



HCHS/SOL Visit 3 Codebook

**INV Version 2.0
September 2024**

**Prepared by
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INV Version 2.0, September 2024

Table of Contents

CHAPTER 1. VISIT 3 EXAMINATION.....	3
SECTION A: ADMINISTRATIVE/SAFETY	3
<i>Informed Consent Tracking (ICT)</i>	3
SECTION B: PROCEDURES.....	7
<i>Anthropometry (ANT)</i>	7
<i>Biospecimen Collection and Processing (BIO)</i>	10
<i>Sitting Blood Pressure (SBP)</i>	24
SECTION C: QUESTIONNAIRE FORMS	27
<i>Behavior and Finance (BFE)</i>	27
<i>Health Care (HCE)</i>	31
<i>Health Use (HUE)</i>	49
<i>Personal Medical History (MHE)</i>	59
<i>Medication Use (MUE_DERV)</i>	76
<i>Neighborhood Description (NDE)</i>	95
<i>Participant Disability Screen (PDE)</i>	99
<i>Reproductive Medical History (RME)</i>	101
<i>Socio Economic/Occupation (SEE)</i>	108
<i>Sensitive Information (SIE)</i>	115
<i>Sexuality and Gender Identity Part 1 (SME_DERV)</i>	128
<i>Sexuality and Gender Identity Part 2 (SOE_DERV)</i>	130
<i>Tobacco Use (TBE)</i>	133
CHAPTER 2. LABORATORY AND READING CENTERS.....	140
SECTION A: LABORATORY READING CENTERS.....	140
<i>Lab Measurements (LAB)</i>	140
CHAPTER 3. DERIVED VARIABLES.....	142
SECTION A: DERIVED FILES.....	142
<i>Visit 3 Participant Derived File (PART_DERV)</i>	142

Chapter 1: Visit 3 Examination

Section A: Administrative/Safety

Informed Consent Tracking: FORM CODE=ICT, VERSION=3

ID		HCHS Participant ID
N	Value	Description
16335	Present	Text suppressed

VISIT		Visit
N	Value	Description
16335	3	Visit 3

OCCURRENCE		Occurrence
N	Value	Description
9805	1	Occurrence 1
6476	2	Occurrence 2
51	3	Occurrence 3
2	4	Occurrence 4
1	5	Occurrence 5

ICT0A		Completion date
N	Value	Description
16333	Range	01/05/2020 - 04/02/2024
2		Missing

ICT0A_M		Month of Completion date
N	Value	Description
16333	Range	1 - 12 (median=7 mean=6.7 std=3.6)
2		Missing

ICT0A_Y		Year of Completion date
N	Value	Description
16333	Range	2020 - 2024 (median=2022 mean=2021.7 std=1.0)
2		Missing

Chapter 1: Visit 3 Examination

Section A: Administrative/Safety

<i>ICT0C</i>		<i>Consent/Update</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9114	1	1=Visit Consent
18	2	2=IC update
7203	3	3=V3_Phone Interview

<i>ICT0D</i>		<i>V3 Consent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	.S	Legitimately skipped
13	0	0=Refused
16235	1	1=Agreed
53	2	2=Agreed by Proxy
16		Missing

<i>ICT1</i>		<i>Yearly Contact</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7208	.S	Legitimately skipped
24	0	0 = No
9103	1	1 = Yes

<i>ICT2</i>		<i>Release findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7208	.S	Legitimately skipped
639	0	0 = No
8472	1	1 = Yes
16		Missing

<i>ICT3</i>		<i>HCHS sample research</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7208	.S	Legitimately skipped
11	0	0 = No
9100	1	1 = Yes
16		Missing

Chapter 1: Visit 3 Examination

Section A: Administrative/Safety

ICT4		Non HCHS sample research
N	Value	Description
7208	.S	Legitimately skipped
935	0	0 = No
8176	1	1 = Yes
16		Missing

ICT5		HCHS genetic research
N	Value	Description
7208	.S	Legitimately skipped
244	0	0 = No
8865	1	1 = Yes
18		Missing

ICT6		Non HCHS Genetic research
N	Value	Description
7208	.S	Legitimately skipped
1172	0	0 = No
7936	1	1 = Yes
19		Missing

ICT7		Commercial samples and Genetic research
N	Value	Description
7208	.S	Legitimately skipped
2253	0	0 = No
6855	1	1 = Yes
19		Missing

ICT8		HCHS Contact future study
N	Value	Description
7208	.S	Legitimately skipped
86	0	0 = No
9038	1	1 = Yes
3		Missing

Chapter 1: Visit 3 Examination

Section A: Administrative/Safety

ICT9		HCHS Contact family future study
N	Value	Description
7208	.S	Legitimately skipped
857	0	0 = No
8251	1	1 = Yes
19		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

Anthropometry: FORM CODE=ANT, VERSION=2

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9076	Present	Text suppressed

<i>VISIT</i>		<i>Visit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9076	3	Visit 3

<i>ANT0A</i>		<i>completion date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9076	Range	01/29/2020 - 01/31/2024

<i>ANT0A_M</i>		<i>Month of completion date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9076	Range	1 - 12 (median=7 mean=6.6 std=3.3)

<i>ANT0A_Y</i>		<i>Year of completion date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9076	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)

<i>ANT1</i>		<i>able to stand</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8734	1	1 = Can stand erectly on both feet
318	2	2 = Can stand on both feet, but posture not erect
24	3	3 = Cannot stand on both feet

<i>ANT2</i>		<i>standing height</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8761	Range	124 - 196 (median=159 mean=160.3 std=9.2)
24	.S	Legitimately skipped
291		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

ANT3A		self-reported weight
N	Value	Description
8713	Range	30 - 470 (median=168 mean=171.4 std=42.6)
363		Missing

ANT3A_KG		Self reported weight (kg)
N	Value	Description
8712	Range	13.60776 - 240 (median=77.11064 mean=79.177442 std=18.101228)
364		Missing

ANT3B		self-reported weight units
N	Value	Description
24	.S	Legitimately skipped
8437	1	1 = lb
288	2	2 = kg
327		Missing

ANT4		weight
N	Value	Description
9038	Range	34.6 - 193.2 (median=76.1 mean=78.65 std=17.96)
24	.S	Legitimately skipped
14		Missing

ANT5		fat (%)
N	Value	Description
8084	Range	5.8 - 74.1 (median=37.75 mean=36.848 std=8.904)
440	.S	Legitimately skipped
552		Missing

ANT6		impedance
N	Value	Description
8080	Range	152 - 898 (median=508 mean=510.4 std=84.3)
439	.S	Legitimately skipped
557		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

ANT7		fat mass
N	Value	Description
8100	Range	2.1 - 136 (median=27.8 mean=29.91 std=12.80)
425	.S	Legitimately skipped
551		Missing

ANT8		FFM
N	Value	Description
8080	Range	15.6 - 97.9 (median=46.3 mean=48.75 std=9.49)
428	.S	Legitimately skipped
568		Missing

ANT9		TBW
N	Value	Description
8082	Range	11.4 - 84 (median=33.9 mean=35.69 std=7.03)
441	.S	Legitimately skipped
553		Missing

ANT10A		waist
N	Value	Description
8869	Range	58 - 177 (median=101 mean=102.4 std=14.1)
207		Missing

ANT10B		hip
N	Value	Description
8870	Range	34 - 180 (median=106 mean=108.2 std=12.4)
206		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

Biospecimen Collection and Processing: FORM CODE=BIO, VERSION=3

ID		HCHS Participant ID
N	Value	Description
9058	Present	Text suppressed

VISIT		Visit
N	Value	Description
9058	3	Visit 3

BIO1		Lymph nodes removed
N	Value	Description
8800	0	0 = No
239	1	1 = Yes
19		Missing

BIO2		Bleeding disorders
N	Value	Description
8548	0	0 = No
487	1	1 = Yes
23		Missing

BIO3		Graft or shunt
N	Value	Description
8972	0	0 = No
63	1	1 = Yes
23		Missing

BIO4		Day last ate
N	Value	Description
120	1	1 = Today
8902	2	2 = Yesterday
10	3	3 = Day before yesterday
26		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO5		Time last ate or drank
N	Value	Description
9031	Range	0:00:00 - 23:59:00
27		Missing

BIO6		Blood collect date
N	Value	Description
9036	Range	01/05/2020 - 01/31/2024
22		Missing

BIO6_M		Month of Blood collect date
N	Value	Description
9036	Range	1 - 12 (median=7 mean=6.6 std=3.3)
22		Missing

BIO6_Y		Year of Blood collect date
N	Value	Description
9036	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)
22		Missing

BIO7		Blood collect time
N	Value	Description
9001	Range	7:20:00 - 18:00:00
57		Missing

BIO8		Fasting blood before snack
N	Value	Description
46	0	0 = No
8960	1	1 = Yes
52		Missing

BIO9		Venipuncture attempts
N	Value	Description
9014	Range	0 - 5 (median=1 mean=1.2 std=0.5)
44		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO10		Blood draw incidents
N	Value	Description
6705	0	0 = No
2350	1	1 = Yes
3		Missing

BIO11A		Sample Not Drawn - Tube 1
N	Value	Description
8984	0	0=No
74	1	1=Yes

BIO11A1		Sample Not Drawn - Tube 2
N	Value	Description
8918	0	0=No
140	1	1=Yes

BIO11A2		Sample Not Drawn - Tube 3
N	Value	Description
8911	0	0=No
147	1	1=Yes

BIO11A3		Sample Not Drawn - Tube 4
N	Value	Description
8967	0	0=No
91	1	1=Yes

BIO11A4		Sample Not Drawn - Tube 5
N	Value	Description
8941	0	0=No
117	1	1=Yes

BIO11A5		Sample Not Drawn - Tube 6
N	Value	Description
8872	0	0=No
186	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11A6		Sample Not Drawn - Tube 7
N	Value	Description
8343	0	0=No
715	1	1=Yes

BIO11B		Partial Sample Drawn - Tube 1
N	Value	Description
9048	0	0=No
10	1	1=Yes

BIO11B1		Partial Sample Drawn - Tube 2
N	Value	Description
9047	0	0=No
11	1	1=Yes

BIO11B2		Partial Sample Drawn - Tube 3
N	Value	Description
9048	0	0=No
10	1	1=Yes

BIO11B3		Partial Sample Drawn - Tube 4
N	Value	Description
9042	0	0=No
16	1	1=Yes

BIO11B4		Partial Sample Drawn - Tube 5
N	Value	Description
9011	0	0=No
47	1	1=Yes

BIO11B5		Partial Sample Drawn - Tube 6
N	Value	Description
9001	0	0=No
57	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11B6		Partial Sample Drawn - Tube 7
N	Value	Description
8128	0	0=No
930	1	1=Yes

BIO11C		Tourniquet Reapplied - Tube 1
N	Value	Description
9034	0	0=No
24	1	1=Yes

BIO11C1		Tourniquet Reapplied - Tube 2
N	Value	Description
9041	0	0=No
17	1	1=Yes

BIO11C2		Tourniquet Reapplied - Tube 3
N	Value	Description
9039	0	0=No
19	1	1=Yes

BIO11C3		Tourniquet Reapplied - Tube 4
N	Value	Description
9004	0	0=No
54	1	1=Yes

BIO11C4		Tourniquet Reapplied - Tube 5
N	Value	Description
8985	0	0=No
73	1	1=Yes

BIO11C5		Tourniquet Reapplied - Tube 6
N	Value	Description
9001	0	0=No
57	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11C6		Tourniquet Reapplied - Tube 7
N	Value	Description
9036	0	0=No
22	1	1=Yes

BIO11D		Fist Clenching - Tube 1
N	Value	Description
9044	0	0=No
14	1	1=Yes

BIO11D1		Fist Clenching - Tube 2
N	Value	Description
9048	0	0=No
10	1	1=Yes

BIO11D2		Fist Clenching - Tube 3
N	Value	Description
9048	0	0=No
10	1	1=Yes

BIO11D3		Fist Clenching - Tube 4
N	Value	Description
9048	0	0=No
10	1	1=Yes

BIO11D4		Fist Clenching - Tube 5
N	Value	Description
9047	0	0=No
11	1	1=Yes

BIO11D5		Fist Clenching - Tube 6
N	Value	Description
9049	0	0=No
9	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11D6		Fist Clenching - Tube 7
N	Value	Description
9049	0	0=No
9	1	1=Yes

BIO11E		Needle Movement - Tube 1
N	Value	Description
9043	0	0=No
15	1	1=Yes

BIO11E1		Needle Movement - Tube 2
N	Value	Description
9045	0	0=No
13	1	1=Yes

BIO11E2		Needle Movement - Tube 3
N	Value	Description
9042	0	0=No
16	1	1=Yes

BIO11E3		Needle Movement - Tube 4
N	Value	Description
9039	0	0=No
19	1	1=Yes

BIO11E4		Needle Movement - Tube 5
N	Value	Description
9030	0	0=No
28	1	1=Yes

BIO11E5		Needle Movement - Tube 6
N	Value	Description
9045	0	0=No
13	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11E6		Needle Movement - Tube 7
N	Value	Description
9049	0	0=No
9	1	1=Yes

BIO11F		Participant Reclining - Tube 1
N	Value	Description
9055	0	0=No
3	1	1=Yes

BIO11F1		Participant Reclining - Tube 2
N	Value	Description
9052	0	0=No
6	1	1=Yes

BIO11F2		Participant Reclining - Tube 3
N	Value	Description
9054	0	0=No
4	1	1=Yes

BIO11F3		Participant Reclining - Tube 4
N	Value	Description
9051	0	0=No
7	1	1=Yes

BIO11F4		Participant Reclining - Tube 5
N	Value	Description
9051	0	0=No
7	1	1=Yes

BIO11F5		Participant Reclining - Tube 6
N	Value	Description
9051	0	0=No
7	1	1=Yes

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO11F6		Participant Reclining - Tube 7
N	Value	Description
9053	0	0=No
5	1	1=Yes

BIO14		Time tubes 5-7 centrifuged
N	Value	Description
8934	Range	7:35:00 - 14:43:00
124		Missing

BIO15		Time tubes 1-3 centrifuged
N	Value	Description
8978	Range	7:57:00 - 15:13:00
80		Missing

BIO16		Time aliquot tray 1 vials in freezer
N	Value	Description
8981	Range	8:30:00 - 15:24:00
77		Missing

BIO19A		Broken Tube - Tube 1
N	Value	Description
9058	Present	Text suppressed

BIO19A1		Broken Tube - Tube 2
N	Value	Description
9058	Present	Text suppressed

BIO19A2		Broken Tube - Tube 3
N	Value	Description
9058	Present	Text suppressed

BIO19A3		Broken Tube - Tube 4
N	Value	Description
9058	Present	Text suppressed

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO19A4		Broken Tube - Tube 5
N	Value	Description
9058	Present	Text suppressed

BIO19A5		Broken Tube - Tube 6
N	Value	Description
9058	Present	Text suppressed

BIO19A6		Broken Tube - Tube 7
N	Value	Description
9058	Present	Text suppressed

BIO19B		Sample re-centrifuged - Tube 1
N	Value	Description
9058	Present	Text suppressed

BIO19B1		Sample re-centrifuged - Tube 2
N	Value	Description
9058	Present	Text suppressed

BIO19B2		Sample re-centrifuged - Tube 3
N	Value	Description
9058	Present	Text suppressed

BIO19B3		Sample re-centrifuged - Tube 4
N	Value	Description
9058	Present	Text suppressed

BIO19B4		Sample re-centrifuged - Tube 5
N	Value	Description
9058	Present	Text suppressed

BIO19B5		Sample re-centrifuged - Tube 6
N	Value	Description
9058	Present	Text suppressed

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO19B6		Sample re-centrifuged - Tube 7
N	Value	Description
9058	Present	Text suppressed

BIO19C		Clotted - Tube 1
N	Value	Description
9058	Present	Text suppressed

BIO19C1		Clotted - Tube 2
N	Value	Description
9058	Present	Text suppressed

BIO19C2		Clotted - Tube 3
N	Value	Description
9058	Present	Text suppressed

BIO19C3		Clotted - Tube 4
N	Value	Description
9058	Present	Text suppressed

BIO19C4		Clotted - Tube 5
N	Value	Description
9058	Present	Text suppressed

BIO19C5		Clotted - Tube 6
N	Value	Description
9058	Present	Text suppressed

BIO19C6		Clotted - Tube 7
N	Value	Description
9058	Present	Text suppressed

BIO19D		Hemolyzed - Tube 1
N	Value	Description
9058	Present	Text suppressed

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO19D1		Hemolyzed - Tube 2
N	Value	Description
9058	Present	Text suppressed

