
54	67	Other
591	Q	DK/Refuse
1		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA16		16. Where was your paternal grandfather born? (Select location code from list)
N	Value	Description
1	01	Afghanistan
3	03	Antigua and Barbuda
33	04	Argentina
2	06	Australia
2	07	Austria
1	09	Belgium
5	10	Belize
11	11	Bolivia
12	12	Brazil
2	13	Canada
22	14	Chile
21	15	China
310	16	Colombia
40	17	Costa Rica
1893	18	Cuba
2	19	Czech Republic
6	20	Denmark
1457	21	Dominican Republic
396	22	Ecuador
179	23	El Salvador
47	25	France
28	26	Germany
13	27	Great Britain
2	28	Greece
1	29	Guam
319	30	Guatemala
7	31	Haiti
7	32	Holland
461	33	Honduras
3	34	Hungary
6	35	India
1	38	Iraq
10	39	Ireland
6	40	Israel
76	41	Italy

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA16		16. Where was your paternal grandfather born? (Select location code from list)
N	Value	Description
3	42	Japan
5	43	Korea
15	44	Lebanon
4	45	Malaya
5984	46	Mexico
9	47	New Zealand
548	48	Nicaragua
3	50	Pakistan
20	51	Panama
1	52	Paraguay
163	53	Peru
8	54	Philippines
7	55	Poland
17	56	Portugal
2460	57	Puerto Rico
2	58	Russia
677	60	Spain
1	61	Sweden
1	62	Switzerland
252	63	United States
12	64	Uruguay
64	65	Venezuela
5	66	Virgin Islands
63	67	Other
703	Q	DK/Refuse
2		Missing

#### D. Education

PIEA17		17. How many years of schooling in total have you completed?
N	Value	Description
16245	Range	0 - 52 ( median=12 mean=11.1 std=4.3 )
169		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

PIEA18		18. In what country or territory was your highest level of education completed? (Select location code from list)
N	Value	Description
51	04	Argentina
1	07	Austria
1	09	Belgium
6	10	Belize
9	11	Bolivia
12	12	Brazil
2	13	Canada
22	14	Chile
237	16	Colombia
33	17	Costa Rica
1923	18	Cuba
4	19	Czech Republic
16	20	Denmark
1063	21	Dominican Republic
333	22	Ecuador
122	23	El Salvador
2	25	France
5	26	Germany
1	27	Great Britain
1	29	Guam
265	30	Guatemala
1	32	Holland
419	33	Honduras
1	36	Indonesia
2	40	Israel
6	41	Italy
2	42	Japan
4	43	Korea
1	44	Lebanon
8	45	Malaya
4401	46	Mexico
2	47	New Zealand
477	48	Nicaragua
2	49	Norway
1	50	Pakistan

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA18		18. In what country or territory was your highest level of education completed? (Select location code from list)
N	Value	Description
17	51	Panama
3	52	Paraguay
140	53	Peru
1	55	Poland
9	56	Portugal
924	57	Puerto Rico
11	58	Russia
1	59	South Africa
30	60	Spain
2	61	Sweden
33	62	Switzerland
5458	63	United States
17	64	Uruguay
81	65	Venezuela
2	66	Virgin Islands
21	67	Other
141	Q	DK/Refuse
86	~	Skip Rule Followed
1		Missing

PIEA19A		19. What was the highest grade/level of education achieved? If exact level is not listed, mark the closest equivalent.
N	Value	Description
3	0	
2070	1	Elementary/primary school (includes grades 1-5)
1854	2	Middle school/junior high (includes grades 6-8)
6197	3	High School/preparatory school
1881	4	Trade school/vocational school
3884	5	University/college
314	6	Other
8	Q	DK/Refuse
86	.S	Skip Rule Followed
117		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PIEA19B</i>		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16309	Present	Variable/Text Values Suppressed
105		Missing

<i>PIEA20</i>		<i>20. Have you received any diplomas, certificates or degrees from your schooling?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5244	0	No <i>[skip to Q. 22]</i>
10986	1	Yes
1	Q	DK/Refuse <i>[skip to Q. 22]</i>
86	.S	Skip Rule Followed
97		Missing

**21. What types of diploma, certificate, or degree did you receive? If exact diploma, certificate, or degree is not listed, mark the closest equivalent.**

<i>PIEA21A</i>		<i>a. High School diploma or equivalent (includes GED)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1434	0	No
9552	1	Yes
2	Q	DK/Refuse
5330	.S	Skip Rule Followed
96		Missing

<i>PIEA21B</i>		<i>b. Trade school/vocational school certificate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7366	0	No
3621	1	Yes
2	Q	DK/Refuse
5330	.S	Skip Rule Followed
95		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>PIEA21C</i>		<i>c. Associate degree (i.e. AA, AS)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9626	0	No
1359	1	Yes
2	Q	DK/Refuse
5330	.S	Skip Rule Followed
97		Missing

<i>PIEA21D</i>		<i>d. Bachelor's degree (i.e. BA, AB, BS)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9303	0	No
1683	1	Yes
1	Q	DK/Refuse
5330	.S	Skip Rule Followed
97		Missing

<i>PIEA21E</i>		<i>e. Master's degree (i.e. MA, MS, MEd, MSW, MBA)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10625	0	No
361	1	Yes
1	Q	DK/Refuse
5330	.S	Skip Rule Followed
97		Missing

<i>PIEA21F</i>		<i>f. Professional degree (i.e. MD, DDS, DVM, LLB, JD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10780	0	No
203	1	Yes
2	Q	DK/Refuse
5330	.S	Skip Rule Followed
99		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>PIEA21G</i>		<i>g. Doctorate degree (i.e. PhD, EdD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10928	0	No
56	1	Yes
1	Q	DK/Refuse
5330	.S	Skip Rule Followed
99		Missing

<i>PIEA21H</i>		<i>h. Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9882	0	No <i>[skip to Q.22]</i>
1098	1	Yes
2	Q	DK/Refuse <i>[skip to Q.22]</i>
5330	.S	Skip Rule Followed
102		Missing

<i>PIEA21I</i>		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16312	Present	Variable/Text Values Suppressed
102		Missing

<i>PIEA22A</i>		<i>22. What was the highest grade/level of education achieved by your father?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2126	1	No schooling
4469	2	Elementary/primary school (includes grades 1-5)
1628	3	Middle school/junior high (includes grades 6-8)
2673	4	High School/preparatory school
449	5	Trade school/vocational school
1425	6	University/college
1893	7	Other
1360	Q	DK/Refuse
391		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

PIEA22B		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15716	Present	Variable/Text Values Suppressed
698		Missing

PIEA23A		<i>23. What was the highest grade/level of education achieved by your mother? (Mark only one)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2378	1	No schooling
5096	2	Elementary/primary school (includes grades 1-5)
1899	3	Middle school/junior high (includes grades 6-8)
3032	4	High School/preparatory school
579	5	Trade school/vocational school
1184	6	University/college
1170	7	Other
818	Q	DK/Refuse
258		Missing

PIEA23B		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15945	Present	Variable/Text Values Suppressed
469		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Respiratory: FORM CODE=RSE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

RSEA0A		0a. Date of form completion:
N	Value	Description
16159	Range	03/04/2008 - 06/30/2011
6		Missing

RSEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Respiratory Symptoms

RSEA1		1. In the past 12 months, have you had a cough on most days or nights of the week during at least three months in a row? ("Most" means at least 4 days or nights per week)
N	Value	Description
14726	0	No
1416	1	Yes
1	Q	DK/Refuse
22		Missing

RSEA2		2. Have you had a cough on getting up or first thing in the morning on most mornings (at least 4 per week) for at least three months in a row?
N	Value	Description
15012	0	No
1116	1	Yes
1	Q	DK/Refuse
36		Missing

RSEA3		3. If YES to Question 1 OR Question 2, for how many years have you had this cough?
N	Value	Description
1411	Range	0 - 99 ( median=2 mean=9.1 std=16.4 )
14754		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

RSEA4		4. In the past 12 months, have you brought up phlegm from your chest on most days or nights of the week during at least three months in a row? ("Most" means at least 4 days or nights per week)
N	Value	Description
14667	0	No
1421	1	Yes
5	Q	DK/Refuse
72		Missing

RSEA5		5. Have you brought up phlegm on getting up or first thing in the morning on most mornings (at least 4 per week) for at least three months in a row?
N	Value	Description
14646	0	No
1433	1	Yes
4	Q	DK/Refuse
82		Missing

RSEA6		6. If YES to Question 4 or Question 5, for how many years have you had trouble with this phlegm?
N	Value	Description
1556	Range	0 - 99 ( median=2 mean=8.3 std=15.4 )
14609		Missing

RSEA7		7. Have you ever had wheezing or whistling in your chest?
N	Value	Description
11692	0	No [skip to Q. 18]
4420	1	Yes
8	Q	DK/Refuse [skip to Q. 18]
45		Missing

RSEA8		8. About how old were you when you first had wheezing or whistling in your chest? (Answer 1 if younger than 1 year)
N	Value	Description
4232	Range	1 - 99 ( median=30 mean=30.1 std=19.2 )
11692	.S	Skip Rule Followed
241		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

RSEA9		9. Have you ever had an attack of wheezing or whistling in your chest that made you feel short of breath?
N	Value	Description
2252	0	No [skip to Q.13]
2192	1	Yes
3	Q	DK/Refuse [skip to Q.13]
11692	.S	Skip Rule Followed
26		Missing

RSEA10		10. About how old were you when you had your first such attack? (Answer 1 if younger than 1 year)
N	Value	Description
2142	Range	1 - 73 ( median=27 mean=28.0 std=18.5 )
13944	.S	Skip Rule Followed
79		Missing

RSEA11		11. Have you had 2 or more such attacks?
N	Value	Description
789	0	No
1387	1	Yes
17	9	Don't Know
2	Q	DK/Refuse
13944	.S	Skip Rule Followed
26		Missing

RSEA12		12. Have you ever required medicine or treatment for such attacks?
N	Value	Description
543	0	No
1642	1	Yes
10	9	Don't Know
2	Q	DK/Refuse
13944	.S	Skip Rule Followed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

RSEA13		13. In the last 12 months, have you had wheezing or whistling in your chest at any time?
N	Value	Description
2264	0	No [skip to Q.18]
2179	1	Yes
6	Q	DK/Refuse [skip to Q.18]
11692	.S	Skip Rule Followed
24		Missing

In the last 12 months, does your chest ever sound wheezy or whistling:

RSEA14		14. When you have a cold?
N	Value	Description
502	0	No
1681	1	Yes
2	Q	DK/Refuse
13956	.S	Skip Rule Followed
24		Missing

RSEA15		15. Occasionally apart from colds?
N	Value	Description
803	0	No
1383	1	Yes
1	Q	DK/Refuse
13956	.S	Skip Rule Followed
22		Missing

RSEA16		16. More than once a week?
N	Value	Description
1245	0	No
941	1	Yes
1	Q	DK/Refuse
13956	.S	Skip Rule Followed
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

RSEA17		17. Most days and nights?
N	Value	Description
1185	0	No
1001	1	Yes
1	Q	DK/Refuse
13956	.S	Skip Rule Followed
22		Missing

RSEA18		18. In the last 12 months, have you been awakened from sleep either by coughing (apart from a cough associated with a cold or chest infection) or by shortness of breath or a feeling of tightness in your chest?
N	Value	Description
13147	0	No
2984	1	Yes
1	Q	DK/Refuse
33		Missing

**19. When you are near animals (such as cats, dogs, or horses) or near feathers (including pillows, quilts or comforters) or in a dusty or moldy part of the house, do you ever:**

RSEA19A		a. start to cough, wheeze, feel short of breath, or feel a tightness in your chest?
N	Value	Description
13602	0	No
2535	1	Yes
3	Q	DK/Refuse
25		Missing

RSEA19B		b. get a runny or stuffy nose or start to sneeze, or get itching or watering eyes?
N	Value	Description
11262	0	No
4875	1	Yes
2	Q	DK/Refuse
26		Missing

**20. When you are near trees, grass, or flowers, or when there is a lot of pollen in the air, do you ever:**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>RSEA20A</i>		<i>a. start to cough, wheeze, feel short of breath, or feel a tightness in your chest?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13721	0	No
2419	1	Yes
2	Q	DK/Refuse
23		Missing

<i>RSEA20B</i>		<i>b. get a runny or stuffy nose, start to sneeze, or get itching or watering eyes?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11275	0	No
4863	1	Yes
2	Q	DK/Refuse
25		Missing

<i>RSEA21</i>		<i>21. Have you ever had allergen skin testing?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14112	0	No
2016	1	Yes
9	Q	DK/Refuse
28		Missing

<i>RSEA22</i>		<i>22. Do you have chronic sinusitis?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14649	0	No
1473	1	Yes
16	Q	DK/Refuse
27		Missing

<i>RSEA23</i>		<i>23. When you exercise or exert yourself or when the air is cold, do you ever start to cough, wheeze, feel short of breath, or feel tightness in your chest?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11959	0	No
4182	1	Yes
2	Q	DK/Refuse
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>RSEA24</i>		<i>24. Are you troubled by shortness of breath when hurrying on level ground or walking up a slight hill?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10641	0	No <i>[skip to Q.29]</i>
5500	1	Yes
1	Q	DK/Refuse <i>[skip to Q.29]</i>
23		Missing

<i>RSEA25</i>		<i>25. Do you have to walk slower than people of your age on level ground because of shortness of breath?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2587	0	No
2887	1	Yes
21	2	Does not apply
6	Q	DK/Refuse
10641	.S	Skip Rule Followed
23		Missing

<i>RSEA26</i>		<i>26. Do you ever have to stop for breath when walking at your own pace on level ground?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3249	0	No
2248	1	Yes
3	2	Does not apply
2	Q	DK/Refuse
10641	.S	Skip Rule Followed
22		Missing

<i>RSEA27</i>		<i>27. Do you ever have to stop for breath after walking about 100 yards (or after a few minutes) on level ground?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3095	0	No
2375	1	Yes
32	2	Does not apply
1	Q	DK/Refuse
10641	.S	Skip Rule Followed
21		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

RSEA28		28. Are you too short of breath to leave the house or short of breath on dressing or undressing?
N	Value	Description
4585	0	No
908	1	Yes
6	2	Does not apply
1	Q	DK/Refuse
10641	.S	Skip Rule Followed
24		Missing

RSEA29		29. During the past 12 months, about how many days of work or school did you miss because of respiratory illnesses or symptoms?
N	Value	Description
11736	0	None
859	1	1-5
167	2	6-15
56	3	16 or more
3303	4	Not applicable - does not go to work or school <i>[skip to Q.32]</i>
6	Q	DK/Refuse <i>[skip to Q.32]</i>
38		Missing

RSEA30		30. During the past 12 months, have you had respiratory symptoms (cough, phlegm, wheeze, or shortness of breath) that changed on weekends, vacations, or other times when you were away from your current job? If more than one current job, consider the job you spend the most time doing.
N	Value	Description
11777	0	No <i>[skip to Q.32]</i>
660	1	Yes
44	2	Don't know <i>[skip to Q.32]</i>
344	3	Not applicable - do not have a current job that involves work out of the home. <i>[skip to Q.32]</i>
6	Q	DK/Refuse <i>[skip to Q.32]</i>
3303	.S	Skip Rule Followed
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

RSEA31		31. Do your respiratory symptoms get better or worse when you are away from your current job?
N	Value	Description
396	1	Better
73	2	Worse
185	9	Don't know
6	Q	DK/Refuse
15467	.S	Skip Rule Followed
38		Missing

#### B. Respiratory Conditions

RSEA32		32. Have you ever had asthma?
N	Value	Description
13439	0	No [skip to Q.38]
2637	1	Yes
67	9	Don't know [skip to Q.38]
22		Missing

RSEA33		33. At about what age did it start? (Answer 1 if younger than 1 year)
N	Value	Description
2552	Range	0 - 99 ( median=12 mean=18.9 std=17.8 )
13506	.S	Skip Rule Followed
107		Missing

RSEA33A		33a. As a child; age not known
N	Value	Description
1465	0	No
921	1	Yes
15	Q	DK/Refuse
13506	.S	Skip Rule Followed
258		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>RSEA34</i>		<i>34. Was it diagnosed by a doctor or other health professional?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
123	0	No
2469	1	Yes
41	9	Don't know
4	Q	DK/Refuse
13506	.S	Skip Rule Followed
22		Missing

<i>RSEA35</i>		<i>35. Do you still have it?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1229	0	No
1329	1	Yes [skip to Q.37]
75	9	Don't know
2	Q	DK/Refuse
13506	.S	Skip Rule Followed
24		Missing

<i>RSEA36</i>		<i>36. At what age did it stop? (Answer 1 if younger than 1 year)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1215	Range	0 - 99 ( median=16 mean=22.7 std=15.9 )
14835	.S	Skip Rule Followed
115		Missing

<i>RSEA37</i>		<i>37. In the past 12 months, have you received medical treatment, taken medications or used an inhaler for asthma?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1367	0	No
1270	1	Yes
13506	.S	Skip Rule Followed
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

RSEA38		38. Have you ever had hay fever (allergy involving the nose and/or eyes)?
N	Value	Description
13889	0	No [skip to Q.40]
2121	1	Yes
129	9	Don't know [skip to Q.40]
26		Missing

RSEA39		39. In the past 12 months, have you received medical treatment, taken medications or used a nasal spray for hay fever?
N	Value	Description
1176	0	No
947	1	Yes
14018	.S	Skip Rule Followed
24		Missing

RSEA40		40. Has a doctor ever told you that you had pneumonia or bronchopneumonia?
N	Value	Description
14251	0	No [skip to Q.42]
1834	1	Yes
57	9	Don't know [skip to Q.42]
1	Q	DK/Refuse [skip to Q.42]
22		Missing

RSEA41A		41. At about what age did you first have pneumonia or bronchopneumonia? (Answer 1 if younger than 1 year)
N	Value	Description
1789	Range	1 - 74 ( median=35 mean=33.3 std=17.9 )
14308	.S	Skip Rule Followed
68		Missing

RSEA41B		41a. As a child; age not known
N	Value	Description
1388	0	No
246	1	Yes
10	Q	DK/Refuse
14308	.S	Skip Rule Followed
213		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

RSEA42		42. Has a doctor ever told you that you had chronic bronchitis?
N	Value	Description
15160	0	No [skip to Q.44]
936	1	Yes
42	9	Don't know [skip to Q.44]
4	Q	DK/Refuse [skip to Q.44]
23		Missing

RSEA43		43. At about what age did you first have chronic bronchitis? (Answer 1 if younger than 1 year)
N	Value	Description
901	Range	1 - 74 ( median=29 mean=29.4 std=18.0 )
15202	.S	Skip Rule Followed
62		Missing

RSEA43A		43a. As a child; age not known
N	Value	Description
671	0	No
175	1	Yes
7	Q	DK/Refuse
15202	.S	Skip Rule Followed
110		Missing

RSEA44		44. Has a doctor ever told you that you had COPD (chronic obstructive pulmonary disease) or emphysema?
N	Value	Description
15852	0	No [skip to Q.47]
253	1	Yes
36	9	Don't know [skip to Q.47]
24		Missing

RSEA45		45. At about what age did it start? (Answer 1 if younger than 1 year)
N	Value	Description
252	Range	1 - 73 ( median=47.5 mean=43.83 std=15.36 )
15888	.S	Skip Rule Followed
25		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>RSEA46</i>		<i>46. In the past 12 months, have you received medical treatment, 'taken medications or used an inhaler for COPD or emphysema?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
106	0	No
146	1	Yes
1	Q	DK/Refuse
15888	.S	Skip Rule Followed
24		Missing

### C. Family History Questions

**47. Has a doctor ever said that these relatives had an attack of asthma?**

<i>RSEA47A</i>		<i>a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14820	0	No/Don't Know
1301	1	Yes
18	Q	DK/Refuse
26		Missing

<i>RSEA47B</i>		<i>b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15519	0	No/Don't Know
582	1	Yes
29	Q	DK/Refuse
35		Missing

<i>RSEA47C</i>		<i>c. Sibling(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13956	0	No/Don't Know
2142	1	Yes
16	Q	DK/Refuse
51		Missing

**48. Has a doctor ever said that these relatives had chronic bronchitis, COPD, or emphysema?**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>RSEA48A</i>		<i>a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15193	0	No/Don't Know
924	1	Yes
21	Q	DK/Refuse
27		Missing

<i>RSEA48B</i>		<i>b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15454	0	No/Don't Know
642	1	Yes
34	Q	DK/Refuse
35		Missing

<i>RSEA48C</i>		<i>c. Sibling(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15349	0	No/Don't Know
741	1	Yes
23	Q	DK/Refuse
52		Missing

**49. Has a doctor ever said that these relatives had hay fever (allergy involving the nose and/or eyes)?**

<i>RSEA49A</i>		<i>a. Mother</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15472	0	No/Don't Know
642	1	Yes
25	Q	DK/Refuse
26		Missing

<i>RSEA49B</i>		<i>b. Father</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15818	0	No/Don't Know
276	1	Yes
37	Q	DK/Refuse
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>RSEA49C</i>		<i>c. Sibling(s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15192	0	No/Don't Know
897	1	Yes
25	Q	DK/Refuse
51		Missing

**D. Tuberculosis Screening**

<i>RSEA50</i>		<i>50. Were you ever told that you had active tuberculosis or TB?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15533	0	No <i>[skip to Q.52]</i>
547	1	Yes
57	9	Don't know
2	Q	DK/Refuse
26		Missing

<i>RSEA51</i>		<i>51. Were you ever prescribed any medicine to treat active tuberculosis or TB?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
176	0	No
408	1	Yes
1	2	Refused
22	9	Don't know
15532	.S	Skip Rule Followed
26		Missing

<i>RSEA52</i>		<i>52. Have you ever been given a TB or tuberculosis skin test (e.g., PPD)?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4461	0	No <i>[skip to Q.55]</i>
11052	1	Yes
56	2	Refused <i>[skip to Q.55]</i>
565	9	Don't know <i>[skip to Q.55]</i>
3	Q	DK/Refuse <i>[skip to Q.55]</i>
28		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

RSEA53		53. Was it:
N	Value	Description
2077	1	Positive
8655	2	Negative [skip to Q.55]
322	9	Don't know [skip to Q.55]
1	Q	DK/Refuse [skip to Q.55]
5082	.S	Skip Rule Followed
28		Missing

RSEA54		54. Were you prescribed any medicine to keep you from getting sick with TB?
N	Value	Description
1073	0	No
980	1	Yes
26	9	Don't know
14059	.S	Skip Rule Followed
27		Missing

RSEA55		55. Have you ever had a shot (vaccination) to prevent TB called BCG?
N	Value	Description
5853	0	No
7353	1	Yes
22	2	Refused
2889	9	Don't know
20	Q	DK/Refuse
28		Missing

### E. Current Home Environment

RSEA56		56. During the last 12 months, has there been any flooding or water damage in your home?
N	Value	Description
15106	0	No
1026	1	Yes
1	Q	DK/Refuse
32		Missing

**HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B****Section B: Questionnaire Forms**

<i>RSEA57</i>		<i>57. During the last 12 months, have you noted any mold or mildew on any surface, other than food, inside your home?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13938	0	No
2164	1	Yes
2	Q	DK/Refuse
61		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Sociocultural: FORM CODE=SCE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

SCEA0A		0a. Date of form completion:
N	Value	Description
16331	Range	03/04/2008 - 06/30/2011
12		Missing

SCEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Acculturation

SCEA1		1. In general, what language(s) do you read and speak?
N	Value	Description
7194	1	Only Spanish
4083	2	Spanish better than English
2800	3	Both equally
1746	4	English better than Spanish
502	5	Only English
1	Q	DK/Refuse
17		Missing

SCEA2		2. What was the language(s) you used as a child?
N	Value	Description
13393	1	Only Spanish
828	2	Spanish better than English
1043	3	Both equally
513	4	English better than Spanish
522	5	Only English
14	Q	DK/Refuse
30		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA3		3. What language(s) do you currently speak at home?
N	Value	Description
9687	1	Only Spanish
2177	2	Spanish better than English
2555	3	Both equally
961	4	English better than Spanish
934	5	Only English
7	Q	DK/Refuse
22		Missing

SCEA4		4. In which language(s) do you usually think?
N	Value	Description
10088	1	Only Spanish
1502	2	Spanish better than English
2156	3	Both equally
850	4	English better than Spanish
1712	5	Only English
12	Q	DK/Refuse
23		Missing

SCEA5		5. What language(s) do you usually speak with your friends?
N	Value	Description
8714	1	Only Spanish
2251	2	Spanish better than English
2729	3	Both equally
1163	4	English better than Spanish
1461	5	Only English
3	Q	DK/Refuse
22		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA6		6. In general, what language(s) are the movies, T.V. and radio programs you prefer to watch and listen to?
N	Value	Description
6290	1	Only Spanish
2112	2	Spanish better than English
3389	3	Both equally
1984	4	English better than Spanish
2543	5	Only English
5	Q	DK/Refuse
20		Missing

SCEA7		7. Your close friends are
N	Value	Description
5979	1	All Hispanic/Latino
5627	2	More Hispanic/Latino than non-Hispanic/non-Latino
4286	3	About half and half
340	4	More non-Hispanic/non-Latino than Hispanic/Latino
69	5	All non-Hispanic/non-Latino
8	Q	DK/Refuse
34		Missing

SCEA8		8. You prefer going to social gatherings/parties at which people are...
N	Value	Description
4506	1	All Hispanic/Latino
3289	2	More Hispanic/Latino than non-Hispanic/non-Latino
8012	3	About half and half
180	4	More non-Hispanic/non-Latino than Hispanic/Latino
66	5	All non-Hispanic/non-Latino
213	Q	DK/Refuse
77		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA9		9. The persons you visit or who visit you are
N	Value	Description
8040	1	All Hispanic/Latino
4670	2	More Hispanic/Latino than non-Hispanic/non-Latino
3298	3	About half and half
208	4	More non-Hispanic/non-Latino than Hispanic/Latino
61	5	All non-Hispanic/non-Latino
26	Q	DK/Refuse
40		Missing

SCEA10		10. If you could choose your children's friends you would want them to be...
N	Value	Description
1285	1	All Hispanic/Latino
836	2	More Hispanic/Latino than non-Hispanic/non-Latino
13532	3	About half and half
123	4	More non-Hispanic/non-Latino than Hispanic/Latino
79	5	All non-Hispanic/non-Latino
354	Q	DK/Refuse
134		Missing

### B. Familism

SCEA11		11. One should have the hope of living long enough to see his/her grandchildren grow up.
N	Value	Description
157	1	Disagree a lot
154	2	Disagree
323	3	Don't disagree or agree
7699	4	Agree
7960	5	Agree a lot
18	Q	DK/Refuse
32		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA12		12. Aging parents should live with relatives.
N	Value	Description
235	1	Disagree a lot
1157	2	Disagree
1131	3	Don't disagree or agree
8704	4	Agree
5073	5	Agree a lot
11	Q	DK/Refuse
32		Missing

SCEA13		13. When someone has problems he/she can count on help from his/her relatives.
N	Value	Description
139	1	Disagree a lot
458	2	Disagree
607	3	Don't disagree or agree
10049	4	Agree
5058	5	Agree a lot
6	Q	DK/Refuse
26		Missing

SCEA14		14. Much of what a son or daughter does should be done to please the parents.
N	Value	Description
814	1	Disagree a lot
5635	2	Disagree
2813	3	Don't disagree or agree
5464	4	Agree
1563	5	Agree a lot
23	Q	DK/Refuse
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA15		15. One should be embarrassed about the bad things done by his/her brothers and sisters.
N	Value	Description
1402	1	Disagree a lot
7358	2	Disagree
2067	3	Don't disagree or agree
4392	4	Agree
1052	5	Agree a lot
31	Q	DK/Refuse
41		Missing

SCEA16		16. Children should live in their parents' house until they get married.
N	Value	Description
859	1	Disagree a lot
3941	2	Disagree
2055	3	Don't disagree or agree
7122	4	Agree
2317	5	Agree a lot
13	Q	DK/Refuse
36		Missing

### C. Identity

SCEA17		17. I have a strong sense of belonging to my own ethnic group.
N	Value	Description
366	1	Strongly disagree
2445	2	Disagree
9009	3	Agree
4383	4	Strongly Agree
78	Q	DK/Refuse
62		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA18		18. I have a lot of pride in my ethnic group.
N	Value	Description
144	1	Strongly disagree
648	2	Disagree
9060	3	Agree
6388	4	Strongly Agree
51	Q	DK/Refuse
52		Missing

### D. Religion

SCEA19		19. In general, how often do you attend the main worship service of your church or otherwise participate in organizational religion (such as watching services on TV, listening to services on the radio, participate in Bible study groups, etc)?
N	Value	Description
1445	1	Nearly every day
6307	2	At least once a week
4855	3	A few times a year
988	4	Less than once a year
2707	5	Not at all
5	Q	DK/Refuse
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA20		20. What religion would you identify yourself with?
N	Value	Description
1282	1	None
10139	2	Roman Catholic
292	3	Baptist
797	4	Pentecostal
135	5	Other Protestant
475	6	Jehovah's Witness
82	7	Mormon
2661	8	Christian (non-specified) or "other Christian"
33	9	Jewish
5	10	Muslim
389	11	Other faith
12	Q	DK/Refuse
41		Missing

SCEA21		21. How important would you say that religion and religious beliefs are to you?
N	Value	Description
840	1	Not at all important
1049	2	A little important
3034	3	Somewhat important
3371	4	Pretty important
7982	5	Very important
26	Q	DK/Refuse
41		Missing

### E. Perceived Discrimination

SCEA22		22. How often have you seen friends treated unfairly because they are Hispanic/Latino?
N	Value	Description
5331	1	Never
6492	2	Sometimes
3380	3	Often
1087	4	Always
11	Q	DK/Refuse
42		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SCEA23		23. How often do people treat you unfairly because you are Hispanic/ Latino?
<i>N</i>	<i>Value</i>	<i>Description</i>
8008	1	Never
6449	2	Sometimes
1374	3	Often
451	4	Always
12	Q	DK/Refuse
49		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SF-12v2 Health Survey: FORM CODE=SFE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

SFEA0A		0a. Date of form completion:
N	Value	Description
16323	Range	03/04/2008 - 06/30/2011
10		Missing

SFEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

SFEA1		1. In general, would you say your health is:
N	Value	Description
1328	1	Excellent
2584	2	Very good
7516	3	Good
4004	4	Fair
863	5	Poor
17	Q	DK/Refuse
21		Missing

**2. The following questions are about activities you might do during a typical day. Does your health now limit you in these activities? If so, how much?**

SFEA2A		a. Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf:
N	Value	Description
1388	1	Yes, limited a lot
2482	2	Yes, limited a little
12444	3	No, not limited at all
2	Q	DK/Refuse
17		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SFEA2B		<i>b. Climbing several flights of stairs:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2007	1	Yes, limited a lot
3464	2	Yes, limited a little
10840	3	No, not limited at all
4	Q	DK/Refuse
18		Missing

**3. During the past 4 weeks, how much of the time have you had any of the following problems with your work or other regular daily activities as a result of your physical health?**

SFEA3A		<i>a. Accomplished less than you would like:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
852	1	All of the time
1192	2	Most of the time
3144	3	Some of the time
1923	4	A little of the time
9188	5	None of the time
10	Q	DK/Refuse
24		Missing

SFEA3B		<i>b. Were limited in the kind of work or other activities:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
738	1	All of the time
905	2	Most of the time
2497	3	Some of the time
1630	4	A little of the time
10529	5	None of the time
12	Q	DK/Refuse
22		Missing

**4. During the past 4 weeks, how much of the time have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SFEA4A		<i>a. Accomplished less than you would like:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
652	1	All of the time
1057	2	Most of the time
3853	3	Some of the time
2065	4	A little of the time
8667	5	None of the time
15	Q	DK/Refuse
24		Missing

