

Coding Manual of Curated Gen 2/Omni 1 (NP) dataset

Note:

1. This curated dataset contains information of Gen II and Omni 1 participants.
2. There are 5630 unique FHS participants within this dataset (5124 Gen II and 506 Omni 1), with a total of 1065 variables.
3. Variables are generally grouped based on their origins (i.e. primary FHS dataset)
4. For protocol descriptions and annotated forms of the primary datasets, refer to the respective documents of the individual source datasets.

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FRAMID**Variable name:** Framid**Description:** Framingham ID assigned to each participant

Code or Value	Description	Count
80000 – 89999	Gen 2	5124
700000 – 709999	Omni 1	506
.	Unknown	0

Note: To preserve confidentiality, the exact range for the ID is not reflected in the coding manual.

AGE_CORE1**Variable name:** Age_core1**Description:** Age at FHS clinic exam 1

Code or Value	Description	Count
5 – 70	Range of value	5124
.	Unknown	506

AGE_CORE2**Variable name:** Age_core2**Description:** Age at FHS clinic exam 2

Code or Value	Description	Count
17 – 77	Range of value	3863
.	Unknown	1767

AGE_CORE3**Variable name:** Age_core3**Description:** Age at FHS clinic exam 3

Code or Value	Description	Count
18 – 77	Range of value	3873
.	Unknown	1757

AGE_CORE4**Variable name:** Age_core4**Description:** Age at FHS clinic exam 4

Code or Value	Description	Count
22 – 81	Range of value	4019
.	Unknown	1611

AGE_CORE5**Variable name:** Age_core5**Description:** Age at FHS clinic exam 5

Code or Value	Description	Count
26 – 84	Range of value	4305
.	Unknown	1325

AGE_CORE6**Variable name:** Age_core6**Description:** Age at FHS clinic exam 6

Code or Value	Description	Count
29 – 86	Range of value	3532
.	Unknown	2098

AGE_CORE7**Variable name:** Age_core7**Description:** Age at FHS clinic exam 7

Code or Value	Description	Count
33 – 90	Range of value	3943
.	Unknown	1687

AGE_CORE8**Variable name:** Age_core8**Description:** Age at FHS clinic exam 8

Code or Value	Description	Count
39 – 93	Range of value	3318
.	Unknown	2312

AGE_CORE9**Variable name:** Age_core9**Description:** Age at FHS clinic exam 9

Code or Value	Description	Count
44 – 98	Range of value	2730
.	Unknown	2900

EDU_CORE2**Variable name:** Edu_core2**Description:** Years of education

Code or Value	Description	Count
1 – 30	Known	
.	Unknown	

EDU_CORE8**Variable name:** Edu_core8**Description:** What is the highest degree or level of school you have completed? (if currently enrolled, mark the highest grade completed, degree received)

Code or Value	Description	Count
0	No schooling	2
1	Grades 1 – 8	15
2	Grades 9 – 11	16
3	Completed high school (12 th grade) or GED	29
4	Some college, but no degree	40
5	Technical school certificate	5

6	Associate degree (Junior college AA, AS)	17
7	Bachelor's degree (BA, AB, BS)	71
8	Graduate or professional degree (Master's, Doctorate, MD, etc.)	94
9	Prefer not to answer	0
.	Unknown	5341

HEIGHT_CORE1**Variable name:** Height_core1**Description:** Height at FHS clinic exam 1

Code or Value	Description	Count
46 – 78	Range of value	5120
.	Unknown	510

HEIGHT_CORE2**Variable name:** Height_core2**Description:** Height at FHS clinic exam 2

Code or Value	Description	Count
56 – 79	Range of value	3860
.	Unknown	1770

HEIGHT_CORE3**Variable name:** Height_core3**Description:** Height at FHS clinic exam 3

Code or Value	Description	Count
48.5 – 77.5	Range of value	3826
.	Unknown	1804

HEIGHT_CORE4**Variable name:** Height_core4**Description:** Height at FHS clinic exam 4

Code or Value	Description	Count
49 – 77.5	Range of value	3996
.	Unknown	1634

HEIGHT_CORE5**Variable name:** Height_core5**Description:** Height at FHS clinic exam 5