BIO19D2		Hemolyzed - Tube 3
N	Value	Description
9058	Present	Text suppressed

BIO19D3		Hemolyzed - Tube 4
N	Value	Description
9058	Present	Text suppressed

BIO19D4		Hemolyzed - Tube 5
N	Value	Description
9058	Present	Text suppressed

BIO19D5		Hemolyzed - Tube 6
N	Value	Description
9058	Present	Text suppressed

BIO19D6		Hemolyzed - Tube 7
N	Value	Description
9058	Present	Text suppressed

BIO19E		Lipemic - Tube 1
N	Value	Description
9058	Present	Text suppressed

BIO19E1		Lipemic - Tube 2
N	Value	Description
9058	Present	Text suppressed

BIO19E2		Lipemic - Tube 3
N	Value	Description
9058	Present	Text suppressed

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO19E3		Lipemic - Tube 4
N	Value	Description
9058	Present	Text suppressed

BIO19E4		Lipemic - Tube 5
N	Value	Description
9058	Present	Text suppressed

BIO19E5		Lipemic - Tube 6
N	Value	Description
9058	Present	Text suppressed

BIO19E6		Lipemic - Tube 7
N	Value	Description
9058	Present	Text suppressed

BIO20		Urine sample collected
N	Value	Description
40	0	0 = No
9016	1	1 = Yes
2		Missing

BIO21		Date urine sample
N	Value	Description
9016	Range	01/29/2020 - 01/31/2024
42	.S	Legitimately skipped

BIO21_M		Month of Date urine sample
N	Value	Description
9016	Range	1 - 12 (median=7 mean=6.6 std=3.3)
42		Missing

BIO21_Y		Year of Date urine sample
N	Value	Description
9016	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)
42		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

BIO22		Time urine sample
N	Value	Description
9016	Range	7:00:00 - 16:07:00
42	.S	Legitimately skipped

BIO23		Time urine processed
N	Value	Description
9016	Range	7:42:00 - 15:06:00
42	.S	Legitimately skipped

Chapter 1: Visit 3 Examination

Section B: Procedures

Sitting Blood Pressure: FORM CODE=SBP, VERSION=1

ID		HCHS Participant ID
N	Value	Description
9076	Present	Text suppressed

VISIT		Visit
N	Value	Description
9076	3	Visit 3

SBP0A		Completion date
N	Value	Description
9076	Range	01/29/2020 - 01/31/2024

SBP0A_M		Month of Completion date
N	Value	Description
9076	Range	1 - 12 (median=7 mean=6.6 std=3.3)

SBP0A_Y		Year of Completion date
N	Value	Description
9076	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)

SBP1		Arm used for SBP
N	Value	Description
8820	1	1 = Right (preferred)
247	2	2 = Left
9	3	3 = Other (Notelog)

SBP2		Arm circumference (cm)
N	Value	Description
9070	Range	17 - 62 (median=32 mean=32.8 std=4.7)
6		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

SBP3		Omron cuff size
N	Value	Description
70	1	1 = Small CS19
3853	2	2 = Adult CR19
4793	3	3 = Large CL19
357	4	4 = X Large CX19
3		Missing

SBP4		Time of measurement
N	Value	Description
9072	Range	7:14:00 - 22:50:00
4		Missing

SBP5		Average Systolic
N	Value	Description
9046	Range	70 - 235 (median=125 mean=126.8 std=19.2)
30		Missing

SBP6		Average Diastolic
N	Value	Description
9053	Range	31 - 136 (median=72 mean=72.8 std=11.1)
23		Missing

SBP7		Average Pulse Rate
N	Value	Description
9036	Range	36 - 148 (median=65 mean=65.7 std=10.2)
40		Missing

SBP8		Systolic: 1st measure
N	Value	Description
9068	Range	66 - 237 (median=125 mean=127.2 std=19.8)
8		Missing

SBP9		Diastolic: 1st measure
N	Value	Description
9067	Range	29 - 146 (median=73 mean=73.9 std=11.6)
9		Missing

Chapter 1: Visit 3 Examination

Section B: Procedures

SBP10		Pulse: 1st measure
N	Value	Description
9067	Range	34 - 153 (median=65 mean=65.6 std=10.4)
9		Missing

SBP11		Systolic: 2nd measure
N	Value	Description
9066	Range	56 - 237 (median=125 mean=127.0 std=19.7)
10		Missing

SBP12		Diastolic: 2nd measure
N	Value	Description
9066	Range	31 - 141 (median=72 mean=72.5 std=11.4)
10		Missing

SBP13		Pulse: 2nd measure
N	Value	Description
9065	Range	33 - 154 (median=65 mean=65.7 std=10.4)
11		Missing

SBP14		Systolic: 3rd measure
N	Value	Description
9061	Range	70 - 233 (median=124 mean=126.4 std=19.3)
15		Missing

SBP15		Diastolic: 3rd measure
N	Value	Description
9061	Range	32 - 131 (median=71 mean=72.0 std=11.2)
15		Missing

SBP16		Pulse: 3rd measure
N	Value	Description
9061	Range	34 - 145 (median=65 mean=66.0 std=10.3)
15		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Behavior and Finance: FORM CODE=BFE, VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9002	Present	Text suppressed

<i>VISIT</i>		<i>Visit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9002	3	Visit 3

<i>BFE50</i>		<i>Sleep quality past 7 days</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
969	1	1=Very Good
3604	2	2=Good
2748	3	3=Fair
1192	4	4=Poor
485	5	5=Very Poor
4		Missing

<i>BFE51</i>		<i>Sleep refreshing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
895	1	1=Very much
2410	2	2=Quite a bit
2370	3	3=Somewhat
1985	4	4=A little bit
1301	5	5=Not at all
41		Missing

<i>BFE52</i>		<i>Had sleep problem</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3841	1	1=Not at all
2232	2	2=A little bit
1474	3	3=Somewhat
923	4	4=Quite a bit
529	5	5=Very much
3		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>BFE53</i>		<i>Difficulty falling asleep</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4233	1	1=Not at all
2106	2	2=A little bit
1260	3	3=Somewhat
879	4	4=Quite a bit
512	5	5=Very much
12		Missing

<i>BFE54</i>		<i>Average slept each night past 4 weeks</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
257	0	0=More than 9 hours
1209	1	1=8 to 9 hours
2331	2	2=7 to less than 8 hours
2752	3	3=6 to less than 7 hours
2434	4	4=Less than 6 hours
19		Missing

<i>BFE55</i>		<i>Frequency of alcohol drinks past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
127	0	0=Every day
95	1	1=5 to 6 times a week
267	2	2=3 to 4 times a week
438	3	3=Twice a week
700	4	4=Once a week
820	5	5=2 to 3 times a month
793	6	6=Once a month
699	7	7=3 to 11 times in the past year
906	8	8=1 or 2 times in the past year
4143	9	9=I have not drunk alcohol in the past 12 months
14		Missing

<i>BFE56</i>		<i>Number of alcohol drinks per week past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4809	Range	0 - 95 (median=2 mean=3.0 std=4.3)
4157	.S	Legitimately skipped
36		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>BFE57</i>		<i>Days drank 4/5 or more drinks per day past 30 days</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4829	Range	0 - 30 (median=0 mean=0.9 std=2.9)
4157	.S	Legitimately skipped
16		Missing

<i>BFE58</i>		<i>Times drank 4/5 or more drinks in 2 hours past 30 days</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4829	Range	0 - 30 (median=0 mean=0.3 std=1.6)
4157	.S	Legitimately skipped
16		Missing

<i>BFE59</i>		<i>Vigorous exercise at least 10 minutes how many days per week</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8992	Range	0 - 7 (median=0 mean=1.5 std=2.2)
10		Missing

<i>BFE60</i>		<i>Minutes of vigorous exercise each time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3369	Range	1 - 840 (median=45 mean=69.3 std=86.5)
5568	.S	Legitimately skipped
65		Missing

<i>BFE61</i>		<i>Moderate exercise at least 10 minutes how many days per week</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8985	Range	0 - 7 (median=3 mean=2.8 std=2.6)
17		Missing

<i>BFE62</i>		<i>Minutes of moderate exercise each time</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5836	Range	0 - 900 (median=30 mean=59.9 std=80.5)
3037	.S	Legitimately skipped
129		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>BFE63</i>		<i>Enough money to meet daily needs past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2712	1	1=Yes
6265	2	2=No
25		Missing

<i>BFE64</i>		<i>Not enough money to pay monthly bills past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2648	1	1=Yes
6321	2	2=No
33		Missing

<i>BFE65</i>		<i>Not enough money to pay rent or housing costs past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2004	1	1=Yes
6971	2	2=No
27		Missing

<i>BFE66</i>		<i>No regular place of residence or homelessness past 12 months</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
132	1	1=Yes
8846	2	2=No
24		Missing

<i>BFE67</i>		<i>Not enough money for food/went hungry past 30 days</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
492	1	1=Yes
8492	2	2=No
18		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Health Care: FORM CODE=HCE, VERSION=2

ID		HCHS Participant ID
N	Value	Description
9039	Present	Text suppressed

VISIT		Visit
N	Value	Description
9039	3	Visit 3

HCE0A		Completion Date
N	Value	Description
9033	Range	01/29/2020 - 02/28/2024
6		Missing

HCE0A_M		Month of Completion Date
N	Value	Description
9033	Range	1 - 12 (median=7 mean=6.6 std=3.3)
6		Missing

HCE0A_Y		Year of Completion Date
N	Value	Description
9033	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)
6		Missing

HCE1		Received Healthcare past 12 months
N	Value	Description
1607	0	0=No
7426	1	1=Yes
0	8	8=Refused
5	9	9=Don't Know/Not Sure
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE2A</i>		<i>Check-up/Preventive</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
1013	0	0=No
6411	1	1=Yes
2		Missing

<i>HCE2B</i>		<i>Pregnancy Care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
7021	0	0=No
69	1	1=Yes
336		Missing

<i>HCE2C</i>		<i>Acute Care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
6234	0	0=No
1184	1	1=Yes
8		Missing

<i>HCE2D</i>		<i>Injury</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
6698	0	0=No
724	1	1=Yes
4		Missing

<i>HCE2E</i>		<i>Emergency Care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
5571	0	0=No
1848	1	1=Yes
7		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE2F</i>		<i>Chronic/ Care of Disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
4427	0	0=No
2995	1	1=Yes
4		Missing

<i>HCE2G</i>		<i>Prescription</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
3038	0	0=No
4382	1	1=Yes
6		Missing

<i>HCE2H</i>		<i>Hospitalization</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
6492	0	0=No
929	1	1=Yes
5		Missing

<i>HCE2I</i>		<i>Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
6489	0	0=No
930	1	1=Yes
7		Missing

<i>HCE2I1</i>		<i>Other Specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
925	Present	Text suppressed
8109	~	Legitimately skipped
5		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE2J</i>		<i>Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
7217	0	0=No
7	1	1=Yes
202		Missing

<i>HCE2K</i>		<i>Don't Know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1613	.S	Legitimately skipped
7202	0	0=No
12	1	1=Yes
212		Missing

<i>HCE3</i>		<i>Healthcare Access</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8693	0	0=No
322	1	1=Yes
1	8	8=Refused
7	9	9=Don't Know/ Not Sure
16		Missing

<i>HCE4A</i>		<i>Prescription</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8717	.S	Legitimately skipped
181	0	0=No
141	1	1=Yes

<i>HCE4B</i>		<i>General Practitioner</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8717	.S	Legitimately skipped
174	0	0=No
148	1	1=Yes

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HCE4C		Specialist
N	Value	Description
8717	.S	Legitimately skipped
154	0	0=No
168	1	1=Yes

HCE4D		Surgical Procedure
N	Value	Description
8717	.S	Legitimately skipped
272	0	0=No
50	1	1=Yes

HCE4E		Clinical Procedure
N	Value	Description
8717	.S	Legitimately skipped
232	0	0=No
89	1	1=Yes
1		Missing

HCE4F		Health Services
N	Value	Description
8717	.S	Legitimately skipped
265	0	0=No
56	1	1=Yes
1		Missing

HCE4G		Dental
N	Value	Description
8717	.S	Legitimately skipped
176	0	0=No
146	1	1=Yes

HCE4H		Eyeglasses
N	Value	Description
8717	.S	Legitimately skipped
205	0	0=No
117	1	1=Yes

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE4I</i>		<i>Difficulty with Services</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8717	.S	Legitimately skipped
241	0	0=No
81	1	1=Yes

<i>HCE4I1</i>		<i>Specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
77	Present	Text suppressed
8958	~	Legitimately skipped
4		Missing

<i>HCE4J</i>		<i>Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8717	.S	Legitimately skipped
315	0	0=No
0	1	1=Yes
7		Missing

<i>HCE4K</i>		<i>Don't know/Not Sure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8717	.S	Legitimately skipped
314	0	0=No
0	1	1=Yes
8		Missing

<i>HCE5</i>		<i>Visits ER past year</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9025	Range	0 - 25 (median=0 mean=0.5 std=1.1)
14		Missing

<i>HCE6</i>		<i>Visits Doctor past year</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8972	Range	0 - 96 (median=2 mean=3.0 std=4.7)
67		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE7</i>		<i>Personal Provider</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1933	0	0=No
6158	1	1=Yes, only one
922	2	2=More than one
1	8	8=Refused
15	9	9=Don't Know/Not Sure
10		Missing

<i>HCE8</i>		<i>Place for Advice</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
881	0	0= There is no place
7822	1	1= Yes
319	2	2= There is more than one place
1	8	8= Refused
5	9	9= Don't know/Not sure
11		Missing

<i>HCE9</i>		<i>Most often place</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
892	.S	Legitimately skipped
5585	1	1= Clinic or Health Center
1825	2	2= Doctor's office or HMO
142	3	3= Hospital Emergency Room
483	4	4= Hospital Outpatient Department
63	5	5= Some other place
19	6	6= Doesn't go one place most often
1	8	8= Refused
4	9	9= Don't know/Not Sure
25		Missing

<i>HCE10A</i>		<i>No need of Doctor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
325	0	0=No
576	1	1=Yes
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE10B</i>		<i>Don't trust Doctor</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
788	0	0=No
112	1	1=Yes
5		Missing

<i>HCE10C</i>		<i>Doesn't know where to go</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
737	0	0=No
164	1	1=Yes
4		Missing

<i>HCE10D</i>		<i>Previous Doctor unavailable</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
743	0	0=No
151	1	1=Yes
11		Missing

<i>HCE10E</i>		<i>No insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
601	0	0=No
301	1	1=Yes
3		Missing

<i>HCE10F</i>		<i>Different language</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
844	0	0=No
58	1	1=Yes
3		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE10G</i>		<i>No care available</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
780	0	0=No
118	1	1=Yes
7		Missing

<i>HCE10H</i>		<i>Put it off</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
670	0	0=No
233	1	1=Yes
2		Missing

<i>HCE10I</i>		<i>Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
803	0	0=No
99	1	1=Yes
3		Missing

<i>HCE10I1</i>		<i>Specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
99	Present	Text suppressed
8940	~	Legitimately skipped

<i>HCE10J</i>		<i>Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
874	0	0=No
1	1	1=Yes
30		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE10K</i>		<i>Don't know</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8134	.S	Legitimately skipped
872	0	0=No
0	1	1=Yes
33		Missing

<i>HCE11</i>		<i>Last Routine Checkup</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7013	1	1=Within past year (anytime less than 12 months ago)
1028	2	2=Within past 2 years (1 year but less than 2 years ago)
372	3	3=Within past 3 years (2 years but less than 3 years ago)
190	4	4=Within past 5 years (3 years but less than 5 years ago)
277	5	5=5 or more years ago
64	6	6=Never
0	8	8=Refused
74	9	9=Don't know/Not Sure
21		Missing

<i>HCE12A</i>		<i>Glucose Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
190	0	0= No
2180	1	1= Yes
8		Missing

<i>HCE12B</i>		<i>A1c Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
350	0	0= No
1951	1	1= Yes
77		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE12C</i>		<i>Damage to Retina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
646	0	0= No
1723	1	1= Yes
9		Missing

<i>HCE12D</i>		<i>Urine Check</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
450	0	0= No
1906	1	1= Yes
22		Missing