SFEA4B		<i>b. Didn't do work or activities as carefully as usual:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
557	1	All of the time
833	2	Most of the time
2988	3	Some of the time
2083	4	A little of the time
9833	5	None of the time
14	Q	DK/Refuse
25		Missing

SFEA5		<i>5. During the past 4 weeks, how much did pain interfere with your normal work (including both work outside the home and housework)?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9300	1	Not at all
3612	2	A little bit
1522	3	Moderately
1321	4	Quite a bit
534	5	Extremely
8	Q	DK/Refuse
36		Missing

**6. These questions are about how you feel and how things have been with you during the past 4 weeks. For each question, please give the one answer that comes closest to the way you have been feeling. How much of the time during the past 4 weeks...**

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

SFEA6A		<i>a. Have you felt calm and peaceful?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5112	1	All of the time
4995	2	Most of the time
4206	3	Some of the time
1283	4	A little of the time
710	5	None of the time
5	Q	DK/Refuse
22		Missing

SFEA6B		<i>b. Did you have a lot of energy?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5098	1	All of the time
4878	2	Most of the time
4416	3	Some of the time
1367	4	A little of the time
546	5	None of the time
7	Q	DK/Refuse
21		Missing

SFEA6C		<i>c. Have you felt downhearted and depressed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
673	1	All of the time
1279	2	Most of the time
6154	3	Some of the time
2729	4	A little of the time
5475	5	None of the time
2	Q	DK/Refuse
21		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>SFEA7</i>		<i>7. During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting friends, relatives, etc.)?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
641	1	All of the time
1066	2	Most of the time
3497	3	Some of the time
2266	4	A little of the time
8808	5	None of the time
16	Q	DK/Refuse
39		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Sleep: FORM CODE=SLE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

<i>SLEA0A</i>		<i>0a. Date of form completion:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16102	Range	03/02/2008 - 07/06/2011
11		Missing

<i>SLEA0B</i>		<i>0b. Staff ID:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

#### 1. What time do you usually go to bed:

##### a. On weekdays?

<i>SLEA1A_2401</i>		<i>Time of day</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15795	Range	0:00 - 23:59
318		Missing

##### b. On weekends?

<i>SLEA1C_2401</i>		<i>Time of day</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15652	Range	0:00 - 23:55
461		Missing

#### 2. What time do you usually wake up?

##### a. On weekdays?

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA2A_2401		Time of day
N	Value	Description
15808	Range	0:00 - 23:30
305		Missing

#### b. On weekends?

SLEA2C_2401		Time of day
N	Value	Description
15664	Range	0:00 - 23:00
449		Missing

SLEA3		3. During a usual week, how many times do you nap for 5 minutes or more?
N	Value	Description
8614	0	None
3680	1	1-2 times
1808	2	3-4 times
1981	3	5 or more times
5	Q	DK/Refuse
25		Missing

SLEA4		4. Did you have trouble falling asleep?
N	Value	Description
8588	1	No, not in the past four weeks
1025	2	Yes, less than once a week
2604	3	Yes, 1 or 2 times a week
1728	4	Yes, 3 or 4 times a week
2133	5	Yes, 5 or more times a week
2	Q	DK/Refuse
33		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA5		5. Did you wake up several times at night?
N	Value	Description
5909	1	No, not in the past four weeks
1111	2	Yes, less than once a week
3462	3	Yes, 1 or 2 times a week
2408	4	Yes, 3 or 4 times a week
3185	5	Yes, 5 or more times a week
6	Q	DK/Refuse
32		Missing

SLEA6		6. Did you wake up earlier than you planned to?
N	Value	Description
7867	1	No, not in the past four weeks
1177	2	Yes, less than once a week
3286	3	Yes, 1 or 2 times a week
1922	4	Yes, 3 or 4 times a week
1819	5	Yes, 5 or more times a week
9	Q	DK/Refuse
33		Missing

SLEA7		7. Did you have trouble getting back to sleep after you woke up too early?
N	Value	Description
9335	1	No, not in the past four weeks
922	2	Yes, less than once a week
2461	3	Yes, 1 or 2 times a week
1571	4	Yes, 3 or 4 times a week
1598	5	Yes, 5 or more times a week
15	Q	DK/Refuse
211		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA8		8. Did you take sleeping pills to help you sleep?
N	Value	Description
13961	1	No, not in the past four weeks
378	2	Yes, less than once a week
539	3	Yes, 1 or 2 times a week
306	4	Yes, 3 or 4 times a week
899	5	Yes, 5 or more times a week
3	Q	DK/Refuse
27		Missing

SLEA9		9. Did you have sleep difficulties that made you very irritable?
N	Value	Description
12284	1	No, not in the past four weeks
722	2	Yes, less than once a week
1488	3	Yes, 1 or 2 times a week
828	4	Yes, 3 or 4 times a week
754	5	Yes, 5 or more times a week
7	Q	DK/Refuse
30		Missing

SLEA10		10. Did you feel overly sleepy during the day?
N	Value	Description
7990	1	No, not in the past four weeks
1192	2	Yes, less than once a week
3379	3	Yes, 1 or 2 times a week
1787	4	Yes, 3 or 4 times a week
1727	5	Yes, 5 or more times a week
9	Q	DK/Refuse
29		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA11		11. Overall, was your typical night's sleep during the past 4 weeks:
N	Value	Description
1657	0	Very sound or restful
4827	1	Sound or restful
6502	2	Average quality
2351	3	Restless
733	4	Very restless
12	Q	DK/Refuse
31		Missing

12. What is the chance that you would doze off or fall asleep (not just "feel tired") in each of the following situations? If you are never or rarely in the situation, please give your best guess for what would happen.

SLEA12A		a. Sitting and reading
N	Value	Description
7871	1	No chance
3861	2	Slight chance
2113	3	Moderate chance
2228	4	High chance
4	Q	DK/Refuse
36		Missing

SLEA12B		b. Watching TV
N	Value	Description
5465	1	No chance
4672	2	Slight chance
3000	3	Moderate chance
2935	4	High chance
5	Q	DK/Refuse
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

SLEA12C		<i>c. Sitting inactive in a public place (such as a theater or a meeting)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11345	1	No chance
2533	2	Slight chance
1183	3	Moderate chance
1013	4	High chance
5	Q	DK/Refuse
34		Missing

SLEA12D		<i>d. Riding as a passenger in a car for an hour without a break</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9469	1	No chance
2912	2	Slight chance
1835	3	Moderate chance
1859	4	High chance
3	Q	DK/Refuse
35		Missing

SLEA12E		<i>e. Lying down to rest in the afternoon when circumstances permit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5157	1	No chance
4181	2	Slight chance
3178	3	Moderate chance
3550	4	High chance
14	Q	DK/Refuse
33		Missing

SLEA12F		<i>f. Sitting and talking to someone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13993	1	No chance
1319	2	Slight chance
460	3	Moderate chance
306	4	High chance
1	Q	DK/Refuse
34		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA12G		<i>g. Sitting quietly after a lunch without alcohol</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10281	1	No chance
2848	2	Slight chance
1651	3	Moderate chance
1294	4	High chance
2	Q	DK/Refuse
37		Missing

SLEA12H		<i>h. In a car, while stopped for a few minutes in traffic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13772	1	No chance
1392	2	Slight chance
518	3	Moderate chance
391	4	High chance
4	Q	DK/Refuse
36		Missing

SLEA12I		<i>i. At the dinner table</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15287	1	No chance
539	2	Slight chance
138	3	Moderate chance
114	4	High chance
2	Q	DK/Refuse
33		Missing

SLEA12J		<i>j. While driving</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14855	1	No chance
716	2	Slight chance
220	3	Moderate chance
116	4	High chance
62	Q	DK/Refuse
144		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

SLEA13		13. How often do you snore now?
N	Value	Description
2994	1	Never
2206	2	Rarely (1-2 nights a week)
2740	3	Sometimes (3-5 nights a week)
3592	4	Always or almost always (6-7 nights a week)
4544	9	Don't know
2	Q	DK/Refuse
35		Missing

SLEA14		14. How often do you have times when you stop breathing during your sleep?
N	Value	Description
6769	1	Never
1111	2	Rarely (1-2 nights a week)
975	3	Sometimes (3-5 nights a week)
354	4	Always or almost always (6-7 nights a week)
6869	9	Don't know
2	Q	DK/Refuse
33		Missing

SLEA15		15. Do you ever experience a desire to move your legs because of discomfort or disagreeable sensations in your legs?
N	Value	Description
8642	0	No
7187	1	Yes
248	9	Don't Know
1	Q	DK/Refuse
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

SLEA16		16. Do you sometimes feel the need to move to relieve the discomfort, for example by walking, or to relieve the discomfort by rubbing your legs?
N	Value	Description
983	0	No
6169	1	Yes
32	9	Don't know
2	Q	DK/Refuse
8890	.S	Skip Rule Followed
37		Missing

SLEA17		17. Are these symptoms worse when you are at rest, with at least temporary relief by activity?
N	Value	Description
2130	0	No
4882	1	Yes
163	9	Don't know
9	Q	DK/Refuse
8890	.S	Skip Rule Followed
39		Missing

SLEA18		18. Are these symptoms worse later in the day or at night? (**NOTE: English/Spanish translation does not match. Please refer to forms before using for analyses.)
N	Value	Description
1857	0	No
5159	1	Yes
152	9	Don't know
7	Q	DK/Refuse
8890	.S	Skip Rule Followed
48		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Social Network Index: FORM CODE=SNE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

SNEA0A		0a. Date of form completion:
N	Value	Description
16093	Range	03/04/2008 - 07/12/2011
14		Missing

SNEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

SNEA1		1. How many children do you have?
N	Value	Description
1	9	
2909	0	None [skip to Q.3]
2426	1	1
3883	2	2
3401	3	3
1766	4	4
813	5	5
424	6	6
459	7	7 or more
2	Q	DK/Refuse [skip to Q.3]
23		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

SNEA2		2. How many of your children do you see or talk to on the phone at least once every 2 weeks?
N	Value	Description
1	9	
387	0	None
2966	1	1
3996	2	2
3085	3	3
1469	4	4
623	5	5
304	6	6
341	7	7 or more
1	Q	DK/Refuse
2909	.S	Skip Rule Followed
25		Missing

SNEA3		3. Are either of your parents living?
N	Value	Description
4782	0	Neither [skip to Q.5]
4182	1	Mother only
1108	2	Father only
6000	3	Both
10	Q	DK/Refuse [skip to Q.5]
25		Missing

SNEA4		4. Do you see or talk on the phone to either of your parents at least once every 2 weeks?
N	Value	Description
1272	0	Neither
4799	1	Mother only
824	2	Father only
4397	3	Both
2	Q	DK/Refuse
4782	.S	Skip Rule Followed
31		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

SNEA5		5. Are either of your in-laws (or partner's parents) living?
N	Value	Description
4602	0	Neither <i>[skip to Q.7]</i>
2853	1	Mother only
760	2	Father only
4178	3	Both
3609	4	Not applicable <i>[skip to Q.7]</i>
17	Q	DK/Refuse <i>[skip to Q.7]</i>
88		Missing

SNEA6		6. Do you see or talk on the phone to either of your in-laws (or partner's parents) at least once every 2 weeks?
N	Value	Description
3196	0	Neither
2174	1	Mother only
406	2	Father only
2021	3	Both
10	Q	DK/Refuse
8211	.S	Skip Rule Followed
89		Missing

SNEA7		7. How many other relatives (other than your spouse, parents & children) do you feel close to?
N	Value	Description
1655	0	None
2387	1	1
2430	2	2
1846	3	3
1617	4	4
1268	5	5
758	6	6
4103	7	7 or more
5	Q	DK/Refuse
38		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

**Tobacco Use: FORM CODE=TBE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

TBEA0A		0a. Date of form completion:
N	Value	Description
16337	Range	03/04/2008 - 06/30/2011
9		Missing

TBEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Cigarette Smoking

TBEA1		1. Have you ever smoked at least 100 cigarettes in your entire life?
N	Value	Description
9923	0	No [skip to Q.10]
6406	1	Yes
3	Q	DK/Refuse [skip to Q.10]
14		Missing

TBEA2		2. How old were you when you first started to smoke cigarettes fairly regularly? (99=Never smoked cigarettes regularly)
N	Value	Description
6395	Range	0 - 99 ( median=17 mean=18.8 std=10.5 )
9923	.S	Skip Rule Followed
28		Missing

TBEA3		3. Do you NOW smoke daily, some days or not at all?
N	Value	Description
2165	1	Daily [skip to Q.4]
1003	2	Some days [skip to Q.5]
3234	3	Not at all [skip to Q.6]
9923	.S	Skip Rule Followed
21		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms****B. Smoke Daily**

<i>TBEA4</i>		<i>4. How many cigarettes do you smoke per day now? (1 = 1 or fewer per day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2169	Range	0 - 70 ( median=10 mean=11.0 std=8.6 )
14160	.S	Skip Rule Followed
17		Missing

<i>TBEA4A</i>		<i>4a. Did you ever quit smoking for 6 months or longer?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1203	0	No [skip to Q.9]
969	1	Yes
14160	.S	Skip Rule Followed
14		Missing

<i>TBEA4B</i>		<i>4b. For how many years in total did you quit smoking?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
948	Range	0 - 53 ( median=1 mean=3.0 std=4.3 )
15363	.S	Skip Rule Followed
35		Missing

**C. Smoke Some Days**

<i>TBEA5</i>		<i>5. During the past 30 days, how many days did you smoke cigarettes?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1005	Range	0 - 30 ( median=7 mean=10.0 std=8.6 )
15326	.S	Skip Rule Followed
15		Missing

<i>TBEA5A</i>		<i>5a. During the past 30 days, on days that you smoked, how many cigarettes did you smoke per day? (1 = 1 or fewer per day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
996	Range	0 - 80 ( median=2 mean=3.5 std=5.2 )
15326	.S	Skip Rule Followed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

TBEA5B		5b. Did you ever quit smoking for 6 months or longer?
N	Value	Description
263	0	No [skip to Q.9]
742	1	Yes
15326	.S	Skip Rule Followed
15		Missing

TBEA5C		5c. For how many years in total did you quit smoking?
N	Value	Description
723	Range	0 - 99 ( median=2 mean=4.3 std=6.6 )
15589	.S	Skip Rule Followed
34		Missing

**D. Currently Smoke Not at All**

TBEA6		6. How old were you when you completely stopped smoking?
N	Value	Description
3221	Range	1 - 73 ( median=35 mean=36.5 std=12.4 )
13097	.S	Skip Rule Followed
28		Missing

TBEA6A		6a. When you were a smoker, did you ever quit smoking for 6 months or longer before you completely stopped smoking?
N	Value	Description
1892	0	No [skip to Q.7]
1334	1	Yes
2	Q	DK/Refuse [skip to Q.7]
13097	.S	Skip Rule Followed
21		Missing

TBEA6B		6b. During the time that you were a smoker, for how many years in total did you quit smoking?
N	Value	Description
1290	Range	0 - 42 ( median=2 mean=3.6 std=5.7 )
14989	.S	Skip Rule Followed
67		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms****E. Smoking Cessation**

<i>TBEA7</i>		<i>7. What is the main reason you quit smoking cigarettes?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
282	1	Advice of physician
3119	2	Health reasons, self-initiated, including disease precaution
416	3	Pressure from others, excluding physician
1109	4	Other
1	Q	DK/Refuse
11390	.S	Skip Rule Followed
29		Missing

<i>TBEA7A</i>		<i>If other, please specify:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16302	Present	Variable/Text Values Suppressed
44		Missing

<i>TBEA8A</i>		<i>8a. Has a doctor ever prescribed any aids to help you quit smoking, such as nicotine replacement gum, the patch, or any type of medication?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4638	0	No
298	1	Yes
1	Q	DK/Refuse
11390	.S	Skip Rule Followed
19		Missing

<i>TBEA8B</i>		<i>8b. Have you ever used any over-the-counter aids to help you quit smoking, such as nicotine replacement gum, the patch, or any type of medication?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4632	0	No
304	1	Yes
1	Q	DK/Refuse
11390	.S	Skip Rule Followed
19		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

TBEA8C		8c. Have you ever used behavioral or group therapy to help you quit smoking?
N	Value	Description
4839	0	No
96	1	Yes
1	Q	DK/Refuse
11390	.S	Skip Rule Followed
20		Missing

TBEA9		9. Of the entire time you have or had smoked, on average how many cigarettes do you or did you smoke per day? (1 = 1 or fewer per day)
N	Value	Description
6391	Range	0 - 99 ( median=8 mean=11.7 std=11.7 )
9923	.S	Skip Rule Followed
32		Missing

#### F. Pipe Smoking

TBEA10		10. Have you ever smoked a pipe regularly? (Regularly means more than 12 oz. of tobacco in a lifetime.)
N	Value	Description
16065	0	No
251	1	Yes
1	Q	DK/Refuse
29		Missing

#### G. Cigar Smoking

TBEA11		11. Have you ever smoked cigars regularly? (Regularly means more than 1 cigar/week for one year at any time in your life.)
N	Value	Description
15552	0	No
772	1	Yes
22		Missing

#### H. Second-hand Smoke Exposure

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

## Section B: Questionnaire Forms

TBEA12		12. Before age 13, did you live with a regular cigarette smoker who smoked in your home?
N	Value	Description
7940	0	No [skip to Q.14]
8337	1	Yes
42	9	Don't know [skip to Q.14]
3	Q	DK/Refuse [skip to Q.14]
24		Missing

TBEA13		13. Did your mother smoke in your home?
N	Value	Description
4580	0	No
3748	1	Yes
10	9	Don't know
1	Q	DK/Refuse
7982	.S	Skip Rule Followed
25		Missing

TBEA14		14. Not counting yourself, how many people currently living in your household smoke regularly in the home?
N	Value	Description
13080	0	None
2380	1	1 person [skip to Q.16]
636	2	2 people [skip to Q.16]
152	3	3 people [skip to Q.16]
75	4	4 or more people [skip to Q.16]
23		Missing

TBEA15		15. Since age 13 have you ever lived with a regular cigarette smoker (not including yourself) who smoked in your home?
N	Value	Description
7340	0	No
5732	1	Yes
5	Q	DK/Refuse
3243	.S	Skip Rule Followed
26		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

<i>TBEA16</i>		<i>16. During the past year, how many hours per week, on average, were you in close contact with people who were smoking? This includes time at home, at work, in a car, or other close quarters.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16107	Range	0 - 240 ( median=0 mean=5.9 std=16.9 )
239		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

Well Being: FORM CODE=WBE VERSION=A

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

WBEA0A		0a. Date of form completion:
N	Value	Description
16085	Range	02/23/2008 - 06/30/2011
16		Missing

WBEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. CES-D 10

WBEA1		1. I was bothered by things that usually don't bother me.
N	Value	Description
10138	0	Rarely or none of the time (<1 day)
3841	1	Some or a little of the time (1-2 days)
1275	2	Occasionally or a moderate amount of time (3-4 days)
797	3	All of the time (5-7 days)
15	Q	DK/Refuse
35		Missing

WBEA2		2. I had trouble keeping my mind on what I was doing.
N	Value	Description
8957	0	Rarely or none of the time (<1 day)
4292	1	Some or a little of the time (1-2 days)
1544	2	Occasionally or a moderate amount of time (3-4 days)
1266	3	All of the time (5-7 days)
7	Q	DK/Refuse
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

WBEA3		3. I felt depressed.
N	Value	Description
8288	0	Rarely or none of the time (<1 day)
4514	1	Some or a little of the time (1-2 days)
1602	2	Occasionally or a moderate amount of time (3-4 days)
1658	3	All of the time (5-7 days)
6	Q	DK/Refuse
33		Missing

WBEA4		4. I felt that everything I did was an effort.
N	Value	Description
9147	0	Rarely or none of the time (<1 day)
3522	1	Some or a little of the time (1-2 days)
1506	2	Occasionally or a moderate amount of time (3-4 days)
1882	3	All of the time (5-7 days)
9	Q	DK/Refuse
35		Missing

WBEA5		5. I felt hopeful about the future.
N	Value	Description
1932	0	Rarely or none of the time (<1 day)
2948	1	Some or a little of the time (1-2 days)
2166	2	Occasionally or a moderate amount of time (3-4 days)
9000	3	All of the time (5-7 days)
16	Q	DK/Refuse
39		Missing

WBEA6		6. I felt fearful.
N	Value	Description
11123	0	Rarely or none of the time (<1 day)
3057	1	Some or a little of the time (1-2 days)
995	2	Occasionally or a moderate amount of time (3-4 days)
884	3	All of the time (5-7 days)
7	Q	DK/Refuse
35		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

<i>WBEA7</i>		<i>7. My sleep was restless.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7726	0	Rarely or none of the time (<1 day)
4076	1	Some or a little of the time (1-2 days)
1935	2	Occasionally or a moderate amount of time (3-4 days)
2321	3	All of the time (5-7 days)
9	Q	DK/Refuse
34		Missing

<i>WBEA8</i>		<i>8. I was happy.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1228	0	Rarely or none of the time (<1 day)
3246	1	Some or a little of the time (1-2 days)
3206	2	Occasionally or a moderate amount of time (3-4 days)
8371	3	All of the time (5-7 days)
12	Q	DK/Refuse
38		Missing

<i>WBEA9</i>		<i>9. I felt lonely.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9500	0	Rarely or none of the time (<1 day)
3365	1	Some or a little of the time (1-2 days)
1354	2	Occasionally or a moderate amount of time (3-4 days)
1835	3	All of the time (5-7 days)
9	Q	DK/Refuse
38		Missing

<i>WBEA10</i>		<i>10. I could not get going.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8860	0	Rarely or none of the time (<1 day)
4435	1	Some or a little of the time (1-2 days)
1398	2	Occasionally or a moderate amount of time (3-4 days)
1357	3	All of the time (5-7 days)
12	Q	DK/Refuse
39		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms****B. Spielberger Trait Anxiety Scale**

<i>WBEA11</i>		<i>11. I feel nervous and restless.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	0	Almost never
5317	1	Sometimes
1267	2	Often
1337	3	Almost always
8	Q	DK/Refuse
38		Missing

<i>WBEA12</i>		<i>12. I feel satisfied with myself.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1251	0	Almost never
3443	1	Sometimes
2316	2	Often
9040	3	Almost always
10	Q	DK/Refuse
41		Missing

<i>WBEA13</i>		<i>13. I wish I could be as happy as others seem to be.</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7282	0	Almost never
3707	1	Sometimes
1359	2	Often
3680	3	Almost always
27	Q	DK/Refuse
46		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms**

WBEA14		14. I feel like a failure.
N	Value	Description
12750	0	Almost never
2323	1	Sometimes
396	2	Often
574	3	Almost always
11	Q	DK/Refuse
47		Missing

WBEA15		15. I worry too much over something that really doesn't matter.
N	Value	Description
6901	0	Almost never
5311	1	Sometimes
1473	2	Often
2363	3	Almost always
11	Q	DK/Refuse
42		Missing

WBEA16		16. I lack self-confidence.
N	Value	Description
10660	0	Almost never
3358	1	Sometimes
612	2	Often
1415	3	Almost always
13	Q	DK/Refuse
43		Missing

WBEA17		17. I feel secure.
N	Value	Description
1023	0	Almost never
2940	1	Sometimes
1793	2	Often
10292	3	Almost always
10	Q	DK/Refuse
43		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

WBEA18		18. I feel inadequate.
N	Value	Description
11086	0	Almost never
3620	1	Sometimes
582	2	Often
700	3	Almost always
36	Q	DK/Refuse
77		Missing

WBEA19		19. I am a steady person.
N	Value	Description
855	0	Almost never
2440	1	Sometimes
1831	2	Often
10909	3	Almost always
20	Q	DK/Refuse
46		Missing

WBEA20		20. I get in a state of tension or turmoil as I think over my recent concerns and interests.
N	Value	Description
5347	0	Almost never
6084	1	Sometimes
1723	2	Often
2875	3	Almost always
10	Q	DK/Refuse
62		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

**Section B: Questionnaire Forms****Weight History: FORM CODE=WHE VERSION=A**

**Instructions:** Enter the answer given by the participant for each response. The special value, "Q", is allowed for cases where the response 'Don't know/refused' is not listed as an option.

WHEA0A		0a. Date of form completion:
N	Value	Description
16113	Range	01/10/2008 - 06/30/2011
6		Missing

WHEA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

WHEA1		1. Under 21 years old
N	Value	Description
15279	0	No
800	1	Yes [skip to Q.6]
5	Q	DK/Refuse [skip to Q.6]
35		Missing

WHEA2A_CM		2. How tall were you (without shoes on) at about age 21 (your tallest adult height)?
N	Value	Description
13125	Range	100 - 243.84 ( median=162.56 mean=162.804 std=10.131 )
2994		Missing

WHEA3A_KG		3. What was your weight at about age 21? (Women, when you were not pregnant)
N	Value	Description
14662	Range	22 - 204.54545455 ( median=59.090909091 mean=61.9551468856 std=14.7727675223 )
800	.S	Skip Rule Followed
657		Missing

WHEA4A_KG		4. What was your weight at about age 45? (Women, when you were not pregnant)
N	Value	Description
9327	Range	29.545454545 - 200 ( median=70 mean=72.8 std=15.9 )
800	.S	Skip Rule Followed
5992		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section B

### Section B: Questionnaire Forms

WHEA5A_KG		5. What was your weight at about age 65?
N	Value	Description
1296	Range	0 - 163.63636364 ( median=72.727272727 mean=74.5872615039 std=14.6986852340 )
800	.S	Skip Rule Followed
14023		Missing

WHEA6A_KG		6. How much has your weight changed in the last 12 months?
N	Value	Description
14029	Range	0 - 180 ( median=4.5454545455 mean=6.50552427115 std=10.67336896450 )
800	.S	Skip Rule Followed
1290		Missing

WHEA7		7. Was this change a loss or a gain?
N	Value	Description
4348	1	Loss
7072	2	Gain
54	Q	DK/Refuse
4073	.S	Skip Rule Followed
572		Missing

WHEA8		8. Did you lose/gain weight because you were trying to lose/gain weight?
N	Value	Description
8604	0	No
2837	1	Yes
47	Q	DK/Refuse
4073	.S	Skip Rule Followed
558		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

### Section C: Administrative Forms

#### Informed Consent Tracking - Version A: FORM CODE=ICT VERSION=A

**Instructions:** After obtaining the participants witnessed signature on the informed consent document during the visit, key the responses on this screen from that document. Enter only one form per participant. If any aspect of consent is modified by the participant at a later date (such as a new restriction) update the completion date and staff ID fields to reflect the time of that change and who recorded the change in consent.

ICTA0A		0a. Completion Date:
N	Value	Description
2694	Range	03/04/2008 - 06/09/2010

ICTA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Elements of INFORMED CONSENT

ICTA1		1. Agrees to participate in HCHS/SOL
N	Value	Description
2694	1	Yes

ICTA2		2. Agrees to release findings from examinations and non-genetic tests to their physician or clinic.
N	Value	Description
526	0	No
2164	1	Yes
1	Q	DK/Refuse
3		Missing

ICTA3		3. Agrees to yearly contact by the HCHS/SOL staff to answer questions about health & update address
N	Value	Description
4	0	No
2690	1	Yes

ICTA4		4. Agrees to provide a blood sample for DNA and RNA that can be extracted, stored and used can be extracted, stored and used can be extracted, stored and used
N	Value	Description
53	0	No
2639	1	Yes
2		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

**Section C: Administrative Forms**

ICTA5		5. Any exceptions for type of health related genetic research:
N	Value	Description
2672	0	No
5	1	Yes
17		Missing

ICTA5A		5a. If yes, specify restrictions
N	Value	Description
2672	Present	Variable/Text Values Suppressed
22		Missing

ICTA6		6. Agrees to share "de-identified" blood, genetic material (DNA/RNA) and other information with HCHS/SOL researchers and their collaborators
N	Value	Description
109	0	No
2582	1	Yes
3		Missing

ICTA7		7. Agrees to share "de-identified" blood, genetic material
N	Value	Description
336	0	No
2351	1	Yes
7		Missing

ICTA8		8. Wishes to be notified of genetic conditions with important
N	Value	Description
43	0	No
2647	1	Yes
4		Missing

ICTA9		9. Grants permission for recording interviews for QC purposes
N	Value	Description
54	0	No
2631	1	Yes
9		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

### Section C: Administrative Forms

ICTA10		10. Any other restrictions noted?
<i>N</i>	<i>Value</i>	<i>Description</i>
2661	0	No
11	1	Yes
22		Missing

ICTA10A		10a. If yes, specify restrictions
<i>N</i>	<i>Value</i>	<i>Description</i>
2670	Present	Variable/Text Values Suppressed
24		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

### Section C: Administrative Forms

#### Informed Consent Tracking - Version B: FORM CODE=ICT VERSION=B

**Instructions:** After obtaining the participants witnessed signature on the informed consent document during the visit, key the responses on this screen from that document. Enter only one form per participant. If any aspect of consent is modified by the participant at a later date (such as a new restriction) update the completion date and staff ID fields to reflect the time of that change and who recorded the change in consent.