Code or Value	Description	Count
48.75 – 77.0	Range of value	4278
.	Unknown	1352

HEIGHT_CORE6**Variable name:** Height_core6**Description:** Height at FHS clinic exam 6

Code or Value	Description	Count
48.25 – 77.5	Range of value	3480
.	Unknown	2150

HEIGHT_CORE7**Variable name:** Height_core7**Description:** Height at FHS clinic exam 7

Code or Value	Description	Count
55 – 78.75	Range of value	3728
.	Unknown	1902

HEIGHT_CORE8**Variable name:** Height_core8**Description:** Height at FHS clinic exam 8

Code or Value	Description	Count
55.75 – 79.25	Range of value	3203
.	Unknown	2427

HEIGHT_CORE9**Variable name:** Height_core9**Description:** Height at FHS clinic exam 9

Code or Value	Description	Count
53.25 – 78.5	Range of value	2583
.	Unknown	3047

WEIGHT_CORE1**Variable name:** Weight_core1**Description:** Weight at FHS clinic exam 1

Code or Value	Description	Count
42 – 350	Range of value	5124
.	Unknown	506

WEIGHT_CORE2**Variable name:** Weight_core2**Description:** Weight at FHS clinic exam 2

Code or Value	Description	Count
79 – 385	Range of value	3863
.	Unknown	1767

WEIGHT_CORE3**Variable name:** Weight_core3**Description:** Weight at FHS clinic exam 3

Code or Value	Description	Count
64 – 352	Range of value	3835
.	Unknown	1795

WEIGHT_CORE4**Variable name:** Weight_core4**Description:** Weight at FHS clinic exam 4

Code or Value	Description	Count
66 – 400	Range of value	4007
.	Unknown	1623

WEIGHT_CORE5**Variable name:** Weight_core5**Description:** Weight at FHS clinic exam 5

Code or Value	Description	Count
64 – 350	Range of value	4287
.	Unknown	1343

WEIGHT_CORE6**Variable name:** Weight_core6**Description:** Weight at FHS clinic exam 6

Code or Value	Description	Count
74 – 350	Range of value	3513
.	Unknown	2117

WEIGHT_CORE7**Variable name:** Weight_core7**Description:** Weight at FHS clinic exam 7

Code or Value	Description	Count
78 – 375	Range of value	3909
.	Unknown	1721

WEIGHT_CORE8**Variable name:** Weight_core8**Description:** Weight at FHS clinic exam 8

Code or Value	Description	Count
79 – 398	Range of value	3310
.	Unknown	2320

WEIGHT_CORE9**Variable name:** Weight_core9**Description:** Weight at FHS clinic exam 9

Code or Value	Description	Count
78 – 341	Range of value	2730
.	Unknown	2900

BMI_CORE1**Variable name:** BMI_core1**Description:** Body mass index at FHS clinic exam 1

Code or Value	Description	Count
13.52 – 54.08	Range of value	5120
.	Unknown	510

BMI_CORE2**Variable name:** BMI_core2**Description:** Body mass index at FHS clinic exam 2

Code or Value	Description	Count
15.43 – 52.62	Range of value	3860
.	Unknown	1770

BMI_CORE3**Variable name:** BMI_core3**Description:** Body mass index at FHS clinic exam 3

Code or Value	Description	Count
15.05 – 58.13	Range of value	3823
.	Unknown	1807

BMI_CORE4**Variable name:** BMI_core4**Description:** Body mass index at FHS clinic exam 4

Code or Value	Description	Count
13.78 – 66.56	Range of value	3996
.	Unknown	1634

BMI_CORE5**Variable name:** BMI_core5**Description:** Body mass index at FHS clinic exam 5

Code or Value	Description	Count
14.37 – 53.7	Range of value	4276
.	Unknown	1354

BMI_CORE6**Variable name:** BMI_core6**Description:** Body mass index at FHS clinic exam 6

Code or Value	Description	Count
16.59 – 54.33	Range of value	3480
.	Unknown	2150

BMI_CORE7**Variable name:** BMI_core7**Description:** Body mass index at FHS clinic exam 7