<i>HCE12E</i>		<i>Foot Check</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
1025	0	0= No
1346	1	1= Yes
7		Missing

<i>HCE12F</i>		<i>Blood Pressure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
235	0	0= No
2136	1	1= Yes
7		Missing

<i>HCE12G</i>		<i>Lipid Level</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
620	0	0= No
1649	1	1= Yes
109		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE12H</i>		<i>Refused</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
2286	0	0= No
27	1	1= Yes
65		Missing

<i>HCE12I</i>		<i>Don't know/Not sure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6661	.S	Legitimately skipped
2288	0	0= No
20	1	1= Yes
70		Missing

<i>HCE13</i>		<i>Have health insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1409	0	0=No
7608	1	1=Yes
2	8	8=Refused
10	9	9=Don't know/Not Sure
10		Missing

<i>HCE14A</i>		<i>Employer Insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
5611	0	0=No
2001	1	1=Yes
8		Missing

<i>HCE14B</i>		<i>Insurance purchase</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
6722	0	0=No
881	1	1=Yes
17		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE14C</i>		<i>Medicare</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
4462	0	0=No
3150	1	1=Yes
8		Missing

<i>HCE14D</i>		<i>Medicaid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
4037	0	0=No
3562	1	1=Yes
21		Missing

<i>HCE14E</i>		<i>Veterans Administration</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
7547	0	0=No
68	1	1=Yes
5		Missing

<i>HCE14F</i>		<i>Military Health Plan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
7571	0	0=No
43	1	1=Yes
6		Missing

<i>HCE14G</i>		<i>Indian Health Service</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
7606	0	0=No
9	1	1=Yes
5		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE14H</i>		<i>Other Health Insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
6492	0	0=No
1119	1	1=Yes
9		Missing

<i>HCE14H1</i>		<i>Other insurance specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1108	Present	Text suppressed
7920	~	Legitimately skipped
11		Missing

<i>HCE14I</i>		<i>Refused insurance status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
7408	0	0=No
6	1	1=Yes
206		Missing

<i>HCE14J</i>		<i>Don't Know insurance status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1419	.S	Legitimately skipped
7384	0	0=No
29	1	1=Yes
207		Missing

<i>HCE15</i>		<i>Obamacare</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8068	0	0=No
853	1	1=Yes
1	8	8=Refused
83	9	9=Don't know/Not Sure
34		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE16</i>		<i>Emergency Medicaid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8467	0	0=No
499	1	1=Yes
0	8	8=Refused
53	9	9=Don't know/Not Sure
20		Missing

<i>HCE17</i>		<i>Time Last Health Insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7641	.S	Legitimately skipped
87	1	1=6 months or less
55	2	2=More than 6 months, but not more than 1 year
195	3	3=More than 1 year, but not more than 3 years
356	4	4=More than 3 years
640	5	5=Never had insurance
0	8	8=Refused
26	9	9=Don't know/Not Sure
39		Missing

<i>HCE18A</i>		<i>Insurance expensive</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
452	0	0=No
901	1	1=Yes
5		Missing

<i>HCE18B</i>		<i>Not eligible (Insurance)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
958	0	0=No
380	1	1=Yes
20		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HCE18C		Employer no Insurance
N	Value	Description
7681	.S	Legitimately skipped
1040	0	0=No
297	1	1=Yes
21		Missing

HCE18D		Denied Insurance
N	Value	Description
7681	.S	Legitimately skipped
1316	0	0=No
38	1	1=Yes
4		Missing

HCE18E		Not Eligible for Medicaid
N	Value	Description
7681	.S	Legitimately skipped
1061	0	0=No
270	1	1=Yes
27		Missing

HCE18F		Lost Ability (Insurance)
N	Value	Description
7681	.S	Legitimately skipped
1235	0	0=No
118	1	1=Yes
5		Missing

HCE18G		Not Eligible for tax credits
N	Value	Description
7681	.S	Legitimately skipped
1220	0	0=No
103	1	1=Yes
35		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>HCE18H</i>		<i>Not Eligible due to Citizen status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
853	0	0=No
491	1	1=Yes
14		Missing

<i>HCE18I</i>		<i>Don't need Insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
1031	0	0=No
317	1	1=Yes
10		Missing

<i>HCE18J</i>		<i>Unknown how to get Insurance</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
1080	0	0=No
275	1	1=Yes
3		Missing

<i>HCE18K</i>		<i>Why No Health Ins: Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7681	.S	Legitimately skipped
1183	0	0=No
170	1	1=Yes
5		Missing

<i>HCE18K1</i>		<i>Why No Health Ins: Other Specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
167	Present	Text suppressed
8869	~	Legitimately skipped
3		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HCE18L		Why No Health Ins: Refused
N	Value	Description
7681	.S	Legitimately skipped
1310	0	0=No
3	1	1=Yes
45		Missing

HCE18M		Why No Health Ins: Don't know
N	Value	Description
7681	.S	Legitimately skipped
1300	0	0=No
6	1	1=Yes
52		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Health Use: FORM CODE=HUE, VERSION=3

ID		HCHS Participant ID
N	Value	Description
9803	Present	Text suppressed

VISIT		Visit
N	Value	Description
9803	3	Visit 3

HUE0A		Completion date
N	Value	Description
9800	Range	01/22/2020 - 01/30/2024
3		Missing

HUE0A_M		Month of Completion date
N	Value	Description
9800	Range	1 - 12 (median=7 mean=6.7 std=3.8)
3		Missing

HUE0A_Y		Year of Completion date
N	Value	Description
9800	Range	2020 - 2024 (median=2022 mean=2021.5 std=1.1)
3		Missing

HUE1		Speak English level
N	Value	Description
2056	1	1= Not at all
1048	2	2= Poorly
3371	3	3= Fairly well
1260	4	4= Well
2058	5	5= Very well
10		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE2		Preferred language
N	Value	Description
6964	1	1= Spanish
1665	2	2= English
1133	3	3= Both equally
41		Missing

HUE2A		Health care visit past 12 months
N	Value	Description
2529	0	0=No
7227	1	1=Yes
47		Missing

HUE2A1		In person healthcare visit past 12 months
N	Value	Description
2530	.S	Legitimately skipped
363	0	0=No
6858	1	1=Yes
52		Missing

HUE2A2		Telemedicine healthcare visit past 12 months
N	Value	Description
2530	.S	Legitimately skipped
6156	0	0=No
1059	1	1=Yes
58		Missing

HUE2A3		Telephone healthcare visit past 12 months
N	Value	Description
2530	.S	Legitimately skipped
5490	0	0=No
1717	1	1=Yes
66		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE3		Doctors speak fast
N	Value	Description
2574	.S	Legitimately skipped
4224	1	1= Never
1185	2	2= Rarely
921	3	3= Sometimes
451	4	4= Usually
430	5	5= Always
18		Missing

HUE4		Doctors use hard words
N	Value	Description
2574	.S	Legitimately skipped
4826	1	1= Never
1164	2	2= Rarely
868	3	3= Sometimes
169	4	4= Usually
186	5	5= Always
16		Missing

HUE5		Doctors knew concerns
N	Value	Description
2574	.S	Legitimately skipped
381	1	1= Never
307	2	2= Rarely
936	3	3= Sometimes
1259	4	4= Usually
4298	5	5= Always
48		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE6		Doctors let you say what was important to you
N	Value	Description
2574	.S	Legitimately skipped
224	1	1= Never
185	2	2= Rarely
634	3	3= Sometimes
1056	4	4= Usually
5104	5	5= Always
26		Missing

HUE7		Doctors took health concerns seriously
N	Value	Description
2574	.S	Legitimately skipped
134	1	1= Never
166	2	2= Rarely
608	3	3= Sometimes
1023	4	4= Usually
5268	5	5= Always
30		Missing

HUE8		Doctors explained test results
N	Value	Description
2574	.S	Legitimately skipped
271	1	1= Never
185	2	2= Rarely
491	3	3= Sometimes
844	4	4= Usually
5399	5	5= Always
39		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE9		Doctors explain physical exam results
N	Value	Description
2574	.S	Legitimately skipped
224	1	1= Never
166	2	2= Rarely
505	3	3= Sometimes
814	4	4= Usually
5472	5	5= Always
48		Missing

HUE10		Made treatment plan together
N	Value	Description
2574	.S	Legitimately skipped
767	1	1= Never
365	2	2= Rarely
778	3	3= Sometimes
1112	4	4= Usually
4150	5	5= Always
57		Missing

HUE11		Doctors gave you say in treatment
N	Value	Description
2574	.S	Legitimately skipped
1347	1	1= Never
430	2	2= Rarely
752	3	3= Sometimes
884	4	4= Usually
3703	5	5= Always
113		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE12		Doctors concerned about feelings
N	Value	Description
2574	.S	Legitimately skipped
598	1	1= Never
352	2	2= Rarely
828	3	3= Sometimes
995	4	4= Usually
4416	5	5= Always
40		Missing

HUE13		Doctors respected you
N	Value	Description
2574	.S	Legitimately skipped
39	1	1= Never
44	2	2= Rarely
200	3	3= Sometimes
570	4	4= Usually
6363	5	5= Always
13		Missing

HUE14		Doctors treated you as equal
N	Value	Description
2574	.S	Legitimately skipped
221	1	1= Never
103	2	2= Rarely
365	3	3= Sometimes
738	4	4= Usually
5770	5	5= Always
32		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE15		Doctors paid less attention because of ethnicity
N	Value	Description
2574	.S	Legitimately skipped
6377	1	1= Never
342	2	2= Rarely
240	3	3= Sometimes
66	4	4= Usually
174	5	5= Always
30		Missing

HUE16		Doctors discriminated because of ethnicity
N	Value	Description
2574	.S	Legitimately skipped
6666	1	1= Never
265	2	2= Rarely
171	3	3= Sometimes
35	4	4= Usually
74	5	5= Always
18		Missing

HUE17		Looked for health info for yourself
N	Value	Description
4834	1	1=Yes
4949	2	2=No
20		Missing

HUE18		Looked for health info for other
N	Value	Description
3293	1	1=Yes
6490	2	2=No
20		Missing

HUE19		Bought medicine or health supplies online
N	Value	Description
2333	1	1=Yes
7447	2	2=No
23		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE20		Looked for assistance in your caregiving
N	Value	Description
1605	1	1=Yes
8169	2	2=No
29		Missing

HUE21		Communicated with doctor via email or internet
N	Value	Description
2596	1	1=Yes
7181	2	2=No
26		Missing

HUE22		Tracked health care charges
N	Value	Description
2911	1	1=Yes
6865	2	2=No
27		Missing

HUE23		Looked up medical test results
N	Value	Description
3545	1	1=Yes
6224	2	2=No
34		Missing

HUE24		Doctor or clinic has electronic patient portal
N	Value	Description
4052	1	1=Yes
1858	2	2=No
3838	3	3=Don't know
55		Missing

HUE25		Used patient portal no help
N	Value	Description
2183	1	1=Yes
7576	2	2=No
44		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE26		Use patient portal w/ help
N	Value	Description
1189	1	1=Yes
8543	2	2=No
71		Missing

HUE27		Request medication
N	Value	Description
6972	.S	Legitimately skipped
1348	1	1=Yes
1473	2	2=No
10		Missing

HUE28		Request appointment
N	Value	Description
6972	.S	Legitimately skipped
1725	1	1=Yes
1097	2	2=No
9		Missing

HUE29		Request referral
N	Value	Description
6972	.S	Legitimately skipped
1232	1	1=Yes
1590	2	2=No
9		Missing

HUE30		Send message to doctor
N	Value	Description
6972	.S	Legitimately skipped
1340	1	1=Yes
1483	2	2=No
8		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

HUE31		Access medical records
N	Value	Description
6972	.S	Legitimately skipped
1878	1	1=Yes
943	2	2=No
10		Missing

HUE32		Someone helps you read hospital or clinic materials
N	Value	Description
4838	1	1= Never
921	2	2= Rarely
1578	3	3= Sometimes
698	4	4= Often
1723	5	5= Always
45		Missing

HUE33		Problems understanding medical condition from written materials
N	Value	Description
5306	1	1= Never
1275	2	2= Rarely
1937	3	3= Sometimes
553	4	4= Often
668	5	5= Always
64		Missing

HUE34		Confident filling out medical forms alone
N	Value	Description
3993	1	1= Extremely confident
2053	2	2= Quite a bit
1284	3	3= Somewhat
1430	4	4= A little
969	5	5= Not at all confident
74		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Personal Medical History: FORM CODE=MHE, VERSION=2

ID		HCHS Participant ID
N	Value	Description
9063	Present	Text suppressed

VISIT		Visit
N	Value	Description
9063	3	Visit 3

MHE0A		Completion Date
N	Value	Description
9059	Range	01/29/2020 - 02/28/2024
4		Missing

MHE0A_M		Month of Completion Date
N	Value	Description
9062	Range	1 - 12 (median=7 mean=6.6 std=3.3)
1		Missing

MHE0A_Y		Year of Completion Date
N	Value	Description
9062	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)
1		Missing

MHE1		Heart attack
N	Value	Description
8831	0	0=No
211	1	1=Yes
16	9	9=Unsure
5		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE2		Heart revascularization
N	Value	Description
8836	0	0=No
206	1	1=Yes
19	9	9=Unsure
2		Missing

MHE3		Angina
N	Value	Description
8811	0	0=No
239	1	1=Yes
12	9	9=Unsure
1		Missing

MHE4		Heart Failure
N	Value	Description
8852	0	0=No
175	1	1=Yes
34	9	9=Unsure
2		Missing

MHE5		Stroke
N	Value	Description
8935	0	0=No
118	1	1=Yes
9	9	9=Unsure
1		Missing

MHE6		TIA/mini stroke
N	Value	Description
8889	0	0=No
146	1	1=Yes
24	9	9=Unsure
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE7		Endarterectomy
N	Value	Description
9019	0	0=No
37	1	1=Yes
5	9	9=Unsure
2		Missing

MHE8		Aortic aneurysm
N	Value	Description
9013	0	0=No
32	1	1=Yes
17	9	9=Unsure
1		Missing

MHE9		Aortic repair
N	Value	Description
9024	0	0=No
22	1	1=Yes
13	9	9=Unsure
4		Missing

MHE10		PAD
N	Value	Description
8702	0	0=No
291	1	1=Yes
63	9	9=Unsure
7		Missing

MHE10A		Leg revascularization
N	Value	Description
8772	.S	Legitimately skipped
211	0	0=No
74	1	1=Yes
6	9	9=Unsure

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE10B		Amputation for PAD
N	Value	Description
8772	.S	Legitimately skipped
280	0	0=No
7	1	1=Yes
2	9	9=Unsure
2		Missing

MHE11		Liver disease
N	Value	Description
8595	0	0=No
428	1	1=Yes
38	9	9=Unsure
2		Missing

MHE11A		Hepatitis
N	Value	Description
8635	.S	Legitimately skipped
332	0	0=No
89	1	1=Yes
7		Missing

MHE11B		Hepatitis type
N	Value	Description
8974	.S	Legitimately skipped
13	1	1=Hepatitis A
13	2	2=Hepatitis B
40	3	3=Hepatitis C
21	9	9=Don't know
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE11C		Meds prescribed for Hep C
N	Value	Description
8974	.S	Legitimately skipped
40	0	0=No
40	1	1=Yes
8	9	9=Unsure
1		Missing

MHE11D		Cirrhosis
N	Value	Description
8635	.S	Legitimately skipped
365	0	0=No
57	1	1=Yes
6		Missing

MHE12		Gallstones
N	Value	Description
7824	0	0=No
1197	1	1=Yes
37	9	9=Unsure
5		Missing

MHE12A		Medical treatment for gallstones
N	Value	Description
7866	.S	Legitimately skipped
474	0	0=No
717	1	1=Yes
5	9	9=Unsure
1		Missing

MHE12B		Gallstone surgery
N	Value	Description
7866	.S	Legitimately skipped
312	0	0=No
871	1	1=Yes
4	9	9=Unsure
10		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE12C		Age gallstone surgery
N	Value	Description
828	Range	8 - 85 (median=46 mean=46.2 std=15.0)
8190	.S	Legitimately skipped
45		Missing

MHE13		Bariatric surgery
N	Value	Description
8821	0	0=No
230	1	1=Yes
0	9	9=Unsure
12		Missing

MHE13A		Age bariatric surgery
N	Value	Description
227	Range	22 - 73 (median=48 mean=46.4 std=10.2)
8833	.S	Legitimately skipped
3		Missing