ICTB0A		0a. Completion Date:
N	Value	Description
13717	Range	11/21/2008 - 06/30/2011
4		Missing

ICTB0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

#### A. Elements of INFORMED CONSENT

ICTB1		1. Agrees to participate in HCHS/SOL examination and procedures and be contacted once per year by HCHS/SOL personnel to answer questions about health and update address and phone number.
N	Value	Description
13721	1	Yes

ICTB2		2. Agrees to release findings from examinations and non-genetic tests to their physician, clinic, or person designated.
N	Value	Description
1	2	
4513	0	No
9194	1	Yes
1	.S	Skip Rule Followed
12		Missing

ICTB3		3. Agrees to allow samples (blood and urine) to be used for current and future research done by scientists who collaborate with SOL.
N	Value	Description
77	0	No
13642	1	Yes
1	.S	Skip Rule Followed
1		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

## Section C: Administrative Forms

ICTB4		4. Agrees to allow blood to be used to obtain genetic material to be stored for future use by HCHS/SOL and investigators they work with.
N	Value	Description
273	0	No
13446	1	Yes
1	.S	Skip Rule Followed
1		Missing

ICTB5		5. Agrees to be notified of genetic results that are significant to my health or the health of my family.
N	Value	Description
197	0	No
13523	1	Yes
1	.S	Skip Rule Followed

ICTB6		6. Agrees to be contacted in the future for health-related studies by HCHS/SOL personnel.
N	Value	Description
176	0	No
13539	1	Yes
1	.S	Skip Rule Followed
5		Missing

ICTB7		7. Agrees to share non-genetic data, information and samples available to investigators not associated to HCHS/SOL and specialized laboratories.
N	Value	Description
2494	0	No
11220	1	Yes
1	.S	Skip Rule Followed
6		Missing

ICTB8		8. Agrees to share genetic data, information and samples available to investigators not associated to HCHS/SOL and specialized laboratories
N	Value	Description
2803	0	No
10910	1	Yes
1	.S	Skip Rule Followed
7		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 1 Section C

### Section C: Administrative Forms

ICTB9		9. Commercial or for-profit companies that are not part of HCHS/SOL may use genetic and non-genetic information data and samples to do research to develop new diagnostic tests and medical treatments that may benefit many people.
N	Value	Description
3713	0	No
9990	1	Yes
1	.S	Skip Rule Followed
17		Missing

ICTB10		10. Any other restrictions noted?
N	Value	Description
11920	0	No restrictions
213	1	Hepatitis testing
876	2	Oral glucose load
138	3	Oral/dental exam
103	4	Lung function test
206	5	Audio recording interviews
1	6	Audiometric examination
136	7	Other restriction
1	.S	Skip Rule Followed
127		Missing

ICTB10A		10a. If other, specify restriction
N	Value	Description
13445	Present	Variable/Text Values Suppressed
276		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

Laboratory Data: FORM CODE=LAB VERSION=A

LABA1		White Blood Count (x10e9)
N	Value	Description
15218	Range	1.2 - 31.8 ( median=6.3 mean=6.50 std=1.91 )
1070		Missing

LABA1A		Date OF CBC and differential counts
N	Value	Description
16241	Range	03/04/2008 - 08/04/2011
47		Missing

LABA2		Red Blood Count (x10e12)
N	Value	Description
16138	Range	1.69 - 7.61 ( median=4.69 mean=4.721 std=0.445 )
150		Missing

LABA3		Hemoglobin (g/dL)
N	Value	Description
16137	Range	4.3 - 20.6 ( median=13.7 mean=13.77 std=1.53 )
151		Missing

LABA4		% Hematocrit
N	Value	Description
16138	Range	15.1 - 63.4 ( median=41.9 mean=42.02 std=4.11 )
150		Missing

LABA5		Mean Corpuscular Volume (fl)
N	Value	Description
16138	Range	54 - 130 ( median=89 mean=89.2 std=5.9 )
150		Missing

LABA6		Mean Corpuscular Hemoglobin (pg)
N	Value	Description
16137	Range	12.5 - 49.8 ( median=29.5 mean=29.19 std=2.20 )
151		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA7		Mean Corpuscular Hemoglobin Concentration (g/dL)
N	Value	Description
16137	Range	22.2 - 51.7 ( median=32.9 mean=32.74 std=1.45 )
151		Missing

LABA8		% Red Cell Distribution Width
N	Value	Description
16136	Range	11.4 - 30.1 ( median=13.4 mean=13.71 std=1.30 )
152		Missing

LABA9		Platelet Count (x10e9)
N	Value	Description
16126	Range	26 - 874 ( median=248 mean=252.9 std=65.0 )
162		Missing

LABA10		% Neutrophils
N	Value	Description
15215	Range	0 - 100 ( median=56 mean=54.5 std=11.3 )
1073		Missing

LABA11		% Lymphocytes
N	Value	Description
15215	Range	5 - 90 ( median=33 mean=33.8 std=9.5 )
1073		Missing

LABA12		% Monocytes
N	Value	Description
15221	Range	0 - 47 ( median=8 mean=8.2 std=2.7 )
1067		Missing

LABA13		% Eosinophils
N	Value	Description
15217	Range	0 - 37 ( median=2 mean=2.9 std=2.7 )
1071		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA14		% Basophils
N	Value	Description
15195	Range	0 - 7 ( median=0.5 mean=0.55 std=0.57 )
1093		Missing

LABA15		% Bands
N	Value	Description
2	Range	0 - 5 ( median=2.5 mean=2.50 std=3.54 )
16286		Missing

LABA16		% Metamyelocytes
N	Value	Description
4	Range	1 - 2 ( median=1.5 mean=1.50 std=0.58 )
16284		Missing

LABA17		% Myelocytes
N	Value	Description
17	Range	1 - 10 ( median=1 mean=1.8 std=2.2 )
16271		Missing

LABA18		% Promyelocytes
N	Value	Description
16288		Missing

LABA19		% Blasts
N	Value	Description
1	Range	6 - 6 ( median=6 mean=6.0 std= )
16287		Missing

LABA20		% Plasma Cells
N	Value	Description
1	Range	1 - 1 ( median=1 mean=1.0 std= )
16287		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA21		% Other Cells
N	Value	Description
16288		Missing

LABA22		Nucleated Red Blood Cells (/100)
N	Value	Description
96	Range	1 - 43 ( median=1 mean=2.8 std=6.1 )
16192		Missing

LABA23		Neutrophil Count (x10e9)
N	Value	Description
15216	Range	0 - 26.7 ( median=3.5 mean=3.65 std=1.53 )
1072		Missing

LABA24		Lymphocyte Count (x10e9)
N	Value	Description
15215	Range	0.3 - 12.5 ( median=2 mean=2.1 std=0.7 )
1073		Missing

LABA25		Monocyte Count (x10e9)
N	Value	Description
15222	Range	0 - 14.8 ( median=0.5 mean=0.52 std=0.22 )
1066		Missing

LABA26		Eosinophil Count (x10e9)
N	Value	Description
15218	Range	0 - 230 ( median=0.1 mean=0.20 std=1.87 )
1070		Missing

LABA27		Basophil Count (x10e9)
N	Value	Description
15196	Range	0 - 1.4 ( median=0 mean=0.0 std=0.0 )
1092		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA28		Band Count (x10e9)
N	Value	Description
2	Range	0 - 0.2 ( median=0.1 mean=0.10 std=0.14 )
16286		Missing

LABA29		Metamyelocyte Count (x10e9)
N	Value	Description
4	Range	0 - 0.4 ( median=0.1 mean=0.15 std=0.17 )
16284		Missing

LABA30		Myelocyte Count (x10e9)
N	Value	Description
17	Range	0 - 2 ( median=0.1 mean=0.21 std=0.47 )
16271		Missing

LABA31		Promyelocyte Count (x10e9)
N	Value	Description
16288		Missing

LABA32		Blast Count (x10e9)
N	Value	Description
1	Range	1.2 - 1.2 ( median=1.2 mean=1.20 std= )
16287		Missing

LABA33		Plasma Cell Count (x10e9)
N	Value	Description
1	Range	0.1 - 0.1 ( median=0.1 mean=0.10 std= )
16287		Missing

LABA34		Other Cell Count (x10e9)
N	Value	Description
16288		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

LABA35		RBC Morphology
N	Value	Description
8	Cells too	
179	Normal	
16101		Missing

LABA36		Anisocytosis
N	Value	Description
5	Marked	
6	Moderate	
48	Slight	
16229		Missing

LABA37		Poikilocytosis
N	Value	Description
8	Marked	
19	Moderate	
132	Slight	
16129		Missing

LABA38		Polychromasia
N	Value	Description
16288		Missing

LABA39		Helmet Cells
N	Value	Description
16288		Missing

LABA40		Spherocytes
N	Value	Description
16288		Missing

LABA41		RBC Fragments
N	Value	Description
1	Slight	
16287		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

<i>LABA42</i>		<i>Bite Cells</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Slight	
16287		Missing

<i>LABA43</i>		<i>Sickle Cells</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA44</i>		<i>Teardrop Cells</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Moderate	
5	Slight	
16282		Missing

<i>LABA45</i>		<i>Acanthocytes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Moderate	
4	Slight	
16283		Missing

<i>LABA46</i>		<i>Ovalocytes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	Moderate	
22	Slight	
16263		Missing

<i>LABA47</i>		<i>Elliptocytes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA48</i>		<i>Stomatocytes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA49		Burr Cells
N	Value	Description
10	Marked	
17	Moderate	
92	Slight	
16169		Missing

LABA50		Target Cells
N	Value	Description
1	Slight	
16287		Missing

LABA51		Microcytes
N	Value	Description
2	Present	
16286		Missing

LABA52		Macrocytes
N	Value	Description
2	Present	
16286		Missing

LABA53		Reactive Lymphocytes
N	Value	Description
16288		Missing

LABA54		Atypical Lymphocytes
N	Value	Description
16288		Missing

LABA55		Hypochromasia
N	Value	Description
3	Present	
16285		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

<i>LABA56</i>		<i>Basophilic Stipling</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA57</i>		<i>Howell Jolly Bodies</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Present	
16287		Missing

<i>LABA58</i>		<i>Papenheimer Bodies</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Present	
16287		Missing

<i>LABA59</i>		<i>Rouleaux</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA60</i>		<i>Pelger Huet Anomaly</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA61</i>		<i>Auer Rods</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

<i>LABA62</i>		<i>Dohle Bodies</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Present	
16287		Missing

<i>LABA63</i>		<i>Hypersegmented Neutrophils</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16288		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

LABA64		Smudge Cells
N	Value	Description
16288		Missing

LABA65		Toxic Granulation
N	Value	Description
16288		Missing

LABA66		Total cholesterol (mg/dL)
N	Value	Description
16248	Range	62 - 960 ( median=196 mean=199.2 std=44.1 )
40		Missing

LABA66A		Date of Lipids, Chemistries, Glucose
N	Value	Description
16283	Range	03/04/2008 - 07/05/2011
5		Missing

LABA67		Triglycerides (mg/dL)
N	Value	Description
16248	Range	20 - 7290 ( median=115 mean=139.9 std=128.5 )
40		Missing

LABA68		HDL-cholesterol (mg/dL)
N	Value	Description
16246	Range	9 - 141 ( median=47 mean=49.2 std=13.0 )
42		Missing

LABA69		LDL-cholesterol (mg/dL)
N	Value	Description
15918	Range	21 - 417 ( median=120 mean=122.6 std=36.6 )
370		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

<i>LABA70</i>		<i>Glucose, fasting (mg/dL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16220	Range	52 - 642 ( median=95 mean=104.8 std=37.3 )
68		Missing

<i>LABA71</i>		<i>Glucose, post OGTT (mg/dL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13272	Range	29 - 398 ( median=115 mean=123.3 std=42.7 )
3016		Missing

<i>LABA72</i>		<i>% Glycosylated Hemoglobin</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16208	Range	3.3 - 19.1 ( median=5.6 mean=5.90 std=1.30 )
80		Missing

<i>LABA72A</i>		<i>Date of Hb A1c</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16257	Range	03/04/2008 - 06/30/2011
31		Missing

<i>LABA73</i>		<i>Insulin, fasting (mU/L): (Refer to INSULIN_FAST variable in the Participant Derived Variable File)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>LABA73_CALIB</i>		<i>Insulin, fasting - Calibrated (mU/L): (Refer to INSULIN_FAST variable in the Participant Derived Variable File)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>LABA73A</i>		<i>Date of Insulin measures (Refer to INSULIN_DATE variable in the Participant Derived Variable File)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>LABA74</i>		<i>Alanine aminotransferase (U/L)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16244	Range	5 - 782 ( median=22 mean=27.8 std=24.9 )
44		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

LABA75		Aspartate aminotransferase (U/L)
N	Value	Description
16243	Range	5 - 515 ( median=21 mean=24.9 std=18.3 )
45		Missing

LABA76		Creatinine (mg/dL)
N	Value	Description
16247	Range	0.2 - 15.14 ( median=0.79 mean=0.828 std=0.343 )
41		Missing

LABA77		eGFR (see Participant Derived File for updated eGFR variable)
N	Value	Description
		This variable has been removed

LABA78		eGFR if black (see Participant Derived File for updated eGFR variable)
N	Value	Description
		This variable has been removed

LABA79		Urine creatinine, random (mg/dL)
N	Value	Description
16211	Range	5 - 666 ( median=128 mean=138.6 std=78.7 )
77		Missing

LABA79A		Date of Urinalysis
N	Value	Description
16285	Range	03/04/2008 - 07/05/2011
3		Missing

LABA80		Urine microalbumin, random (mg/dL)
N	Value	Description
15547	Range	2 - 10900 ( median=9 mean=40.8 std=257.0 )
741		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA81		Albumin/creatinine ratio (mg/g)
N	Value	Description
15549	Range	0.83 - 16769.23 ( median=6.57 mean=38.125 std=300.755 )
739		Missing

LABA82		Iron (ug/dL)
N	Value	Description
16243	Range	7 - 381 ( median=86 mean=89.2 std=34.6 )
45		Missing

LABA83		Total Iron Binding Capacity (TIBC) (ug/dL)
N	Value	Description
16243	Range	140 - 614 ( median=317 mean=321.0 std=48.5 )
45		Missing

LABA84		% Transferrin saturation
N	Value	Description
16243	Range	2 - 99 ( median=28 mean=28.6 std=11.9 )
45		Missing

LABA85		Hepatitis A serology (Hep A Total Antibody)
N	Value	Description
2204	Negative	
10589	Positive	
9	Specimen n	
1	0	Positive (coding error)
3485		Missing

LABA85A		Date of Hepatitis full panel
N	Value	Description
12803	Range	04/23/2009 - 07/05/2011
3485		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

LABA86		Hepatitis B "serology" (Hep B surface antigen)
N	Value	Description
958	Negative	
36	Positive	
15294		Missing

LABA87		Hepatitis C serology (Hep C Antibody)
N	Value	Description
11	Indetermin	
11675	Negative	
321	Positive	
5	Specimen n	
1	0	Positive (coding error)
4275		Missing

LABA88		Hepatitis C RNA (IU/mL)
N	Value	Description
192	Range	0 - 45098300 ( median=1098350 mean=3371722.4 std=6154702.3 )
16096		Missing

LABA89		Hepatitis C RNA (log[IU/mL])
N	Value	Description
191	Range	3.5 - 7.7 ( median=6 mean=6.0 std=0.8 )
16097		Missing

LABA90		Insulin, post OGTT (mU/L) (Refer to INSULIN_OGTT variable in the Participant Derived Variable File)
N	Value	Description
		This variable has been removed

LABA90_CALIB		Insulin, post OGTT - Calibrated (mU/L) (Refer to INSULIN_OGTT variable in the Participant Derived Variable File)
N	Value	Description
		This variable has been removed

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

LABA91		High-sensitivity C-Reactive Protein (mg/L)
N	Value	Description
16243	Range	0.1 - 316.9 ( median=2.09 mean=4.045 std=7.197 )
45		Missing

LABA92		Hepatitis B Core Antibody
N	Value	Description
1	0.07	
1	Indetermin	
11005	Negative	
999	Positive	
5	Specimen n	
2	assay perf	
4275		Missing

LABA93		Hepatitis B Surface Antibody
N	Value	Description
9047	Negative	
2961	Positive	
5	Specimen n	
4275		Missing

LABA94		HCVABX - Hepatitis C antibody index
N	Value	Description
9478	Range	0.02 - 197 ( median=0.11 mean=0.182 std=2.738 )
6810		Missing

LABA95		HCVABC - Hepatitis C Recombinant Immunoblot Assay (RIBA)
N	Value	Description
25	Indetermin	
36	Negative	
15	Positive	
16212		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

**Section A: Laboratory Data**

LABA95A		Date of HCABC-RIBA panel
N	Value	Description
76	Range	04/24/2010 - 06/15/2011
16212		Missing

LABA96		Insulin, fasting (pmol/L - after 7/5/2010) (Refer to INSULIN_FAST variable in the Participant Derived Variable File)
N	Value	Description
		This variable has been removed

LABA96A		Date of Insulin measures - All (Refer to INSULIN_DATE variable in the Participant Derived Variable File)
N	Value	Description
		This variable has been removed

LABA97		Insulin, post OGTT (pmol/L - after 7/5/2010) (Refer to INSULIN_OGTT variable in the Participant Derived Variable File)
N	Value	Description
		This variable has been removed

LABA98		Differential parameter (DTYP) Comments
N	Value	Description
3679	Present	Variable/Text Values Suppressed
12609		Missing

LABA99		Immature Granulocytes (%)
N	Value	Description
2584	Range	0 - 17.9 ( median=0.4 mean=0.59 std=0.66 )
13704		Missing

LABA100		Absolute Immature Granulocytes (x10e9)
N	Value	Description
2584	Range	0 - 1 ( median=0 mean=0.0 std=0.1 )
13704		Missing

LABA101		Cystatin C (mg/L)
N	Value	Description
16134	Range	0.34 - 10.1 ( median=0.75 mean=0.793 std=0.293 )
154		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section A

### Section A: Laboratory Data

<i>LABA102</i>		<i>GGT (U/L)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16132	Range	2 - 3085 ( median=23 mean=35.4 std=58.4 )
156		Missing

<i>LABA103</i>		<i>Ferritin (ug/L)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15961	Range	7 - 12745 ( median=88 mean=126.7 std=168.8 )
327		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

## Section B: Reading Center Data

Spirometry Data - Initial Examination: FORM CODE=PRB VERSION=A

<i>PRBA1</i>		<i>Barometric pressure (mmHg)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15591	Range	760 - 760 ( median=760 mean=760.0 std=0.0 )
18		Missing

<i>PRBA2</i>		<i>Temperature (°C) used in BTPS calculation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 32 ( median=24 mean=23.7 std=1.7 )

<i>PRBA3</i>		<i>FVC quality attribute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11046	A	3 accept curves, highest 2 values within 100ml
2958	B	2 accept curves, highest 2 values within 150ml
1018	C	2 accept curves, highest 2 values within 200ml
454	D	1 acceptable curve plus no end of test requirement for FVC QF
133	F	No acceptable curves

<i>PRBA4</i>		<i>FEV1 quality attribute</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11470	A	3 accept curves, highest 2 values within 100ml
2734	B	2 accept curves, highest 2 values within 150ml
885	C	2 accept curves, highest 2 values within 200ml
410	D	1 acceptable curve plus no end of test requirement for FVC QF
110	F	No acceptable curves

<i>PRBA5</i>		<i>Number of Maneuvers (All)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 15 ( median=4 mean=4.9 std=1.8 )

<i>PRBA6</i>		<i>Number Deleted Maneuvers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 10 ( median=0 mean=0.1 std=0.5 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>PRBA7</i>		<i>Number Acceptable Maneuvers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 14 ( median=4 mean=4.3 std=1.5 )

<i>PRBA8</i>		<i>Client's Efforts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14916	M	Maximal
433	Q	Questionable
99	S	Sub-maximal
161		Missing

<i>PRBA9</i>		<i>Date of review</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2529	Range	03/08/2008 - 10/05/2011
13080		Missing

<i>PRBA10</i>		<i>Reviewer initials</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15596	Present	Variable/Text Values Suppressed
13		Missing

<i>PRBA11</i>		<i>BTPS factor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 1.179 ( median=1.079 mean=1.0792 std=0.0377 )

<i>PRBA12</i>		<i>Calibration date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3774	Range	03/04/2008 - 05/31/2009
11835		Missing

<i>PRBA13</i>		<i>Calibration time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	6:45 - 17:42

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>PRBA14</i>		<i>Calibration result</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	P	Passed

<i>PRBA15</i>		<i>Test Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	03/04/2008 - 06/30/2011

<i>PRBA16</i>		<i>Test Time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	7:55 - 19:35

<i>PRBA17</i>		<i>Technician ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>PRBA18</i>		<i>Age</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	-1 - 79 ( median=47 mean=45.7 std=14.0 )

<i>PRBA19</i>		<i>Height (cm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15608	Range	10 - 199 ( median=161 mean=161.8 std=9.4 )
1		Missing

<i>PRBA20</i>		<i>Weight (kg)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 139 ( median=0 mean=0.5 std=5.8 )

<i>PRBA21</i>		<i>Sex</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6271	M	Male
9337	F	Female
1		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>PRBA22</i>		<i>Race</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	D	
15545	H	Hispanic
8	B	Black
54	C	Caucasian
1	E	Other

<i>PRBA23</i>		<i>Reference values correction factor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	1 - 1 ( median=1 mean=1.0 std=0.0 )

<i>PRBA24</i>		<i>Testing position</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1008	Sitting	
14601	Standing	

<i>PRBA25</i>		<i>FVC (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 15084 ( median=3432 mean=3544.0 std=973.0 )

<i>PRBA26</i>		<i>Vext - Extrapolated volume (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15603	Range	0 - 291 ( median=84 mean=89.0 std=41.4 )
6		Missing

<i>PRBA27</i>		<i>FEV 0.5 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 4778 ( median=2239 mean=2286.3 std=632.5 )

<i>PRBA28</i>		<i>FEV0.75 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 16000 ( median=6036 mean=6269.4 std=2393.1 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>PRBA29</i>		<i>FEV1 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 5836 ( median=2775 mean=2849.2 std=812.9 )

<i>PRBA30</i>		<i>FEV 3 ( mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 7301 ( median=3157 mean=3160.0 std=1139.6 )

<i>PRBA31</i>		<i>FEV6 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 7352 ( median=3347 mean=3451.3 std=949.8 )

<i>PRBA32</i>		<i>PEF (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 29227 ( median=7054 mean=7247.5 std=2082.0 )

<i>PRBA33</i>		<i>FEF25-75% (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 19065 ( median=2896 mean=2983.5 std=1221.1 )

<i>PRBA34</i>		<i>Forced expiratory time (s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15572	Range	1.1 - 26.2 ( median=9.4 mean=9.75 std=2.36 )
37		Missing

<i>PRBA35</i>		<i>Time to PEF (ms)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15591	Range	-3 - 1297 ( median=158 mean=178.6 std=77.8 )
18		Missing

<i>PRBA36</i>		<i>Predicted FVC (mL) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15588	Range	1383 - 6794 ( median=3569 mean=3755.7 std=835.2 )
21		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

PRBA37		Predicted FEV1 (mL) (recalculated)
N	Value	Description
15588	Range	965 - 5730 ( median=2936 mean=3046.9 std=716.7 )
21		Missing

PRBA38		Predicted FEV6 (mL)
N	Value	Description
15609	Range	-323 - 21607 ( median=3492 mean=3652.2 std=840.5 )

PRBA39		Predicted FEV1/FVC% (xxx.x%) (recalculated)
N	Value	Description
15607	Range	73.6 - 88.3 ( median=81.1 mean=81.26 std=3.19 )
2		Missing

PRBA40		Predicted FEV1/FEV6%
N	Value	Description
15609	Range	0 - 88.7 ( median=83.1 mean=83.32 std=2.94 )

PRBA41		Predicted PEF (mL/s)
N	Value	Description
15609	Range	0 - 35093 ( median=6787 mean=7336.6 std=1680.5 )

PRBA42		Predicted FEF25-75% (mL/s) (recalculated)
N	Value	Description
15588	Range	1069 - 6150 ( median=3110 mean=3194.8 std=807.4 )
21		Missing

PRBA43		LowerLimit of Normal FVC (mL) (recalculated)
N	Value	Description
15588	Range	985 - 5666 ( median=2872 mean=3029.2 std=738.5 )
21		Missing

PRBA44		LowerLimit of Normal FEV1 (mL) (recalculated)
N	Value	Description
15588	Range	628 - 4804 ( median=2340 mean=2432.2 std=640.3 )
21		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>PRBA45</i>		<i>LowerLimit of Normal FEV6 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 17431 ( median=2808 mean=2941.1 std=745.1 )

<i>PRBA46</i>		<i>LowerLimit of Normal FEV1/FVC% (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15607	Range	64.5 - 79 ( median=71.8 mean=72.04 std=3.17 )
2		Missing

<i>PRBA47</i>		<i>LowerLimit of Normal FEV1/FEV6%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 80 ( median=74.5 mean=74.72 std=2.83 )

<i>PRBA48</i>		<i>LowerLimit of Normal PEF (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609	Range	0 - 23020 ( median=4811 mean=5249.0 std=1368.6 )

<i>PRBA49</i>		<i>LowerLimit of Normal FEF25-75% (mL/s) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15588	Range	-64 - 4076 ( median=1765 mean=1825.9 std=686.5 )
21		Missing

<i>PRBA50</i>		<i>Interpretability Code:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15609		Missing

<i>PRBA51</i>		<i>Interpretation code (see MESA interpretation scheme)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15595	Present	Variable/Text Values Suppressed
14		Missing

<i>PRBA52</i>		<i>Bronchodilator Response Code (see BD_RESPONSE variable in the Participant Derive File)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

**HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B****Section B: Reading Center Data**

<i>PRBA53</i>		<i>Bronchodilator Response Text or other Comments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
110	Present	Variable/Text Values Suppressed
15499		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

## Section B: Reading Center Data

## Spirometry Data - Post-bronchodilator Examination: FORM CODE=POB VERSION=A

POBA1		Barometric pressure (mmHg)
N	Value	Description
1178	Range	760 - 760 ( median=760 mean=760.0 std=0.0 )

POBA2		Temperature (°C) used in BTPS calculation
N	Value	Description
1178	Range	20 - 32 ( median=24 mean=23.8 std=1.6 )

POBA3		FVC quality attribute
N	Value	Description
799	A	3 accept curves, highest 2 values within 100ml
273	B	2 accept curves, highest 2 values within 150ml
72	C	2 accept curves, highest 2 values within 200ml
28	D	1 acceptable curve plus no end of test requirement for FVC QF
6	F	No acceptable curves

POBA4		FEV1 quality attribute
N	Value	Description
911	A	3 accept curves, highest 2 values within 100ml
174	B	2 accept curves, highest 2 values within 150ml
49	C	2 accept curves, highest 2 values within 200ml
37	D	1 acceptable curve plus no end of test requirement for FVC QF
7	F	No acceptable curves

POBA5		Number of Maneuvers (All)
N	Value	Description
1178	Range	1 - 13 ( median=4 mean=3.9 std=1.3 )

POBA6		Number Deleted Maneuvers
N	Value	Description
1178	Range	0 - 5 ( median=0 mean=0.1 std=0.3 )

POBA7		Number Acceptable Maneuvers
N	Value	Description
1178	Range	0 - 10 ( median=3 mean=3.7 std=1.1 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>POBA8</i>		<i>Client's Efforts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1147	M	Maximal
19	Q	Questionable
5	S	Sub-maximal
7		Missing

<i>POBA9</i>		<i>Date of review</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
119	Range	05/03/2008 - 06/17/2011
1059		Missing

<i>POBA10</i>		<i>Reviewer initials</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Present	Variable/Text Values Suppressed

<i>POBA11</i>		<i>BTPS factor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	1.033 - 1.101 ( median=1.079 mean=1.0797 std=0.0089 )

<i>POBA12</i>		<i>Calibration date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
258	Range	03/12/2008 - 05/31/2009
920		Missing

<i>POBA13</i>		<i>Calibration time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	6:50 - 16:36

<i>POBA14</i>		<i>Calibration result</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	P	Passed

<i>POBA15</i>		<i>Test Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	03/12/2008 - 06/30/2011

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>POBA16</i>		<i>Test Time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0:00 - 19:55

<i>POBA17</i>		<i>Technician ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>POBA18</i>		<i>Age</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 78 ( median=51 mean=48.5 std=14.9 )

<i>POBA19</i>		<i>Height (cm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	62.7 - 195 ( median=164 mean=164.1 std=9.7 )

<i>POBA20</i>		<i>Weight (kg)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 78 ( median=0 mean=0.4 std=5.0 )

<i>POBA21</i>		<i>Sex</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
594	M	Male
584	F	Female

<i>POBA22</i>		<i>Race</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1172	H	Hispanic
1	B	Black
5	C	Caucasian

<i>POBA23</i>		<i>Reference values correction factor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	1 - 1 ( median=1 mean=1.0 std=0.0 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

POBA24		Testing position
N	Value	Description
88	Sitting	
1090	Standing	

POBA25		FVC (mL)
N	Value	Description
1178	Range	1 - 7434 ( median=3576.5 mean=3689.76 std=1076.13 )

POBA26		Vext - Extrapolated volume (mL)
N	Value	Description
1177	Range	0 - 261 ( median=64 mean=70.1 std=41.0 )
1		Missing

POBA27		FEV 0.5 (mL)
N	Value	Description
1178	Range	0 - 4237 ( median=1938 mean=1982.7 std=649.5 )

POBA28		FEV0.75 (mL)
N	Value	Description
1178	Range	0 - 16000 ( median=5088 mean=5239.3 std=2495.0 )

POBA29		FEV1 (mL)
N	Value	Description
1178	Range	0 - 5617 ( median=2521.5 mean=2608.33 std=872.72 )

POBA30		FEV 3 ( mL)
N	Value	Description
1178	Range	0 - 6815 ( median=3112 mean=3179.5 std=1151.1 )

POBA31		FEV6 (mL)
N	Value	Description
1178	Range	0 - 7228 ( median=3384.5 mean=3503.13 std=1060.92 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>POBA32</i>		<i>PEF (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 12566 ( median=6288.5 mean=6405.13 std=2032.52 )

<i>POBA33</i>		<i>FEF25-75% (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 16647 ( median=1696 mean=1886.9 std=1108.9 )

<i>POBA34</i>		<i>Forced expiratory time (s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1176	Range	1.1 - 27.3 ( median=11.3 mean=11.70 std=3.10 )
2		Missing

<i>POBA35</i>		<i>Time to PEF (ms)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 1002 ( median=138 mean=157.8 std=74.7 )

<i>POBA36</i>		<i>Predicted FVC (mL) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	1826 - 6731 ( median=3761 mean=3868.6 std=841.6 )
1		Missing

<i>POBA37</i>		<i>Predicted FEV1 (mL) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	1334 - 5730 ( median=3039 mean=3113.6 std=728.0 )
1		Missing

<i>POBA38</i>		<i>Predicted FEV6 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 6730 ( median=3650 mean=3743.8 std=844.3 )

<i>POBA39</i>		<i>Predicted FEV1/FVC% (xxx.x%) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	73.8 - 88.3 ( median=80 mean=80.4 std=3.5 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>POBA40</i>		<i>Predicted FEV1/FEV6%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 88.7 ( median=82.5 mean=82.67 std=3.49 )

<i>POBA41</i>		<i>Predicted PEF (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 12456 ( median=7270.5 mean=7543.22 std=1690.82 )

<i>POBA42</i>		<i>Predicted FEF25-75% (mL/s) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	1207 - 6150 ( median=3072 mean=3168.3 std=854.1 )
1		Missing

<i>POBA43</i>		<i>LowerLimit of Normal FVC (mL) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	1317 - 5637 ( median=3024 mean=3115.5 std=746.2 )
1		Missing

<i>POBA44</i>		<i>LowerLimit of Normal FEV1 (mL) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	902 - 4804 ( median=2407 mean=2476.2 std=653.6 )
1		Missing

<i>POBA45</i>		<i>LowerLimit of Normal FEV6 (mL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 5661 ( median=2915 mean=3008.2 std=752.5 )

<i>POBA46</i>		<i>LowerLimit of Normal FEV1/FVC% (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	64.7 - 79 ( median=70.8 mean=71.21 std=3.43 )

<i>POBA47</i>		<i>LowerLimit of Normal FEV1/FEV6%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 80 ( median=73.8 mean=74.07 std=3.32 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>POBA48</i>		<i>LowerLimit of Normal PEF (mL/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1178	Range	0 - 9258 ( median=5119.5 mean=5376.96 std=1386.45 )

<i>POBA49</i>		<i>LowerLimit of Normal FEF25-75% (mL/s) (recalculated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	163 - 4076 ( median=1659 mean=1747.5 std=743.4 )
1		Missing

<i>POBA50</i>		<i>Interpretability Code:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Present	Variable/Text Values Suppressed
1177		Missing

<i>POBA51</i>		<i>Interpretation code (see MESA interpretation scheme)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1176	Present	Variable/Text Values Suppressed
2		Missing

<i>POBA52</i>		<i>Bronchodilator Response Code (see BD_RESPONSE variable in the Participant Derive File)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>POBA53</i>		<i>Bronchodilator Response Text or other Comments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	Present	Variable/Text Values Suppressed
1169		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

Audiometry Re-Grading: FORM CODE=AUR VERSION=A

**Instructions:** Enter “=” if a measurement is permanently missing.

<i>AURA0A</i>		<i>0a. Date of form completion:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15890	Range	05/05/2008 - 09/28/2011

<i>AURA0B</i>		<i>0b. Staff Examiner ID:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>AURA0C</i>		<i>0c. Audiometer #:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15855	Present	Variable/Text Values Suppressed
35		Missing

**Right Ear**

<i>AURA1</i>		<i>1. Transducer</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15500	0	Air Headphones
354	1	Insert
36		Missing

<i>AURA2A</i>		<i>2a. 1000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15849	Range	-10 - 125 ( median=10 mean=14.2 std=11.8 )
41		Missing

<i>AURA2B</i>		<i>2b. 1000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Range	0 - 125 ( median=75 mean=79.1 std=24.5 )
15799		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>AURA2C</i>		<i>2c. 1000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Range	0 - 125 ( median=45 mean=49.0 std=22.8 )
15799		Missing

<i>AURA3A</i>		<i>3a. 500 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15850	Range	-10 - 125 ( median=10 mean=13.2 std=11.2 )
40		Missing