Code or Value	Description	Count
15.66 – 64.02	Range of value	3727
.	Unknown	1903

BMI_CORE8**Variable name:** BMI_core8**Description:** Body mass index at FHS clinic exam 8

Code or Value	Description	Count
13.77 – 59.64	Range of value	3203
.	Unknown	2427

BMI_CORE9**Variable name:** BMI_core9**Description:** Body mass index at FHS clinic exam 9

Code or Value	Description	Count
15.82 – 56.15	Range of value	2583
.	Unknown	3047

Hip and waist circumferences were only available from FHS clinic exam 4 (Gen) onwards

HIP_CORE4

Variable name: Hip_core4

Description: Hip girth at FHS clinic exam 4

Code or Value	Description	Count
25.5 – 64	Range of value	3984
.	Unknown	1646

HIP_CORE5

Variable name: Hip_core5

Description: Hip girth at FHS clinic exam 5

Code or Value	Description	Count
25 – 62.5	Range of value	4274
.	Unknown	1356

HIP_CORE6

Variable name: Hip_core6

Description: Hip girth at FHS clinic exam 6

Code or Value	Description	Count
23 – 60	Range of value	3443
.	Unknown	2187

HIP_CORE7

Variable name: Hip_core7

Description: Hip girth at FHS clinic exam 7

Code or Value	Description	Count
30.25 – 65.5	Range of value	3690
.	Unknown	1940

HIP_CORE9**Variable name:** Hip_core9**Description:** Hip girth at FHS clinic exam 9

Code or Value	Description	Count
30.5 – 68.25	Range of value	2573
.	Unknown	3057

WAIST_CORE4**Variable name:** Waist_core4**Description:** Waist girth at FHS clinic exam 4

Code or Value	Description	Count
22 – 57	Range of value	3985
.	Unknown	1645

WAIST_CORE5**Variable name:** Waist_core5**Description:** Waist girth at FHS clinic exam 5

Code or Value	Description	Count
23 – 65	Range of value	4279
.	Unknown	1351

WAIST_CORE6**Variable name:** Waist_core6**Description:** Waist girth at FHS clinic exam 6

Code or Value	Description	Count
23.75 – 60	Range of value	3456
.	Unknown	2174

WAIST_CORE7**Variable name:** Waist_core7**Description:** Waist girth at FHS clinic exam 7

Code or Value	Description	Count
25 – 67.5	Range of value	3696
.	Unknown	1934

WAIST_CORE8**Variable name:** Waist_core8**Description:** Waist girth at FHS clinic exam 8

Code or Value	Description	Count
24 – 67	Range of value	3224
.	Unknown	2406

WAIST_CORE9**Variable name:** Waist_core9**Description:** Waist girth at FHS clinic exam 9

Code or Value	Description	Count
25.25 – 67	Range of value	2573
.	Unknown	3057

SBP_CORE1**Variable name:** SBP_core1**Description:** Systolic blood pressure at FHS clinic exam 1

Code or Value	Description	Count
78 – 240	Range of value	5115
.	Unknown	515

SBP_CORE2**Variable name:** SBP_core2**Description:** Systolic blood pressure at FHS clinic exam 2

Code or Value	Description	Count
82 – 225	Range of value	3863
.	Unknown	1767

SBP_CORE3**Variable name:** SBP_core3**Description:** Systolic blood pressure at FHS clinic exam 3

Code or Value	Description	Count
77.5 – 199	Range of value	3873
.	Unknown	1757

SBP_CORE4**Variable name:** SBP_core4**Description:** Systolic blood pressure at FHS clinic exam 4

Code or Value	Description	Count
80 – 223	Range of value	4019
.	Unknown	1611

SBP_CORE5**Variable name:** SBP_core5**Description:** Systolic blood pressure at FHS clinic exam 5

Code or Value	Description	Count
52 – 223	Range of value	4303
.	Unknown	1327

SBP_CORE6**Variable name:** SBP_core6**Description:** Systolic blood pressure at FHS clinic exam 6

Code or Value	Description	Count
77 – 236	Range of value	3530
.	Unknown	2100

SBP_CORE7**Variable name:** SBP_core7**Description:** Systolic blood pressure at FHS clinic exam 7