MHE14		COPD/emphysema
N	Value	Description
8733	0	0=No
301	1	1=Yes
26	9	9=Unsure
3		Missing

MHE14A		COPD/emphysema medication change
N	Value	Description
8762	.S	Legitimately skipped
46	0	0=No
253	1	1=Yes
2	9	9=Unsure

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE15		Asthma
N	Value	Description
8449	0	0=No
591	1	1=Yes
18	9	9=Unsure
5		Missing

MHE15A		Asthma medication change
N	Value	Description
8472	.S	Legitimately skipped
43	0	0=No
546	1	1=Yes
1	9	9=Unsure
1		Missing

MHE16		Diabetes or high blood sugar
N	Value	Description
7229	0	0=No
1798	1	1=Yes
32	9	9=Unsure
4		Missing

MHE16A		Diabetes new or different treatment
N	Value	Description
7265	.S	Legitimately skipped
97	0	0=No
1693	1	1=Yes
1	9	9=Unsure
7		Missing

MHE16B1		Diabetes pills
N	Value	Description
7370	.S	Legitimately skipped
293	0	0=No
1400	1	1=Yes

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE16B2</i>		<i>Diabetes insulin alone</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
1519	0	0=No
173	1	1=Yes
1		Missing

<i>MHE16B3</i>		<i>Diabetes insulin and pills</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
1343	0	0=No
350	1	1=Yes

<i>MHE16B4</i>		<i>Diabetes referred for eye exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
748	0	0=No
943	1	1=Yes
2		Missing

<i>MHE16B5</i>		<i>Diabetes change diet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
483	0	0=No
1210	1	1=Yes

<i>MHE16B6</i>		<i>Diabetes stop smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
1378	0	0=No
291	1	1=Yes
24		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE16B7</i>		<i>Diabetes increase exercise</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
495	0	0=No
1198	1	1=Yes

<i>MHE16B8</i>		<i>Diabetes Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7370	.S	Legitimately skipped
1608	0	0=No
83	1	1=Yes
2		Missing

<i>MHE16B8A</i>		<i>Specify diabetes other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
82	Present	Text suppressed
8980	~	Legitimately skipped
1		Missing

<i>MHE17</i>		<i>High blood pressure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6287	0	0=No
2710	1	1=Yes
58	9	9=Unsure
8		Missing

<i>MHE17A</i>		<i>HBP new or different treatments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6353	.S	Legitimately skipped
146	0	0=No
2556	1	1=Yes
4	9	9=Unsure
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE17B1</i>		<i>HBP new meds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
538	0	0=No
2018	1	1=Yes

<i>MHE17B2</i>		<i>HBP increased dose meds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
2131	0	0=No
421	1	1=Yes
4		Missing

<i>MHE17B3</i>		<i>HBP lose weight</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
1350	0	0=No
1204	1	1=Yes
2		Missing

<i>MHE17B4</i>		<i>HBP change diet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
1014	0	0=No
1540	1	1=Yes
2		Missing

<i>MHE17B5</i>		<i>HBP stop smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
2165	0	0=No
360	1	1=Yes
31		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE17B6</i>		<i>HBP increase exercise</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
966	0	0=No
1587	1	1=Yes
3		Missing

<i>MHE17B7</i>		<i>HBP Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6507	.S	Legitimately skipped
2491	0	0=No
59	1	1=Yes
6		Missing

<i>MHE17B7A</i>		<i>HBP other specify</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
57	Present	Text suppressed
9004	~	Legitimately skipped
2		Missing

<i>MHE18</i>		<i>High cholesterol</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5686	0	0=No
3270	1	1=Yes
98	9	9=Unsure
9		Missing

<i>MHE18A</i>		<i>High cholesterol new or different treatments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5793	.S	Legitimately skipped
369	0	0=No
2896	1	1=Yes
2	9	9=Unsure
3		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE18B1</i>		<i>High cholesterol new meds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
787	0	0=No
2106	1	1=Yes
3		Missing

<i>MHE18B2</i>		<i>High cholesterol increased dose meds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
2702	0	0=No
188	1	1=Yes
6		Missing

<i>MHE18B3</i>		<i>High cholesterol lose weight</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
1588	0	0=No
1306	1	1=Yes
2		Missing

<i>MHE18B4</i>		<i>High cholesterol change diet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
873	0	0=No
2020	1	1=Yes
3		Missing

<i>MHE18B5</i>		<i>High cholesterol stop smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
2462	0	0=No
397	1	1=Yes
37		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE18B6</i>		<i>High cholesterol increase exercise</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
1102	0	0=No
1791	1	1=Yes
3		Missing

<i>MHE18B7</i>		<i>High cholesterol Other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6167	.S	Legitimately skipped
2837	0	0=No
51	1	1=Yes
8		Missing

<i>MHE18B7A</i>		<i>High cholesterol specify other</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
50	Present	Text suppressed
9012	~	Legitimately skipped
1		Missing

<i>MHE19</i>		<i>Foot or ankle edema day's end</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6876	0	0=No
2150	1	1=Yes
27	9	9=Unsure
10		Missing

<i>MHE20</i>		<i>Orthopnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8141	0	0=No
890	1	1=Yes
20	9	9=Unsure
12		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE21		Paroxysmal nocturnal dyspnea
N	Value	Description
8226	0	0=No
802	1	1=Yes
24	9	9=Unsure
11		Missing

MHE22		Difficult breathing when not active
N	Value	Description
8291	0	0=No
734	1	1=Yes
12	9	9=Unsure
26		Missing

MHE23A		Dementia
N	Value	Description
8954	0	0=No
96	1	1=Yes
13		Missing

MHE23B		Alzheimer's
N	Value	Description
8997	0	0=No
54	1	1=Yes
12		Missing

MHE23C		Vascular dementia
N	Value	Description
9021	0	0=No
19	1	1=Yes
23		Missing

MHE23D		Mild Cognitive Impairment
N	Value	Description
8986	0	0=No
52	1	1=Yes
25		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE23E		Parkinson's
N	Value	Description
9013	0	0=No
40	1	1=Yes
10		Missing

MHE23F		Brain tumor
N	Value	Description
8985	0	0=No
65	1	1=Yes
13		Missing

MHE24		Dialysis past 12 months
N	Value	Description
8995	0	0=No
53	1	1=Yes
15		Missing

MHE25		Kidney transplant past 12 months
N	Value	Description
9023	0	0=No
19	1	1=Yes
21		Missing

MHE26		Face pain past 12 months
N	Value	Description
8884	0	0=No
166	1	1=Yes
13		Missing

MHE27		Jaw joint pain past 12 months
N	Value	Description
8684	0	0=No
364	1	1=Yes
15		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MHE28		Frequency face/Jaw joint pain past 6 months
N	Value	Description
8625	.S	Legitimately skipped
20	0	0=Never
302	1	1=Some days
58	2	2=Most days
57	3	3=Every day
1		Missing

MHE29		Face/Jaw joint pain limit life or work activities past 6 months
N	Value	Description
8625	.S	Legitimately skipped
238	0	0=Never
147	1	1=Some days
23	2	2=Most days
29	3	3=Every day
1		Missing

MHE30		HIV test ever
N	Value	Description
4305	0	0=No
4281	1	1=Yes
2	7	7=Refuse to Answer
441	9	9=Unsure
34		Missing

MHE31		HIV positive result
N	Value	Description
4782	.S	Legitimately skipped
4181	0	0=No
83	1	1=Yes
0	7	7=Refuse to Answer
11	9	9=Unsure
6		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>MHE32_M</i>		<i>Month of Date most recent HIV test</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1534	Range	1 - 12 (median=6 mean=5.9 std=3.4)
7529		Missing

<i>MHE32_Y</i>		<i>Year of Date most recent HIV test</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3212	Range	1965 - 2023 (median=2019 mean=2015.0 std=8.9)
5851		Missing

<i>MHE33_M</i>		<i>Month of Date first positive HIV test</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
51	Range	1 - 12 (median=7 mean=7.0 std=3.0)
9012		Missing

<i>MHE33_Y</i>		<i>Year of Date first positive HIV test</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
75	Range	1980 - 2023 (median=2001 mean=2003.8 std=12.5)
8988		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Medication Use: FORM CODE=MUE_DERV, VERSION=1

VISIT		VISIT
N	Value	Description
9072	3	Visit 3

MUE1		Brought All Medications
N	Value	Description
6302	1	1= Yes, all of them
325	2	2= No, some of them
2445	3	3= No, none of them

MUE2		Reason Didn't Bring Meds
N	Value	Description
6627	.S	Legitimately skipped
2316	1	1= Took no medication
127	2	2= Forgot or was unable to bring medication
2		Missing

MUE3		Ok To Follow Up On Meds After Visit
N	Value	Description
8620	.S	Legitimately skipped
11	0	0= No or not applicable
436	1	1= Yes
5		Missing

MUE4A		Number of Medications
N	Value	Description
6603	Range	0 - 50 (median=4 mean=5.0 std=4.0)
2445	.S	Legitimately skipped
24		Missing

MUE5A		MUE5. Coded medication name
N	Value	Description
1876	Present	Text suppressed
7196		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE5B		MUE5. Uncoded medication name
N	Value	Description
5687	Present	Text suppressed
2471	~	Legitimately skipped
914		Missing

MUE5C		MUE5. Medication strength
N	Value	Description
6122	Present	Text suppressed
2471	~	Legitimately skipped
479		Missing

MUE5D		MUE5. Medication units
N	Value	Description
6013	Present	Text suppressed
2471	~	Legitimately skipped
588		Missing

MUE6A		MUE6. Coded medication name
N	Value	Description
1520	Present	Text suppressed
7552		Missing

MUE6B		MUE6. Uncoded medication name
N	Value	Description
4764	Present	Text suppressed
3557	~	Legitimately skipped
751		Missing

MUE6C		MUE6. Medication strength
N	Value	Description
5082	Present	Text suppressed
3557	~	Legitimately skipped
433		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE6D		MUE6. Medication units
N	Value	Description
4992	Present	Text suppressed
3557	~	Legitimately skipped
523		Missing

MUE7A		MUE7. Coded medication name
N	Value	Description
1224	Present	Text suppressed
7848		Missing

MUE7B		MUE7. Uncoded medication name
N	Value	Description
3918	Present	Text suppressed
4538	~	Legitimately skipped
616		Missing

MUE7C		MUE7. Medication strength
N	Value	Description
4142	Present	Text suppressed
4538	~	Legitimately skipped
392		Missing

MUE7D		MUE7. Medication units
N	Value	Description
4089	Present	Text suppressed
4538	~	Legitimately skipped
445		Missing

MUE8A		MUE8. Coded medication name
N	Value	Description
968	Present	Text suppressed
8104		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE8B		MUE8. Uncoded medication name
N	Value	Description
3208	Present	Text suppressed
5359	~	Legitimately skipped
505		Missing

MUE8C		MUE8. Medication strength
N	Value	Description
3349	Present	Text suppressed
5359	~	Legitimately skipped
364		Missing

MUE8D		MUE8. Medication units
N	Value	Description
3306	Present	Text suppressed
5359	~	Legitimately skipped
407		Missing

MUE9A		MUE9. Coded medication name
N	Value	Description
773	Present	Text suppressed
8299		Missing

MUE9B		MUE9. Uncoded medication name
N	Value	Description
2534	Present	Text suppressed
6113	~	Legitimately skipped
425		Missing

MUE9C		MUE9. Medication strength
N	Value	Description
2663	Present	Text suppressed
6113	~	Legitimately skipped
296		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE9D		MUE9. Medication units
N	Value	Description
2634	Present	Text suppressed
6113	~	Legitimately skipped
325		Missing

MUE10A		MUE10. Coded medication name
N	Value	Description
612	Present	Text suppressed
8460		Missing

MUE10B		MUE10. Uncoded medication name
N	Value	Description
1995	Present	Text suppressed
6737	~	Legitimately skipped
340		Missing

MUE10C		MUE10. Medication strength
N	Value	Description
2096	Present	Text suppressed
6737	~	Legitimately skipped
239		Missing

MUE10D		MUE10. Medication units
N	Value	Description
2059	Present	Text suppressed
6737	~	Legitimately skipped
276		Missing

MUE11A		MUE11. Coded medication name
N	Value	Description
477	Present	Text suppressed
8595		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE11B		MUE11. Uncoded medication name
N	Value	Description
1543	Present	Text suppressed
7244	~	Legitimately skipped
285		Missing

MUE11C		MUE11. Medication strength
N	Value	Description
1637	Present	Text suppressed
7244	~	Legitimately skipped
191		Missing

MUE11D		MUE11. Medication units
N	Value	Description
1601	Present	Text suppressed
7244	~	Legitimately skipped
227		Missing

MUE12A		MUE12. Coded medication name
N	Value	Description
340	Present	Text suppressed
8732		Missing

MUE12B		MUE12. Uncoded medication name
N	Value	Description
1154	Present	Text suppressed
7687	~	Legitimately skipped
231		Missing

MUE12C		MUE12. Medication strength
N	Value	Description
1212	Present	Text suppressed
7687	~	Legitimately skipped
173		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE12D		MUE12. Medication units
N	Value	Description
1182	Present	Text suppressed
7687	~	Legitimately skipped
203		Missing

MUE13A		MUE13. Coded medication name
N	Value	Description
268	Present	Text suppressed
8804		Missing

MUE13B		MUE13. Uncoded medication name
N	Value	Description
888	Present	Text suppressed
8004	~	Legitimately skipped
180		Missing

MUE13C		MUE13. Medication strength
N	Value	Description
942	Present	Text suppressed
8004	~	Legitimately skipped
126		Missing

MUE13D		MUE13. Medication units
N	Value	Description
917	Present	Text suppressed
8004	~	Legitimately skipped
151		Missing

MUE14A		MUE14. Coded medication name
N	Value	Description
194	Present	Text suppressed
8878		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE14B		MUE14. Uncoded medication name
N	Value	Description
670	Present	Text suppressed
8270	~	Legitimately skipped
132		Missing

MUE14C		MUE14. Medication strength
N	Value	Description
709	Present	Text suppressed
8270	~	Legitimately skipped
93		Missing

MUE14D		MUE14. Medication units
N	Value	Description
688	Present	Text suppressed
8270	~	Legitimately skipped
114		Missing

MUE15A		MUE15. Coded medication name
N	Value	Description
138	Present	Text suppressed
8934		Missing

MUE15B		MUE15. Uncoded medication name
N	Value	Description
491	Present	Text suppressed
8487	~	Legitimately skipped
94		Missing

MUE15C		MUE15. Medication strength
N	Value	Description
517	Present	Text suppressed
8487	~	Legitimately skipped
68		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE15D		MUE15. Medication units
N	Value	Description
507	Present	Text suppressed
8487	~	Legitimately skipped
78		Missing

MUE16A		MUE16. Coded medication name
N	Value	Description
119	Present	Text suppressed
8953		Missing

MUE16B		MUE16. Uncoded medication name
N	Value	Description
355	Present	Text suppressed
8630	~	Legitimately skipped
87		Missing

MUE16C		MUE16. Medication strength
N	Value	Description
380	Present	Text suppressed
8630	~	Legitimately skipped
62		Missing

MUE16D		MUE16. Medication units
N	Value	Description
366	Present	Text suppressed
8630	~	Legitimately skipped
76		Missing

MUE17A		MUE17. Coded medication name
N	Value	Description
91	Present	Text suppressed
8981		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE17B		MUE17. Uncoded medication name
N	Value	Description
271	Present	Text suppressed
8728	~	Legitimately skipped
73		Missing

MUE17C		MUE17. Medication strength
N	Value	Description
283	Present	Text suppressed
8728	~	Legitimately skipped
61		Missing

MUE17D		MUE17. Medication units
N	Value	Description
275	Present	Text suppressed
8728	~	Legitimately skipped
69		Missing

MUE18A		MUE18. Coded medication name
N	Value	Description
70	Present	Text suppressed
9002		Missing

MUE18B		MUE18. Uncoded medication name
N	Value	Description
201	Present	Text suppressed
8809	~	Legitimately skipped
62		Missing

MUE18C		MUE18. Medication strength
N	Value	Description
215	Present	Text suppressed
8809	~	Legitimately skipped
48		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE18D		MUE18. Medication units
N	Value	Description
206	Present	Text suppressed
8809	~	Legitimately skipped
57		Missing

MUE19A		MUE19. Coded medication name
N	Value	Description
56	Present	Text suppressed
9016		Missing