<i>AURA3B</i>		<i>3b. 500 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
100	Range	45 - 125 ( median=70 mean=76.2 std=19.5 )
15790		Missing

<i>AURA3C</i>		<i>3c. 500 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
103	Range	10 - 125 ( median=40 mean=45.8 std=18.7 )
15787		Missing

<i>AURA3D</i>		<i>3d. 500 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10515	Range	-10 - 75 ( median=15 mean=17.1 std=10.4 )
5375		Missing

<i>AURA3E</i>		<i>3e. 500 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
396	Range	-10 - 75 ( median=25 mean=25.5 std=17.2 )
15494		Missing

<i>AURA3F</i>		<i>3f. 500 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
396	Range	15 - 125 ( median=45 mean=50.0 std=19.7 )
15494		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>AURA4A</i>		<i>4a. 1000 Hz (dup) Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15849	Range	-10 - 125 ( median=10 mean=13.9 std=11.8 )
41		Missing

<i>AURA4B</i>		<i>4b. 1000 Hz (dup) Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	45 - 125 ( median=75 mean=79.7 std=22.5 )
15786		Missing

<i>AURA4C</i>		<i>4c. 1000 Hz (dup) Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	20 - 125 ( median=45 mean=47.8 std=21.0 )
15786		Missing

<i>AURA5A</i>		<i>5a. 2000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15849	Range	-10 - 125 ( median=10 mean=14.1 std=13.4 )
41		Missing

<i>AURA5B</i>		<i>5b. 2000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	Range	35 - 125 ( median=75 mean=77.7 std=23.2 )
15785		Missing

<i>AURA5C</i>		<i>5c. 2000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	Range	15 - 110 ( median=40 mean=46.5 std=20.7 )
15785		Missing

<i>AURA5D</i>		<i>5d. 2000 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10387	Range	-10 - 90 ( median=15 mean=15.6 std=12.2 )
5503		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>AURA5E</i>		<i>5e. 2000 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
449	Range	-10 - 90 ( median=25 mean=31.4 std=22.2 )
15441		Missing

<i>AURA5F</i>		<i>5f. 2000 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
446	Range	10 - 125 ( median=50 mean=52.8 std=20.1 )
15444		Missing

<i>AURA6A</i>		<i>6a. 3000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15848	Range	-10 - 125 ( median=15 mean=18.9 std=16.5 )
42		Missing

<i>AURA6B</i>		<i>6b. 3000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	45 - 125 ( median=80 mean=82.9 std=23.2 )
15786		Missing

<i>AURA6C</i>		<i>6c. 3000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	20 - 110 ( median=45 mean=48.8 std=17.6 )
15786		Missing

<i>AURA7A</i>		<i>7a. 4000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15849	Range	-10 - 125 ( median=20 mean=22.6 std=18.2 )
41		Missing

<i>AURA7B</i>		<i>7b. 4000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
145	Range	35 - 125 ( median=80 mean=81.7 std=23.6 )
15745		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA7C</i>		<i>7c. 4000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
145	Range	15 - 125 ( median=50 mean=51.3 std=21.0 )
15745		Missing

<i>AURA7D</i>		<i>7d. 4000 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12763	Range	-10 - 85 ( median=10 mean=13.7 std=15.9 )
3127		Missing

<i>AURA7E</i>		<i>7e. 4000 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3313	Range	-10 - 85 ( median=15 mean=20.1 std=19.2 )
12577		Missing

<i>AURA7F</i>		<i>7f. 4000 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3311	Range	5 - 125 ( median=50 mean=51.6 std=18.5 )
12579		Missing

<i>AURA8A</i>		<i>8a. 6000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15847	Range	-10 - 120 ( median=20 mean=26.4 std=19.0 )
43		Missing

<i>AURA8B</i>		<i>8b. 6000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
154	Range	15 - 120 ( median=85 mean=84.3 std=20.5 )
15736		Missing

<i>AURA8C</i>		<i>8c. 6000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
155	Range	20 - 120 ( median=55 mean=53.2 std=19.3 )
15735		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA9A</i>		<i>9a. 8000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15844	Range	-10 - 110 ( median=20 mean=24.6 std=21.4 )
46		Missing

<i>AURA9B</i>		<i>9b. 8000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
175	Range	45 - 110 ( median=85 mean=82.6 std=17.7 )
15715		Missing

<i>AURA9C</i>		<i>9c. 8000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
176	Range	10 - 110 ( median=47.5 mean=50.77 std=19.53 )
15714		Missing

#### Left Ear

<i>AURA10</i>		<i>10. Transducer</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15513	0	Air Headphones
313	1	Insert
64		Missing

<i>AURA11A</i>		<i>11a. 1000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15834	Range	-10 - 125 ( median=10 mean=12.9 std=11.9 )
56		Missing

<i>AURA11B</i>		<i>11b. 1000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
92	Range	15 - 125 ( median=75 mean=79.9 std=22.7 )
15798		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA11C</i>		<i>11c. 1000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
92	Range	10 - 100 ( median=42.5 mean=44.84 std=15.29 )
15798		Missing

<i>AURA12A</i>		<i>12a. 500 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15836	Range	-10 - 125 ( median=10 mean=12.6 std=11.1 )
54		Missing

<i>AURA12B</i>		<i>12b. 500 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
98	Range	35 - 125 ( median=75 mean=79.1 std=21.1 )
15792		Missing

<i>AURA12C</i>		<i>12c. 500 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
100	Range	10 - 105 ( median=40 mean=43.3 std=19.1 )
15790		Missing

<i>AURA12D</i>		<i>12d. 500 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6216	Range	-10 - 75 ( median=15 mean=16.9 std=10.8 )
9674		Missing

<i>AURA12E</i>		<i>12e. 500 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
344	Range	-10 - 75 ( median=25 mean=26.7 std=17.4 )
15546		Missing

<i>AURA12F</i>		<i>12f. 500 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
344	Range	15 - 125 ( median=50 mean=50.6 std=19.8 )
15546		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>AURA13A</i>		<i>13a. 1000 Hz (dup) Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15837	Range	-10 - 125 ( median=10 mean=12.9 std=11.9 )
53		Missing

<i>AURA13B</i>		<i>13b. 1000 Hz (dup) Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	40 - 125 ( median=75 mean=79.9 std=21.8 )
15786		Missing

<i>AURA13C</i>		<i>13c. 1000 Hz (dup) Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	Range	10 - 100 ( median=40 mean=43.8 std=15.3 )
15786		Missing

<i>AURA14A</i>		<i>14a. 2000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15835	Range	-10 - 125 ( median=10 mean=14.0 std=13.7 )
55		Missing

<i>AURA14B</i>		<i>14b. 2000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
124	Range	40 - 125 ( median=75 mean=78.6 std=23.4 )
15766		Missing

<i>AURA14C</i>		<i>14c. 2000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
124	Range	15 - 105 ( median=40 mean=45.8 std=17.7 )
15766		Missing

<i>AURA14D</i>		<i>14d. 2000 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6598	Range	-10 - 90 ( median=15 mean=16.0 std=13.0 )
9292		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA14E</i>		<i>14e. 2000 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
420	Range	-10 - 90 ( median=30 mean=36.2 std=23.2 )
15470		Missing

<i>AURA14F</i>		<i>14f. 2000 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
418	Range	15 - 125 ( median=50 mean=54.2 std=19.5 )
15472		Missing

<i>AURA15A</i>		<i>15a. 3000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15833	Range	-10 - 125 ( median=15 mean=19.6 std=16.9 )
57		Missing

<i>AURA15B</i>		<i>15b. 3000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
122	Range	20 - 125 ( median=80 mean=83.8 std=23.4 )
15768		Missing

<i>AURA15C</i>		<i>15c. 3000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
121	Range	10 - 105 ( median=50 mean=49.1 std=17.5 )
15769		Missing

<i>AURA16A</i>		<i>16a. 4000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15833	Range	-10 - 125 ( median=20 mean=23.2 std=18.5 )
57		Missing

<i>AURA16B</i>		<i>16b. 4000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
156	Range	35 - 125 ( median=75 mean=81.1 std=23.3 )
15734		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA16C</i>		<i>16c. 4000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
155	Range	15 - 125 ( median=50 mean=50.8 std=19.0 )
15735		Missing

<i>AURA16D</i>		<i>16d. 4000 Hz Bone Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9899	Range	-10 - 85 ( median=10 mean=15.0 std=16.0 )
5991		Missing

<i>AURA16E</i>		<i>16e. 4000 Hz Bone Mask</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3196	Range	-10 - 85 ( median=20 mean=21.8 std=19.0 )
12694		Missing

<i>AURA16F</i>		<i>16f. 4000 Hz Bone M Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3195	Range	-5 - 125 ( median=50 mean=52.0 std=18.1 )
12695		Missing

<i>AURA17A</i>		<i>17a. 6000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15826	Range	-10 - 120 ( median=25 mean=27.2 std=19.2 )
64		Missing

<i>AURA17B</i>		<i>17b. 6000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
159	Range	10 - 120 ( median=80 mean=85.9 std=21.7 )
15731		Missing

<i>AURA17C</i>		<i>17c. 6000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
157	Range	15 - 95 ( median=50 mean=50.4 std=16.8 )
15733		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>AURA18A</i>		<i>18a. 8000 Hz Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15791	Range	-10 - 110 ( median=15 mean=23.9 std=21.4 )
99		Missing

<i>AURA18B</i>		<i>18b. 8000 Hz Mask Trsh</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
141	Range	40 - 110 ( median=85 mean=84.3 std=18.2 )
15749		Missing

<i>AURA18C</i>		<i>18c. 8000 Hz Mask Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
139	Range	15 - 110 ( median=45 mean=49.4 std=17.7 )
15751		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

Tympanometry Re-Grading: FORM CODE=TYR VERSION=A

**Instructions:** Enter “=” if a measurement is permanently missing.

TYRA0A		0a. Date of form completion:
N	Value	Description
15884	Range	03/28/2008 - 09/28/2011
1		Missing

TYRA0B		0b. Staff Examiner ID:
N	Value	Description
		This variable has been removed

TYRA0C		0c. Tympanometer #:
N	Value	Description
15846	Present	Variable/Text Values Suppressed
39		Missing

**A. Right Ear Measurements**

TYRA1		Seal Obtained
N	Value	Description
31	0	No [skip to Q.8]
15790	1	Yes
34	9	Not Done [skip to Q.8]
30		Missing

TYRA2		MEP
N	Value	Description
14183	Range	-294 - 192 ( median=0 mean=-9.2 std=36.8 )
65	.S	Skip Rule Followed
1637		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

TYRA3		PV
N	Value	Description
15792	Range	0 - 7 ( median=1.4 mean=1.42 std=0.56 )
65	.S	Skip Rule Followed
28		Missing

TYRA4		Comp
N	Value	Description
15792	Range	0 - 5.5 ( median=0.6 mean=0.74 std=0.51 )
65	.S	Skip Rule Followed
28		Missing

TYRA5		TW
N	Value	Description
14901	Range	0 - 468 ( median=78 mean=80.3 std=32.5 )
65	.S	Skip Rule Followed
919		Missing

TYRA6		Reflex Obtained 1KHz
N	Value	Description
194	0	No
15595	1	Yes
65	.S	Skip Rule Followed
31		Missing

TYRA7		Reflex Obtained 2KHz
N	Value	Description
191	0	No
15598	1	Yes
65	.S	Skip Rule Followed
31		Missing

### B. Left Ear Measurements

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

TYRA8		Seal Obtained
N	Value	Description
36	0	No
15784	1	Yes
33	9	Not Done
32		Missing

TYRA9		MEP
N	Value	Description
13951	Range	-300 - 186 ( median=0 mean=-8.0 std=36.2 )
69	.S	Skip Rule Followed
1865		Missing

TYRA10		PV
N	Value	Description
15786	Range	0 - 7.1 ( median=1.3 mean=1.32 std=0.53 )
69	.S	Skip Rule Followed
30		Missing

TYRA11		Comp
N	Value	Description
15787	Range	0 - 5.9 ( median=0.6 mean=0.74 std=0.53 )
69	.S	Skip Rule Followed
29		Missing

TYRA12		TW
N	Value	Description
14892	Range	0 - 402 ( median=78 mean=79.1 std=33.5 )
69	.S	Skip Rule Followed
924		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

TYRA13		Reflex Obtained 1KHz
N	Value	Description
233	0	No
15550	1	Yes
69	.S	Skip Rule Followed
33		Missing

TYRA14		Reflex Obtained 2KHz
N	Value	Description
233	0	No
15550	1	Yes
69	.S	Skip Rule Followed
33		Missing

**C. Right Ear Repeat Measurements**

TYRA15		Tympanometry Repeated
N	Value	Description
12640	0	No [skip to Q.23]
3212	1	Yes
33		Missing

TYRA16		Seal Obtained
N	Value	Description
17	0	No [skip to Q.23]
3194	1	Yes
12640	.S	Skip Rule Followed
34		Missing

TYRA17		MEP
N	Value	Description
2073	Range	-294 - 174 ( median=-6 mean=-17.4 std=59.1 )
12640	.S	Skip Rule Followed
1172		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

TYRA18		PV
N	Value	Description
3199	Range	0 - 7.1 ( median=1.3 mean=1.34 std=0.68 )
12640	.S	Skip Rule Followed
46		Missing

TYRA19		Comp
N	Value	Description
3199	Range	0 - 5.5 ( median=0.4 mean=0.50 std=0.48 )
12640	.S	Skip Rule Followed
46		Missing

TYRA20		TW
N	Value	Description
2214	Range	0 - 390 ( median=84 mean=83.3 std=43.8 )
12640	.S	Skip Rule Followed
1031		Missing

TYRA21		Reflex Obtained 1KHz
N	Value	Description
52	0	No
3147	1	Yes
12640	.S	Skip Rule Followed
46		Missing

TYRA22		Reflex Obtained 2KHz
N	Value	Description
53	0	No
3146	1	Yes
12640	.S	Skip Rule Followed
46		Missing

#### D. Left Ear Repeat Measurements

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

TYRA23		<i>Tympanometry Repeated</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12380	0	No [skip to End]
3467	1	Yes
38		Missing

TYRA24		<i>Seal Obtained</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	0	No [skip to End]
3451	1	Yes
12381	.S	Skip Rule Followed
39		Missing

TYRA25		<i>MEP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2194	Range	-294 - 180 ( median=-6 mean=-16.3 std=54.9 )
12397	.S	Skip Rule Followed
1294		Missing

TYRA26		<i>PV</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3449	Range	0 - 7.5 ( median=1.2 mean=1.23 std=0.66 )
12397	.S	Skip Rule Followed
39		Missing

TYRA27		<i>Comp</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3448	Range	0 - 5.1 ( median=0.4 mean=0.52 std=0.54 )
12397	.S	Skip Rule Followed
40		Missing

TYRA28		<i>TW</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2366	Range	0 - 354 ( median=84 mean=82.7 std=43.5 )
12397	.S	Skip Rule Followed
1122		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

TYRA29		Reflex Obtained 1KHz
N	Value	Description
83	0	No
3363	1	Yes
12397	.S	Skip Rule Followed
42		Missing

TYRA30		Reflex Obtained 2KHz
N	Value	Description
82	0	No
3365	1	Yes
12397	.S	Skip Rule Followed
41		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

Ear Center Grading: FORM CODE=EAR VERSION=A

**Instructions:** Enter “=” if a measurement is permanently missing.

EARA0A		0a. Completion Date:
N	Value	Description
15891	Range	04/28/2008 - 09/28/2011

EARA0B		0b. Staff ID:
N	Value	Description
		This variable has been removed

EARA1		1. Audiometric data complete:
N	Value	Description
97	0	No
15631	1	Yes
149	2	Partial
14		Missing

EARA2A		2a. 1000 Hz within limits ( $\leq 10$ ):	Right:
N	Value	Description	
30	0	No	
15821	1	Yes	
40		Missing	

EARA2B		2b. 1000 Hz within limits ( $\leq 10$ ):	Left:
N	Value	Description	
29	0	No	
15823	1	Yes	
39		Missing	

EARA3A		3a. Inserts used appropriately:	Right:
N	Value	Description	
201	0	No	
15628	1	Yes	
62		Missing	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

EARA3B		3b. Inserts used appropriately:      Left:
N	Value	Description
164	0	No
15660	1	Yes
67		Missing

EARA4A		4. Bone conduction appropriate:
N	Value	Description
1549	0	No
14303	1	Yes
39		Missing

EARA5		5. AC Masked appropriately:
N	Value	Description
14758	0	Masking not needed, no masking done
78	1	Masking not needed, masking done
470	2	Masking needed, not done
26	3	Masking needed, wrong ear masked
114	4	Masking needed, undermasked
28	5	Masking needed, overmasked
23	6	Masking needed, cannot mask (masking dilemma)
58	7	Cannot determine
300	8	Masking needed, done appropriately
36		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

EARA6		6. BC Masked appropriately:
N	Value	Description
9467	0	Masking not needed, no masking done
333	1	Masking not needed, masking done
464	2	Masking needed, not done
21	3	Masking needed, wrong ear masked
918	4	Masking needed, undermasked
266	5	Masking needed, overmasked
97	6	Masking needed, cannot mask (masking dilemma)
111	7	Cannot determine
4176	8	Masking needed, done appropriately
38		Missing

EARA7A		7a. Tympanometry data entered correctly: Right:
N	Value	Description
788	0	No
14227	1	Yes
863	2	Unknown
13		Missing

EARA7B		7b. Tympanometry data entered correctly: Left:
N	Value	Description
894	0	No
14127	1	Yes
857	2	Unknown
13		Missing

EARA8A		8a. Tympanometry repeated: Right:
N	Value	Description
11318	0	No repeat needed, no repeat done
719	1	No repeat needed, repeat done
1679	2	Repeat needed, repeat done and OK
642	3	Repeat needed, repeat done but not OK
699	4	Repeat needed, repeat not done
822	5	Cannot determine (no image available)
12		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

EARA8B		8b. Tymps repeated:                      Left:
N	Value	Description
11124	0	No repeat needed, no repeat done
714	1	No repeat needed, repeat done
1852	2	Repeat needed, repeat done and OK
709	3	Repeat needed, repeat done but not OK
652	4	Repeat needed, repeat not done
829	5	Cannot determine (no image available)
11		Missing

EARA9A		9a. Tymp selection:                      Right:
N	Value	Description
13778	0	Original
1292	1	Repeat
810	2	Neither
11		Missing

EARA9B		9b. Tymp selection:                      Left:
N	Value	Description
13452	0	Original
1495	1	Repeat
933	2	Neither
11		Missing

EARA10		10. Initial Review Status:
N	Value	Description
15891	2	Complete (ready to report)

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECG Data: FORM CODE=ECG VERSION=A

<i>ECGA1</i>		<i>MUSE record sequence number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Present	Variable/Text Values Suppressed

<i>ECGA2</i>		<i>MUSE database site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Present	Variable/Text Values Suppressed

<i>ECGA3</i>		<i>Patient ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>ECGA4</i>		<i>Patient First Name</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>ECGA5</i>		<i>Patient Last Name</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>ECGA6</i>		<i>ECG DATE</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Range	03/04/2008 - 06/30/2011

<i>ECGA7</i>		<i>Heart Rate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	38 - 441 ( median=62 mean=63.1 std=12.2 )
20		Missing

<i>ECGA8</i>		<i>Ventricular Rate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Range	0 - 128 ( median=62 mean=62.8 std=9.6 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>ECGA9</i>		<i>PR duration</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16190	Range	0 - 421 ( median=154 mean=156.9 std=21.6 )
42		Missing

<i>ECGA10</i>		<i>QRS duration</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Range	0 - 196 ( median=90 mean=91.9 std=12.4 )

<i>ECGA11</i>		<i>QT duration</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16231	Range	246 - 567 ( median=416 mean=416.5 std=29.0 )
1		Missing

<i>ECGA12</i>		<i>QTc Calculated</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16231	Range	331 - 550 ( median=424 mean=422.7 std=24.6 )
1		Missing

<i>ECGA13</i>		<i>Quality, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15850	0	
163	1	Best
83	2	
1	3	
135	5	Worst

<i>ECGA14</i>		<i>sex</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13226	Range	0 - 1 ( median=1 mean=0.5 std=0.5 )
3006		Missing

<i>ECGA15</i>		<i>P axis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16188	Range	-89 - 269 ( median=42 mean=39.9 std=21.8 )
44		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA16		<i>R Axis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16231	Range	-89 - 267 ( median=30 mean=29.6 std=31.3 )
1		Missing

ECGA17		<i>T Axis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16231	Range	-87 - 264 ( median=31 mean=32.8 std=24.3 )
1		Missing

ECGA18		<i>Date of MUSE NOVACODE analysis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232	Range	04/30/2008 - 08/24/2011

ECGA19		<i>version of MUSE NOVECODE dll</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Present	Variable/Text Values Suppressed
20		Missing

ECGA20		<i>version of MUSE FORM</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Present	Variable/Text Values Suppressed
20		Missing

### ECG Score Measures

ECGA21		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-250 - 1977 ( median=29 mean=34.4 std=42.9 )
20		Missing

ECGA22		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-455 - 1469 ( median=34 mean=40.6 std=45.3 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA23		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-3000 - 185 ( median=-69 mean=-75.2 std=57.8 )
20		Missing

ECGA24		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-333 - 3276 ( median=68 mean=75.1 std=64.3 )
20		Missing

ECGA25		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-254 - 3613 ( median=63 mean=71.0 std=62.0 )
20		Missing

ECGA26		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-323 - 761 ( median=-5 mean=-4.6 std=43.5 )
20		Missing

ECGA27		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-518 - 1103 ( median=48 mean=59.4 std=78.2 )
20		Missing

ECGA28		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-367 - 1894 ( median=185 mean=227.9 std=171.0 )
20		Missing

ECGA29		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-406 - 1547 ( median=146 mean=184.3 std=143.2 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA30		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-445 - 1894 ( median=112 mean=137.6 std=110.9 )
20		Missing

ECGA31		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-391 - 1416 ( median=78 mean=91.7 std=78.4 )
20		Missing

ECGA32		<i>E (end of ST segment/ beginning of T wave) amplitude [ J+ 1/8 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-293 - 1464 ( median=53 mean=60.0 std=56.2 )
20		Missing

ECGA33		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-176 - 1088 ( median=14 mean=16.8 std=33.8 )
20		Missing

ECGA34		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-386 - 2426 ( median=9 mean=11.9 std=33.8 )
20		Missing

ECGA35		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-4000 - 131 ( median=-30 mean=-28.9 std=40.1 )
20		Missing

ECGA36		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-186 - 3959 ( median=24 mean=25.1 std=41.6 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA37</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-132 - 3066 ( median=29 mean=28.4 std=41.6 )
20		Missing

<i>ECGA38</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-894 - 668 ( median=4 mean=2.8 std=37.6 )
20		Missing

<i>ECGA39</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-137 - 981 ( median=0 mean=5.9 std=40.1 )
20		Missing

<i>ECGA40</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-337 - 1000 ( median=39 mean=44.9 std=61.8 )
20		Missing

<i>ECGA41</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-352 - 1118 ( median=29 mean=32.6 std=54.2 )
20		Missing

<i>ECGA42</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-372 - 1059 ( median=24 mean=26.1 std=45.1 )
20		Missing

<i>ECGA43</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-318 - 1123 ( median=24 mean=23.5 std=36.1 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA44</i>		<i>J (end of QRS) point amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-215 - 1127 ( median=24 mean=24.4 std=28.8 )
20		Missing

<i>ECGA45</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-196 - 751 ( median=14 mean=17.8 std=26.7 )
20		Missing

<i>ECGA46</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-411 - 2114 ( median=19 mean=19.2 std=30.9 )
20		Missing

<i>ECGA47</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-3000 - 151 ( median=-35 mean=-37.2 std=38.0 )
20		Missing

<i>ECGA48</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-240 - 3315 ( median=34 mean=35.5 std=42.1 )
20		Missing

<i>ECGA49</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-196 - 2407 ( median=34 mean=34.6 std=38.0 )
20		Missing

<i>ECGA50</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-909 - 708 ( median=0 mean=-1.4 std=29.3 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA51</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-191 - 781 ( median=43 mean=49.1 std=49.3 )
20		Missing

<i>ECGA52</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-718 - 1020 ( median=117 mean=138.2 std=95.8 )
20		Missing

<i>ECGA53</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-347 - 1171 ( median=87 mean=102.5 std=79.4 )
20		Missing

<i>ECGA54</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-406 - 927 ( median=58 mean=69.6 std=59.2 )
20		Missing

<i>ECGA55</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-538 - 786 ( median=39 mean=43.1 std=42.2 )
20		Missing

<i>ECGA56</i>		<i>M (middle of ST segment) amplitude [ J+ 1/16 avg RR interval ]</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-245 - 776 ( median=24 mean=26.4 std=30.9 )
20		Missing

<i>ECGA57</i>		<i>maximum of STJ, STM, STE amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-123 - 1977 ( median=34 mean=41.2 std=40.3 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA58		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-386 - 2426 ( median=39 mean=45.0 std=44.2 )
20		Missing

ECGA59		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-3000 - 185 ( median=-25 mean=-23.5 std=34.2 )
20		Missing

ECGA60		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-167 - 3959 ( median=68 mean=77.3 std=64.2 )
20		Missing

ECGA61		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-127 - 3613 ( median=63 mean=73.7 std=60.1 )
20		Missing

ECGA62		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-118 - 761 ( median=14 mean=17.6 std=34.9 )
20		Missing

ECGA63		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-93 - 1103 ( median=53 mean=68.1 std=69.5 )
20		Missing

ECGA64		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-123 - 1894 ( median=185 mean=229.2 std=169.5 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA65		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-347 - 1547 ( median=146 mean=184.8 std=142.7 )
20		Missing

ECGA66		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-372 - 1894 ( median=112 mean=138.1 std=110.2 )
20		Missing

ECGA67		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-269 - 1416 ( median=78 mean=93.0 std=76.7 )
20		Missing

ECGA68		maximum of STJ, STM, STE amplitudes
N	Value	Description
16212	Range	-215 - 1464 ( median=53 mean=63.2 std=53.1 )
20		Missing

ECGA69		maximum of R amplitude
N	Value	Description
16107	Range	0 - 6729 ( median=446 mean=488.6 std=303.5 )
125		Missing

ECGA70		maximum of S amplitude
N	Value	Description
15694	Range	0 - 4099 ( median=575 mean=642.6 std=403.8 )
538		Missing

ECGA71		minimum of STJ and STM amplitudes
N	Value	Description
16212	Range	-196 - 751 ( median=4 mean=6.1 std=27.6 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA72		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-411 - 2114 ( median=4 mean=5.1 std=29.7 )
20		Missing

ECGA73		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-4000 - 117 ( median=-40 mean=-42.6 std=41.8 )
20		Missing

ECGA74		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-240 - 3315 ( median=19 mean=19.3 std=37.3 )
20		Missing

ECGA75		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-196 - 2407 ( median=19 mean=19.6 std=36.0 )
20		Missing

ECGA76		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-909 - 668 ( median=-10 mean=-12.3 std=30.9 )
20		Missing

ECGA77		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-191 - 781 ( median=0 mean=3.3 std=39.6 )
20		Missing

ECGA78		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-718 - 937 ( median=34 mean=43.7 std=61.4 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA79		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-352 - 1118 ( median=24 mean=32.1 std=53.8 )
20		Missing

ECGA80		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-406 - 883 ( median=19 mean=24.5 std=44.2 )
20		Missing

ECGA81		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-538 - 786 ( median=19 mean=19.4 std=34.8 )
20		Missing

ECGA82		<i>minimum of STJ and STM amplitudes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	-245 - 776 ( median=14 mean=15.9 std=26.8 )
20		Missing

For following NOVACODE variable series descriptors , see Table 1 - Classification Code for Prevalent ECG Abnormalities in ECG Manual 5 Appendix (for variables ECGA83-ECGA179)

#### NOVACODE 0-series and 1-series codes, by software

ECGA83		<i>No suppression codes, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA84		<i>ECG not available, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA85		<i>Inadequate quality or missing leads, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>ECGA86</i>		<i>QRS &gt;= 120, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
413	0.4	
15819		Missing

<i>ECGA87</i>		<i>Atrial fibrillation or flutter, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA88</i>		<i>Ventricular or dual-chamber pacemaker, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA89</i>		<i>Other suppression codes, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA90</i>		<i>Uncertain P wave detection, by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA91		Lead connection Interchange, by software
N	Value	Description
8	0.3.1	
18	0.3.1.2	
5	0.3.2.1.1	
1	0.3.2.2.1	
2159	0.3.2.5.1	
12	0.3.3.1.3	
38	0.3.3.3.1	
2635	0.3.3.3.2	
98	0.3.3.3.3	
5	0.3.3.4.1	
4	0.3.3.4.2	
138	0.3.3.5.1	
97	0.3.3.5.2	
2	0.3.3.5.3	
6	0.3.3.5.4	
2	0.3.4.1	
10	0.3.4.2	
103	0.3.4.3	
46	0.3.5.1	
25	0.3.5.2	
30	0.3.5.3	
17	0.3.5.5	
10773		Missing

ECGA92		Lead connection Interchange, by software
N	Value	Description
16232		Missing

ECGA93		Basic sinus rhythm, by software
N	Value	Description
943	1.0.2	
69	1.0.3	
15220		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data****NOVACODE 0-series and 1-series codes by visual flags**

<i>ECGA94</i>		<i>No suppression codes, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA95</i>		<i>ECG not available, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA96</i>		<i>Inadequate quality or missing leads, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	0.2.1	Inadequate quality
14	0.2.2	Missing leads
16216		Missing

<i>ECGA97</i>		<i>QRS <math>\geq</math> 120, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA98</i>		<i>Atrial fibrillation or flutter, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA99</i>		<i>Ventricular or dual-chamber pacemaker, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	0.6	Ventricular or dual-chamber pacemaker
16230		Missing

<i>ECGA100</i>		<i>Other suppression codes, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA101</i>		<i>Uncertain P wave detection, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA102		Lead connection Interchange, by visual flag
N	Value	Description
30	0.3.1.2	
8	0.3.2.1	
1	0.3.2.3	
7	0.3.3.1	
11	0.3.3.2	
17	0.3.3.3	
1	0.3.3.5	
9	0.3.4.1	
6	0.3.4.2	
14	0.3.4.3	
4	0.3.4.4	
1	0.3.4.5	
1	0.3.5.2	
2	0.3.5.3	
6	0.3.5.9	
16114		Missing

ECGA103		Lead connection Interchange, by visual flag
N	Value	Description
16232		Missing

ECGA104		Basic sinus rhythm, by visual flag
N	Value	Description
14681	1.0.1	Normal sinus rhythm
896	1.0.2	Sinus bradycardia
60	1.0.3	Sinus tachycardia
595		Missing

ECGA105		Wandering Atrial Pacemaker, by visual flag
N	Value	Description
32	1.1	Wandering Atrial Pacemaker (WAP)
16200		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA106		Junctional rhythm, by visual flag
N	Value	Description
2	1.2.1	Junctional rhythm, rate from 45-64 cpm
2	1.2.2	Junctional bradychardia
16228		Missing

ECGA107		Ectopic atrial rhythm, by visual flag
N	Value	Description
5	1.3	
40	1.3.1	Ectopic atrial rhythm, rate from 50-90cpm
2	1.3.2	Ectopic atrial bradycardia (EAB)
16185		Missing

ECGA108		Supraventricular or narrow QRS tachycardia, by visual flag
N	Value	Description
16232		Missing

ECGA109		Atrial flutter or fibrillation, by visual flag
N	Value	Description
29	1.5.3	Atrial fibrillation (AF)
16203		Missing

ECGA110		Electronic pacemaker, by visual flag
N	Value	Description
15	1.6.1	Ventricular (VPM) or combination (CPM) pacemaker
4	1.6.2	Atrial pacemaker only (APM)
16213		Missing