Code or Value	Description	Count
81 – 216	Range of value	3938
.	Unknown	1692

SBP_CORE8**Variable name:** SBP_core8**Description:** Systolic blood pressure at FHS clinic exam 8

Code or Value	Description	Count
73 – 218	Range of value	3314
.	Unknown	2316

SBP_CORE9**Variable name:** SBP_core9**Description:** Systolic blood pressure at FHS clinic exam 9

Code or Value	Description	Count
84 – 216	Range of value	2728
.	Unknown	2902

DBP_CORE1**Variable name:** DBP_core1**Description:** Diastolic blood pressure at FHS clinic exam 1

Code or Value	Description	Count
48 – 158	Range of value	5115
.	Unknown	515

DBP_CORE2**Variable name:** DBP_core2**Description:** Diastolic blood pressure at FHS clinic exam 2

Code or Value	Description	Count
45 – 140	Range of value	3862
.	Unknown	1768

DBP_CORE3**Variable name:** DBP_core3**Description:** Diastolic blood pressure at FHS clinic exam 3

Code or Value	Description	Count
42.5 – 120	Range of value	3872
.	Unknown	1758

DBP_CORE4**Variable name:** DBP_core4**Description:** Diastolic blood pressure at FHS clinic exam 4

Code or Value	Description	Count
36 – 123	Range of value	4017
.	Unknown	1613

DBP_CORE5**Variable name:** DBP_core5**Description:** Diastolic blood pressure at FHS clinic exam 5

Code or Value	Description	Count
34 – 129	Range of value	4303
.	Unknown	1327

DBP_CORE6**Variable name:** DBP_core6**Description:** Diastolic blood pressure at FHS clinic exam 6

Code or Value	Description	Count
44 – 122	Range of value	3529
.	Unknown	2101

DBP_CORE7**Variable name:** DBP_core7**Description:** Diastolic blood pressure at FHS clinic exam 7

Code or Value	Description	Count
41 – 116	Range of value	3936
.	Unknown	1694

DBP_CORE8**Variable name:** DBP_core8**Description:** Diastolic blood pressure at FHS clinic exam 8

Code or Value	Description	Count
35 – 122	Range of value	3313
.	Unknown	2317

DBP_CORE9**Variable name:** DBP_core9**Description:** Diastolic blood pressure at FHS clinic exam 9

Code or Value	Description	Count
37 – 107	Range of value	2728
.	Unknown	2902

HRX_CORE1**Variable name:** HRX_core1**Description:** Treated for hypertension at FHS clinic exam 1

Code or Value	Description	Count
0	No	4929
1	Yes	168
.	Unknown	533

HRX_CORE2**Variable name:** HRX_core2**Description:** Treated for hypertension at FHS clinic exam 2

Code or Value	Description	Count
0	No	3454
1	Yes	406
.	Unknown	1770

HRX_CORE3**Variable name:** HRX_core3**Description:** Treated for hypertension at FHS clinic exam 3

Code or Value	Description	Count
0	No	3215
1	Yes	654
.	Unknown	1761

HRX_CORE4**Variable name:** HRX_core4**Description:** Treated for hypertension at FHS clinic exam 4

Code or Value	Description	Count
0	No	3278
1	Yes	733
.	Unknown	1619

HRX_CORE5**Variable name:** HRX_core5**Description:** Treated for hypertension at FHS clinic exam 5

Code or Value	Description	Count
0	No	3449
1	Yes	837
.	Unknown	1344

HRX_CORE6**Variable name:** HRX_core6**Description:** Treated for hypertension at FHS clinic exam 6

Code or Value	Description	Count
0	No	2522
1	Yes	998
.	Unknown	2110

HRX_CORE7**Variable name:** HRX_core7**Description:** Treated for hypertension at FHS clinic exam 7

Code or Value	Description	Count
0	No	2599
1	Yes	1332
.	Unknown	1699

HRX_CORE8**Variable name:** HRX_core8**Description:** Treated for hypertension at FHS clinic exam 8

Code or Value	Description	Count
0	No	1668
1	Yes	1646
.	Unknown	2316

HRX_CORE9**Variable name:** HRX_core9**Description:** Treated for hypertension at FHS clinic exam 9