MUE19B		MUE19. Uncoded medication name
N	Value	Description
158	Present	Text suppressed
8858	~	Legitimately skipped
56		Missing

MUE19C		MUE19. Medication strength
N	Value	Description
166	Present	Text suppressed
8858	~	Legitimately skipped
48		Missing

MUE19D		MUE19. Medication units
N	Value	Description
162	Present	Text suppressed
8858	~	Legitimately skipped
52		Missing

MUE20A		MUE20. Coded medication name
N	Value	Description
42	Present	Text suppressed
9030		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE20B		MUE20. Uncoded medication name
N	Value	Description
117	Present	Text suppressed
8915	~	Legitimately skipped
40		Missing

MUE20C		MUE20. Medication strength
N	Value	Description
123	Present	Text suppressed
8915	~	Legitimately skipped
34		Missing

MUE20D		MUE20. Medication units
N	Value	Description
120	Present	Text suppressed
8915	~	Legitimately skipped
37		Missing

MUE21A		MUE21. Coded medication name
N	Value	Description
29	Present	Text suppressed
9043		Missing

MUE21B		MUE21. Uncoded medication name
N	Value	Description
87	Present	Text suppressed
8958	~	Legitimately skipped
27		Missing

MUE21C		MUE21. Medication strength
N	Value	Description
89	Present	Text suppressed
8958	~	Legitimately skipped
25		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE21D		MUE21. Medication units
N	Value	Description
84	Present	Text suppressed
8958	~	Legitimately skipped
30		Missing

MUE22A		MUE22. Coded medication name
N	Value	Description
20	Present	Text suppressed
9052		Missing

MUE22B		MUE22. Uncoded medication name
N	Value	Description
59	Present	Text suppressed
8991	~	Legitimately skipped
22		Missing

MUE22C		MUE22. Medication strength
N	Value	Description
65	Present	Text suppressed
8991	~	Legitimately skipped
16		Missing

MUE22D		MUE22. Medication units
N	Value	Description
64	Present	Text suppressed
8991	~	Legitimately skipped
17		Missing

MUE23A		MUE23. Coded medication name
N	Value	Description
14	Present	Text suppressed
9058		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE23B		MUE23. Uncoded medication name
N	Value	Description
46	Present	Text suppressed
9002	~	Legitimately skipped
24		Missing

MUE23C		MUE23. Medication strength
N	Value	Description
48	Present	Text suppressed
9002	~	Legitimately skipped
22		Missing

MUE23D		MUE23. Medication units
N	Value	Description
45	Present	Text suppressed
9002	~	Legitimately skipped
25		Missing

MUE24A		MUE24. Coded medication name
N	Value	Description
13	Present	Text suppressed
9059		Missing

MUE24B		MUE24. Uncoded medication name
N	Value	Description
34	Present	Text suppressed
9017	~	Legitimately skipped
21		Missing

MUE24C		MUE24. Medication strength
N	Value	Description
34	Present	Text suppressed
9017	~	Legitimately skipped
21		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE24D		MUE24. Medication units
N	Value	Description
33	Present	Text suppressed
9017	~	Legitimately skipped
22		Missing

MUE25A		MUE25. Coded medication name
N	Value	Description
11	Present	Text suppressed
9061		Missing

MUE25B		MUE25. Uncoded medication name
N	Value	Description
25	Present	Text suppressed
9031	~	Legitimately skipped
16		Missing

MUE25C		MUE25. Medication strength
N	Value	Description
28	Present	Text suppressed
9031	~	Legitimately skipped
13		Missing

MUE25D		MUE25. Medication units
N	Value	Description
27	Present	Text suppressed
9031	~	Legitimately skipped
14		Missing

MUE26A		Meds Past Four Weeks: Asthma
N	Value	Description
2319	.S	Legitimately skipped
5933	0	0= No
684	1	1= Yes
6	9	9= Unknown
130		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE26B		Meds Past Four Weeks: Chr Bronchitis or Emphysema
N	Value	Description
2319	.S	Legitimately skipped
6440	0	0= No
178	1	1= Yes
4	9	9= Unknown
131		Missing

MUE26C		Meds Past Four Weeks: High Blood Sugar or Diabetes
N	Value	Description
2319	.S	Legitimately skipped
4355	0	0= No
2265	1	1= Yes
4	9	9= Unknown
129		Missing

MUE26D		Meds Past Four Weeks: HBP or HTN
N	Value	Description
2319	.S	Legitimately skipped
2866	0	0= No
3743	1	1= Yes
12	9	9= Unknown
132		Missing

MUE26E		Meds Past Four Weeks: High Cholesterol
N	Value	Description
2319	.S	Legitimately skipped
3719	0	0= No
2875	1	1= Yes
28	9	9= Unknown
131		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE26F		Meds Past Four Weeks: CP or Angina
N	Value	Description
2319	.S	Legitimately skipped
6369	0	0= No
249	1	1= Yes
5	9	9= Unknown
130		Missing

MUE26G		Meds Past Four Weeks: Arrhythmia
N	Value	Description
2319	.S	Legitimately skipped
6211	0	0= No
378	1	1= Yes
34	9	9= Unknown
130		Missing

MUE26H		Meds Past Four Weeks: Heart Failure
N	Value	Description
2319	.S	Legitimately skipped
6483	0	0= No
117	1	1= Yes
22	9	9= Unknown
131		Missing

MUE26I		Meds Past Four Weeks: Blood Thinners
N	Value	Description
2319	.S	Legitimately skipped
5341	0	0= No
1243	1	1= Yes
35	9	9= Unknown
134		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE26J		Meds Past Four Weeks: Stroke
N	Value	Description
2319	.S	Legitimately skipped
6527	0	0= No
84	1	1= Yes
11	9	9= Unknown
131		Missing

MUE26K		Meds Past Four Weeks: TIA or Mini-Stroke
N	Value	Description
2319	.S	Legitimately skipped
6568	0	0= No
45	1	1= Yes
9	9	9= Unknown
131		Missing

MUE26L		Meds Past Four Weeks: Claudication
N	Value	Description
2319	.S	Legitimately skipped
5825	0	0= No
784	1	1= Yes
15	9	9= Unknown
129		Missing

MUE26M		Meds Past Four Weeks: Depression
N	Value	Description
2319	.S	Legitimately skipped
5656	0	0= No
961	1	1= Yes
7	9	9= Unknown
129		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

MUE26N		Meds Past Four Weeks: Anxiety
N	Value	Description
2319	.S	Legitimately skipped
5704	0	0= No
910	1	1= Yes
9	9	9= Unknown
130		Missing

MUE26O		Meds Past Four Weeks: Glaucoma
N	Value	Description
2319	.S	Legitimately skipped
6376	0	0= No
238	1	1= Yes
9	9	9= Unknown
130		Missing

MUE26P		Meds Past Four Weeks: Thyroid Disease
N	Value	Description
2319	.S	Legitimately skipped
5805	0	0= No
807	1	1= Yes
8	9	9= Unknown
133		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Neighborhood Description: FORM CODE=NDE, VERSION=3

ID		HCHS Participant ID
N	Value	Description
9800	Present	Text suppressed

VISIT		Visit
N	Value	Description
9800	3	Visit 3

NDE35		Blocks forming neighborhood
N	Value	Description
9347	Range	0 - 90 (median=5 mean=7.3 std=7.2)
453		Missing

NDE36		Years in neighborhood
N	Value	Description
9743	Range	0 - 78 (median=10 mean=13.2 std=11.4)
57		Missing

NDE36A		Months in neighborhood
N	Value	Description
9544	Range	0 - 11 (median=0 mean=1.1 std=2.5)
256		Missing

NDE37		Close-knit neighborhood
N	Value	Description
686	1	1= Strongly Agree
3986	2	2= Agree
2613	3	3= Neither agree nor disagree
2071	4	4= Disagree
364	5	5= Strongly Disagree
80		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

NDE38		Helpful neighbors
N	Value	Description
802	1	1= Strongly Agree
5472	2	2= Agree
1866	3	3= Neither agree nor disagree
1368	4	4= Disagree
225	5	5= Strongly Disagree
67		Missing

NDE39		Neighbors don't get along
N	Value	Description
174	1	1= Strongly Agree
1358	2	2= Agree
2554	3	3= Neither agree nor disagree
4984	4	4= Disagree
576	5	5= Strongly Disagree
154		Missing

NDE40		Neighbors trustworthy
N	Value	Description
616	1	1= Strongly Agree
4711	2	2= Agree
2491	3	3= Neither agree nor disagree
1600	4	4= Disagree
280	5	5= Strongly Disagree
102		Missing

NDE41		Neighbors don't share same values
N	Value	Description
341	1	1= Strongly Agree
2558	2	2= Agree
3307	3	3= Neither agree nor disagree
3050	4	4= Disagree
353	5	5= Strongly Disagree
191		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

NDE42		How safe do you feel
N	Value	Description
877	1	1= Not at all safe
695	2	2=
3660	3	3= Safe
1605	4	4=
2925	5	5= Very Safe
38		Missing

NDE43		Excessive noise
N	Value	Description
641	1	1= Very serious Problem
830	2	2= Somewhat serious problem
2410	3	3= Minor problem
5899	4	4= Not really a problem
20		Missing

NDE44		Heavy traffic
N	Value	Description
1002	1	1= Very serious Problem
1482	2	2= Somewhat serious problem
2421	3	3= Minor problem
4866	4	4= Not really a problem
29		Missing

NDE45		Lack access to adequate food
N	Value	Description
178	1	1= Very serious Problem
263	2	2= Somewhat serious problem
1368	3	3= Minor problem
7957	4	4= Not really a problem
34		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

NDE46		Lack access to parks
N	Value	Description
367	1	1= Very serious Problem
646	2	2= Somewhat serious problem
1605	3	3= Minor problem
7144	4	4= Not really a problem
38		Missing

NDE47		Trash and litter
N	Value	Description
643	1	1= Very serious Problem
821	2	2= Somewhat serious problem
1634	3	3= Minor problem
6679	4	4= Not really a problem
23		Missing

NDE48		No good sidewalks
N	Value	Description
311	1	1= Very serious Problem
636	2	2= Somewhat serious problem
1556	3	3= Minor problem
7269	4	4= Not really a problem
28		Missing

NDE49		Violence
N	Value	Description
649	1	1= Very serious Problem
1001	2	2= Somewhat serious problem
2401	3	3= Minor problem
5714	4	4= Not really a problem
35		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Participant Disability Screen: FORM CODE=PDE, VERSION=1

ID		HCHS Participant ID
N	Value	Description
9089	Present	Text suppressed

VISIT		Visit
N	Value	Description
9089	3	Visit 3

PDE0A		completion date
N	Value	Description
9088	Range	01/29/2020 - 01/31/2024
1		Missing

PDE0A_M		Month of completion date
N	Value	Description
9088	Range	1 - 12 (median=7 mean=6.6 std=3.3)
1		Missing

PDE0A_Y		Year of completion date
N	Value	Description
9088	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)
1		Missing

PDE1		Difficulty Hearing
N	Value	Description
8063	0	0=No
1025	1	1=Yes
1		Missing

PDE2		Difficulty Seeing
N	Value	Description
7888	0	0=No
1200	1	1=Yes
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>PDE3</i>		<i>Difficulty Concentrating</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7939	0	0=No
1148	1	1=Yes
2		Missing

<i>PDE4</i>		<i>Difficulty walking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7089	0	0=No
1996	1	1=Yes
4		Missing

<i>PDE5</i>		<i>Difficulty walking half mile</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7541	0	0=No
1527	1	1=Yes
21		Missing

<i>PDE6</i>		<i>Difficulty climbing 10 steps</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7400	0	0=No
1685	1	1=Yes
4		Missing

<i>PDE7</i>		<i>Difficulty dressing-bathing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8602	0	0=No
486	1	1=Yes
1		Missing

<i>PDE8</i>		<i>Difficulty doing errands</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8439	0	0=No
642	1	1=Yes
8		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Reproductive Medical History: FORM CODE=RME, VERSION=2

ID		HCHS Participant ID
N	Value	Description
5870	Present	Text suppressed

VISIT		Visit
N	Value	Description
5870	3	Visit 3

RME0A		Completion date
N	Value	Description
5870	Range	01/29/2020 - 03/26/2024

RME0A_M		Month of Completion date
N	Value	Description
5870	Range	1 - 12 (median=7 mean=6.7 std=3.3)

RME0A_Y		Year of Completion date
N	Value	Description
5870	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)

RME1		Natural period stop
N	Value	Description
1197	0	0=No
4637	1	1=Yes, I have no menstrual periods
11	2	2=Yes, but I have periods induced by hormones
1	7	7=Refused
20	9	9=Unsure
4		Missing

RME1A		Date most recent period
N	Value	Description
1068	Range	12/25/2001 - 01/18/2024
4652	.S	Legitimately skipped
150		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>RME1A_M</i>		<i>Month of Date most recent period</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1168	Range	1 - 12 (median=7 mean=6.7 std=3.4)
4702		Missing

<i>RME1A_Y</i>		<i>Year of Date most recent period</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1177	Range	1999 - 2024 (median=2022 mean=2022.0 std=1.5)
4693		Missing

<i>RME2</i>		<i>Age period stopped</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4475	Range	14 - 69 (median=49 mean=47.5 std=6.6)
1222	.S	Legitimately skipped
173		Missing

<i>RME3</i>		<i>Reason period stopped</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1222	.S	Legitimately skipped
3385	1	1=They stopped naturally
1107	2	2=Surgery to remove ovaries or uterus
21	3	3=Endometrial ablation
29	4	4=Radiation/chemotherapy
83	5	5=Other
1	7	7=Refused
19	9	9=Unsure
3		Missing

<i>RME3A</i>		<i>Other reason period stopped</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
82	Present	Text suppressed
5787	~	Legitimately skipped
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

RME4		Hysterectomy since last Visit
N	Value	Description
1222	.S	Legitimately skipped
3980	0	0=No
652	1	1=Yes
1	7	7=Refused
11	9	9=Unsure
4		Missing

RME4A		Age at hysterectomy
N	Value	Description
629	Range	20 - 84 (median=45 mean=46.2 std=9.6)
5218	.S	Legitimately skipped
23		Missing

RME5		Hormonal birth control or treatments
N	Value	Description
5450	0	0=No
400	1	1=Yes
0	7	7=Refused
12	9	9=Unsure
8		Missing

RME6A		Birth control pills
N	Value	Description
5470	.S	Legitimately skipped
209	0	0=Never
142	1	1=Ever
40	2	2=Current
5	9	9=Not Sure
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

RME6B		Birth control ring or patch
N	Value	Description
5470	.S	Legitimately skipped
344	0	0=Never
40	1	1=Ever
8	2	2=Current
4	9	9=Not Sure
4		Missing

RME6C		Depo-Provera shots
N	Value	Description
5470	.S	Legitimately skipped
325	0	0=Never
51	1	1=Ever
17	2	2=Current
3	9	9=Not Sure
4		Missing

RME6D		Birth control implants
N	Value	Description
5470	.S	Legitimately skipped
350	0	0=Never
25	1	1=Ever
19	2	2=Current
2	9	9=Not Sure
4		Missing

RME6E		Hormonal intrauterine device
N	Value	Description
5470	.S	Legitimately skipped
238	0	0=Never
62	1	1=Ever
95	2	2=Current
1	9	9=Not Sure
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>RME7</i>		<i>Pregnant since last Visit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5540	0	0=No
317	1	1=Yes
13		Missing

<i>RME8</i>		<i>Number of pregnancies</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
317	Range	1 - 7 (median=1 mean=1.6 std=1.0)
5553	.S	Legitimately skipped

<i>RME9</i>		<i>Number pregnancies over 24 weeks</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
315	Range	0 - 5 (median=1 mean=1.2 std=0.8)
5553	.S	Legitimately skipped
2		Missing

<i>RME10</i>		<i>Number of miscarriages</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
317	Range	0 - 5 (median=0 mean=0.5 std=0.8)
5553	.S	Legitimately skipped

<i>RME11</i>		<i>Live births</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
317	Range	0 - 5 (median=1 mean=1.2 std=0.8)
5553	.S	Legitimately skipped

<i>RME12</i>		<i>Stillborn births</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
316	Range	0 - 5 (median=0 mean=0.1 std=0.5)
5553	.S	Legitimately skipped
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>RME13B</i>		<i>HBP first diagnosed in pregnancy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
272	0	0=No
44	1	1=Yes
0	7	7=Refused
0	9	9=Not Sure
1		Missing