ECGA111		Ventricular tachycardia, by visual flag
N	Value	Description
16232		Missing

ECGA112		Other abnormal rhythm classifications, by visual flag
N	Value	Description
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA113		Indeterminate abnormal rhythm classifications, by visual flag
N	Value	Description
16232		Missing

ECGA114		supplemental ectopic supraventricular complexes, by visual flag
N	Value	Description
319	1.0.S.1	ESVC
15913		Missing

ECGA115		count of complexes (ESVC)
N	Value	Description
16212	Range	0 - 5 ( median=0 mean=0.0 std=0.2 )
20		Missing

ECGA116		with atrial bigeminy, by visual flag
N	Value	Description
5	1.0.S.1.1	ABG
16227		Missing

ECGA117		count of complexes (ABG)
N	Value	Description
16212	Range	0 - 8 ( median=0 mean=0.0 std=0.1 )
20		Missing

ECGA118		with atrial trigeminy, by visual flag
N	Value	Description
16232		Missing

ECGA119		count of complexes (ATG)
N	Value	Description
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA120</i>		<i>supplemental aberrant supraventricular complexes, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	1.0.S.2	ASVC
16221		Missing

<i>ECGA121</i>		<i>count of complexes (ASVC)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 4 ( median=0 mean=0.0 std=0.1 )
20		Missing

<i>ECGA122</i>		<i>supplemental ectopic ventricular complexes, by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
124	1.0.S.3	EVC
16108		Missing

<i>ECGA123</i>		<i>count of complexes (EVC)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 5 ( median=0 mean=0.0 std=0.2 )
20		Missing

<i>ECGA124</i>		<i>with a doublet of complexes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA125</i>		<i>count of complexes (DEVIC)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA126</i>		<i>coalescent ventricular ectopic complexes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA127</i>		<i>count of complexes (CEVC)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA128</i>		<i>polymorphic ventricular ectopic complexes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA129</i>		<i>count of complexes (PEVC)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA130</i>		<i>ventricular bigeminy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	1.0.S.3.4	VBG
16230		Missing

<i>ECGA131</i>		<i>count of complexes (VBG)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 6 ( median=0 mean=0.0 std=0.1 )
20		Missing

<i>ECGA132</i>		<i>ventricular trigeminy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA133</i>		<i>count of complexes (VTG)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA134		<i>with pause (possible sinoatrial arrest or block)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1.0.S.4	with pause
16231		Missing

ECGA135		<i>count of complexes (with pause)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA136		<i>with reduced heart rate variability</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA137		<i>count of complexes (reduced heart rate)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA138		<i>with increased heart rate variability</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA139		<i>count of complexes (increased heart rate)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA140		<i>probably left atrial ectopic focus</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA141		<i>count of complexes (EAB)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA142</i>		<i>probably right atrial ectopic focus</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA143</i>		<i>count of complexes (EAT)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA144</i>		<i>with dominate AV conduction ratio</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA145</i>		<i>count of complexes (dominate AV conduction)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA146</i>		<i>with AV dissociation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA147</i>		<i>count of complexes (AV dissociation )</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA148</i>		<i>with variable AV conduction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA149</i>		<i>count of complexes (variable AV conduction )</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA150		with AV dissociation and junctional rhythm
N	Value	Description
16232		Missing

ECGA151		count of complexes (AV dissociation and junctional rhythm)
N	Value	Description
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA152		with slow ventricular response
N	Value	Description
16232		Missing

ECGA153		count of complexes (slow ventricular response )
N	Value	Description
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA154		with rapid ventricular response
N	Value	Description
16232		Missing

ECGA155		count of complexes (rapid ventricular response )
N	Value	Description
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

ECGA156		with narrow QRS complex
N	Value	Description
16232		Missing

ECGA157		count of complexes (narrow QRS complex )
N	Value	Description
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>ECGA158</i>		<i>with wide QRS complex</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA159</i>		<i>count of complexes (wide QRS complex)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

<i>ECGA160</i>		<i>with slow ventricular rate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA161</i>		<i>count of complexes (slow ventricular rate)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16212	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
20		Missing

### NOVACODE 2-series to 10-series codes, by software only

<i>ECGA162</i>		<i>novacode atrioventricular conduction abnormalities; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
337	999	
153	0	
15539	2.0	AV conduction normal
183	2.1	1st degree AV block (AVB1)
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA163		<i>novacode prolonged ventricular excitation; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	Suppressed code
15469	3.0	QRS duration normal
83	3.1.0	Left bundle branch block (LBBB) w/o evidence of MI
10	3.1.1	Left bundle branch block (LBBB) with possible MI
177	3.2.0	Right bundle branch block (RBBB) w/o evidence of MI
14	3.2.1	Right bundle branch block (RBBB) with possible MI
95	3.3.0	Intermediate ventricular conduction delay (IVCD) w/o evidence of MI
8	3.3.1	Intermediate ventricular conduction delay (IVCD) with possible MI
18	3.4.1	Borderline delay of right ventricular excitation
185	3.4.2	Borderline delay of left ventricular excitation
20		Missing

ECGA164		<i>novacode prolonged ventricular repolarization; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
15667	4.0	None
339	4.1.1	Marginal
53	4.1.2	Significant
20		Missing

ECGA165		<i>novacode prevalent myocardial infarction/ischemia; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
543	0	
11175	5.0	No significant Q waves/no significant ST-T abnormalities
48	5.1	Q wave MI: major Q waves w/ or w/o ST-T abnormalities
31	5.2	Q wave MI: moderate Q waves w/ ST-T abnormalities
154	5.3	Possible Q wave MI: moderate Q waves w/o ST-T abnormalities
103	5.4	Possible Q wave MI: minor Q waves w/ ST-T abnormalities
222	5.5	ST abnormalities w/o Q waves
197	5.6	T wave abnormalities w/o Q waves
1644	5.7	Minor Q waves w/o ST-T abnormalities
2095	5.8	Minor ST-T abnormalities
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA166		<i>novacode left ventricular hypertrophy; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
15558	6.0	No left ventricular hypertrophy (LVH)
407	6.1.0	Left ventricular hypertrophy w/o ST-T abnormalities
94	6.1.1	Left ventricular hypertrophy w ST-T abnormalities
20		Missing

ECGA167		<i>novacode left atrial enlargement; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
13670	7.0	No left atrial enlargement
2389	7.1	Left atrial enlargement (LAE)
20		Missing

ECGA168		<i>novacode right ventricular hypertrophy; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
15971	8.0	No right atrial enlargement
88	8.1	Right atrial enlargement (RVH)
20		Missing

ECGA169		<i>novacode right atrial enlargement; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
15971	9.0	No right atrial enlargement
88	9.1	Right atrial enlargement (RAE)
20		Missing

ECGA170		<i>novacode fascicular blocks; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
153	0	
16019	10.0	No fascicular block
20	10.1	Left anterior fascicular block (LAFB)
20	10.2	Left posterior fascicular block (LPFB)
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA171		<i>novacode right ventricular hypertrophy; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA172		<i>novacode right atrial enlargement; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA173		<i>novacode atrioventricular conduction abnormalities; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	2.2.1	
7	2.4	
16223		Missing

ECGA174		<i>novacode prolonged ventricular excitation; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA175		<i>novacode prolonged ventricular repolarization; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA176		<i>novacode prevalent myocardial infarction/ischemia; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA177		<i>novacode left ventricular hypertrophy; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

ECGA178		<i>novacode left atrial enlargement; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA179		<i>novacode fascicular blocks; by software</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

For following variable series descriptions and formulas, see "Minnesota Code Classification System for Electrocardiograph Findings" listing in ECG Manual 5

ECGA180		<i>MINN Code 1 - Q and QS Patterns</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
160	0	
15909	1000	
3	111	
4	112	
4	121	
63	122	
2	123	
67	131	
20		Missing

ECGA181		<i>MINN Code 1 - Q and QS Patterns</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
160	0	
15924	1000	
15	111	
4	112	
5	121	
70	122	
20	123	
14	131	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA182		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15160	1000	
93	114	
235	124	
376	134	
188	136	
20		Missing

ECGA183		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15396	1000	
37	115	
98	125	
333	135	
188	136	
20		Missing

ECGA184		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15824	1000	
24	113	
204	133	
20		Missing

ECGA185		MINN Code 1 - Q and QS Patterns
N	Value	Description
16212	0	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA186		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15998	1000	
54	112	
20		Missing

ECGA187		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15904	1000	
13	111	
1	112	
6	116	
1	121	
119	132	
8	138	
20		Missing

ECGA188		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15980	1000	
2	111	
5	116	
1	122	
20	127	
44	138	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA189		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
16013	1000	
2	111	
1	112	
2	116	
7	117	
21	122	
1	131	
5	138	
20		Missing

ECGA190		MINN Code 1 - Q and QS Patterns
N	Value	Description
161	0	
15969	1000	
1	111	
1	112	
4	117	
61	122	
10	131	
5	138	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA191		MINN Code 1 - Q and QS Patterns
N	Value	Description
160	0	
15850	1000	
2	111	
4	112	
3	116	
1	121	
156	122	
22	131	
14	138	
20		Missing

ECGA192		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15529	4000	
1	411	
11	412	
48	420	
76	430	
20		Missing

ECGA193		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15584	4000	
2	412	
51	420	
23	430	
5	440	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA194		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15665	4000	
20		Missing

ECGA195		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15623	4000	
42	420	
20		Missing

ECGA196		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15325	4000	
4	412	
40	420	
293	430	
3	440	
20		Missing

ECGA197		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
16212	0	
20		Missing

ECGA198		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15610	4000	
3	412	
37	420	
15	440	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA199		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15587	4000	
4	420	
39	430	
35	440	
20		Missing

ECGA200		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15615	4000	
1	411	
1	412	
6	420	
12	430	
30	440	
20		Missing

ECGA201		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15595	4000	
3	411	
5	412	
25	420	
19	430	
18	440	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA202		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15535	4000	
3	411	
8	412	
48	420	
51	430	
20	440	
20		Missing

ECGA203		MINN Code 4 - ST Junction and Segment Depression
N	Value	Description
547	0	
15492	4000	
1	411	
6	412	
69	420	
93	430	
4	440	
20		Missing

ECGA204		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15382	5000	
3	510	
88	520	
155	530	
37	540	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA205		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15498	5000	
27	520	
119	530	
21	540	
20		Missing

ECGA206		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15665	5000	
20		Missing

ECGA207		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15632	5000	
33	520	
20		Missing

ECGA208		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15253	5000	
3	510	
112	520	
260	530	
37	540	
20		Missing

ECGA209		MINN Code 5 - T-Wave Items
N	Value	Description
16212	0	
20		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

## Section B: Reading Center Data

ECGA210		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15665	5000	
20		Missing

ECGA211		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15413	5000	
4	510	
248	520	
20		Missing

ECGA212		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15347	5000	
10	510	
141	520	
140	530	
27	540	
20		Missing

ECGA213		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15314	5000	
15	510	
138	520	
108	530	
90	540	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA214		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15245	5000	
11	510	
137	520	
149	530	
123	540	
20		Missing

ECGA215		MINN Code 5 - T-Wave Items
N	Value	Description
547	0	
15296	5000	
4	510	
87	520	
198	530	
80	540	
20		Missing

ECGA216		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15581	9200	
84	921	
20		Missing

ECGA217		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15441	9200	
224	921	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA218		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15619	9200	
46	921	
20		Missing

ECGA219		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15584	9200	
81	921	
20		Missing

ECGA220		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15630	9200	
35	921	
20		Missing

ECGA221		MINN Code 92 - ST Segment Elevation
N	Value	Description
16212	0	
20		Missing

ECGA222		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15658	9200	
7	921	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA223		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15436	9200	
229	921	
20		Missing

ECGA224		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15564	9200	
101	921	
20		Missing

ECGA225		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15635	9200	
30	921	
20		Missing

ECGA226		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15395	9200	
270	921	
20		Missing

ECGA227		MINN Code 92 - ST Segment Elevation
N	Value	Description
547	0	
15593	9200	
72	921	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA228		MINN Code 2 - QRS Axis Deviation
N	Value	Description
888	0	
14866	2.0	
313	2.1	
11	2.2	
134	2.3	
20		Missing

ECGA229		MINN Code 3 - High Amplitude R Waves
N	Value	Description
1	-	
547	0	
14934	3.0	
454	3.1	
26	3.2	
270	3.3	

ECGA230		MINN Code 7 - Ventricular Conduction Defect
N	Value	Description
1	-	
341	0	
12279	7.0	
51	7.1	
194	7.2	
300	7.3	
126	7.4	
616	7.5	
2285	7.6	
23	7.7	
16	7.8	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA231		MINN Code 91 - Low QRS amplitude
N	Value	Description
1	-	
160	0	
15718	9.1.0	
353	9.1.1	

ECGA232		MINN Code 93 - P wave amplitude $\geq 2.5$ mm
N	Value	Description
1	-	
160	0	
15983	9.3.0	
88	9.3.1	

ECGA233		MINN Code 94 - QRS transition zone
N	Value	Description
1	-	
547	0	
4312	9.4.0	
10774	9.4.1	
598	9.4.2	

ECGA234		MINN Code 95 - T wave amplitude $\geq 12$ mm
N	Value	Description
1	-	
547	0	
15380	9.5.0	
304	9.5.1	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA235		MINN Code 1 - Q and QS Patterns; Posterior Site
N	Value	Description
1	-	
161	0	
15119	1.0	
10	1.1.1	
4	1.1.2	
49	1.1.4	
3	1.1.5	
10	1.2.1	
19	1.2.2	
14	1.2.3	
106	1.2.4	
14	1.2.5	
12	1.3.1	
469	1.3.4	
60	1.3.5	
181	1.3.6	

ECGA236		MINN Code 4 - ST Junction and Segment Depression; Posterior Site
N	Value	Description
1	-	
547	0	
15580	4.0	
2	4.1.2	
75	4.2	
22	4.3	
5	4.4	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA237		MINN Code 5 - T-Wave Items; Posterior Site
N	Value	Description
1	-	
547	0	
15499	5.0	
52	5.2	
115	5.3	
18	5.4	

ECGA238		MINN Code 92 - ST Segment Elevation; Posterior Site
N	Value	Description
1	-	
547	0	
15445	9.2.0	
239	9.2.1	

ECGA239		MINN Code 1 - Q and QS Patterns; Anterolateral Site
N	Value	Description
1	-	
162	0	
15738	1.0	
3	1.1.1	
3	1.1.2	
7	1.1.3	
3	1.1.6	
6	1.2.1	
47	1.2.2	
1	1.2.3	
85	1.3.1	
160	1.3.3	
16	1.3.8	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA240		MINN Code 4 - ST Junction and Segment Depression; Anterolateral Site
N	Value	Description
1	-	
547	0	
15223	4.0	
1	4.1.1	
14	4.1.2	
104	4.2	
338	4.3	
4	4.4	

ECGA241		MINN Code 5 - T-Wave Items; Anterolateral Site
N	Value	Description
1	-	
547	0	
14999	5.0	
5	5.1	
180	5.2	
416	5.3	
84	5.4	

ECGA242		MINN Code 92 - ST Segment Elevation; Anterolateral Site
N	Value	Description
1	-	
547	0	
15534	9.2.0	
150	9.2.1	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA243		MINN Code 1 - Q and QS Patterns; Anterior Site
N	Value	Description
1	-	
171	0	
15828	1.0	
14	1.1.1	
15	1.1.2	
13	1.1.6	
5	1.1.7	
14	1.2.2	
8	1.2.7	
11	1.3.1	
96	1.3.2	
56	1.3.8	

ECGA244		MINN Code 4 - ST Junction and Segment Depression; Anterior Site
N	Value	Description
1	-	
547	0	
15403	4.0	
3	4.1.1	
12	4.1.2	
95	4.2	
87	4.3	
84	4.4	

ECGA245		MINN Code 5 - T-Wave Items; Anterior Site
N	Value	Description
1	-	
547	0	
14886	5.0	
18	5.1	
427	5.2	
223	5.3	
130	5.4	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA246		MINN Code 92 - ST Segment Elevation; Anterior Site
N	Value	Description
1	-	
547	0	
15179	9.2.0	
505	9.2.1	

#### MINN: Visual Flags for A-V Conduction Defect (6-series)

ECGA247		Complete (third degree) A-V block; by visual flag
N	Value	Description
1	-	
21	0	
16210	6.1.0	

ECGA248		Mobitz type II, Partial, or Wenckebach; by visual flag
N	Value	Description
1	-	
50	0	
16179	6.2.0	
2	6.2.3	

ECGA249		P-R Interval > .22 sec; by visual flag
N	Value	Description
1	-	
50	0	
16030	6.3.0	
151	6.3.1	

ECGA250		Wolff_Parkinson-White pattern; by visual flag
N	Value	Description
1	-	
21	0	
16203	6.4.0	
7	6.4.1	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA251</i>		<i>SHORT_PR; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
50	0	
15839	6.5.0	
342	6.5.1	

<i>ECGA252</i>		<i>Intermittent aberrant atrioventricular conduction; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
29	0	
19	6.6.0	
16183		Missing

<i>ECGA253</i>		<i>not used</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA254</i>		<i>Artificial Pacemaker; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
16212	6.8.0	
19	6.8.1	

**MINN: Visual Flags for Arrhythmias (8-series)**

<i>ECGA255</i>		<i>Premature beats; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
79	0	
15703	8.1.0	
325	8.1.1	
115	8.1.2	
7	8.1.3	
2	8.1.4	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA256</i>		<i>Ventricular arrhythmia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
28	0	
16203	8.2.0	

<i>ECGA257</i>		<i>Atrial fibrillation/flutter; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
21	0	
16181	8.3.0	
29	8.3.1	

<i>ECGA258</i>		<i>Supraventricular arrhythmia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
50	0	
16130	8.4.0	
51	8.4.1	

<i>ECGA259</i>		<i>Sinoatrial arrhythmia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
29	0	
16201	8.5.0	
1	8.5.1	

<i>ECGA260</i>		<i>A-V dissociation; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
50	0	
16181	8.6.0	

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA261</i>		<i>Sinus tachycardia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
50	0	
16151	8.7.0	
30	8.7.1	

<i>ECGA262</i>		<i>Sinus bradycardia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
50	0	
15210	8.8.0	
971	8.8.1	

<i>ECGA263</i>		<i>Other arrhythmia; by visual flag</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	-	
21	0	
16209	8.9.0	
1	8.9.1	

**Other Variable Descriptor Versions (uses sentence descriptors similar to prompts) based on previously coded values**

<i>ECGA264</i>		<i>HRV</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15541	Range	1.1 - 375.8 ( median=27.2 mean=35.28 std=29.06 )
691		Missing

<i>ECGA265</i>		<i>HRV</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15541	Range	0.9 - 256 ( median=23.1 mean=29.26 std=22.36 )
691		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA266		one of the following
N	Value	Description
51	Complete/Intermittent LBBB	
194	Complete/Intermittent RBBB	
16	Complete/Intermittent RBBB w/ Left Anterior Hemiblock	
126	Nonspecific Intraventricular Block	
15845		Missing

ECGA267		Major Q Wave abnormalities [old Myocardial Infarction (MI)]
N	Value	Description
325	Major Q Wave abnormalities [old Myocardial Infarction (MI)]	
15907		Missing

ECGA268		Minor Q, QS waves with ST, T abnormalities (possible old MI)
N	Value	Description
66	Minor Q, QS waves with ST, T abnormalities (possible old MI)	
16166		Missing

ECGA269		Major Isolated ST_T abnormalities
N	Value	Description
661	Major Isolated ST_T abnormalities	
15571		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA270</i>		<i>Left Ventricular Hypertrophy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
91	Left Ventricular Hypertrophy	
16141		Missing

<i>ECGA271</i>		<i>Atrial Fibrillation or Flutter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	Atrial fibrillation	
16203		Missing

<i>ECGA272</i>		<i>one of the following</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Wenckebach's phenomenon	
16230		Missing

<i>ECGA273</i>		<i>Complete (third degree) A-V block</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA274</i>		<i>one of the following</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA275</i>		<i>Wolff-Parkinson-White pattern</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	Wolff-Parkinson-White pattern	
16225		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA276</i>		<i>Major QT Prolongation, QT<sub>i</sub> &gt;= 116%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
75	Major QT Prolongation, QT <sub>i</sub> >= 116%	
16157		Missing

<i>ECGA277</i>		<i>Pacemaker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19	Pacemaker	
16213		Missing

<i>ECGA278</i>		<i>one of the following</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA279</i>		<i>one of the following</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA280</i>		<i>Supraventricular tachycardia intermittent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16232		Missing

<i>ECGA281</i>		<i>MINOR ISOLATED Q, QS waves</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1116	Minor Isolated Q, QS waves	
15116		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

ECGA282		MINOR ISOLATED ST,T Abnormalities
N	Value	Description
1061	Minor Isolated ST,T Abnormalities	
15171		Missing

ECGA283		HIGH R waves
N	Value	Description
750	High R waves	
15482		Missing

ECGA284		ST Segment Elevation, Anterolateral Site
N	Value	Description
150	ST Segment Elevation, Anterolateral Site	
16082		Missing

ECGA285		ST Segment Elevation, Posterior Site
N	Value	Description
239	ST Segment Elevation, Posterior Site	
15993		Missing

ECGA286		ST Segment Elevation, Anterior Site
N	Value	Description
505	ST Segment Elevation, Anterior Site	
15727		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>ECGA287</i>		<i>Incomplete RBBB</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2308	Incomplete LBBB	
13924		Missing

<i>ECGA288</i>		<i>Incomplete LBBB</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
300	Incomplete RBBB	
15932		Missing

<i>ECGA289</i>		<i>Minor QT Prolongation, QT<sub>i</sub> &gt;=112%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	Minor QT Prolongation, QT <sub>i</sub> >=112%	
313	Minor QT Prolongation, QT <sub>i</sub> >=112%	
15914		Missing

<i>ECGA290</i>		<i>Short PR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
342	Short PR	
15890		Missing

<i>ECGA291</i>		<i>Left axis deviation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
313	Left axis deviation	
15919		Missing

<i>ECGA292</i>		<i>Right axis deviation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Right axis deviation	
16221		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

ECGA293		<i>Frequent Ventricular Premature Beats</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
122	Frequent Ventricular Premature Beats	
16110		Missing

ECGA294		<i>P-R Interval &gt; .22 sec</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151	P-R Interval > .22 sec	
16081		Missing

ECGA295		<i>one of the following</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
325	Frequent atrial or junctional premature beats	
2	Wandering Atrial Pacemaker	
15905		Missing

ECGA296		<i>Supraventricular rhythm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
51	Supraventricular rhythm	
16181		Missing

ECGA297		<i>Sinus Tachycardia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
30	Sinus Tachycardia	
16202		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

<i>ECGA298</i>		<i>Sinus Bradycardia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
971	Sinus Bradycardia	
15261		Missing

<i>ECGA299</i>		<i>Low QRS amplitude</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
353	Low QRS amplitude	
15879		Missing

<i>ECGA300</i>		<i>P-wave amplitude high</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
88	P-wave amplitude high	
16144		Missing

<i>ECGA301</i>		<i>Flag for suppressed codes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16031	NOSUPP	
179	SUPP	
2	SUPPDC	
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data****Sleep Monitor Data: FORM CODE=SLP VERSION=A**

<i>SLPA1</i>		<i>Date of Study</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3318	Range	03/04/2008 - 05/11/2009
11959		Missing

<i>SLPA2</i>		<i>Site ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3761	1	Bronx
3960	2	Chicago
3554	3	Miami
4002	4	San Diego

**Technician ID (SLPA3 has been suppressed)**

<i>SLPA4</i>		<i>ARES Unicorder ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15275	Present	Variable/Text Values Suppressed
2		Missing

<i>SLPA5</i>		<i>Date Received at Reading Center</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15277	Range	03/16/2001 - 08/09/2011

<i>SLPA6</i>		<i>Week-ending date received</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15277	Range	03/21/2008 - 08/12/2011

<i>SLPA7</i>		<i>Scorer ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15277	Present	Variable/Text Values Suppressed

<i>SLPA8</i>		<i>Date Scored</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15277	Range	03/20/2008 - 08/25/2011

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA9		Hours of valid recording time - Cannula
N	Value	Description
14477	Range	0 - 15.7 ( median=6 mean=5.6 std=1.9 )
800		Missing

SLPA10		Hours of valid recording time in supine position - Cannula
N	Value	Description
14475	Range	0 - 29 ( median=2.2 mean=2.41 std=1.76 )
802		Missing

SLPA11		Hours of valid recording time in non-supine position - Cannula
N	Value	Description
14475	Range	0 - 11.5 ( median=3.1 mean=3.18 std=1.86 )
802		Missing

SLPA12		Hours of valid recording time - SpO2
N	Value	Description
14512	Range	0.5 - 15.8 ( median=6.1 mean=5.75 std=1.82 )
765		Missing

SLPA13		Hours of valid recording time in supine position - SpO2
N	Value	Description
14511	Range	0 - 36 ( median=2.2 mean=2.49 std=1.81 )
766		Missing

SLPA14		Hours of valid recording time in non-supine position - SpO2
N	Value	Description
14511	Range	0 - 27 ( median=3.2 mean=3.27 std=1.88 )
766		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA15		Overall Study Quality
N	Value	Description
766	-1	Not scored
1921	0	Short Study
59	1	Short Airflow
119	2	Fair
164	3	Good
12248	4	Excellent

SLPA16		Urgent Referral - AHI > 50
N	Value	Description
15005	0	No
267	1	Yes
5		Missing

SLPA17		AHI > 50 comments
N	Value	Description
265	Present	Variable/Text Values Suppressed
15012		Missing

SLPA18		Urgent Referral - Baseline sat < 90
N	Value	Description
15262	0	No
10	1	Yes
5		Missing

SLPA19		Baseline sat < 90 comments
N	Value	Description
10	Present	Variable/Text Values Suppressed
15267		Missing

SLPA20		Urgent Referral - sat < 90 for 10% of recording
N	Value	Description
15036	0	No
236	1	Yes
5		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA21		sat < 90 comments (SLPA21)
N	Value	Description
234	Present	Variable/Text Values Suppressed
15043		Missing

SLPA22		Urgent Referral - HR > 150
N	Value	Description
15271	0	No
1	1	Yes
5		Missing

SLPA23		HR > 150 comments
N	Value	Description
15277		Missing

SLPA24		Urgent Referral - HR < 30
N	Value	Description
15270	0	No
2	1	Yes
5		Missing

SLPA25		HR < 30 comments
N	Value	Description
15277		Missing

SLPA26		Other scorer comments
N	Value	Description
6838	Present	Variable/Text Values Suppressed
8439		Missing

SLPA27		Total Time in Bed (hours)
N	Value	Description
14512	Range	0.5172222 - 15.75972 ( median=6.136667 mean=5.7563490 std=1.8150333 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA28		Recording Time (hours)
N	Value	Description
14512	Range	0.5172222 - 16.89639 ( median=6.848889 mean=6.4527516 std=1.8016463 )
765		Missing

SLPA29		Recording Time (seconds)
N	Value	Description
14512	Range	1862 - 60827 ( median=24655 mean=23229.4 std=6485.9 )
765		Missing

SLPA30		Valid Recording Time (hours)
N	Value	Description
14538	Range	0 - 15.76 ( median=6.13 mean=5.746 std=1.828 )
739		Missing

SLPA31		Valid Recording Time (seconds)
N	Value	Description
14512	Range	1862 - 56735 ( median=22092 mean=20722.4 std=6534.1 )
765		Missing

SLPA32		Valid Recording Time (Hours) - Non-Supine
N	Value	Description
14512	Range	0 - 11.61195 ( median=3.2304165 mean=3.27119343 std=1.87085053 )
765		Missing

SLPA33		Percent time in Non-Supine position
N	Value	Description
14512	Range	-0.062145 - 100 ( median=58.959915 mean=56.8593360 std=27.1527255 )
765		Missing

SLPA34		Valid Recording Time (Hours) - Supine
N	Value	Description
14512	Range	0 - 13.12833 ( median=2.236111 mean=2.4851555 std=1.7647193 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

SLPA35		<i>Percent time in Supine position</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 100 ( median=41.040085 mean=43.1405516 std=27.1524903 )
765		Missing

SLPA36		<i>Apnea/Hypopnea Index (all desats)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14469	Range	0 - 157.7777 ( median=13.07692 mean=19.132072 std=19.002600 )
808		Missing

SLPA37		<i>Apnea/Hypopnea Index (all desats, non-supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13975	Range	0 - 390 ( median=7.631578 mean=13.9336775 std=17.6939120 )
1302		Missing

SLPA38		<i>Apnea/Hypopnea Index (all desats, supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13825	Range	0 - 430 ( median=19.45945 mean=27.559777 std=26.497539 )
1452		Missing

SLPA39		<i>Apnea/Hypopnea Events (all desats)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 1057 ( median=69 mean=107.2 std=114.8 )
765		Missing

SLPA40		<i>Apnea/Hypopnea Events (all desats, non-supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 883 ( median=20 mean=45.0 std=68.5 )
765		Missing

SLPA41		<i>Apnea/Hypopnea Events (all desats, supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 779 ( median=34 mean=62.2 std=78.9 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA42		Total Time spent in Apnea/Hypopnea event (all desats) (hours)
N	Value	Description
14512	Range	0 - 7.481388 ( median=0.3583333 mean=0.58682908 std=0.68448534 )
765		Missing

SLPA43		Total Time spent in Apnea/Hypopnea event (all desats, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 20961 ( median=361 mean=884.3 std=1431.5 )
765		Missing

SLPA44		Total Time spent in Apnea/Hypopnea event (all desats, supine) (seconds)
N	Value	Description
14512	Range	0 - 19586 ( median=622.5 mean=1227.71 std=1702.19 )
765		Missing

SLPA45		Apnea/Hypopnea Index (1% desat)
N	Value	Description
14469	Range	0 - 150.5555 ( median=4.0625 mean=9.23976 std=14.07482 )
808		Missing

SLPA46		Apnea/Hypopnea Index (1% desat, non-supine)
N	Value	Description
13975	Range	0 - 220 ( median=1.73913 mean=6.371379 std=12.709544 )
1302		Missing

SLPA47		Apnea/Hypopnea Index (1% desat, supine)
N	Value	Description
13825	Range	0 - 320 ( median=6 mean=14.0 std=19.7 )
1452		Missing

SLPA48		Apnea/Hypopnea Events (1% desat)
N	Value	Description
14512	Range	0 - 969 ( median=21 mean=51.6 std=81.9 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA49		Apnea/Hypopnea Events (1% desat, non-supine)
N	Value	Description
14512	Range	0 - 844 ( median=4 mean=20.6 std=47.4 )
765		Missing

SLPA50		Apnea/Hypopnea Events (1% desat, supine)
N	Value	Description
14512	Range	0 - 686 ( median=11 mean=30.9 std=53.6 )
765		Missing

SLPA51		Total Time spent in Apnea/Hypopnea event (1% desat) (hours)
N	Value	Description
14512	Range	0 - 7.136666 ( median=0.1277777 mean=0.32977304 std=0.55621398 )
765		Missing

SLPA52		Total Time spent in Apnea/Hypopnea event (1% desat, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 20828 ( median=91 mean=475.6 std=1125.7 )
765		Missing

SLPA53		Total Time spent in Apnea/Hypopnea event (1% desat, supine) (seconds)
N	Value	Description
14512	Range	0 - 19198 ( median=220 mean=711.3 std=1341.4 )
765		Missing

SLPA54		Apnea/Hypopnea Index (3% desat)
N	Value	Description
14469	Range	0 - 141.6666 ( median=1.911764 mean=6.2405510 std=11.9435042 )
808		Missing

SLPA55		Apnea/Hypopnea Index (3% desat, non-supine)
N	Value	Description
13975	Range	0 - 140 ( median=0.6896551 mean=4.26985868 std=10.70053229 )
1302		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA56		Apnea/Hypopnea Index (3% desat, supine)
N	Value	Description
13825	Range	0 - 157.6923 ( median=2.777777 mean=9.4435613 std=16.3629647 )
1452		Missing

SLPA57		Apnea/Hypopnea Events (3% desat)
N	Value	Description
14512	Range	0 - 930 ( median=10 mean=34.6 std=68.2 )
765		Missing

SLPA58		Apnea/Hypopnea Events (3% desat, non-supine)
N	Value	Description
14512	Range	0 - 799 ( median=2 mean=13.7 std=39.2 )
765		Missing

SLPA59		Apnea/Hypopnea Events (3% desat, supine)
N	Value	Description
14512	Range	0 - 662 ( median=5 mean=20.9 std=43.8 )
765		Missing

SLPA60		Total Time spent in Apnea/Hypopnea event (3% desat) (hours)
N	Value	Description
14512	Range	0 - 6.995 ( median=0.0622222 mean=0.23723728 std=0.49287889 )
765		Missing

SLPA61		Total Time spent in Apnea/Hypopnea event (3% desat, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 20719 ( median=37 mean=338.2 std=988.0 )
765		Missing

SLPA62		Total Time spent in Apnea/Hypopnea event (3% desat, supine) (seconds)
N	Value	Description
14512	Range	0 - 19022 ( median=101 mean=515.6 std=1175.1 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA63		Apnea/Hypopnea Index (4% desat)
N	Value	Description
14469	Range	0 - 128.3333 ( median=0.8823529 mean=4.35545321 std=10.18412418 )
808		Missing

SLPA64		Apnea/Hypopnea Index (4% desat, non-supine)
N	Value	Description
13975	Range	0 - 123.3333 ( median=0.2608695 mean=2.97590660 std=9.08660055 )
1302		Missing

SLPA65		Apnea/Hypopnea Index (4% desat, supine)
N	Value	Description
13825	Range	0 - 140.7692 ( median=1.2 mean=6.53 std=13.66 )
1452		Missing

SLPA66		Apnea/Hypopnea Events (4% desat)
N	Value	Description
14512	Range	0 - 892 ( median=5 mean=24.0 std=57.3 )
765		Missing

SLPA67		Apnea/Hypopnea Events (4% desat, non-supine)
N	Value	Description
14512	Range	0 - 706 ( median=1 mean=9.5 std=32.9 )
765		Missing

SLPA68		Apnea/Hypopnea Events (4% desat, supine)
N	Value	Description
14512	Range	0 - 625 ( median=2 mean=14.5 std=36.5 )
765		Missing

SLPA69		Total Time spent in Apnea/Hypopnea event (4% desat) (hours)
N	Value	Description
14512	Range	0 - 6.836944 ( median=0.0297222 mean=0.17500366 std=0.43755949 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA70		Total Time spent in Apnea/Hypopnea event (4% desat, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 20595 ( median=14 mean=248.0 std=874.5 )
765		Missing

SLPA71		Total Time spent in Apnea/Hypopnea event (4% desat, supine) (seconds)
N	Value	Description
14512	Range	0 - 18749 ( median=46 mean=381.9 std=1035.6 )
765		Missing

SLPA72		Apnea Index (all desats)
N	Value	Description
14469	Range	0 - 0.3225806 ( median=0 mean=0.0 std=0.0 )
808		Missing

SLPA73		Apnea Index (all desats, non-supine)
N	Value	Description
13975	Range	0 - 0.2325581 ( median=0 mean=0.0 std=0.0 )
1302		Missing

SLPA74		Apnea Index (all desats, supine)
N	Value	Description
13825	Range	0 - 0.625 ( median=0 mean=0.0 std=0.0 )
1452		Missing

SLPA75		Apnea Events (all desats)
N	Value	Description
14512	Range	0 - 1 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA76		Apnea Events (all desats, non-supine)
N	Value	Description
14512	Range	0 - 1 ( median=0 mean=0.0 std=0.0 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

SLPA77		Apnea Events (all desats, supine)
N	Value	Description
14512	Range	0 - 1 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA78		Total Time spent in Apnea event (all desats) (hours)
N	Value	Description
14512	Range	0 - 0.0105555 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA79		Total Time spent in Apnea event (all desats, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 14 ( median=0 mean=0.0 std=0.1 )
765		Missing

SLPA80		Total Time spent in Apnea event (all desats, supine) (seconds)
N	Value	Description
14512	Range	0 - 38 ( median=0 mean=0.0 std=0.4 )
765		Missing

SLPA81		Central Apnea Index (all desats)
N	Value	Description
14469	Range	0 - 0.1515151 ( median=0 mean=0.0 std=0.0 )
808		Missing

SLPA82		Central Apnea Index (all desats, non-supine)
N	Value	Description
13975	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
1302		Missing

SLPA83		Central Apnea Index (all desats, supine)
N	Value	Description
13825	Range	0 - 0.2439024 ( median=0 mean=0.0 std=0.0 )
1452		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA84		Central Apnea Events (all desats)
N	Value	Description
14512	Range	0 - 1 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA85		Central Apnea Events (all desats, non-supine)
N	Value	Description
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA86		Central Apnea Events (all desats, supine)
N	Value	Description
14512	Range	0 - 1 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA87		Total Time spent in Central Apnea event (all desats) (hours)
N	Value	Description
14512	Range	-6.77277 - 0 ( median=0 mean=-0.0 std=0.1 )
765		Missing

SLPA88		Total Time spent in Central Apnea event (all desats, non-supine) (seconds)
N	Value	Description
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

SLPA89		Total Time spent in Central Apnea event (all desats, supine) (seconds)
N	Value	Description
14512	Range	-24382 - 0 ( median=0 mean=-1.7 std=202.4 )
765		Missing

SLPA90		Baseline SpO2
N	Value	Description
14512	Range	0 - 100.9804 ( median=97.172095 mean=96.9685803 std=2.8144828 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA91		Minimum SpO2
N	Value	Description
14512	Range	40.5 - 1000 ( median=88.9 mean=87.23 std=9.65 )
765		Missing

SLPA92		Mean SpO2
N	Value	Description
14512	Range	0 - 99.42789 ( median=96.73132 mean=96.454052 std=1.233713 )
765		Missing

SLPA93		Standard Deviation SpO2
N	Value	Description
14512	Range	0 - 9.915971 ( median=1.171958 mean=1.3454978 std=0.7629292 )
765		Missing

SLPA94		Mean SpO2 (non-supine)
N	Value	Description
14512	Range	0 - 100.6167 ( median=96.785085 mean=94.0531610 std=15.1849834 )
765		Missing

SLPA95		Mean SpO2 (supine)
N	Value	Description
14512	Range	0 - 100.1843 ( median=96.674135 mean=94.8068012 std=12.4397221 )
765		Missing

SLPA96		Percent Time SpO2 < 95
N	Value	Description
14512	Range	0 - 100.0043 ( median=6.775244 mean=12.4356480 std=15.0261203 )
765		Missing

SLPA97		Percent Time SpO2 < 90
N	Value	Description
14512	Range	0 - 99.20124 ( median=0.0407018 mean=0.82163119 std=3.15337313 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA98		Percent Time SpO2 < 85
N	Value	Description
14512	Range	0 - 73.53309 ( median=0 mean=0.2 std=1.5 )
765		Missing

SLPA99		Percent Time SpO2 < 80
N	Value	Description
14512	Range	0 - 19.28699 ( median=0 mean=0.1 std=0.6 )
765		Missing

SLPA100		Percent Time SpO2 < 75
N	Value	Description
14512	Range	0 - 9.847531 ( median=0 mean=0.0 std=0.3 )
765		Missing

SLPA101		Percent Time SpO2 < 70
N	Value	Description
14512	Range	0 - 5.217678 ( median=0 mean=0.0 std=0.1 )
765		Missing

SLPA102		Total time of artifact SpO2 (hours)
N	Value	Description
14512	Range	0 - 3.772839 ( median=0.0576208 mean=0.08769425 std=0.11700852 )
765		Missing

SLPA103		Total time of poor SpO2 (hours)
N	Value	Description
14512	Range	0 - 0.9477056 ( median=0.0320319 mean=0.04564956 std=0.05095979 )
765		Missing

SLPA104		Percent of time with artifact SpO2
N	Value	Description
14512	Range	0 - 0.9420599 ( median=0 mean=0.0 std=0.0 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

**Section B: Reading Center Data**

<i>SLPA105</i>		<i>Mean SpO2 desaturation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA106</i>		<i>Mean SpO2 desaturation (non-supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA107</i>		<i>Mean SpO2 desaturation (supine)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA108</i>		<i>Mean SpO2 desaturation nadir</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA109</i>		<i>Mean SpO2 desaturation starting SpO2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA110</i>		<i>Mean SpO2 desaturation recovery</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 0 ( median=0 mean=0.0 std=0.0 )
765		Missing

<i>SLPA111</i>		<i>Minimum Heart Rate</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14512	Range	0 - 101.6 ( median=51.6 mean=51.78 std=7.91 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA112		Maximum Heart Rate
N	Value	Description
14512	Range	53.9 - 244 ( median=98.75 mean=99.015 std=11.468 )
765		Missing

SLPA113		Mean Heart Rate
N	Value	Description
14512	Range	0 - 111.6323 ( median=67.2617 mean=67.84458 std=9.06891 )
765		Missing

SLPA114		Standard Deviation Heart Rate
N	Value	Description
14512	Range	0 - 20.15872 ( median=5.024111 mean=5.2169023 std=1.5297471 )
765		Missing

SLPA115		Mean Snore level (dB)
N	Value	Description
14512	Range	0 - 3010.365 ( median=156.5422 mean=235.31186 std=229.89764 )
765		Missing

SLPA116		Total time spent in loud snoring
N	Value	Description
14512	Range	0 - 87.53521 ( median=28.302975 mean=27.5859201 std=16.5503776 )
765		Missing

SLPA117		Percent of time with Snoring level > 30 dB
N	Value	Description
14512	Range	0 - 86.26614 ( median=26.40686 mean=26.116576 std=16.315665 )
765		Missing

SLPA118		Percent of time with Snoring level > 40 dB
N	Value	Description
14512	Range	0 - 78.25642 ( median=7.8690895 mean=14.59965992 std=16.04574910 )
765		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 2 Section B

### Section B: Reading Center Data

SLPA119		Percent of time with Snoring level > 50 dB
N	Value	Description
14512	Range	0 - 73.62587 ( median=0.1913804 mean=3.58912335 std=8.44964111 )
765		Missing

SLPA120		Percent of time with Snoring level > 60 dB
N	Value	Description
14512	Range	0 - 67.90974 ( median=0.03951205 mean=1.615585778 std=5.313205066 )
765		Missing

SLPA121		Reasons for Short Studies (SLP_OVERALL_FAIL_CODE)
N	Value	Description
433	1	No ASI
151	2	TRT<4 Low Battery
397	3	TRT<4 User Shutoff Alarms
106	4	TRT<4 User Shutoff Poor Sleep
837	5	TRT<4 User Shutoff Unkno
714	6	TRT >4 Poor SpO2 and/or Cannula
45	7	TRT >4 Poor Sleep - User Related
12594		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File****Participant Derived Variable File****Design**

<i>COHORT</i>		<i>Cohort Year (from Household Address Wave Assignment)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7413	1	Sampling Year 1
4402	2	Sampling Year 2
4600	3	Sampling Year 3

<i>PSU_ID</i>		<i>Primary Sampling Unit (cluster analysis variable - masked)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	10003 - 29629 ( median=15313 mean=16651.1 std=5029.9 )

<i>STRAT</i>		<i>2-Stage Sample Design Strata (strata analysis variable - masked)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	10 - 29 ( median=15 mean=16.3 std=5.0 )

<i>LISTNUM</i>		<i>List Address Record Assigned</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5940	1	Non-Hispanic Surname List
10475	2	Hispanic Surname List

<i>PSU_CNT</i>		<i>BG-level Hispanic Household Frame Counts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	13 - 11183 ( median=586 mean=761.7 std=941.9 )

<i>STRAT_CNT</i>		<i>Stratum-level Hispanic Household Frame Count</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	2215 - 40813 ( median=27471 mean=26895.3 std=10008.5 )

<i>LIST_CNT</i>		<i>Sample List - Level Hispanic</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	5 - 3992 ( median=269 mean=344.6 std=307.9 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>WEIGHT_FINAL_EXPANDED</i>		<i>Expanded Census 2010 Calibrated, Trimmed, Nonresponse Adjusted Weights - Year 1-3 (frozen as of 4/25/2012)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	3.0472134928 - 829.55631039 ( median=28.159764988 mean=39.9296984465 std=43.9638842935 )

<i>WEIGHT_FINAL_NORM_OVERALL</i>		<i>Overall Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights - Year 1-3 (frozen as of 11/30/2012)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	0.076314463 - 20.77542137 ( median=0.7052336001 mean=1.000000000000 std=1.10103221421 )

<i>WEIGHT_FINAL_NORM_CENTER</i>		<i>FC-specific Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights - Year 1-3 (frozen as of 4/25/2012)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	0.0647751724 - 17.972068909 ( median=0.6845884347 mean=1.000000000000 std=1.04630422487 )

**Administrative**

<i>CENTER</i>		<i>Participant's field center</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4118	B	Bronx
4134	C	Chicago
4077	M	Miami
4086	S	San Diego

<i>CENTERNUM</i>		<i>Participant's field center (numeric)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4118	1	Bronx
4134	2	Chicago
4077	3	Miami
4086	4	San Diego

<i>CLINDATE</i>		<i>Date of the participant's clinic visit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	Range	03/04/2008 - 06/30/2011

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>CONSENT</i>		<i>Consent to Participate in HCHS\SOL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	1	Yes

<i>FULL_AFU_ELIGIBLE</i>		<i>Core Baseline Requirements for AFU Eligibility (updated 12/14/2011)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16415	1	Yes

<i>GENOTYPING</i>		<i>Full Consent for Genotyping</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3103	0	No
13312	1	Yes

<i>DNA_AVAILABLE</i>		<i>DNA Available (1=Yes,0=No)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1081	0	No
15334	1	Yes

<i>NP_PERMIT</i>		<i>Permission for non-profit use of data</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4074	0	Use not permitted
12341	1	Permitted

<i>EXTERNAL_PERMIT</i>		<i>Permission for investigators outside HCHS/SOL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2613	0	Use not permitted
13802	1	Permitted

<i>COMMERCIAL_PERMIT</i>		<i>Permission for for-profit use of data</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6425	0	Use not permitted
9990	1	Permitted

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

ANY_PERMIT		Any permission for public use data
N	Value	Description
2260	0	Use not permitted
14155	1	Permitted

### Socio-demographic

AGE		Age (in years at the time of participant's clinic visit)
N	Value	Description
16415	Range	18 - 76 ( median=47 mean=45.8 std=13.9 )

AGEGROUP_C2		Age Groups (2-level)
N	Value	Description
6701	1	Ages 18-44
9714	2	Ages 45+

AGEGROUP_C3		Age Groups (3-level)
N	Value	Description
6701	1	Ages 18-44
8382	2	Ages 45-64
1332	3	Ages 65+

AGEGROUP_C6		Age Groups (6-level)
N	Value	Description
1665	1	Ages 18-24
2082	2	Ages 25-34
2954	3	Ages 35-44
4922	4	Ages 45-54
3460	5	Ages 55-64
1332	6	Ages 65+

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>AGEGROUP_C6_NHANES</i>		<i>Age Groups - NHANES (6-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2676	1	Ages 18-29
2391	2	Ages 30-39
4208	3	Ages 40-49
4339	4	Ages 50-59
2289	5	Ages 60-69
503	6	Ages 70-74
9		Missing

<i>GENDER</i>		<i>Gender</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9835	F	Female
6580	M	Male

<i>GENDERNUM</i>		<i>Gender - numeric</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9835	0	Female
6580	1	Male

<i>EDUCATION_C2</i>		<i>Education (2-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6207	1	Less Than High School
10117	2	At least High School or Equivalent
91		Missing

<i>EDUCATION_C3</i>		<i>Education (3-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6207	1	Less Than High School
4180	2	High School or Equivalent
5937	3	Greater than High School or Equivalent
91		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>EDUCATION_C4</i>		<i>Education (4-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6207	1	Less Than High School
4180	2	High School or Equivalent
2053	3	Greater than High School with some collage
3884	4	University or college
91		Missing

<i>INCOME</i>		<i>Income (Grouped yearly household income)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2338	1	Less than \$10,000
2778	2	\$10,001-\$15,000
2091	3	\$15,001-\$20,000
1700	4	\$20,001-\$25,000
1236	5	\$25,001-\$29,999
2122	6	\$30,000-\$40,000
1061	7	\$40,001-\$50,000
955	8	\$50,001-\$75,000
368	9	\$75,001-\$100,000
278	10	More than \$100,000
1488		Missing

<i>INCOME_C3</i>		<i>3-level grouped yearly household income</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10516	1	Less than \$30,000
4877	2	\$30,000 or more
1022	3	Missing

<i>INCOME_C5</i>		<i>Income (5-level grouped yearly household income)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2338	1	Less then \$10,000
4869	2	\$10,001-\$20,000
5058	3	\$20,001-\$40,000
2016	4	\$40,001-\$75,000
646	5	More than \$75,000
1488		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>POVPCT</i>		<i>Household income, percent of poverty</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14918	Range	11 - 941 ( median=113 mean=145.8 std=119.4 )
1497		Missing

<i>POVPCT_C4</i>		<i>Household income, percent of poverty, 4 categories</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6137	1	100% or less
5371	2	101 to 200%
1975	3	201 to 300%
1435	4	> 300%
1497		Missing

<i>MARITAL_STATUS</i>		<i>Marital Status (3-level grouped marital status)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4522	1	Single
8436	2	Married or living with a partner
3369	3	Separated, divorced, or widow(er)
88		Missing

<i>EMPLOYED</i>		<i>Employed (4-level grouped employment status)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1545	1	Retired and not currently employed.
6408	2	Not retired and not currently employed
2728	3	Employed part-time (<=35 hours/week)
5428	4	Employed full-time (>35 hours/week)
306		Missing

<i>N_HC</i>		<i>Health Insurance Coverage - Current</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7920	0	No current health insurance
8172	1	Currently have health insurance
323		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>OCCUPATION_CUR R</i>		<i>Grouped current occupation for employed participants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2504	1	Non-skilled worker
1566	2	Service worker
1842	3	Skilled worker
968	4	Professional/technical/other office worker
1312	5	Other occupation
8223		Missing

<i>OCCUPATION_LON G</i>		<i>Grouped longest held occupation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4750	1	Non-skilled worker
2371	2	Service worker
3454	3	Skilled worker
2365	4	Professional/technical/other office worker
3185	5	Other occupation
290		Missing

### Acculturation

<i>BKGRD1</i>		<i>Classification of Hispanic Background (self-report)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1473	0	Dominican
1732	1	Central American
2348	2	Cuban
6472	3	Mexican
2728	4	Puerto-Rican
1072	5	South American
402	6	More than one heritage
101	7	Other
8	Q	DK/Refused
79		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>BKGRD1_C7</i>		<i>7-level re-classification of Hispanic/Latino Background</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1473	0	Dominican
1732	1	Central American
2348	2	Cuban
6472	3	Mexican
2728	4	Puerto-Rican
1072	5	South American
503	6	More than one heritage/Other
8	Q	DK/Refused
79		Missing

<i>BKGRD1_C6</i>		<i>Classification of Hispanic Background (self-report - collapsed categories)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1473	0	Dominican
2804	1	Central/South American
2348	2	Cuban
6472	3	Mexican
2728	4	Puerto-Rican
503	5	Other or More than one heritage
8	Q	DK/Refused
79		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

SITE_BKGRD		Cross-Classification of Field Center and Hispanic Background (self-report - collapsed categories)
N	Value	Description
1380	1	Dominicans - Bronx
219	2	Central American - Bronx
418	3	Central American - Chicago
1034	4	Central American - Miami
2269	5	Cubans - Miami
208	6	Mexicans - Bronx
2409	7	Mexicans - Chicago
3817	8	Mexicans - San Diego
1837	9	Puerto Ricans - Bronx
770	10	Puerto Ricans - Chicago
187	11	South American - Bronx
374	12	South American - Chicago
468	13	South American - Miami
245	14	Other - Bronx
152	15	Other - Chicago
296	16	Other - Miami
245	17	Other - San Diego
87		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

SITE_BKGRD_45PLU S		Cross-Classification of Center and Hispanic/Latino Background, 45+ Years Only
N	Value	Description
800	1	Dominicans - Bronx
112	2	Central American - Bronx
248	3	Central American - Chicago
553	4	Central American - Miami
1547	5	Cubans - Miami
1244	6	Mexicans - Chicago
2276	7	Mexicans - San Diego
1193	8	Puerto Ricans - Bronx
529	9	Puerto Ricans - Chicago
123	10	South American - Bronx
214	11	South American - Chicago
289	12	South American - Miami
173	13	Other - Bronx
82	14	Other - Chicago
179	15	Other - Miami
152	16	Other - San Diego
6701		Missing

RACE		Race Group (self-report)
N	Value	Description
622	1	Am. Indian/AK native
47	2	Asian
52	3	HW native/Pac. Islander
507	4	Black
6021	5	White
2756	6	Multi-racial
259	7	Unknown/NR
6151	9	Refused

US_BORN		Place of birth - 50 US States and DC only
N	Value	Description
13479	0	Not born in 50 US States/DC.
2863	1	Born in 50 US States/DC Only
73		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>US_NATIVE</i>		<i>Place of birth - US States And Territories</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11908	0	Not born in US or US territory
4434	1	Born in US or US territory
73		Missing

<i>LANG_PREF</i>		<i>Language Preference for Baseline Examination</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13119	1	Spanish
3296	2	English

<i>IMGEN_C2</i>		<i>Immigrant Generation (2-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13221	1	1st Generation
3100	2	2nd Generation or greater
94		Missing

<i>IMGEN_C4</i>		<i>4-level Immigrant Generation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13221	1	1st Generation
2760	2	2nd Generation
156	3	3rd Generation
174	4	4th Generation or higher
104		Missing

<i>YRSUS</i>		<i>Years lived in the US (50 states)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16295	Range	0 - 74 ( median=20 mean=22.4 std=15.2 )
120		Missing

<i>YRSUS_C2</i>		<i>Years lived in the US (50 States, 2-level)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3805	1	Less than 10 years
12490	2	10 Years or more
120		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

YRSUS_C3		Years lived in the US (50 States, 3-level)
N	Value	Description
3805	1	Less than 10 years
9627	2	10 Years or more
2863	3	US born
120		Missing

SASH_ALL		Short acculturation scale for Hispanic - Overall
N	Value	Description
		This variable has been removed

SASH_LANG		Short acculturation scale for Hispanic - Language subscale
N	Value	Description
16313	Range	1 - 5 ( median=1.5 mean=1.97 std=1.08 )
102		Missing

SASH_SOC		Short acculturation scale for Hispanic - Social subscale
N	Value	Description
15686	Range	1 - 5 ( median=2.25 mean=2.190 std=0.600 )
729		Missing

ETHIS		Ethnic Identity Score
N	Value	Description
16175	Range	1 - 4 ( median=3 mean=3.2 std=0.6 )
240		Missing

LANGUAGE_SUBSCORE_MESA		Language Subscore - MESA
N	Value	Description
9687	0	Only Spanish
2177	0.5	More Spanish than English
2555	1	Both Equally
961	1.5	More English than Spanish
934	2	Only English
101		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

NATIVITY_SUBSCO RE_MESA		Nativity Subscore - MESA
N	Value	Description
3805	0	Non-US Born and YRSUS < 10
3568	1	Non-US Born and 10<=YRSUS <20
6058	2	Non-US Born and 20<=YRSUS
2863	3	US Born
121		Missing

ACCULT_MESA		Acculturation Score - MESA
N	Value	Description
16245	Range	0 - 5 ( median=2 mean=1.9 std=1.4 )
170		Missing

AGE_IMMI		Age of immigration among participants who were not born in US mainland (50 US States + DC)
N	Value	Description
13432	Range	0 - 73 ( median=27 mean=28.4 std=13.9 )
2983		Missing

### Anthropometry

BMI		Body Mass Index (kg/m**2)
N	Value	Description
16344	Range	13.819900657 - 70.345032719 ( median=28.922283885 mean=29.7785688349 std=6.0711139529 )
71		Missing

BMIGRP_C4		4-level grouped Body Mass Index - WHO
N	Value	Description
130	1	Underweight (<18.5)
3191	2	Normal (18.5-24.9)
6116	3	Overweight (25.0-29.9)
6907	4	Obese (30+)
71		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>BMIGRP_C6</i>		<i>6-level grouped Body Mass Index - WHO</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
130	1	Underweight (<18.5)
3191	2	Normal (18.5-24.9)
6116	3	Overweight (25.0-29.9)
4219	4	Obese I (30.0-34.9)
1708	5	Obese II (35.0-39.9)
980	6	Obese III (40+)
71		Missing

<i>WAIST_HIP</i>		<i>Waist to Hip Ratio</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16341	Range	0.52 - 1.4153846154 ( median=0.9245283019 mean=0.92272768619 std=0.07493359943 )
74		Missing

<i>HEIGHT</i>		<i>Height (cm, corrected)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16368	Range	118 - 199 ( median=161 mean=161.8 std=9.3 )
47		Missing

### Respiratory

<i>ASTHMA_EVER</i>		<i>Ever had Asthma (self-report)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13439	0	No
2637	1	Yes
67	9	Unknown
272		Missing

<i>ASTHMA_EVER_MD</i>		<i>Ever had asthma with MD diagnosis (self-report)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13562	0	No
2469	1	Yes
384		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

ASTHMA_CURR		Currently have Asthma (self-report)
N	Value	Description
14668	0	No
1329	1	Yes
77	9	Unknown
341		Missing

ASTHMA_CURR_MD		Currently have asthma with ever MD diagnosis (self-report)
N	Value	Description
14678	0	No
1275	1	Yes
462		Missing

ASTHMA_C4		4-level grouped Asthma Status
N	Value	Description
13439	1	Never
1229	2	Former
1329	3	Current
79	9	Don't Know
339		Missing

ASTHMA_C4_MD		4-level grouped Asthma Status - by MD diagnosis
N	Value	Description
13562	1	Never
1119	2	Former
1275	3	Current
75	9	Don't Know
384		Missing

COPD_SELF		Self-report of ever had COPD/Emph
N	Value	Description
15888	0	No
253	1	Yes
274		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>COPD_EVER</i>		<i>Self-report of ever had COPD/Emph or Chronic Bronchitis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14987	0	No
1089	1	Yes
339		Missing

<i>MRC_CB</i>		<i>Chronic Productive Cough 3+ mths in 2+ yrs</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15086	0	No
817	1	Yes
512		Missing

<i>WHEEZE_SB</i>		<i>Wheezing ever with shortness of breath</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13944	0	No
2192	1	Yes
279		Missing

<i>WHEEZE_LAST12</i>		<i>Wheezing in last 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13956	0	No
2179	1	Yes
280		Missing

<i>PHLEGM</i>		<i>Phlegm day/night 3 months in a row</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14667	0	No
1421	1	Yes
327		Missing

<i>PNEUMONIA</i>		<i>Pneumonia - by MD diagnosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14251	0	No
1834	1	Yes
330		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

VALID_SPIROMETR Y		Valid Spirometry Studies (Pre)
N	Value	Description
141	0	No
15468	1	Yes
806		Missing

VALID_SPIROMETR Y_POSTBD		Valid Spirometry Studies (Post BD)
N	Value	Description
7	0	No
1171	1	Yes
15237		Missing

AIRFLOW_OBSTRU CTION		Obstructive Lung Disease suspect
N	Value	Description
14065	0	No
1403	1	Yes
947		Missing

AIRFLOW_LIMITATI ON		Airflow Limitation (pre FEV1/FVC <70 only)
N	Value	Description
14435	0	No
1033	1	Yes
947		Missing

COPD_BY_BD		COPD by bronchodilator test
N	Value	Description
680	0	No
491	1	Yes
15244		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>COPD_BY_BD_ALLP RE</i>		<i>COPD by BD test (for all valid pre_BD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14650	0	No
488	1	Yes
1277		Missing

<i>FEV1_FVC_RATIO</i>		<i>FEV1 to FVC Ratio (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15468	Range	17.528507027 - 100 ( median=81.152323737 mean=80.3771519631 std=7.0751788004 )
947		Missing

<i>POSTBD_PREBD_DI FF</i>		<i>Post(FEV1%pred)-Pre(FEV1%pred)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1168	Range	-72.4137931 - 58.098360656 ( median=4.7658756631 mean=5.20154181442 std=6.48900219873 )
15247		Missing

<i>POSTBD_PREBD_DI FF_GT12</i>		<i>Relative Bronchodilator Responsive by 12% change (Post(FEV1%pred)-Pre(FEV1%pred))&gt;=12%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1059	0	No
109	1	Yes
15247		Missing

<i>POSTBD_PREBD_DI FF_GT15</i>		<i>Relative Bronchodilator Responsive by 15% change (Post(FEV1%pred)-Pre(FEV1%pred))&gt;=15%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1108	0	No
60	1	Yes
15247		Missing

<i>POSTBD_PREBD_DI FF_GT12_2</i>		<i>Relative Bronchodilator Responsive by 12% change (among pre FEV1/FVC&lt;70 only)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
791	0	No
90	1	Yes
15534		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>POSTBD_EXPECTED</i>		<i>Post-BD Expected (among valid spirometry)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14065	0	Not expected
1403	1	Expected
947		Missing

<i>VALID_SPIROMETRY_POSTBD2</i>		<i>Valid post-spirometry (A-D grading) adjusted for unexpected BDs</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	0	Invalid
1073	1	Valid
15340		Missing

<i>BD_RESPONSE_ABS</i>		<i>Bronchodilator Responsive by 15% change</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1003	0	less than or equal to 15% improvement
166	1	greater than 15% improvement
15246		Missing

### Well Being/Quality of Life

<i>CESD10</i>		<i>CESD 10-item total summary score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16059	Range	0 - 30 ( median=6 mean=7.3 std=6.1 )
356		Missing

<i>STAI10</i>		<i>STAI 10-item State-Trait Anxiety Inventory summary score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16050	Range	10 - 40 ( median=16 mean=17.3 std=5.9 )
365		Missing

### SF-12v2 Health Survey

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

AGG_MENT		Aggregate Mental Health Scale
N	Value	Description
16176	Range	-1.045969236 - 78.912213913 ( median=50.523356145 mean=48.7857540132 std=11.4236539891 )
239		Missing

AGG_PHYS		Aggregate Physical Health Scale
N	Value	Description
16176	Range	5.4713353744 - 76.005487872 ( median=51.88924591 mean=48.824736855 std=9.764892150 )
239		Missing

### Blood Pressure Measures

RIGHT_ABI		Right Ankle Brachial Index (occ. failure incl.)
N	Value	Description
9681	Range	0 - 2.7272727273 ( median=1.0845070423 mean=1.09425037805 std=0.14351710405 )
6734		Missing

LEFT_ABI		Left Ankle Brachial Index (occ. failure incl.)
N	Value	Description
9682	Range	0 - 2.81 ( median=1.0833333333 mean=1.09437136363 std=0.14909575400 )
6733		Missing

ABI_OVERALL		Overall Ankle Brachial Index (occ. failure incl.)
N	Value	Description
9706	Range	0 - 2.6086956522 ( median=1.0606060606 mean=1.06478453564 std=0.13194586206 )
6709		Missing

RIGHT_ABIGRP_C4		Right 4-level grouped Ankle Brachial Index (occ. failure incl.)
N	Value	Description
322	1	Low (PAD)
1237	2	Borderline
7988	3	Normal
134	4	High
6734		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>LEFT_ABIGRP_C4</i>		<i>Left 4-level grouped Ankle Brachial Index (occ. failure incl.)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
331	1	Low (PAD)
1321	2	Borderline
7862	3	Normal
168	4	High
6733		Missing