<i>RME13C</i>		<i>Preeclampsia or toxemia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
292	0	0=No
22	1	1=Yes
0	7	7=Refused
2	9	9=Not Sure
1		Missing

<i>RME13D</i>		<i>Seizures convulsions eclampsia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
312	0	0=No
4	1	1=Yes
0	7	7=Refused
0	9	9=Not Sure
1		Missing

<i>RME13E</i>		<i>Diabetes first diagnosed in pregnancy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
265	0	0=No
51	1	1=Yes
0	7	7=Refused
0	9	9=Not Sure
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>RME13F</i>		<i>Low birth weight baby</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
288	0	0=No
27	1	1=Yes
0	7	7=Refused
0	9	9=Not Sure
2		Missing

<i>RME13G</i>		<i>High birth weight baby</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
273	0	0=No
42	1	1=Yes
0	7	7=Refused
0	9	9=Not Sure
2		Missing

<i>RME13H</i>		<i>Premature birth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
279	0	0=No
34	1	1=Yes
0	7	7=Refused
2	9	9=Not Sure
2		Missing

<i>RME13I</i>		<i>Multiple birth</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5553	.S	Legitimately skipped
305	0	0=No
9	1	1=Yes
0	7	7=Refused
1	9	9=Not Sure
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Socio Economic/Occupation: FORM CODE=SEE, VERSION=2

ID		HCHS Participant ID
N	Value	Description
8976	Present	Text suppressed

VISIT		Visit
N	Value	Description
8976	3	Visit 3

SEE0A		Completion date
N	Value	Description
8976	Range	01/29/2020 - 04/20/2024

SEE0A_M		Month of Completion date
N	Value	Description
8976	Range	1 - 12 (median=7 mean=6.5 std=3.3)

SEE0A_Y		Year of Completion date
N	Value	Description
8976	Range	2020 - 2024 (median=2022 mean=2022.1 std=0.8)

SEE1		Income previous year
N	Value	Description
8902	Range	0 - 999999 (median=46000 mean=294589.1 std=423123.6)
74		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SEE1A		Income range previous year
N	Value	Description
6638	.S	Legitimately skipped
160	1	1=Less than \$10,000
177	2	2=10,001-\$15,000
121	3	3=\$15,001-\$20,000
113	4	4=\$20,001-\$25,000
88	5	5=\$25,001-\$30,000
73	6	6=\$30,001-\$35,000
50	7	7=\$35,001-\$40,000
35	8	8=\$40,001-\$45,000
33	9	9=\$45,001-\$50,000
30	10	10=\$50,001-\$55,000
21	11	11=\$55,001-\$60,000
15	12	12=\$60,001-\$65,000
17	13	13=\$65,001-\$70,000
25	14	14=\$70,001-\$80,000
29	15	15=\$80,001-\$100,000
20	16	16=\$100,001+
1270	99	99=Don't know/Refused
61		Missing

SEE2		People supported on income
N	Value	Description
8852	Range	0 - 32 (median=2 mean=2.4 std=1.4)
124		Missing

SEE3		Retired
N	Value	Description
5871	0	0=No
3068	1	1=Yes
37		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SEE3A		Year retired
N	Value	Description
2859	Range	1962 - 2023 (median=2014 mean=2012.1 std=8.9)
5907	.S	Legitimately skipped
210		Missing

SEE4		Paid employment past 12 months
N	Value	Description
4263	0	0=No
4695	1	1=Yes
18		Missing

SEE5		Months worked past 12 months
N	Value	Description
4663	Range	1 - 12 (median=12 mean=10.5 std=2.8)
4281	.S	Legitimately skipped
32		Missing

SEE6		Full time jobs past 12 months
N	Value	Description
4684	Range	0 - 38 (median=1 mean=0.8 std=0.9)
4281	.S	Legitimately skipped
11		Missing

SEE6A		Hours worked per week at full time jobs
N	Value	Description
3573	Range	1 - 98 (median=40 mean=41.5 std=8.6)
5342	.S	Legitimately skipped
61		Missing

SEE6B		Number full time employees at primary employer
N	Value	Description
5342	.S	Legitimately skipped
591	1	1=I am self-employed and have no full-time employees.
1462	2	2=Under 50. I work for a small business
1533	3	3=50 or more. I work for a large company
48		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SEE7		Part time jobs past 12 months
N	Value	Description
4668	Range	0 - 12 (median=0 mean=0.4 std=0.7)
4281	.S	Legitimately skipped
27		Missing

SEE7A		Hours worked per week at part time jobs
N	Value	Description
1418	Range	0 - 72 (median=20 mean=19.1 std=9.6)
7528	.S	Legitimately skipped
30		Missing

SEE8		Looked for work past 12 months
N	Value	Description
4713	.S	Legitimately skipped
3963	0	0=No
293	1	1=Yes
7		Missing

SEE8A		How long looked for work past 12 months
N	Value	Description
281	Range	1 - 20 (median=6 mean=6.5 std=4.1)
8683	.S	Legitimately skipped
12		Missing

SEE8A1		Days/Months
N	Value	Description
8683	.S	Legitimately skipped
19	1	1=Days
263	3	3=Months
11		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SEE9		Reason didn't work for pay past 12 months
N	Value	Description
4713	.S	Legitimately skipped
1731	1	1=Retired
20	2	2=Going to school
736	3	3=Homemaker
532	4	4=Unable to work for health reasons
822	5	5=Disabled
158	6	6=On lay off/unemployed
235	7	7=Other
29		Missing

SEE9A		Specify other reason didn't work for pay past 12 months
N	Value	Description
227	Present	Text suppressed
8741	~	Legitimately skipped
8		Missing

SEE10		Education or training since LAST visit
N	Value	Description
8030	0	0=No
918	1	1=Yes
28		Missing

SEE11		Highest education level achieved
N	Value	Description
8058	.S	Legitimately skipped
19	1	1= Elementary/primary school (includes grades 1 - 5)
28	2	2= Middle school/junior high (includes grades 6 - 8)
133	3	3= High School/preparatory school/GED
179	4	4= Trade school/vocational school
390	5	5= University/college
169	6	6= Other

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SEE11A		Specify other education level
N	Value	Description
168	Present	Text suppressed
8807	~	Legitimately skipped
1		Missing

SEE12A		SNAP
N	Value	Description
5560	0	0=No
3382	1	1=Yes
34		Missing

SEE12B		TANF
N	Value	Description
8752	0	0=No
174	1	1=Yes
50		Missing

SEE12C		SSI
N	Value	Description
7040	0	0=No
1883	1	1=Yes
53		Missing

SEE12D		Section 8
N	Value	Description
7938	0	0=No
1005	1	1=Yes
33		Missing

SEE12E		Other assistance program
N	Value	Description
8491	0	0=No
453	1	1=Yes
32		Missing

SEE12E1		Specify other assistance program
N	Value	Description
449	Present	Text suppressed
8523	~	Legitimately skipped
4		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Sensitive Information: FORM CODE=SIE, VERSION=3

ID		HCHS Participant ID
N	Value	Description
8982	Present	Text suppressed

VISIT		Visit
N	Value	Description
8982	3	Visit 3

SIE0C		Completion date
N	Value	Description
5595	Range	10/19/2021 - 01/31/2024
3387		Missing

SIE0C_M		Month of Completion date
N	Value	Description
5595	Range	1 - 12 (median=7 mean=6.7 std=3.2)
3387		Missing

SIE0C_Y		Year of Completion date
N	Value	Description
5595	Range	2021 - 2024 (median=2022 mean=2022.5 std=0.5)
3387		Missing

SIE68		Slow thinking
N	Value	Description
210	1	1=Very often (Several times a day)
389	2	2=Often (about once a day)
1728	3	3=Sometimes (Two or three times)
1704	4	4=Rarely (Once)
4937	5	5=Never
14		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE69		Brain not working well
N	Value	Description
125	1	1=Very often (Several times a day)
226	2	2=Often (about once a day)
1397	3	3=Sometimes (Two or three times)
1385	4	4=Rarely (Once)
5841	5	5=Never
8		Missing

SIE70		Work harder to keep track
N	Value	Description
181	1	1=Very often (Several times a day)
380	2	2=Often (about once a day)
1690	3	3=Sometimes (Two or three times)
1410	4	4=Rarely (Once)
5316	5	5=Never
5		Missing

SIE71		Trouble shifting activities
N	Value	Description
139	1	1=Very often (Several times a day)
239	2	2=Often (about once a day)
1287	3	3=Sometimes (Two or three times)
1238	4	4=Rarely (Once)
6058	5	5=Never
21		Missing

SIE72		Feel left out
N	Value	Description
6673	1	1= Never
765	2	2= Rarely
1224	3	3= Sometimes
158	4	4= Usually
146	5	5= Always
16		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE73		People don't know me
N	Value	Description
6477	1	1= Never
851	2	2= Rarely
1223	3	3= Sometimes
210	4	4= Usually
208	5	5= Always
13		Missing

SIE74		Feel isolated
N	Value	Description
6751	1	1= Never
615	2	2= Rarely
1175	3	3= Sometimes
225	4	4= Usually
211	5	5= Always
5		Missing

SIE75		People not with me
N	Value	Description
6331	1	1= Never
682	2	2= Rarely
1454	3	3= Sometimes
240	4	4= Usually
264	5	5= Always
11		Missing

SIE76		Ongoing health problem
N	Value	Description
7684	0	0= No
1291	1	1= Yes
7		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE76A		Health problem >6 months
N	Value	Description
7691	.S	Legitimately skipped
113	0	0= No
1177	1	1= Yes
1		Missing

SIE76B		Health problem stress level
N	Value	Description
7691	.S	Legitimately skipped
106	1	1= Not very stressful
449	2	2= Moderately stressful
733	3	3= Very stressful
3		Missing

SIE77		Other's ongoing health problem
N	Value	Description
6660	0	0= No
2311	1	1= Yes
11		Missing

SIE77A		Other's health problem >6 months
N	Value	Description
6671	.S	Legitimately skipped
356	0	0= No
1951	1	1= Yes
4		Missing

SIE77B		Other's health problem stress level
N	Value	Description
6671	.S	Legitimately skipped
264	1	1= Not very stressful
903	2	2= Moderately stressful
1142	3	3= Very stressful
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE78		Work problem
N	Value	Description
8207	0	0= No
702	1	1= Yes
73		Missing

SIE78A		Work problem >6 months
N	Value	Description
8280	.S	Legitimately skipped
116	0	0= No
586	1	1= Yes

SIE78B		Work problem stress level
N	Value	Description
8280	.S	Legitimately skipped
46	1	1= Not very stressful
259	2	2= Moderately stressful
396	3	3= Very stressful
1		Missing

SIE79		Financial problem
N	Value	Description
7123	0	0= No
1840	1	1= Yes
19		Missing

SIE79A		Financial problem >6 months
N	Value	Description
7142	.S	Legitimately skipped
332	0	0= No
1506	1	1= Yes
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE79B		Financial problem stress level
N	Value	Description
7142	.S	Legitimately skipped
155	1	1= Not very stressful
710	2	2= Moderately stressful
972	3	3= Very stressful
3		Missing

SIE80		Relationship problem
N	Value	Description
7549	0	0= No
1422	1	1= Yes
11		Missing

SIE80A		Relationship problem >6 months
N	Value	Description
7560	.S	Legitimately skipped
314	0	0= No
1106	1	1= Yes
2		Missing

SIE80B		Relationship problem stress level
N	Value	Description
7560	.S	Legitimately skipped
152	1	1= Not very stressful
513	2	2= Moderately stressful
755	3	3= Very stressful
2		Missing

SIE81		Other's drug/alcohol problem
N	Value	Description
7881	0	0= No
1078	1	1= Yes
23		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE81A		Other's drug/alcohol problem >6 months
N	Value	Description
7904	.S	Legitimately skipped
102	0	0= No
974	1	1= Yes
2		Missing

SIE81B		Other's drug/alcohol problem stress level
N	Value	Description
7904	.S	Legitimately skipped
169	1	1= Not very stressful
346	2	2= Moderately stressful
563	3	3= Very stressful

SIE82		Caregiving problem
N	Value	Description
6417	0	0= No
2551	1	1= Yes
14		Missing

SIE82A		Caregiving problem >6 months
N	Value	Description
6431	.S	Legitimately skipped
711	0	0= No
1838	1	1= Yes
2		Missing

SIE82B		Caregiving problem stress level
N	Value	Description
6431	.S	Legitimately skipped
729	1	1= Not very stressful
994	2	2= Moderately stressful
826	3	3= Very stressful
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE83		Other Problem
N	Value	Description
8679	0	0= No
290	1	1= Yes
13		Missing

SIE83A		Specify Other problem
N	Value	Description
285	Present	Text suppressed
8692	~	Legitimately skipped
5		Missing

SIE83B		Other problem >6 months
N	Value	Description
8692	.S	Legitimately skipped
42	0	0= No
246	1	1= Yes
2		Missing

SIE83C		Other problem stress level
N	Value	Description
8692	.S	Legitimately skipped
18	1	1= Not very stressful
102	2	2= Moderately stressful
167	3	3= Very stressful
3		Missing

SIE84		Stress with English
N	Value	Description
5150	1	1= No stress
2575	2	2= A Little stress
521	3	3= Moderate amount of Stress
391	4	4= A lot of stress
277	5	5= Severe stress
68		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE85		Stress with documentation
N	Value	Description
7154	1	1= No stress
991	2	2= A Little stress
278	3	3= Moderate amount of Stress
256	4	4= A lot of stress
191	5	5= Severe stress
112		Missing

SIE86		Stress because job with no paid sick days/leave
N	Value	Description
7133	1	1= No stress
1049	2	2= A Little stress
251	3	3= Moderate amount of Stress
236	4	4= A lot of stress
126	5	5= Severe stress
187		Missing

SIE87		Stress because fear of deportation
N	Value	Description
6966	1	1= No stress
1180	2	2= A Little stress
292	3	3= Moderate amount of Stress
284	4	4= A lot of stress
174	5	5= Severe stress
86		Missing

SIE88		Unfairly treated because Hispanic/Latino
N	Value	Description
6207	0	0= Never
2449	1	1= Sometimes
202	2	2= Often
92	3	3= Always
32		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE89		Bounce back quickly
N	Value	Description
2193	1	1= Strongly Agree
5199	2	2= Agree
651	3	3= Neutral
780	4	4=Disagree
121	5	5= Strongly Disagree
38		Missing

SIE90		Hard recovering from stressful events
N	Value	Description
633	1	1= Strongly Agree
2880	2	2= Agree
1049	3	3= Neutral
3733	4	4=Disagree
632	5	5= Strongly Disagree
55		Missing

SIE91		Quick recovery from stressful event
N	Value	Description
1329	1	1= Strongly Agree
5158	2	2= Agree
697	3	3= Neutral
1551	4	4=Disagree
205	5	5= Strongly Disagree
42		Missing

SIE92		Hard to snap back
N	Value	Description
529	1	1= Strongly Agree
2280	2	2= Agree
869	3	3= Neutral
4547	4	4=Disagree
712	5	5= Strongly Disagree
45		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE93		<i>Come through with little trouble</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1039	1	1= Strongly Agree
5097	2	2= Agree
942	3	3= Neutral
1671	4	4=Disagree
187	5	5= Strongly Disagree
46		Missing

SIE94		<i>Long recovery after setbacks</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
474	1	1= Strongly Agree
2112	2	2= Agree
860	3	3= Neutral
4772	4	4=Disagree
714	5	5= Strongly Disagree
50		Missing

SIE95		<i>Little interest in doing things</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5935	0	0= Not at all
2141	1	1= Several days
390	2	2= More than half the days
484	3	3= Nearly every day
32		Missing

SIE96		<i>Feeling down</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5992	0	0= Not at all
2187	1	1= Several days
369	2	2= More than half the days
394	3	3= Nearly every day
40		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE97		<i>Trouble sleeping</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4894	0	0= Not at all
2415	1	1= Several days
504	2	2= More than half the days
1139	3	3= Nearly every day
30		Missing

SIE98		<i>Feeling tired</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3844	0	0= Not at all
3536	1	1= Several days
634	2	2= More than half the days
932	3	3= Nearly every day
36		Missing

SIE99		<i>Poor appetite or overeating</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5521	0	0= Not at all
2201	1	1= Several days
483	2	2= More than half the days
738	3	3= Nearly every day
39		Missing