<i>ABIGRP_C4</i>		<i>4-level grouped Ankle Brachial Index (occ. failure incl.)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
488	1	Low (PAD)
1736	2	Borderline
7266	3	Normal
216	4	High
6709		Missing

<i>RIGHT_ABI2</i>		<i>Right Ankle Brachial Index (occ. failure incl.) - Version 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9538	Range	0 - 2.5531914894 ( median=1.1029411765 mean=1.10701891683 std=0.12403609672 )
6877		Missing

<i>LEFT_ABI2</i>		<i>Left Ankle Brachial Index (occ. failure incl.) - Version 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9536	Range	0 - 2.81 ( median=1.1019463341 mean=1.10749069811 std=0.13094963585 )
6879		Missing

<i>ABI2_OVERALL</i>		<i>Overall Ankle Brachial Index (occ. failure incl.) - Version 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9568	Range	0 - 2.4 ( median=1.0776819923 mean=1.07918993815 std=0.12004620866 )
6847		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>ABIGRP2_C4</i>		<i>4-level grouped Ankle Brachial Index (occ. failure incl.) - Version 2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
393	1	Low (PAD)
1403	2	Borderline
7719	3	Normal
53	4	High
6847		Missing

**Laboratory Measures**

<i>CKD</i>		<i>Chronic Kidney Disease - NIDDK definition (based on eGFR only)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8095	1	Normal
7340	2	Mild
757	3	Moderate
32	4	Severe
23	5	End-Stage
168		Missing

<i>GFR</i>		<i>GFR estimated</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16247	Range	3.3679826814 - 457.57928776 ( median=89.845374454 mean=91.7275363221 std=22.2121587245 )
168		Missing

<i>GFRSCR</i>		<i>eGFR based on serum creatinine, gender, age and race</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16247	Range	3.2871276499 - 189.67102827 ( median=98.802415796 mean=97.3103937780 std=19.0551161699 )
168		Missing

<i>GFRSCYS</i>		<i>eGFR based on serum cystatin C w/o demographics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16134	Range	4.89387564 - 276.90796798 ( median=108.01211261 mean=108.686442116 std=26.675889302 )
281		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>GFRSCYS_SCR</i>		<i>eGFR based on serum cystatin C, serum creatinine, gender, age, and race</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16131	Range	3.2070831903 - 176.66099794 ( median=105.01065484 mean=103.137855841 std=20.328386216 )
284		Missing

<i>INSULIN_FAST</i>		<i>Insulin, fasting (converted to mU/L)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16173	Range	0.3333333333 - 726 ( median=10.60888 mean=13.229045 std=12.206365 )
242		Missing

<i>INSULIN_OGTT</i>		<i>Insulin, post OGTT (converted to mU/L)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13246	Range	0.55948 - 960.5 ( median=65.5 mean=88.59 std=81.30 )
3169		Missing

<i>INSULIN_DATE</i>		<i>Date of insulin measures - All</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16281	Range	03/04/2008 - 07/05/2011
134		Missing

<i>DYSLIPIDEMIA</i>		<i>Dyslipidemia (High LDL, low HDL, or high triglycerides) - NIH</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9839	0	Not dyslipidemic (No)
6409	1	Dyslipidemic (Yes)
167		Missing

<i>DYSLIPIDEMIA_C3</i>		<i>3-Cat Dyslipidemia 1=Normal 2=Dyslip w/o reported trtment 3=Dyslip w/reported trtment</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8532	1	Normal
5414	2	Dyslipidemia with reported treatment
2321	3	Dyslipidemia w/o reported treatment
148		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>CARDIAC_RISK_RATIO</i>		<i>Cardiac Risk Ratio - AHA definition (TC/HDL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16246	Range	1.5692307692 - 29.823529412 ( median=4.0677966102 mean=4.30010748067 std=1.47407537038 )
169		Missing

<i>DYSLIPIDEMIA_TCHDL</i>		<i>Dyslipidemia based on Cardiac Risk Ratio (TC/HDL)&gt;5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12127	0	Not dyslipidemic (No)
4119	1	Dyslipidemic (Yes)
169		Missing

<i>DYS_TCHDL_MED</i>		<i>Dyslipidemia based on Cardiac Risk Ratio (TC/HDL)&gt;5 or Lipid lower Drug scanned at baseline</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10716	0	Not dyslipidemic (No)
5678	1	Dyslipidemic (Yes)
21		Missing

<i>HIGH_TOTAL_CHOL</i>		<i>Hypercholesterolemia (from LABA66,LABA68,LABA69,MED_LLD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9000	0	Not Hypercholesterolemic (No)
7394	1	Hypercholesterolemic (Yes)
21		Missing

<i>TOTAL_CHOL_C3</i>		<i>3-level Total Cholesterol - 1=Normal Cholesterol,2=Borderline High Cholesterol,3=High Cholesterol</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8755	1	Normal Cholesterol
4793	2	Borderline High Cholesterol
2700	3	High Cholesterol
167		Missing

**Global Physical Activity Questionnaire (GPAQ)**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>GPAQ_REC_MOD</i>		<i>GPAQ - Recreational physical (moderate) activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16252	Range	0 - 840 ( median=0 mean=10.7 std=29.1 )
163		Missing

<i>GPAQ_REC_VIG</i>		<i>GPAQ - Recreational physical (vigorous) activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16259	Range	0 - 514.28571429 ( median=0 mean=7.9 std=25.7 )
156		Missing

<i>GPAQ_REC</i>		<i>GPAQ - Recreational physical activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16269	Range	0 - 840 ( median=0 mean=18.5 std=43.9 )
146		Missing

<i>GPAQ_WORK_MOD</i>		<i>GPAQ - Work-related physical (moderate) activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15992	Range	0 - 960 ( median=0 mean=48.6 std=103.6 )
423		Missing

<i>GPAQ_WORK_VIG</i>		<i>GPAQ - Work-related physical (vigorous) activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16007	Range	0 - 720 ( median=0 mean=26.2 std=79.4 )
408		Missing

<i>GPAQ_WORK</i>		<i>GPAQ - Work-related physical activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16020	Range	0 - 1234.2857143 ( median=0 mean=74.7 std=149.9 )
395		Missing

<i>GPAQ_TOTAL_MOD</i>		<i>GPAQ - Total physical (moderate) activity (min/day)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16275	Range	0 - 1302.8571429 ( median=30 mean=88.5 std=132.2 )
140		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

GPAQ_TOTAL_VIG		GPAQ - Total physical (vigorous) activity (min/day)
N	Value	Description
16272	Range	0 - 840 ( median=0 mean=33.6 std=85.1 )
143		Missing

GPAQ_TRSPORT		GPAQ - Transportation-related physical activity (min/day)
N	Value	Description
16239	Range	0 - 1200 ( median=0 mean=30.2 std=72.2 )
176		Missing

GPAQ_TOTAL		GPAQ - Total physical activity (min/day)
N	Value	Description
16275	Range	0 - 1302.8571429 ( median=42.857142857 mean=122.1208514373 std=177.5392321836 )
140		Missing

GPAQ_TOTAL_MET		GPAQ - Total physical activity (MET-min/day)
N	Value	Description
16275	Range	0 - 7782.8571429 ( median=188.57142857 mean=622.904366908 std=980.231065953 )
140		Missing

GPAQ_MOD_WEEK		GPAQ - Total physical (moderate) activity (min/week)
N	Value	Description
16275	Range	0 - 9120 ( median=210 mean=619.6 std=925.4 )
140		Missing

GPAQ_VIG_WEEK		GPAQ - Total physical (vigorous) activity (min/week)
N	Value	Description
16272	Range	0 - 5880 ( median=0 mean=235.3 std=595.9 )
143		Missing

GPAQ_MV_WEEK		GPAQ - Total physical activity (min/week)
N	Value	Description
16272	Range	0 - 13620 ( median=330 mean=1090.1 std=1715.5 )
143		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

GPAQ_LEVEL		GPAQ - Physical activity level
N	Value	Description
1771	1	High
7203	2	Moderate
7301	3	Low
140		Missing

GPAQ_PAG2008		Activity level per 2008 PA guidelines (categorical - 4 levels)
N	Value	Description
3698	1	Inactive
2195	2	Low activity
1805	3	Medium activity
8577	4	High activity
140		Missing

GPAQ_PAG2008YN		Meets 2008 activity level guidelines (1=Yes, 0=No)
N	Value	Description
5893	0	Does not meet guidelines (No)
10382	1	Meets guidelines (Yes)
140		Missing

### Clinical Characteristics

HYPERTENSION		Hypertension (BP $\geq$ 140/90 and Med Use)
N	Value	Description
11937	0	Not hypertensive (No)
4476	1	Hypertensive (Yes)
2		Missing

HYPERTENSION2		Hypertension using NHANES definition
N	Value	Description
11476	0	Not hypertensive (No)
4937	1	Hypertensive (Yes)
2		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

HYPERTENSION_C4		4-level grouped hypertension with NHANES definition (None/Pre/ treated/ untreated)
N	Value	Description
7184	1	Not hypertension
4292	2	Pre-hypertension
3510	3	Treated-hypertension
1427	4	Untreated hypertension
2		Missing

HYPERTENSION2_A HA		Hypertension using new ACC/AHA Guidelines definition
N	Value	Description
9130	0	Not hypertensive (No)
7283	1	Hypertensive (Yes)
2		Missing

HYPERTENSION_AH A_C5		5-level grouped hypertension with New ACC/AHA Guideline (No HBP/Elevated/ treated HBP/ untrt Stage1/ /untrt stage2)
N	Value	Description
7184	1	Not hypertensive
1946	2	Elevated-hypertension
3464	3	Treated-hypertension
2346	4	Untreated Stage 1 hypertension
1473	5	Untreated Stage 2 hypertension
2		Missing

HYPERT_AWARENE SS		Hypertension Awareness - NHANES
N	Value	Description
1229	0	Not aware (No)
3708	1	Aware (Yes)
11478		Missing

HYPERT_TREATME NT		Hypertension Treatment - NHANES
N	Value	Description
1801	0	Not taking antihypertensive meds (No)
3136	1	Taking hypertensive meds (Yes)
11478		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>HYPERT_CONTROL</i>		<i>Hypertension Control - NHANES</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2978	0	Hypertension not under control (No)
1959	1	Hypertension is under control (Yes)
11478		Missing

<i>HOMA_IR</i>		<i>HOMA index of Insulin Resistance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.0650205761 - 200.77037037 ( median=2.5695473251 mean=3.56207756170 std=4.07609872998 )
243		Missing

<i>HOMA_B</i>		<i>HOMA index of Insulin Resistance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16159	Range	1.0828645161 - 12600 ( median=112.94117647 mean=140.334722135 std=174.388210297 )
256		Missing

<i>FASTTIME</i>		<i>Fast time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16281	Range	0.25 - 55.35 ( median=13.9833333333 mean=14.5171140184 std=3.0614951712 )
134		Missing

<i>DIABETES_LAB</i>		<i>3-level grouped Diabetes - Lab ADA Guideline</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6791	1	Normal glucose regulation
6641	2	Impaired glucose tolerance
2829	3	Diabetes
154		Missing

<i>DIABETES_SELF</i>		<i>Diabetes - self-report only</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14188	0	No
2151	1	Yes
76		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>SELFMED_ANTIDIAB</i>		<i>Anti-Diabetics medication used - Self reported</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14360	0	No
1872	1	Yes
183		Missing

<i>DIABETES1</i>		<i>3-level grouped Diabetes ver. 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8674	1	Normal glucose regulation
4682	2	Impaired glucose tolerance
3037	3	Diabetes
22		Missing

<i>DIABETES2</i>		<i>3-level grouped Diabetes - ADA Guidelines plus scanned anti-diabetics medication</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6856	1	Normal glucose regulation
6320	2	Impaired glucose tolerance
3218	3	Diabetes
21		Missing

<i>DIABETES2_INDICATOR</i>		<i>Diabetes 2 Indicator (ADA, plus scanned Med)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13176	0	Non-diabetic (No)
3218	1	Diabetic (Yes)
21		Missing

<i>DIABETES3</i>		<i>3-level grouped Diabetes - ADA Guidelines plus self-reported diabetes diagnosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6827	1	Non-diabetic
6184	2	Pre-diabetic
3384	3	Diabetic
20		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>DIABETES4</i>		<i>3-level grouped Diabetes - ADA Guidelines plus self-reported Medication</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6868	1	Non-diabetic
6302	2	Pre-diabetic
3227	3	Diabetic
18		Missing

<i>DIABETES5</i>		<i>3-level grouped Diabetes - ADA Guidelines plus self-reported diabetes diagnosis or self-reported Med</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6840	1	Non-diabetic
6150	2	Pre-diabetic
3420	3	Diabetic
5		Missing

<i>DIAB_DIAG</i>		<i>Diabetes Diagnoses Time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2151	1	Diagnosed diabetic before baseline
1233	2	Undiagnosed diabetic
13011	3	Non-diabetic
20		Missing

<i>DIAB_FAMHIST</i>		<i>Family History of Diabetes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9017	0	No family history of diabetes (No)
7281	1	Family history of diabetes (Yes)
117		Missing

<i>DM_AWARE</i>		<i>Diabetes awareness at baseline</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1130	0	Not aware (No)
2233	1	Aware (Yes)
13052		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

## Section A: Participant Derived Variable File

<i>DM_CONTROL</i>		<i>Diabetes controlled: DM Classified at Baseline and A1C &lt; 7%</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1583	0	Not in Diabetes controlled Group (No)
1801	1	Diabetes controlled (Yes)
13031		Missing

<i>DIABETES_C4</i>		<i>4-level grouped diabetes (none/pre/treated/untreated)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6827	1	No diabetes
6184	2	Pre-diabetes
1876	3	Treated diabetes
1508	4	Untreated diabetes
20		Missing

<i>PRECHD_NO_ANGI NA</i>		<i>Prevalent Coronary Heart Disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15480	0	No Prevalent CHD (No)
858	1	Prevalent CHD (Yes)
77		Missing

<i>PRECHD_ANGINA</i>		<i>Prevalent Coronary Heart Disease, including Angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15197	0	No Prevalent CHD (No)
1142	1	Prevalent CHD (Yes)
76		Missing

<i>PRECVD</i>		<i>Prevalence Cardiovascular Disease (CHD or Stroke, not counting Angina or TIA)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15294	0	No Prevalent CVD (No)
1044	1	Prevalent CVD (Yes)
77		Missing

# HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

## Section A: Participant Derived Variable File

<i>EVER_ANGINA_RELATIVE</i>		<i>At least one relative had report of angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14428	0	No Relative w/Angina (No)
1818	1	At least 1 Relative w/Angina (Yes)
169		Missing

<i>EVER_MI_RELATIVE</i>		<i>At least one relative had report of heart attack</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12064	0	No Relative w/MI (No)
4236	1	At least 1 Relative w/MI (Yes)
115		Missing

<i>EVER_CABG_RELATIVE</i>		<i>At least one relative had report of CABG or angioplasty</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14829	0	No Relative w/CABG (No)
1446	1	At least 1 Relative w/CABG (Yes)
140		Missing

<i>FH_CHD</i>		<i>Family history of CHD including self-reported angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10973	0	No Relative w/CHD (No)
5341	1	At least 1 Relative w/CHD (Yes)
101		Missing

<i>CHD_SELF</i>		<i>Self-reported CHD</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15791	0	No CHD (No)
544	1	CHD (Yes)
80		Missing

<i>CDCR</i>		<i>Cerebrovascular Disease and Carotid Revascularization, self-report</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15914	0	No CDCR (No)
418	1	CDCR (Yes)
83		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>METS_NCEP</i>		<i>Metabolic Syndrome - NCEP ATP III definition</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10219	0	No Met Syndrome present (No)
6172	1	Met Syndrome present (Yes)
24		Missing

<i>METS_NCEP2</i>		<i>Metabolic Syndrome v. 2 - with self-reported meds (NCEP ATP III definition)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10153	0	No Met Syndrome present (No)
6241	1	Met Syndrome present (Yes)
21		Missing

<i>METS_IDF</i>		<i>Metabolic Syndrome - IDF definition</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9349	0	No Met Syndrome present (No)
6842	1	Met Syndrome present (Yes)
224		Missing

<i>ELEVATED_BP_PLU SMEDS</i>		<i>Elevated BP or Antihypert med use - NCEP&amp;IDF METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10148	0	No
6265	1	Yes
2		Missing

<i>ELEVATED_BP_SEL FMEDS</i>		<i>Elevated BP or Self-Reported Antihypert med use - NCEP2 METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9890	0	No
6523	1	Yes
2		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>ABDOMINAL_OBESITY_NCEP</i>		<i>Abdominal Obesity (waist circ) - NCEP METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6406	0	No
9943	1	Yes
66		Missing

<i>ABDOMINAL_OBESITY_IDF</i>		<i>Abdominal Obesity (waist circ) - IDF METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3058	0	No
13288	1	Yes
69		Missing

<i>HIGH_TRIG</i>		<i>High Triglycerides (&gt;=150 mg/dL) - NCEP METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11060	0	No
5188	1	Yes
167		Missing

<i>HIGH_TRIG_PLUSMEDS</i>		<i>High Triglycerides or Fibrates Niacin med use - IDF METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10969	0	No
5279	1	Yes
167		Missing

<i>LOW_HDL</i>		<i>Low HDL (&lt;40 mg/dl (male), &lt;50 mg/dL (females)) - NCEP METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9477	0	No
6769	1	Yes
169		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>LOW_HDL_PLUSMEDS</i>		<i>Low HDL or Fibares Nicoacid med use - IDF METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9376	0	No
6868	1	Yes
171		Missing

<i>IFG_NCEP</i>		<i>Impaired fasting glucose - NCEP METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10448	0	No
5945	1	Yes
22		Missing

<i>IFG_NCEP_SELFMEDS</i>		<i>Impaired fasting glucose/Self-Reported antidiab Meds - NCEP2 METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10454	0	No
5942	1	Yes
19		Missing

<i>IFG_IDF</i>		<i>Impaired fasting glucose - IDF METS component</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10175	0	No
6218	1	Yes
22		Missing

<i>IFG</i>		<i>Impaired fasting glucose - AHA</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12149	0	No
3562	1	Yes
704		Missing

<i>IGT</i>		<i>Impaired Glucose Tolerance - AHA</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10566	0	No
2703	1	Yes
3146		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>MI_ECG</i>		<i>MI defined by ECG results</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15848	0	No previous MI (No)
384	1	Previous MI (Yes)
183		Missing

<i>STROKE</i>		<i>Prevalent Stroke, self-report</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16074	0	No Prevalent Stroke (No)
252	1	Prevalent Stroke (Yes)
2	Q	DK/Refused
87		Missing

<i>STROKE_TIA</i>		<i>Prevalent Stroke or TIA, self-report</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15927	0	No Prevalent Stroke/TIA (No)
404	1	Prevalent Stroke/TIA (Yes)
84		Missing

<i>FH_STROKE</i>		<i>Family History of Prevalent Stroke</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13825	0	No Relative w/Stroke (No)
2473	1	At least 1 Relative w/Stroke (Yes)
117		Missing

<i>CIGARETTE_USE</i>		<i>Cigarette Use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9923	1	Never
3233	2	Former
3166	3	Current
93		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>CURRENT_SMOKER</i>		<i>Current Smoker (from CIGARETTE_USE)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13156	0	No
3166	1	Yes
93		Missing

<i>EXPOSURE_YEAR</i>		<i>Exposure Years (cigarettes only)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16125	Range	0 - 68 ( median=0 mean=8.3 std=13.4 )
290		Missing

<i>CIGARETTES_YEAR</i>		<i>Cigarette Years</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15984	Range	0 - 3180 ( median=0 mean=112.9 std=275.3 )
431		Missing

<i>CIGARETTE_PACK_YEARS</i>		<i>Cigarette Pack Years</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15984	Range	0 - 159 ( median=0 mean=5.6 std=13.8 )
431		Missing

<i>ALCOHOL_USE</i>		<i>Alcohol Use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3210	1	Never
5390	2	Former
7750	3	Current
65		Missing

<i>TOTALDRINKS_PER_WEEK</i>		<i>Total Weekly Alcohol Consumption</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7745	Range	0 - 81 ( median=2 mean=4.9 std=7.8 )
8670		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>ALCOHOL_USE_DIS ORDER</i>		<i>Alcohol Use Disorder Risk</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3210	0	Non-drinker
6917	1	Low Risk Drinker
828	2	At-risk Drinker
5460		Missing

<i>ALCOHOL_USE_LEV EL</i>		<i>Alcohol Use Drinking Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8600	0	No current use
6917	1	Low level use
828	2	High level use
70		Missing

<i>DOCTOR_VISIT</i>		<i>Doctor/HCP number of visits in past 12</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4505	1	None
2575	2	Once
3937	3	2-3 Times
5028	4	More than 3 times
370		Missing

<i>CLAUDICATION_INT</i>		<i>Intermittent Claudication - either leg</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6973	0	Int claudication not present (No)
2544	1	Int claudication present (Yes)
66	9	Unknown
6832		Missing

<i>CVD_FRAME</i>		<i>Framingham CVD composite criterion</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11724	0	No
4691	1	Yes

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>FRAME_CVD_RISK_10YR</i>		<i>Framingham CVD - 10 year risk (w/lab predictors)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13524	Range	0.0030436806 - 0.9624276467 ( median=0.0707736079 mean=0.11188944000 std=0.11741043572 )
2891		Missing

<i>HBA1C_SI</i>		<i>Glycosylated Hemoglobin in SI units (mmol/mol)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16208	Range	13 - 185 ( median=38 mean=41.1 std=14.2 )
207		Missing

<i>CIGARETTE_PACK_YEARS_C3</i>		<i>Cigarette Pack Years (3-level, cutoff =10)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9923	1	0 years
3444	2	>0 and <10 years
2617	3	10+ years
431		Missing

### Medications (MDDDB Coded Scanned/Transcribed Medication Use)

<i>MED_CURRENT_HRT</i>		<i>Any Hormone Repl. Therapy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15677	0	No
344	1	Yes
394		Missing

<i>MED_ESTROGENS</i>		<i>Estrogens</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15906	0	No
115	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_ESTROGEN_COMBO</i>		<i>Estrogens - Combinations Only</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15983	0	No
38	1	Yes
394		Missing

<i>MED_CONTRACEPTIVES</i>		<i>Contraceptives</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15836	0	No
185	1	Yes
394		Missing

<i>MED_PROGESTINS</i>		<i>Progestins</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15996	0	No
25	1	Yes
394		Missing

<i>MED_SERM</i>		<i>Selective Estrogen Receptor Modulators</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15998	0	No
23	1	Yes
394		Missing

<i>MED_FERTILITY_REG</i>		<i>Fertility Regulators</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16017	0	No
4	1	Yes
394		Missing

<i>MED_LHRH</i>		<i>LHRH/GnRH Only</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16021	0	No
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_LHRH_AG</i>		<i>LHRH/GnRH Agonist Analog</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16021	0	No
394		Missing

<i>MED_LHRH_ANT</i>		<i>LHRH/GnRH Antagonists</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16021	0	No
394		Missing

<i>MED_ANTIANGINAL</i>		<i>Antianginals</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15931	0	No
90	1	Yes
394		Missing

<i>MED_ANTIARRHYTHMICS</i>		<i>AntiArrhythmics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16007	0	No
14	1	Yes
394		Missing

<i>MED_ANTIASTHMATIC</i>		<i>Antiasthmatic or bronchodilator agents</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15110	0	No
911	1	Yes
394		Missing

<i>MED_ANTICOAG</i>		<i>Anticoagulants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15946	0	No
75	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_ANTICOAG_COUMARIN</i>		<i>Coumarin anticoagulants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15947	0	No
74	1	Yes
394		Missing

<i>MED_ANTICOAG_HEPARIN</i>		<i>Heparin anticoagulants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16020	0	No
1	1	Yes
394		Missing

<i>MED_ANTIDIAB</i>		<i>Antidiabetics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14196	0	No
1825	1	Yes
394		Missing

<i>MED_ANTIHYPERT</i>		<i>Antihypertensives</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13367	0	No
2654	1	Yes
394		Missing

<i>MED_ANTIHYPERT_ACEI</i>		<i>ACE Inhibitors</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14222	0	No
1799	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_ANTIHYPERT_ AT2RAS</i>		<i>Angiotensin II Receptor Antagonists</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15290	0	No
731	1	Yes
394		Missing

<i>MED_ANTIPLATELET T</i>		<i>Antiplatelets</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15819	0	No
202	1	Yes
394		Missing

<i>MED_ASPIRIN</i>		<i>Aspirin-containing analgesics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12496	0	No
3525	1	Yes
394		Missing

<i>MED_BB</i>		<i>Beta Blockers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14870	0	No
1151	1	Yes
394		Missing

<i>MED_BB_OPHTHAL MIC</i>		<i>Ophthalmic Beta Blockers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15956	0	No
65	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_CACB</i>		<i>Calcium Channel Blockers</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15211	0	No
810	1	Yes
394		Missing

<i>MED_CARDIACGLY COSIDES</i>		<i>Cardiac Glycosides</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15991	0	No
30	1	Yes
394		Missing

<i>MED_CHEMO</i>		<i>Chemotherapy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15953	0	No
68	1	Yes
394		Missing

<i>MED_CLOPID</i>		<i>Clopidogrel (Plavix)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15853	0	No
168	1	Yes
394		Missing

<i>MED_COX2</i>		<i>COX-2 inhibitors</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15945	0	No
76	1	Yes
394		Missing

<i>MED_DIURETIC</i>		<i>Diuretics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14478	0	No
1543	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_DIURETIC_THIAZIDE</i>		<i>Thiazide Diuretics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14684	0	No
1337	1	Yes
394		Missing

<i>MED_FIBARES_NICOTINIC ACID</i>		<i>Fibric/Nicotinic Acids (trt of TG and HDL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15782	0	No
239	1	Yes
394		Missing

<i>MED_INSULIN</i>		<i>Insulins</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15599	0	No
422	1	Yes
394		Missing

<i>MED_LLD</i>		<i>Lipid lowering drugs/Antihyperlipidemics (LLD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14031	0	No
1990	1	Yes
394		Missing

<i>MED_METFORMIN</i>		<i>Metformins</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14637	0	No
1384	1	Yes
394		Missing

<i>MED_NSAID</i>		<i>NSAIDs</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13191	0	No
2830	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_OL_STEROID</i>		<i>Oral and inhalable Glucocorticosteroids</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15734	0	No
287	1	Yes
394		Missing

<i>MED_STATIN</i>		<i>Statins</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14218	0	No
1803	1	Yes
394		Missing

<i>MED_ANTIAXXI</i>		<i>Antianxiety agents</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15510	0	No
511	1	Yes
394		Missing

<i>MED_ANTIDEPRESS</i>		<i>Antidepressants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14980	0	No
1041	1	Yes
394		Missing

<i>MED_ANTIDEPRE_S SRI</i>		<i>Antidepressants - selective serotonin re-uptake inhibitors</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15342	0	No
679	1	Yes
394		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>MED_ANTIDEPRE_T RICYC</i>		<i>Antidepressants tricyclic antidepressants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15880	0	No
141	1	Yes
394		Missing

<i>MED_ANTIPSYCHO</i>		<i>Antipsychotics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15691	0	No
330	1	Yes
394		Missing

<i>MED_PULMONARY</i>		<i>Pulmonary medication</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15194	0	No
827	1	Yes
394		Missing

**Medications (Other)**

<i>ASTHMA_MEDS</i>		<i>Asthma Med Use - self/scanned (curr asthma by MD diag)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14854	0	No
1099	1	Yes
462		Missing

<i>COPD_MEDS</i>		<i>COPD Med Use - self/scanned (ever COPD by MD diag)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15720	0	No
356	1	Yes
339		Missing

**Neurocognitive**

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

<i>ECG_MAJ</i>		<i>Major ECG Abnormalities</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14849	0	No
1383	1	Yes
183		Missing

<i>ECG_MIN</i>		<i>Minor ECG Abnormalities</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9261	0	No
6971	1	Yes
183		Missing

<i>NO_DISABILITY_6ITEM</i>		<i>No Disability on NEEA5-7 (1=Yes,0=No)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19	0	No
9652	1	Yes
6744		Missing

<i>SEVLT_3TRIALS</i>		<i>SEVTL, Sum of 3 Trials (NEEA8=10)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9602	Range	3 - 42 ( median=23 mean=22.7 std=5.6 )
6813		Missing

<i>SEVLT_RECALL</i>		<i>SEVLT, Delay Recall (NEEA11 with re-coding)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9610	Range	0 - 15 ( median=8 mean=8.3 std=2.9 )
6805		Missing

<i>TOTAL_6ITEM</i>		<i>Total Score on 6 Item Screener (with re-coding)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9651	Range	0 - 6 ( median=6 mean=5.3 std=0.9 )
6764		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>WORDFREQ</i>		<i>Word Frequency (A+F) (NEEA12-13)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9461	Range	0 - 49 ( median=18 mean=18.1 std=7.2 )
6954		Missing

<i>DIGITSYMBOL</i>		<i>Digit Symbol Substitution Score(NEEA14)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9367	Range	0 - 83 ( median=33 mean=33.8 std=13.5 )
7048		Missing

#### Dental

<i>PERIODONTAL_DISEASE</i>		<i>Periodontal Disease - NIDCR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9518	0	No periodontal disease (No)
6897	1	Periodontal disease detected (Yes)

<i>PERIO_CDC_AAP</i>		<i>Periodontitis Severity using CDC/AAP Grades</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6215	0	Normal
1390	1	Mild periodontitis
4818	2	Moderate periodontitis
1622	3	Severe periodontitis
2370		Missing

<i>PERIO_EXTENT</i>		<i>Percentage Interproximal Sites Positive for Periodontitis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 100 ( median=6.5217391304 mean=15.76095742769 std=21.30236661668 )
1275		Missing

#### Sleep

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

**Section A: Participant Derived Variable File**

ESS		Epworth Sleepiness Scale
N	Value	Description
16031	Range	0 - 24 ( median=5 mean=5.7 std=4.8 )
384		Missing

ESS_GT10		Excessive sleepiness (ESS > 10)
N	Value	Description
13554	0	No excessive sleepiness (No)
2477	1	Excessive sleepiness (Yes)
384		Missing

AHI_GE15		Sleep Apnea defined as Apnea/Hypopnea Index (3% desat) >= 15
N	Value	Description
12846	0	No sleep apnea (No)
1623	1	Sleep Apnea (Yes)
1946		Missing

SBD5		Sleep Apnea Syndrome (Apnea/Hypopnea Index (3% desat) >= 5 & ESS >=10)
N	Value	Description
13266	0	No sleep apnea (No)
989	1	Sleep Apnea (Yes)
2160		Missing

SLPDUR_WKDAY		Weekday sleep duration (hours)
N	Value	Description
15783	Range	3 - 13.5 ( median=8 mean=7.8 std=1.6 )
632		Missing

SLPDUR_WKEND		Weekend sleep duration (hours)
N	Value	Description
15640	Range	3 - 13.5 ( median=8.5 mean=8.38 std=1.78 )
775		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

SLPDUR		Average sleep duration (hours)
N	Value	Description
15530	Range	3 - 13.5 ( median=8 mean=7.9 std=1.4 )
885		Missing

MID_SLEEP_TIME_WKDAY		Weekday midpoint sleep time (clock hrs with decimal)
N	Value	Description
15783	Range	0 - 23.916666667 ( median=2.75 mean=3.227 std=2.807 )
632		Missing

MID_SLEEP_TIME_WKEND		Weekend midpoint sleep time (clock hrs with decimal)
N	Value	Description
15640	Range	0 - 23.916666667 ( median=3.5 mean=4.11 std=2.59 )
775		Missing

WHIIRS		Women's Health Initiative Insomnia Rating Scale
N	Value	Description
15855	Range	0 - 20 ( median=6 mean=7.1 std=5.4 )
560		Missing

### Diet

DIET_SCORE_JAMA		Diet Score from 1st JAMA paper
N	Value	Description
16172	Range	4 - 20 ( median=13 mean=12.5 std=3.3 )
243		Missing

DIET_SCORE_JAMA_C2		Categorized Diet Score JAMA (1=Below, 2=Above 60th %-tile)
N	Value	Description
8045	1	< 60th gender-specific percentile
8127	2	>= 60th gender-specific percentile
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>AHEI2010</i>		<i>Alternative Healthy Eating Index 2010</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	28.174678949 - 77.744035261 ( median=48.578737916 mean=48.9727613761 std=7.6118886477 )
243		Missing

<i>AHEI1</i>		<i>Veg without potato, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.9099730166 - 10 ( median=3.8312674162 mean=3.91325317195 std=1.32285918500 )
243		Missing

<i>AHEI2</i>		<i>Whole fruit, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.3402194006 - 10 ( median=2.4183452672 mean=2.81711166649 std=1.75196543602 )
243		Missing

<i>AHEI3</i>		<i>Whole grains, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.3276561341 - 10 ( median=2.462835225 mean=3.1552326921 std=2.4526917635 )
243		Missing

<i>AHEI4</i>		<i>Sweetened bev &amp; fruit juice, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 7.817175712 ( median=0 mean=1.1 std=2.0 )
243		Missing

<i>AHEI5</i>		<i>Nuts &amp; legumes, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	1.0690575159 - 10 ( median=5.7103716241 mean=6.09276483822 std=2.48551354510 )
243		Missing

<i>AHEI6</i>		<i>Red/processed meat, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 8.5626632059 ( median=3.9599865519 mean=3.71580483600 std=2.24838588747 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>AHEI7</i>		<i>Trans Fat, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	4.4719818122 - 10 ( median=8.1029118557 mean=8.04760891658 std=0.70529514338 )
243		Missing

<i>AHEI8</i>		<i>EPA+DHA, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.9874556958 - 10 ( median=3.1465709936 mean=3.37452285054 std=1.32498837540 )
243		Missing

<i>AHEI9</i>		<i>PUFA, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	2.4996312608 - 10 ( median=5.6878701213 mean=5.73013604365 std=0.95048371531 )
243		Missing

<i>AHEI10</i>		<i>Sodium, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=6.4650682784 mean=6.19569079797 std=2.55609477156 )
243		Missing

<i>AHEI11</i>		<i>Alcohol, score</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.9584987272 mean=4.87340407882 std=2.13399338473 )
243		Missing

<i>HEI2010</i>		<i>HEI total score, 0-100</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	9.535467279 - 98.642014545 ( median=59.182440502 mean=58.9368178757 std=14.0985326552 )
243		Missing

<i>HEI1</i>		<i>Total fruit HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=2.434379189 mean=2.5488148645 std=1.9691682258 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>HEI2</i>		<i>Whole fruit w/o juice HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=2.5472327463 mean=2.56489262017 std=2.15056737366 )
243		Missing

<i>HEI3</i>		<i>Total vegetable HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=2.7683976694 mean=2.86840681835 std=1.55821229697 )
243		Missing

<i>HEI4</i>		<i>Greens and beans HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=0.7243666357 mean=1.94374970481 std=2.14752541752 )
243		Missing

<i>HEI5</i>		<i>Whole grains HEI score, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.8722920593 mean=4.54172521516 std=4.23739514222 )
243		Missing

<i>HEI6</i>		<i>Dairy HEI score, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=5.2198223309 mean=5.34834020387 std=3.30469271661 )
243		Missing

<i>HEI7</i>		<i>Total protein foods HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=5 mean=4.6 std=0.9 )
243		Missing

<i>HEI8</i>		<i>Seafood and plant protein HEI score, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=2.0070131017 mean=2.35350913331 std=2.26829199740 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>HEI9</i>		<i>Fatty acids HEI score, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=5.222463803 mean=5.3576227869 std=3.4200500964 )
243		Missing

<i>HEI10</i>		<i>Refined Grains HEI score, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=7.6382079651 mean=6.80736636707 std=3.26709596193 )
243		Missing

<i>HEI11</i>		<i>Sodium HEI score, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=4.3606155322 mean=4.47961881265 std=3.58487579340 )
243		Missing

<i>HEI12</i>		<i>Empty calories HEI score, 0-20</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 20 ( median=16.593162381 mean=15.5106691760 std=4.5947737579 )
243		Missing

<i>PRED_VEG_WOPOT</i>		<i>Vegetable without potatoes - NCI predicted intake, servings/d (VEG_ALL_WOPOTATO)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.4549865083 - 5.9366774119 ( median=1.9156337081 mean=1.95671325110 std=0.66187639380 )
243		Missing

<i>PRED_FRUIT_WHL</i>		<i>Whole Fruit - NCI predicted intake, servings/d (FRUIT_ALL_WOJUICE)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.1360877602 - 5.4673383903 ( median=0.9673381069 mean=1.12800028495 std=0.70619416784 )
243		Missing

<i>PRED_GRAIN_WHL</i>		<i>Whole Grain - NCI predicted intake, servings/d (GRAIN_WHL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.1905093785 - 9.372996882 ( median=1.3253202549 mean=1.71246094880 std=1.38520928069 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>PRED_SWBJ</i>		<i>Sugar-sweetened beverages and fruit juice - NCI predicted intake, servings/d (SUGAR_SWTBJ)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.2182824288 - 21.323168271 ( median=1.4664197576 mean=1.64854920673 std=1.00139315934 )
243		Missing

<i>PRED_NUTLEG</i>		<i>Nuts and Legumes - NCI predicted intake, servings/d (NUTLEG)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.1069057516 - 3.4202593638 ( median=0.5710371624 mean=0.65345618699 std=0.34599704730 )
243		Missing

<i>PRED_REDPROCES S</i>		<i>Red/Processed Meat - NCI predicted intake, servings/d (MEAT_REDPROCESSED)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.2156005191 - 2.6879438139 ( median=0.9060020172 mean=0.96850959845 std=0.39087570429 )
243		Missing

<i>PRED_TRANSFAT</i>		<i>Trans Fat - NCI predicted intake, % Calories (PCTTRANSFAT)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.3596926467 - 2.4348063657 ( median=1.1639808505 mean=1.18330570659 std=0.24694526489 )
243		Missing

<i>PRED_EPADHA</i>		<i>EPA and DHA - NCI predicted intake, mg/d (EPADHA)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	24.686392394 - 328.31635514 ( median=78.664274841 mean=84.4006815578 std=33.3362307783 )
243		Missing

<i>PRED_PCTPUFA</i>		<i>PUFA exclude EPA &amp; DHA - NCI predicted intake, % Calories (PCTPUFA_NOEPADHA)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	3.9997050086 - 11.453333228 ( median=6.5502960971 mean=6.58422292236 std=0.76098766224 )
243		Missing

<i>PRED_SODIUM</i>		<i>Sodium - NCI predicted intake, mg/d (DTIA67)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	1109.6647431 - 7339.8403196 ( median=2991.1000584 mean=3138.14816371 std=913.18989564 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>PRED_ALC</i>		<i>Alcohol - NCI predicted intake, servings/d (ALCOHOL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0.0091454802 - 7.3661989717 ( median=0.0999302081 mean=0.25191565761 std=0.48380166218 )
243		Missing

<i>DASH2003</i>		<i>DASH (2003 DASH) from 2DMEAN, 0-80</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	3.083 - 77.940964187 ( median=42.365337811 mean=42.5265650273 std=9.8702745979 )
243		Missing

<i>DASH1A_2003</i>		<i>Total grains DASH subcomponent (2003 DASH) from 2DMEAN, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=3.72525 mean=3.564484 std=1.310872 )
243		Missing

<i>DASH1B_2003</i>		<i>Whole grains DASH subcomponent (2003 DASH) from 2DMEAN, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=1.8270770942 mean=2.17596885890 std=2.05117762030 )
243		Missing

<i>DASH2_2003</i>		<i>Vegetables DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.964375 mean=4.5503063 std=3.1304367 )
243		Missing

<i>DASH3_2003</i>		<i>Fruit DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.025 mean=3.8366 std=3.4164 )
243		Missing

<i>DASH4A_2003</i>		<i>Total dairy DASH component (2003 DASH) from 2DMEAN, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=2.5 mean=2.63 std=1.69 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>DASH4B_2003</i>		<i>Low fat dairy DASH component (2003 DASH) from 2DMEAN, 0-5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 5 ( median=3.0714485672 mean=2.69562774219 std=2.14266138464 )
243		Missing

<i>DASH5_2003</i>		<i>Meat, poultry, fish, eggs DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=10 mean=9.6 std=1.4 )
243		Missing

<i>DASH6_2003</i>		<i>Nuts &amp; legumes DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.75 mean=4.525 std=4.323 )
243		Missing

<i>DASH7_2003</i>		<i>Total fat DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=8.918125 mean=6.3362883 std=4.2403067 )
243		Missing

<i>DASH8_2003</i>		<i>Sweets DASH component (2003 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=0 mean=2.6 std=4.0 )
243		Missing

<i>DASH2018</i>		<i>DASH (2018 DASH) from 2DMEAN, 0-80</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 75.852592593 ( median=36.456027827 mean=36.8038561639 std=10.4091769991 )
243		Missing

<i>DASH1_2018</i>		<i>Whole grains DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=1.2095238095 mean=2.07669428495 std=2.50684382712 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>DASH2_2018</i>		<i>Vegetables DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.5704545455 mean=4.19703352649 std=2.99553446214 )
243		Missing

<i>DASH3_2018</i>		<i>Fruit DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=2.7144444444 mean=3.49162333279 std=3.21637575070 )
243		Missing

<i>DASH4_2018</i>		<i>Low fat dairy DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=1.6639272763 mean=1.95841005592 std=2.10359289456 )
243		Missing

<i>DASH5_2018</i>		<i>Meat, poultry, fish, eggs DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=10 mean=9.6 std=1.6 )
243		Missing

<i>DASH6_2018</i>		<i>Nuts &amp; legumes DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=3.75 mean=4.527 std=4.326 )
243		Missing

<i>DASH7_2018</i>		<i>Total fat DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=8.068 mean=5.9884 std=4.3182 )
243		Missing

<i>DASH8_2018</i>		<i>Sweets DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=0 mean=2.6 std=4.0 )
243		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section A

### Section A: Participant Derived Variable File

<i>DASH9_2018</i>		<i>Sodium DASH component (2018 DASH) from 2DMEAN, 0-10</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16172	Range	0 - 10 ( median=0 mean=2.4 std=3.8 )
243		Missing

<i>SUPPL_USE</i>		<i>Supplement use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9172	0	No supplement use (No)
7243	1	Used supplement (Yes)

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

#### Audiometry Derived Variable File

<i>AUDA0B</i>		<i>AUDIOMETRIC TECHNICIAN</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
		This variable has been removed

<i>PEAKR</i>		<i>TYMPANOGRAM PEAK Y, R EAR (ml)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15062	Range	0 - 5.5 ( median=0.6 mean=0.76 std=0.50 )
829		Missing

<i>VEAR</i>		<i>TYMPANOGRAM EQUIVALENT EAR CANAL VOLUME, R EAR (ml)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15062	Range	0 - 7 ( median=1.4 mean=1.42 std=0.51 )
829		Missing

<i>TWR</i>		<i>TYMPANOGRAM WIDTH, R EAR (daPa)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14454	Range	0 - 384 ( median=84 mean=82.7 std=28.3 )
1437		Missing

<i>TPPR</i>		<i>TYMPANOGRAM PEAK PRESSURE, R EAR (daPa)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14082	Range	-294 - 186 ( median=0 mean=-9.4 std=34.8 )
1809		Missing

<i>PEAKL</i>		<i>TYMPANOGRAM PEAK Y, L EAR (ml)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14932	Range	0 - 5.9 ( median=0.6 mean=0.77 std=0.50 )
959		Missing

<i>VEAL</i>		<i>TYMPANOGRAM EQUIVALENT EAR CANAL VOLUME, L EAR (ml)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14932	Range	0 - 6.7 ( median=1.3 mean=1.34 std=0.48 )
959		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

TWL		TYMPANOGRAM WIDTH, L EAR (daPa)
N	Value	Description
14313	Range	0 - 366 ( median=84 mean=82.5 std=27.6 )
1578		Missing

TPPL		TYMPANOGRAM PEAK PRESSURE, L EAR (daPa)
N	Value	Description
13938	Range	-300 - 186 ( median=0 mean=-8.2 std=33.9 )
1953		Missing

AIR500R		AIR-CONDUCTION THRESHOLD AT 500 HZ, R EAR
N	Value	Description
15705	Range	-10 - 125 ( median=10 mean=13.2 std=11.4 )
186		Missing

AIR1000R		AIR-CONDUCTION THRESHOLD AT 1000 HZ, R EAR
N	Value	Description
15712	Range	-10 - 125 ( median=10 mean=13.9 std=12.0 )
179		Missing

AIR2000R		AIR-CONDUCTION THRESHOLD AT 2000 HZ, R EAR
N	Value	Description
15700	Range	-10 - 125 ( median=10 mean=14.1 std=13.6 )
191		Missing

AIR3000R		AIR-CONDUCTION THRESHOLD AT 3000 HZ, R EAR
N	Value	Description
15703	Range	-10 - 125 ( median=15 mean=18.8 std=16.5 )
188		Missing

AIR4000R		AIR-CONDUCTION THRESHOLD AT 4000 HZ, R EAR
N	Value	Description
15567	Range	-10 - 125 ( median=15 mean=22.2 std=17.9 )
324		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>AIR6000R</i>		<i>AIR-CONDUCTION THRESHOLD AT 6000 HZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15695	Range	-10 - 120 ( median=20 mean=26.3 std=19.0 )
196		Missing

<i>AIR8000R</i>		<i>AIR-CONDUCTION THRESHOLD AT 8000 HZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15680	Range	-10 - 110 ( median=20 mean=24.5 std=21.4 )
211		Missing

<i>AIR500L</i>		<i>AIR-CONDUCTION THRESHOLD AT 500 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15700	Range	-10 - 125 ( median=10 mean=12.6 std=11.3 )
191		Missing

<i>AIR1000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 1000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15712	Range	-10 - 125 ( median=10 mean=12.9 std=12.2 )
179		Missing

<i>AIR2000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 2000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15701	Range	-10 - 125 ( median=10 mean=14.0 std=14.0 )
190		Missing

<i>AIR3000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 3000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15691	Range	-10 - 125 ( median=15 mean=19.6 std=17.1 )
200		Missing

<i>AIR4000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 4000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15561	Range	-10 - 125 ( median=20 mean=22.9 std=18.4 )
330		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>AIR6000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 6000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15686	Range	-10 - 120 ( median=25 mean=27.1 std=19.3 )
205		Missing

<i>AIR8000L</i>		<i>AIR-CONDUCTION THRESHOLD AT 8000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15679	Range	-10 - 110 ( median=15 mean=23.8 std=21.5 )
212		Missing

<i>BONE500R</i>		<i>BONE-CONDUCTION THRESHOLD AT 500 HZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10415	Range	-10 - 75 ( median=15 mean=17.6 std=11.1 )
5476		Missing

<i>BONE2000R</i>		<i>BONE-CONDUCTION THRESHOLD AT 2000 HZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10312	Range	-10 - 90 ( median=15 mean=16.2 std=13.6 )
5579		Missing

<i>BONE4000R</i>		<i>BONE-CONDUCTION THRESHOLD AT 4000 HZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12121	Range	-10 - 85 ( median=10 mean=15.0 std=16.8 )
3770		Missing

<i>BONE500L</i>		<i>BONE-CONDUCTION THRESHOLD AT 500 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6174	Range	-10 - 75 ( median=15 mean=17.6 std=11.8 )
9717		Missing

<i>BONE2000L</i>		<i>BONE-CONDUCTION THRESHOLD AT 2000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6557	Range	-10 - 90 ( median=15 mean=17.1 std=15.2 )
9334		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>BONE4000L</i>		<i>BONE-CONDUCTION THRESHOLD AT 4000 HZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9317	Range	-10 - 85 ( median=15 mean=16.9 std=17.3 )
6574		Missing

<i>GAPR</i>		<i>AIR-BONE GAP, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13744	0	No
1957	1	Yes
190		Missing

<i>GAPL</i>		<i>AIR-BONE GAP, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13802	0	No
1880	1	Yes
209		Missing

<i>GAP</i>		<i>AIR-BONE GAP, EITHER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12483	0	No
3239	1	Yes
169		Missing

<i>PTAR</i>		<i>PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15527	Range	-10 - 125 ( median=13.75 mean=15.609 std=11.499 )
364		Missing

<i>PTAL</i>		<i>PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15516	Range	-10 - 125 ( median=12.5 mean=15.40 std=11.90 )
375		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>PTAW</i>		<i>PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, WORSE EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15729	Range	-10 - 125 ( median=15 mean=17.8 std=12.9 )
162		Missing

<i>PTAB</i>		<i>PURE-TONE AVERAGE AT .5, 1, 2 AND 4 KHZ, BETTER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15729	Range	-10 - 118.75 ( median=11.25 mean=13.459 std=10.138 )
162		Missing

<i>HEARINGLOSSR</i>		<i>HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ &gt; 25 DB, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13576	0	No
2063	1	Yes
252		Missing

<i>HEARINGLOSSL</i>		<i>HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ &gt; 25 DB, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13483	0	No
2142	1	Yes
266		Missing

<i>HEARINGLOSSW</i>		<i>HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ &gt; 25 DB, EITHER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13040	0	No
2799	1	Yes
52		Missing

<i>HEARINGLOSSB</i>		<i>HEARING LOSS: PTA AT .5, 1, 2 AND 4 KHZ &gt; 25 DB, BETTER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14308	0	No
1537	1	Yes
46		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>POSSIBLE_PERFR</i>		<i>POSSIBLE EAR DRUM PERFORATION, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14867	0	No
195	1	Yes
829		Missing

<i>POSSIBLE_PERFL</i>		<i>POSSIBLE EAR DRUM PERFORATION, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14775	0	No
157	1	Yes
959		Missing

<i>POSSIBLE_PERF</i>		<i>POSSIBLE EAR DRUM PERFORATION, EITHER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15247	0	No
279	1	Yes
365		Missing

<i>POSSIBLE_IMPACTI ONR</i>		<i>POSSIBLE EAR CANAL IMPACTION, R EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14894	0	No
989	1	Yes
8		Missing

<i>POSSIBLE_IMPACTI ONL</i>		<i>POSSIBLE EAR CANAL IMPACTION, L EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15076	0	No
804	1	Yes
11		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>POSSIBLE_IMPACTI ON</i>		<i>POSSIBLE EAR CANAL IMPACTION, EITHER EAR</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14533	0	No
1352	1	Yes
6		Missing

<i>HHIASCORE</i>		<i>TOTAL SCORE FOR HEARING HANDICAP INVENTORY FOR ADULTS (HHIA-S)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14442	Range	0 - 40 ( median=0 mean=2.2 std=5.9 )
1449		Missing

<i>HHIESCORE</i>		<i>TOTAL SCORE FOR HEARING HANDICAP INVENTORY FOR THE ELDERLY (HHIE-S)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1298	Range	0 - 40 ( median=0 mean=4.5 std=7.9 )
14593		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

#### Dental Derived Variable File

<i>BGI</i>		<i>Biofilm-gingival interface (BGI) case</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2248	1	<3 sites with PD and BOP<10%
2322	2	<3 sites with PD and BOP>=10%
1486	3	>=4 sites with PD and BOP<10%
4529	4	>=4 sites with PD and 10%<=BOP<=50%
3418	5	>=4 sites with PD and BOP>50%
1137		Missing

<i>C2PD_4</i>		<i>Case Def: 2+ sites w/ PD &gt;= 4mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5812	0	<2 sites with PD values >=4
8233	1	2+ sites with PD values >=4
1095		Missing

<i>C2PD_5</i>		<i>Case Def: 2+ sites w/ PD &gt;= 5mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9935	0	<2 sites with PD >=5mm
4110	1	2+ sites with PD >=5mm
1095		Missing

<i>C4PD_4</i>		<i>Case Def: 4+ sites w/ PD &gt;= 4mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7357	0	<4 sites w/ PD >= 4mm
6688	1	4+ sites w/ PD >= 4mm
1095		Missing

<i>C4PD_5</i>		<i>Case Def: 4+ sites w/ PD &gt;= 5mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11286	0	<4 sites w/ PD >= 5mm
2759	1	4+ sites w/ PD >= 5mm
1095		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>EALBL_3</i>		% sites w/ AL $\geq$ 3mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 100 ( median=0.6993006993 mean=7.14216684090 std=15.35496510373 )
1138		Missing

<i>EALBL_4</i>		% sites w/ AL $\geq$ 4mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 100 ( median=0 mean=4.9 std=13.2 )
1138		Missing

<i>EALBL_5</i>		% sites w/ AL $\geq$ 5mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 100 ( median=0 mean=3.3 std=10.8 )
1138		Missing

<i>EALBL_6</i>		% sites w/ AL $\geq$ 6mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 100 ( median=0 mean=1.9 std=7.9 )
1138		Missing

<i>EAL_3</i>		% sites w/ AL $\geq$ 3mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=4.4025157233 mean=13.87396316847 std=21.55950418614 )
1097		Missing

<i>EAL_4</i>		% sites w/ AL $\geq$ 4mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0.8403361345 mean=8.64143101801 std=17.93980642953 )
1097		Missing

<i>EAL_5</i>		% sites w/ AL $\geq$ 5mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0 mean=5.2 std=14.2 )
1097		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>EAL_6</i>		% sites w/ AL $\geq$ 6mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0 mean=2.9 std=10.1 )
1097		Missing

<i>EAL_7</i>		% sites w/ AL $\geq$ 7mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0 mean=1.4 std=6.4 )
1097		Missing

<i>EAL_8</i>		% sites w/ AL $\geq$ 8mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0 mean=0.7 std=4.3 )
1097		Missing

<i>EBL</i>		% sites w/ BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 100 ( median=26.666666667 mean=34.0967992553 std=28.9169704475 )
1137		Missing

<i>EPD4AL2</i>		% sites w/ PD $\geq$ 4 & AL $\geq$ 2
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=1.1904761905 mean=6.27994384601 std=11.60375274626 )
1097		Missing

<i>EPD5AL2</i>		% sites w/ PD $\geq$ 5 & AL $\geq$ 2
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 100 ( median=0 mean=2.5 std=6.9 )
1097		Missing

<i>EPDBL_3</i>		% sites w/ PD $\geq$ 3mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 100 ( median=10.273972603 mean=18.9818583366 std=21.3465233150 )
1137		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>EPDBL_4</i>		% sites w/ PD >=4mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 100 ( median=1.25 mean=6.253 std=11.276 )
1137		Missing

<i>EPDBL_5</i>		% sites w/ PD >=5mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 100 ( median=0 mean=2.1 std=6.2 )
1137		Missing

<i>EPDBL_6</i>		% sites w/ PD >=6mm & BOP
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 97.530864198 ( median=0 mean=0.8 std=3.5 )
1137		Missing

<i>EPD_3</i>		% sites w/ PD >= 3mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 100 ( median=24.786324786 mean=30.0080314004 std=24.0701256524 )
1095		Missing

<i>EPD_4</i>		% sites w/ PD >= 4mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 100 ( median=2.380952381 mean=7.7745218484 std=12.7590110228 )
1095		Missing

<i>EPD_5</i>		% sites w/ PD >= 5mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 100 ( median=0 mean=2.5 std=7.0 )
1095		Missing

<i>EPD_6</i>		% sites w/ PD >= 6mm
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 97.530864198 ( median=0 mean=0.9 std=4.0 )
1095		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>MEANAL</i>		<i>Average attachment loss (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14043	Range	0 - 11.75 ( median=0.5662650602 mean=0.96720965323 std=1.18002963037 )
1097		Missing

<i>MEANPD</i>		<i>Average pocket depth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0.3095238095 - 7.5925925926 ( median=2.0892857143 mean=2.14644221568 std=0.61813854802 )
1095		Missing

<i>NALBL</i>		<i>No. sites evaluated for AL &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 168 ( median=144 mean=124.2 std=48.9 )

<i>NALBL_3</i>		<i>No. sites w/ AL &gt;= 3mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 151 ( median=1 mean=7.5 std=15.4 )
1138		Missing

<i>NALBL_4</i>		<i>No. sites w/ AL &gt;= 4mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 151 ( median=0 mean=4.8 std=12.2 )
1138		Missing

<i>NALBL_5</i>		<i>No. sites w/ AL &gt;= 5mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 131 ( median=0 mean=3.0 std=9.2 )
1138		Missing

<i>NALBL_6</i>		<i>No. sites w/ AL &gt;= 6mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14002	Range	0 - 127 ( median=0 mean=1.7 std=6.2 )
1138		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

NALSITES		No. sites evaluated for attachment loss (AL)
N	Value	Description
15140	Range	0 - 168 ( median=144 mean=124.3 std=48.9 )

NAL_3		No. sites w/ AL >= 3mm
N	Value	Description
14043	Range	0 - 158 ( median=6 mean=14.5 std=20.9 )
1097		Missing

NAL_4		No. sites w/ AL >= 4mm
N	Value	Description
14043	Range	0 - 154 ( median=1 mean=8.3 std=15.9 )
1097		Missing

NAL_5		No. sites w/ AL >= 5mm
N	Value	Description
14043	Range	0 - 131 ( median=0 mean=4.6 std=11.6 )
1097		Missing

NAL_6		No. sites w/ AL >= 6mm
N	Value	Description
14043	Range	0 - 129 ( median=0 mean=2.4 std=7.6 )
1097		Missing

NAL_7		No. sites w/ AL >= 7mm
N	Value	Description
14043	Range	0 - 110 ( median=0 mean=1.1 std=4.6 )
1097		Missing

NAL_8		No. sites w/ AL >= 8mm
N	Value	Description
14043	Range	0 - 66 ( median=0 mean=0.5 std=2.8 )
1097		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>NBL</i>		<i>No. sites w/ BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 168 ( median=34 mean=44.2 std=38.7 )
1137		Missing

<i>NBLSITES</i>		<i>No. sites evaluated for bleeding on probing (BOP)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 168 ( median=144 mean=124.4 std=49.0 )

<i>NCROWN</i>		<i>No. crowns</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 25 ( median=0 mean=1.0 std=2.2 )

<i>NDMF_DS</i>		<i>Count of Decayed surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 69 ( median=0 mean=1.2 std=2.8 )

<i>NDMF_DT</i>		<i>Count of Decayed teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 20 ( median=0 mean=0.8 std=1.6 )

<i>NDMF_FS</i>		<i>Count of Filled surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 108 ( median=10 mean=13.2 std=12.9 )

<i>NDMF_FT</i>		<i>Count of Filled teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 25 ( median=6 mean=6.3 std=5.0 )

<i>NDMF_MS</i>		<i>Count of Missing surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 124 ( median=10 mean=20.9 std=26.5 )

<i>NDMF_MT</i>		<i>Count of Missing teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 27 ( median=2 mean=4.3 std=5.6 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

**Section B: Other Derived Datasets**

<i>NDMF_TS</i>		<i>Count of DMF surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 128 ( median=29 mean=35.3 std=28.5 )

<i>NDMF_TT</i>		<i>Count of DMF teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 28 ( median=11 mean=11.3 std=6.7 )

<i>NIMPLANT</i>		<i>No. dental implants</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 10 ( median=0 mean=0.0 std=0.3 )

<i>NPD4AL2</i>		<i>No. sites w/ PD &gt;=4 &amp; AL &gt;=2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 159 ( median=1 mean=7.1 std=13.4 )

<i>NPD5AL2</i>		<i>No. sites w/ PD &gt;=5 &amp; AL &gt;=2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 104 ( median=0 mean=2.7 std=7.6 )

<i>NPDAL</i>		<i>No. sites evaluated for PD &amp; AL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 168 ( median=144 mean=124.3 std=48.9 )

<i>NPDBL</i>		<i>No. sites evaluated for PD &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 168 ( median=144 mean=124.3 std=48.9 )

<i>NPDBL_3</i>		<i>No. sites w/ PD &gt;= 3mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 168 ( median=13 mean=24.3 std=27.6 )
1137		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>NPDBL_4</i>		<i>No. sites w/ PD &gt;= 4mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 160 ( median=2 mean=7.9 std=14.1 )
1137		Missing

<i>NPDBL_5</i>		<i>No. sites w/ PD &gt;= 5mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 108 ( median=0 mean=2.6 std=7.3 )
1137		Missing

<i>NPDBL_6</i>		<i>No. sites w/ PD &gt;= 6mm &amp; BOP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14003	Range	0 - 93 ( median=0 mean=0.9 std=3.9 )
1137		Missing

<i>NPDSITES</i>		<i>No. sites evaluated for pocket depth (PD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 168 ( median=144 mean=124.3 std=48.9 )

<i>NPD_3</i>		<i>Sites w/ PD &gt;= 3mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 168 ( median=31 mean=38.8 std=32.1 )
1095		Missing

<i>NPD_4</i>		<i>Sites w/ PD &gt;= 4mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 160 ( median=3 mean=9.7 std=15.6 )
1095		Missing

<i>NPD_5</i>		<i>Sites w/ PD &gt;= 5mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 108 ( median=0 mean=3.0 std=7.9 )
1095		Missing

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>NPD_6</i>		<i>Sites w/ PD &gt;= 6mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14045	Range	0 - 93 ( median=0 mean=1.0 std=4.1 )
1095		Missing

<i>NROOT</i>		<i>No. root fragments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 16 ( median=0 mean=0.2 std=0.8 )

<i>NTEETH</i>		<i>No. teeth (primary, permanent, implant, root fragment)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	1 - 28 ( median=25 mean=23.4 std=5.7 )

<i>PCTDMF_DS</i>		<i>% Decayed surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 53.90625 ( median=0 mean=0.9 std=2.2 )

<i>PCTDMF_DT</i>		<i>% Decayed teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 71.428571429 ( median=0 mean=2.8 std=5.7 )

<i>PCTDMF_FS</i>		<i>% Filled surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 84.375 ( median=7.8125 mean=10.34934 std=10.10620 )

<i>PCTDMF_FT</i>		<i>% Filled teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 89.285714286 ( median=21.428571429 mean=22.6698433667 std=17.8639395117 )

<i>PCTDMF_MS</i>		<i>% Missing surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 96.875 ( median=7.8125 mean=16.34706 std=20.66798 )

<i>PCTDMF_MT</i>		<i>% Missing teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15140	Range	0 - 96.428571429 ( median=7.1428571429 mean=15.52274013965 std=20.08635453004 )

## HCHS/SOL Code Book for Baseline Visit (INV version 4), Chapter 3 Section B

### Section B: Other Derived Datasets

<i>PPDMF_DS</i>		<i>Proportion Decayed surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0 mean=0.1 std=0.2 )
838		Missing

<i>PPDMF_DT</i>		<i>Proportion Decayed teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0 mean=0.1 std=0.2 )
838		Missing

<i>PPDMF_FS</i>		<i>Proportion Filled surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0.4583333333 mean=0.48297892476 std=0.35295737189 )
838		Missing

<i>PPDMF_FT</i>		<i>Proportion Filled teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0.6666666667 mean=0.58547714485 std=0.34444495883 )
838		Missing

<i>PPDMF_MS</i>		<i>Proportion Missing surfaces</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0.4545454545 mean=0.44066643164 std=0.34653945450 )
838		Missing

<i>PPDMF_MT</i>		<i>Proportion Missing teeth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14302	Range	0 - 1 ( median=0.25 mean=0.322 std=0.308 )
838		Missing