SIE100		<i>Feeling bad about self</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7158	0	0= Not at all
1272	1	1= Several days
227	2	2= More than half the days
289	3	3= Nearly every day
36		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SIE101		Trouble concentrating
N	Value	Description
7005	0	0= Not at all
1331	1	1= Several days
242	2	2= More than half the days
366	3	3= Nearly every day
38		Missing

SIE102		Feeling slow or restless
N	Value	Description
7318	0	0= Not at all
1129	1	1= Several days
210	2	2= More than half the days
283	3	3= Nearly every day
42		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Sexuality and Gender Identity Part 1: FORM CODE=SME_DERV, VERSION=1

VISIT		VISIT
N	Value	Description
8902	3	Visit 3

SME0A		Completion Date
N	Value	Description
8861	Range	01/25/2021 - 02/08/2024
41		Missing

SME0A_M		Month Of Completion Date
N	Value	Description
8861	Range	1 - 12 (median=7 mean=6.7 std=3.3)
41		Missing

SME0A_Y		Year Of Completion Date
N	Value	Description
8861	Range	2021 - 2024 (median=2022 mean=2022.0 std=0.8)
41		Missing

SME103R		Sex Assigned at Birth Recoded
N	Value	Description
5773	0	0 = Female
3110	1	1 = Male
19		Missing

SME104		Current gender – THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
3090	1	1 = Man (including trans man)
5731	2	2 = Woman (including trans woman)
11	3	3 = Gender non-binary
9	4	4 = Some other identity
61		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SME105		Age Identify Current Gender
N	Value	Description
8668	Range	0 - 99 (median=0 mean=3.9 std=11.5)
234		Missing

SME106		DSD/intersex condition – THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
8836	0	0 = No
4	1	1 = Yes
4	8	8 = Don't know
58		Missing

SME107		Attracted To Same Sex
N	Value	Description
8519	0	0 = No
305	1	1 = Yes
15	8	8 = Don't know
63		Missing

SME107A		Age Attracted To Same Sex
N	Value	Description
299	Range	0 - 98 (median=15 mean=20.0 std=19.2)
8556	.S	Legitimately skipped
47		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Sexuality and Gender Identity Part 2: FORM CODE=SOE_DERV, VERSION=1

VISIT		VISIT
N	Value	Description
8499	3	Visit 3

SOE0A		Completion Date
N	Value	Description
8457	Range	01/13/2021 - 06/01/2024
42		Missing

SOE0A_M		Month Of Completion Date
N	Value	Description
8457	Range	1 - 12 (median=7 mean=6.8 std=3.4)
42		Missing

SOE0A_Y		Year Of Completion Date
N	Value	Description
8457	Range	2021 - 2024 (median=2022 mean=2022.1 std=0.8)
42		Missing

SOE108R		Sexual Attraction Recoded
N	Value	Description
2873	1	1 = Only attracted to females, never males
42	2	2 = Mostly attracted to females, and at least once to a male
59	3	3 = Attracted about equally often to females and to males
115	4	4 = Mostly attracted to males and at least once to a female
5291	5	5 = Only attracted to males, never females
54	6	6 = Never felt sexually attracted to anyone
65		Missing

Section C: Questionnaire Forms

<i>SOE109</i>		<i>Romantic Partners</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5383	1	1 = Males only
2866	2	2 = Females only
132	3	3 = Males and Females
32	4	4 = I have not had romantic relationships
0	5	5 = Other genders
13	8	8 = Don't know
73		Missing

<i>SOE110R</i>		<i>Sexual Orientation Recoded</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8148	1	1 = Straight/ Heterosexual
39	2	2 = Lesbian
64	3	3 = Gay
61	4	4 = Bisexual
19	5	5 = Other
168		Missing

<i>SOE110A</i>		<i>Sexual orientation supplement - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7	1	1=You identify with another label such as queer/pansexual/same gender loving/two spirit
7	2	2=You have not figured out or are in the process of figuring out your sexuality
2	3	3=You do not think of yourself as having sexuality
14	4	4=You do not use labels to identify yourself
82	5	5=You don't understand the words or terms used
8335	.S	Legitimately skipped
52		Missing

<i>SOE111R</i>		<i>Consider self transgender recoded - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8444	1	1=No
2	2	2=Yes, Transgender, male-to-female
2	3	3=Yes, Transgender, female-to-male
0	4	4=Yes, Transgender, gender non-binary
51		Missing/Don't Know/Not Sure

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

SOE112R		Had sex with past 12 months recoded - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
3325	1	1=A man or men only
2568	2	2=A woman or women only
10	3	3=Both a man or men and a woman or women
2544	4	4=I have not had sex
4	5	5=Other genders
48		Missing

SOE113		taken hormones - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
27	0	0 = No
1	1	1 = Yes
0	8	8 = Don't know
8418	.S	Legitimately skipped
53		Missing

SOE113A		age start hormone treatment - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
1	Range	21 - 21 (median=21 mean=21.0 std=)
8457	.S	Legitimately skipped
41		Missing

SOE114		Currently taking hormones - THIS VARIABLE IS NOT RELEASED DUE TO SMALL CELL SIZES
N	Value	Description
0	0	0 = No
1	1	1 = Yes
0	8	8 = Don't know
8457	.S	Legitimately skipped
41		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

Tobacco Use: FORM CODE=TBE, VERSION=2

ID		HCHS Participant ID
N	Value	Description
9062	Present	Text suppressed

VISIT		Visit
N	Value	Description
9062	3	Visit 3

TBE0A		Completion Date
N	Value	Description
9059	Range	01/29/2020 - 01/31/2024
3		Missing

TBE0A_M		Month of Completion Date
N	Value	Description
9061	Range	1 - 12 (median=7 mean=6.6 std=3.3)
1		Missing

TBE0A_Y		Year of Completion Date
N	Value	Description
9062	Range	2020 - 2024 (median=2022 mean=2022.0 std=0.8)

TBE1		Smoked 100 cigarettes
N	Value	Description
5991	0	0=No
3064	1	1=Yes
7		Missing

TBE2		Current smoking status
N	Value	Description
5998	.S	Legitimately skipped
674	1	1=Daily
351	2	2=Some days
2039	3	3=Not at all

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>TBE3</i>		<i>Daily smoker cigs per day now</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
669	Range	0 - 60 (median=8 mean=9.2 std=7.0)
8388	.S	Legitimately skipped
5		Missing

<i>TBE3A1</i>		<i>Daily hrs first cig</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
654	Range	0 - 30 (median=1 mean=1.8 std=2.9)
8388	.S	Legitimately skipped
20		Missing

<i>TBE3A2</i>		<i>Daily min first cig</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
635	Range	0 - 59 (median=1 mean=8.9 std=12.6)
8388	.S	Legitimately skipped
39		Missing

<i>TBE4</i>		<i>Sometime smoker days smoked in last 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
349	Range	0 - 30 (median=6 mean=9.9 std=9.3)
8711	.S	Legitimately skipped
2		Missing

<i>TBE4A</i>		<i>Sometime smoker cigs per day in last 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
303	Range	0 - 30 (median=2 mean=3.3 std=3.3)
8741	.S	Legitimately skipped
18		Missing

<i>TBE4B1</i>		<i>Some days hrs first cig</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
322	Range	0 - 18 (median=5 mean=5.8 std=4.6)
8711	.S	Legitimately skipped
29		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>TBE4B2</i>		<i>Some days min first cig</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
294	Range	0 - 60 (median=0 mean=3.0 std=9.2)
8711	.S	Legitimately skipped
57		Missing

<i>TBE5</i>		<i>Age stopped smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2009	Range	5 - 85 (median=40 mean=41.3 std=14.1)
7023	.S	Legitimately skipped
30		Missing

<i>TBE6</i>		<i>Reason quit smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7023	.S	Legitimately skipped
154	1	1=Advice of physician
1039	2	2=Health reasons, self-initiated, including disease prevention
118	3	3=Pressure from others, excluding physician
722	4	4=Other
6		Missing

<i>TBE6A</i>		<i>Other reason quit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
714	Present	Text suppressed
8340	~	Legitimately skipped
8		Missing

<i>TBE7</i>		<i>Prescribed cessation aid use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5998	.S	Legitimately skipped
2694	0	0=No
49	1	1=Yes, currently using
313	2	2=Yes, past use
8		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>TBE8</i>		<i>OTC cessation aid use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5998	.S	Legitimately skipped
2769	0	0=No
30	1	1=Yes, currently using
263	2	2=Yes, past use
2		Missing

<i>TBE9</i>		<i>Therapy cessation aid use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5998	.S	Legitimately skipped
2996	0	0=No
64	1	1=Yes
4		Missing

<i>TBE10</i>		<i>Entire average cigs per day</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2999	Range	0 - 90 (median=6 mean=10.0 std=10.5)
5998	.S	Legitimately skipped
65		Missing

<i>TBE11</i>		<i>Hookah used ever</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8365	0	0=No
692	1	1=Yes
5		Missing

<i>TBE11A</i>		<i>Hookah used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8370	.S	Legitimately skipped
621	0	0=No
69	1	1=Yes
2		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>TBE11A1</i>		<i>Days hookah used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
67	Range	1 - 30 (median=1 mean=2.7 std=5.0)
8993	.S	Legitimately skipped
2		Missing

<i>TBE12</i>		<i>Chew tobacco used ever</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8898	0	0=No
154	1	1=Yes
10		Missing

<i>TBE12A</i>		<i>Chew tobacco used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8908	.S	Legitimately skipped
138	0	0=No
11	1	1=Yes
5		Missing

<i>TBE12A1</i>		<i>Days chew used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	Range	1 - 30 (median=17 mean=16.2 std=14.6)
9051	.S	Legitimately skipped
1		Missing

<i>TBE13</i>		<i>E-cig used ever</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8390	0	0=No
665	1	1=Yes
7		Missing

<i>TBE13A</i>		<i>E-cig used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8397	.S	Legitimately skipped
509	0	0=No
151	1	1=Yes
5		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

<i>TBE13A1</i>		<i>Days E-cig used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
148	Range	1 - 30 (median=5 mean=11.6 std=12.0)
8911	.S	Legitimately skipped
3		Missing

<i>TBE13A2</i>		<i>Used e-cig to quit smoking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8911	.S	Legitimately skipped
86	0	0=No
63	1	1=Yes
2		Missing

<i>TBE14</i>		<i>Cigars used ever</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7758	0	0=No
1292	1	1=Yes
12		Missing

<i>TBE14A</i>		<i>Cigars used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7770	.S	Legitimately skipped
1114	0	0=No
170	1	1=Yes
8		Missing

<i>TBE14A1</i>		<i>Days cigars used past 30d</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
169	Range	1 - 30 (median=2 mean=8.4 std=10.9)
8892	.S	Legitimately skipped
1		Missing

Chapter 1: Visit 3 Examination

Section C: Questionnaire Forms

TBE15		People in home smoking
N	Value	Description
7836	0	0=None
990	1	1=1 person
187	2	2=2 people
26	3	3=3 people
19	4	4=4 or more people
4		Missing

TBE16		Hrs/week close to smokers
N	Value	Description
8877	Range	0 - 168 (median=0 mean=1.9 std=8.9)
185		Missing

TBE17A		Exposed to smoke in home
N	Value	Description
8458	0	0=No
600	1	1=Yes
4		Missing

TBE17B		Exposed to smoke at work
N	Value	Description
8469	0	0=No
560	1	1=Yes
33		Missing

TBE17C		Exposed to smoke in car
N	Value	Description
8706	0	0=No
350	1	1=Yes
6		Missing

TBE17D		Exposed to smoke in public
N	Value	Description
6983	0	0=No
2066	1	1=Yes
13		Missing

Chapter 2: Laboratory and Reading Centers

Section A: Laboratory Reading Centers

Lab Measurements: FORM CODE=LAB, VERSION=2

ID		HCHS Participant ID
N	Value	Description
8994	Present	Text suppressed

VISIT		Visit
N	Value	Description
8994	3	Visit 3

LABA66		Cholesterol, Total (mg/dL)
N	Value	Description
8990	Range	67 - 580 (median=184 mean=186.6 std=43.4)
4		Missing

LABA68		HDL-cholesterol (mg/dL)
N	Value	Description
8988	Range	15 - 150 (median=50 mean=52.2 std=14.2)
6		Missing

LABA69		LDL-cholesterol (mg/dL)
N	Value	Description
8862	Range	4 - 392 (median=106 mean=107.6 std=37.2)
132		Missing

LABA70		Glucose, fasting (mg/dL)
N	Value	Description
8941	Range	48 - 690 (median=103 mean=115.5 std=40.8)
53		Missing

LABA72		Glycosylated Hemoglobin (%)
N	Value	Description
8966	Range	3.2 - 16.4 (median=5.8 mean=6.21 std=1.37)
28		Missing

Chapter 2: Laboratory and Reading Centers

Section A: Laboratory Reading Centers

LABA107		TG Triglycerides (mg/dL)
N	Value	Description
8987	Range	26 - 4164 (median=116 mean=135.7 std=98.2)
7		Missing

Chapter 3: Derived Variables

Section A: Derived Files

Visit 3 Participant Derived File: FORM CODE=PART_DERV, VERSION=1

WEIGHT_EXPANDED_ ALL_V3		HCHS V3 Expanded Census 2010 Final Calibrated Trimmed Nonresponse Adjusted Final Weights (frozen as of 09/2024)
N	Value	Description
9864	Range	3.7451995175 - 698.70536481 (median=40.835072579 mean=66.4482968370 std=75.3785088521)

WEIGHT_EXPANDED_ EXAMONLY_V3		HCHS V3 EXAMONLY Expanded Census 2010 Final Calibrated Trimmed Nonresponse Adjusted Final Weights (frozen as of 09/2024)
N	Value	Description
9090	Range	4.1635743155 - 909.69434042 (median=42.830547644 mean=72.1062706271 std=85.0752143281)
774		Missing

WEIGHT_NORM_OVE RALL_ALL_V3		HCHS V3 Overall Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights (frozen as of 09/2024)
N	Value	Description
9864	Range	0.0563626112 - 10.515022929 (median=0.6145390405 mean=1.00000000000 std=1.13439339216)

WEIGHT_NORM_OVE RALL_EXAMONLY_V3		HCHS V3 EXAMONLY Overall Normalized Census 2010 Calibrated Trimmed NonResponse Adjusted Final Weights (frozen as of 09/2024)
N	Value	Description
9090	Range	0.0577421947 - 12.616022608 (median=0.5939919964 mean=1.00000000000 std=1.17985874998)
774		Missing

WEIGHT_NORM_CEN TER_ALL_V3		HCHS V3 Center Normalized, Census 2010 Calibrated Trimmed NonResponse Adjusted Weights (frozen as of 09/2024)
N	Value	Description
9864	Range	0.051444334 - 10.099379219 (median=0.613267319 mean=1.00000000000 std=1.0673728819)

WEIGHT_NORM_CEN TER_EXAMONLY_V3		HCHS V3 EXAMONLY Center Normalized, Census 2010 Calibrated Trimmed NonResponse Adjusted Weights (frozen as of 09/2024)
N	Value	Description
9090	Range	0.0512318093 - 11.860393761 (median=0.6028677388 mean=1.00000000000 std=1.10162930417)
774		Missing

PARTICIPANT_EXAM ONLY_V3		Participants With In-Person Exam Component
N	Value	Description
774	0	No
9090	1	Yes

Chapter 3: Derived Variables

Section A: Derived Files

<i>PHONE_EXAM_CONV ERT_V3</i>		<i>Converted From Phone Only to In-Person Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
774	0	No
6405	1	Yes
2685		Missing

<i>VISIT_TYPE_V3</i>		<i>Visit 3 Visit Types: 1-Clinic, 2-Home, 3-Phone Only</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8718	1	Clinic
372	2	Home
774	3	Phone only

<i>HOMEVISIT_V3</i>		<i>Visit 3 Home Visit</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9492	0	No
372	1	Yes

<i>CLINDATE_V3</i>		<i>Visit 3 Clinic Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9864	Range	01/29/2020 - 01/31/2024

<i>ANY_PERMIT_V3</i>		<i>Any Permission for Public Use of Data, Based on ICT3 and ICT5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1020	0	No
8844	1	Yes

<i>DURATION_V3</i>		<i>Difference Between Arrival Time and Exit Exam Time (Hrs)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8932	Range	0.5 - 7.3333333333 (median=3 mean=3.1 std=0.9)
932		Missing

<i>YRS_BTWN_V1V3</i>		<i>Elapsed Time between Visits 1 and 3 (Yrs)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9864	Range	9.3771389459 - 15.759069131 (median=12.238193018 mean=12.3314406524 std=0.9722784278)

Chapter 3: Derived Variables

Section A: Derived Files

YRS_BTWN_V2V3		Elapsed Time between Visits 2 and 3 (Yrs)
N	Value	Description
8977	Range	2.841889117 - 9.2183436003 (median=6.3080082136 mean=6.35145760361 std=0.76835976424)
887		Missing

AGE_V3		Age at Visit 3 (Yrs)
N	Value	Description
9864	Range	28 - 89 (median=60 mean=59.0 std=12.8)

AGEGRP_C7_V3		7-Level Grouped Age of Participant at Visit 3
N	Value	Description
24	1	Ages 20-29
955	2	Ages 30-39
1254	3	Ages 40-49
2381	4	Ages 50-59
3136	5	Ages 60-69
1718	6	Ages 70-79
396	7	Ages 80+

SEX_V3		Sex Assigned at Birth Updated at Visit 3
N	Value	Description
6386	0	Female
3478	1	Male

SEX_C3_V3		Sex Assigned at Birth including Intersex
N	Value	Description
6384	0	Female
3476	1	Male
4	2	Intersex

INTERSEX		Intersex Condition Declared by A Doctor
N	Value	Description
9860	0	No/Don't Know/Missing
4	1	Yes

Chapter 3: Derived Variables

Section A: Derived Files

SGM		Sexual or Gender Minority
N	Value	Description
9434	0	No
430	1	Yes

TRANSGENDER		Transgender
N	Value	Description
8867	0	No
21	1	Yes
976		Missing

CISGENDER		Cisgender
N	Value	Description
40	0	No
8801	1	Yes
1023		Missing

GENIDENTITY_C4		Self-Reported Gender Identity (4 Categories)
N	Value	Description
3089	1	Man
5729	2	Woman
15	3	Gender non-binary or transgender
8	4	Other
1023		Missing

GENIDENTITY_C7		Self-Reported Gender Identity (7 Categories)
N	Value	Description
3079	1	Cis man
11	2	Trans man
11	3	Non-binary
9	4	Trans woman
5722	5	Cis woman
9	6	Other
1023	9	Missing/ Don't know

Chapter 3: Derived Variables

Section A: Derived Files

TNB		Transgender or Nonbinary
N	Value	Description
8873	0	No
15	1	Yes
976		Missing

TGD		Trans and Gender Diverse
N	Value	Description
8847	0	No
44	1	Yes
973		Missing

LGBTID		Lesbian, Gay, Bisexual, Nonbinary, or Transgender
N	Value	Description
8705	0	No
183	1	Yes
976		Missing

SXORIENTATION		Sexual Orientation Identity or Sex Assigned at Birth and Self-Reported Sexual Attraction
N	Value	Description
8502	0	Only Attracted to the Opposite Sex or Straight/ Heterosexual
71	1	Men Attracted to Men or Gay
79	2	Women Attracted to Women or Lesbian
216	3	Attracted to both Men and Women or Bisexual
996	9	Other/Missing/Don't Know

SAMESXATT		Ever been Attracted to the Same Sex
N	Value	Description
8520	0	No
364	1	Yes
980		Missing

SAMESXPART		Has had a Same Sex Romantic or Sexual Partner
N	Value	Description
8240	0	No
235	1	Yes
1389		Missing

Chapter 3: Derived Variables

Section A: Derived Files

OPPSXPART		Has had an Opposite Sex Romantic or Sexual Partner
N	Value	Description
139	0	No
8336	1	Yes
1389		Missing

ASEXUAL		Has Never Felt Sexually Attracted to Anyone
N	Value	Description
8380	0	No
54	1	Yes
1430		Missing

AGE_GENDERID_LE_ AGE_V1		Age for Gender Identity Less Than or Equal to Age at Visit 1
N	Value	Description
2	0	No
8559	1	Yes
1303		Missing

AGE_SOID_LE_AGE_ V1		Age for Sexual Orientation Identity Less Than or Equal to Age at Visit 1
N	Value	Description
19	0	No
266	1	Yes
9579		Missing

Chapter 3: Derived Variables

Section A: Derived Files

INCOME2_V3		Grouped Yearly Household Income at Visit 3
N	Value	Description
803	1	Less than \$10,000
1265	2	\$10,001-\$15,000
741	3	\$15,001-\$20,000
641	4	\$20,001-\$25,000
298	5	\$25,001-\$29,999
1216	6	\$30,000-\$40,000
678	7	\$40,001-\$50,000
809	8	\$50,001-\$70,000
716	9	\$70,001-\$100,000
404	10	More than \$100,000
2293		Missing

INCOME2_C3_V3		3-level grouped yearly household income at Visit 3
N	Value	Description
4058	1	Less than or equal to \$30,000
3513	2	\$30,001 or more
2293	3	Missing

INCOME2_C5_V3		5-Level Grouped Yearly Household Income at Visit 3
N	Value	Description
1003	1	Less than \$10,000
1806	2	\$10,001-\$20,000
2155	3	\$20,001-\$40,000
1336	4	\$40,001-\$70,000
1271	5	More than \$70,000
2293		Missing

EDUCATION_C3_V3		Education Status at Visit 3 (3 Levels)
N	Value	Description
3442	1	Less Than High School
2285	2	High School or Equivalent
4102	3	Greater than High School or Equivalent
35		Missing

Chapter 3: Derived Variables

Section A: Derived Files

<i>EMPLOYEDFY_V3</i>		<i>Participant Was Employed for the Full Year at Visit 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5717	0	No
3241	1	Yes
906		Missing

<i>MARITAL_STATUS_V3</i>		<i>Marital Status at Visit 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2225	1	Single
4438	2	Married
651	3	Separated
1120	4	Divorced
733	5	Widow
695	6	Living with a Partner
2		Missing

<i>HHSIZE_V3</i>		<i>Household Size at Visit 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	0	0
2470	1	1
3035	2	2
1532	3	3
1001	4	4
811	5	5 or more
1012		Missing

<i>HC_V3</i>		<i>Current Health Insurance Coverage at Visit 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1414	0	No
7615	1	Yes
835		Missing

<i>LANG_PREF_V3</i>		<i>Language Preference at Visit 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8125	1	Spanish
1739	2	English

Chapter 3: Derived Variables

Section A: Derived Files

YRSUS_V3		Number of Years in US (50 States/DC) at Visit 3
N	Value	Description
9823	Range	10.699520876 - 86 (median=32.34770705 mean=34.554696987 std=15.038897246)
41		Missing

YRSUS2_C2_V3		2-Level Grouped Years Lived in Us (50 States/DC) at Visit 3
N	Value	Description
1856	1	Less than 20 years
7967	2	20 Years or more
41		Missing

YRSUS2_C3_V3		3-Level Grouped Years Lived in Us (50 States/DC) at Visit 3
N	Value	Description
1856	1	Less than 20 years
6480	2	20 Years or more
1487	3	US born
41		Missing

DISCRIMEVER_V1V3		Experienced or Witnessed Any Discrimination in V1 or V3
N	Value	Description
2360	0	No
7499	1	Yes
5		Missing

IMMSTRESSSUM_V3		Stress of Immigration Scale Score
N	Value	Description
8879	Range	3 - 20 (median=5 mean=5.7 std=2.6)
985		Missing

IMMSTRESSAVG_V3		Average of the Stress Scores in Visit 3
N	Value	Description
8879	Range	1 - 5 (median=1.25 mean=1.425 std=0.646)
985		Missing

Chapter 3: Derived Variables

Section A: Derived Files

<i>CHRSTRTOT_V3</i>		<i>Total Number of Ever Chronic Stressors Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8972	Range	0 - 8 (median=1 mean=1.3 std=1.4)
892		Missing

<i>CHRSTRTOT6_V3</i>		<i>Total Number of Chronic Stressors Present for at Least 6 Months, V3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8968	Range	0 - 8 (median=1 mean=1.0 std=1.4)
896		Missing

<i>CHRSTRSEV_V3</i>		<i>Chronic Stress Severity Score, V3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8966	Range	0 - 24 (median=2 mean=3.0 std=3.8)
898		Missing

<i>M_V_TOT_V3</i>		<i>Total Moderate to Very Chronic Stress Score, V3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8848	Range	0 - 8 (median=0 mean=0.9 std=1.3)
1016		Missing

<i>BRS_V3</i>		<i>Brief Resilience Scale</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8956	Range	2 - 30 (median=15 mean=15.0 std=3.8)
908		Missing

<i>BRSavg_V3</i>		<i>Brief Resilience Average Scale</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8956	Range	1 - 5 (median=2.5 mean=2.51 std=0.63)
908		Missing

<i>PHQ8_V3</i>		<i>PHQ-8 Item Measure of Depressive Symptoms</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8951	Range	0 - 24 (median=3 mean=4.0 std=4.5)
913		Missing

Chapter 3: Derived Variables

Section A: Derived Files

PHQ8_GE10_V3		Moderate/Severe Depression Symptoms (PHQ8 >= 10)
N	Value	Description
7935	0	No
1016	1	Yes
913		Missing

BMI_V3		Body Mass Index (kg/m2) at Visit 3
N	Value	Description
8758	Range	15.078125 - 67.223822467 (median=29.6484375 mean=30.56354398 std=6.09414792)
1106		Missing

BMIGRP_C4_V3		4-Level Grouped Body Mass Index (WHO) at Visit 3
N	Value	Description
44	1	Underweight (<18.5)
1329	2	Normal (18.5-24.9)
3228	3	Overweight (25.0-29.9)
4157	4	Obese (30+)
1106		Missing

BMIGRP_C6_V3		6-Level Grouped Body Mass Index (WHO) at Visit 3
N	Value	Description
44	1	Underweight (<18.5)
1329	2	Normal (18.5-24.9)
3228	3	Overweight (25.0-29.9)
2428	4	Obese I (30.0-34.9)
1120	5	Obese II (35.0-39.9)
609	6	Obese III (40+)
1106		Missing

CENTROBESE_V3		Central Obesity at Visit 3
N	Value	Description
2319	0	No
6550	1	Yes
995		Missing

Chapter 3: Derived Variables

Section A: Derived Files

WAIST_HIP_V3		Waist to Hip Ratio
N	Value	Description
8868	Range	0.58 - 2.2352941176 (median=0.9491525424 mean=0.94729910915 std=0.07637848440)
996		Missing

HYPERTMED_SELF_V3		Hypertension - self-reported med use, Visit 3
N	Value	Description
5182	0	No
3743	1	Yes
939		Missing

HYPERTENSION2_V3		Hypertension - NHANES, Visit 3
N	Value	Description
4396	0	Not hypertensive (No)
4691	1	Hypertensive (Yes)
777		Missing

HYPERTENSION2_C4_V3		4-level grouped hypertension - NHANES, Visit 3
N	Value	Description
2514	1	None
1882	2	Prehypertension
3743	3	Treated hypertension
948	4	Untreated hypertension
777		Missing

HYPERTENSION2_AH_A_V3		Hypertension - ACC/AHA, Visit 3
N	Value	Description
3333	0	Not hypertensive (No)
5754	1	Hypertensive (Yes)
777		Missing

Chapter 3: Derived Variables

Section A: Derived Files

HYPERTENSION2_AH A_C5_V3		5-level grouped hypertension - ACC/AHA, Visit 3
N	Value	Description
2514	1	No hypertension
819	2	Elevated-hypertension (120<=SBP5<130 and SBP6<80)
3743	3	Treated hypertension
1063	4	Untreated Stage 1 hypertension (130<=SBP5<140 and 80<=SBP6<90)
948	5	Untreated Stage 2 hypertension (SBP5>=140 or SBP6>=90)
777		Missing

HYPER_DIAG_V3		Hypertension - self-reported diagnosis, Visit 1, 2, or 3
N	Value	Description
5290	0	No
4572	1	Yes
2		Missing

DYSLIPIDMED_SELF_V3		Dyslipidemia - self-reported med use, Visit 3
N	Value	Description
6035	0	No
2875	1	Yes
954		Missing

DYSLIPIDEMIA_V3		Dyslipidemia/High Cholesterol at Visit 3
N	Value	Description
4282	0	No
4793	1	Yes
789		Missing

DYSLIPIDEMIA_C3_V3		3-Level Dyslipidemia at Visit 3
N	Value	Description
4170	1	Normal
1865	2	Dyslipidemia w/o reported treatment
2875	3	Dyslipidemia with reported treatment
954		Missing

Chapter 3: Derived Variables

Section A: Derived Files

DYSLIPIDEMIA_TCHDL_V3		Dyslipidemia Based on TCHDL >5 at Visit 3
N	Value	Description
7710	0	No
1278	1	Yes
876		Missing

DYS_TCHDL_MED_V3		Dyslipidemia Based on TCHDL >5 at Visit 2 or Lipid Lower Drug Scanned
N	Value	Description
5247	0	No
3828	1	Yes
789		Missing

DYSLIPID_DIAG_V3		Dyslipidemia/High Cholesterol - self-reported diagnosis, Visit 1, 2, or 3
N	Value	Description
4411	0	No
5451	1	Yes
2		Missing

CARDIAC_RISK_RATIO_V3		Cardiac Risk Ratio (TC/HDL) - AHA at Visit 3
N	Value	Description
8988	Range	1.347826087 - 17.058823529 (median=3.5833333333 mean=3.78098890516 std=1.23607231543)
876		Missing

TOTAL_CHOL_C3_V3		Total Cholesterol at Visit 3
N	Value	Description
5747	1	Normal
2246	2	Borderline High
997	3	High
874		Missing

HSCR_P_AVAIL_V3		High-sensitivity C-Reactive Protein Available (SGM SOL ancillary study)
N	Value	Description
8580	0	No
1284	1	Yes

Chapter 3: Derived Variables

Section A: Derived Files

FASTTIME_V3		Fasting Time (Hrs.) at Visit 3
N	Value	Description
9001	Range	4.3 - 50.35 (median=13.2 mean=13.47 std=2.33)
863		Missing

DIABETES_LAB_V3		3-level grouped diabetes - ADA lab, Visit 3
N	Value	Description
2314	1	Normal glucose regulation
4355	2	Impaired glucose tolerance
2304	3	Diabetes
891		Missing

SELFMED_ANTIDIAB_V3		Diabetes - self-reported med use, Visit 3
N	Value	Description
6671	0	No
2265	1	Yes
928		Missing

DIABETES4A_V3		3-level grouped diabetes - def. 4A (ADA lab no OGTT & self-reported med use), Visit 3
N	Value	Description
2354	1	Normal glucose regulation
3899	2	Impaired glucose tolerance
2823	3	Diabetes
788		Missing

DIABETES4A_C4_V3		4-level grouped diabetes - def. 4A (ADA lab no OGTT & self-reported med use), Visit 3
N	Value	Description
2354	1	No Diabetes
3899	2	Pre-diabetes
2265	3	Diabetes with treatment
558	4	Untreated Diabetes
788		Missing

Chapter 3: Derived Variables

Section A: Derived Files

DIABETES4A_INDICAT OR_V3		Indicator of diabetes - def. 4A (ADA lab no OGTT & self-reported med use), Visit 3
N	Value	Description
6253	0	No
2823	1	Yes
788		Missing

DIABETIC_DIAG_V3		Diabetes - self-reported diagnosis, Visit 1, 2, or 3
N	Value	Description
7083	0	No
2779	1	Yes
2		Missing

METS_NCEP2_V3		Metabolic Syndrome w/ Self-Reported Meds at Visit 3 - NCEP ATP III
N	Value	Description
4239	0	No
4825	1	Yes
800		Missing

METS_V3		Metabolic Syndrome at Visit 3
N	Value	Description
3535	0	No
5555	1	Yes
774		Missing

CURRENT_SMOKER_ V3		Current Smoker Status at Visit 3
N	Value	Description
8030	0	No
1025	1	Yes
809		Missing

HBA1C_SI_V3		Respondent's Hba1c Levels (in mmol/mol)
N	Value	Description
8966	Range	11.476 - 155.752 (median=39.894 mean=44.3560 std=15.0200)
898		Missing

HIGH_TOTAL_CHOL2_V3		Hypercholesterolemia at Visit 3 (From LABA66, LABA68, LABA69, MUE26e)
N	Value	Description
4436	0	No
4639	1	Yes
789		Missing