Code or Value	Description	Count
0	No	1149
1	Yes	1572
.	Unknown	2909

VENT_RT_CORE1**Variable name:** Vent_rt_core1**Description:** Ventricular beat by ECG at FHS clinic exam 1

Code or Value	Description	Count
37 – 107	Range of value	2728
.	Unknown	2902

VENT_RT_CORE2**Variable name:** Vent_rt_core2**Description:** Ventricular beat by ECG at FHS clinic exam 2

Code or Value	Description	Count
32 – 112	Range of value	3857
.	Unknown	1773

VENT_RT_CORE3**Variable name:** Vent_rt_core3**Description:** Ventricular beat by ECG at FHS clinic exam 3

Code or Value	Description	Count
32 – 117	Range of value	3868
.	Unknown	1762

VENT_RT_CORE4**Variable name:** Vent_rt_core4**Description:** Ventricular beat by ECG at FHS clinic exam 4

Code or Value	Description	Count
34 – 135	Range of value	4019
.	Unknown	1611

VENT_RT_CORE5**Variable name:** Vent_rt_core5**Description:** Ventricular beat by ECG at FHS clinic exam 5

Code or Value	Description	Count
29 – 150	Range of value	4304
.	Unknown	1326

VENT_RT_CORE6**Variable name:** Vent_rt_core6**Description:** Ventricular beat by ECG at FHS clinic exam 6

Code or Value	Description	Count
35 – 120	Range of value	3532
.	Unknown	2098

VENT_RT_CORE7**Variable name:** Vent_rt_core7**Description:** Ventricular beat by ECG at FHS clinic exam 7

Code or Value	Description	Count
35 – 113	Range of value	3939
.	Unknown	1691

VENT_RT_CORE8**Variable name:** Vent_rt_core8**Description:** Ventricular beat by ECG at FHS clinic exam 8

Code or Value	Description	Count
32 – 130	Range of value	3317
.	Unknown	2313

VENT_RT_CORE9**Variable name:** Vent_rt_core9**Description:** Ventricular beat by ECG at FHS clinic exam 9

Code or Value	Description	Count
34 – 138	Range of value	2726
.	Unknown	2904

SMOKING_CORE1**Variable name:** Smoking_core1**Description:** Current smoking status at FHS clinic exam 1

Code or Value	Description	Count
0	Not a current smoker	2839
1	Current Smoker	2269
.	Unknown	522

SMOKING_CORE2**Variable name:** Smoking_core2**Description:** Current smoking status at FHS clinic exam 2

Code or Value	Description	Count
0	Not a current smoker	2436
1	Current Smoker	1425
.	Unknown	1769

SMOKING_CORE3**Variable name:** Smoking_core3**Description:** Current smoking status at FHS clinic exam 3

Code or Value	Description	Count
0	Not a current smoker	2745
1	Current Smoker	1126
.	Unknown	1759

SMOKING_CORE4**Variable name:** Smoking_core4**Description:** Current smoking status at FHS clinic exam 4

Code or Value	Description	Count
0	Not a current smoker	3018
1	Current Smoker	994
.	Unknown	1618

SMOKING_CORE5**Variable name:** Smoking_core5**Description:** Current smoking status at FHS clinic exam 5

Code or Value	Description	Count
0	Not a current smoker	3493
1	Current Smoker	808
.	Unknown	1329

SMOKING_CORE6**Variable name:** Smoking_core6**Description:** Current smoking status at FHS clinic exam 6

Code or Value	Description	Count
0	Not a current smoker	2992
1	Current Smoker	540
.	Unknown	2098

SMOKING_CORE7**Variable name:** Smoking_core7**Description:** Current smoking status at FHS clinic exam 7

Code or Value	Description	Count
0	Not a current smoker	3420
1	Current Smoker	521
.	Unknown	1689

SMOKING_CORE8**Variable name:** Smoking_core8**Description:** Current smoking status at FHS clinic exam 8

Code or Value	Description	Count
0	Not a current smoker	3030
1	Current Smoker	284
.	Unknown	2316

SMOKING_CORE9**Variable name:** Smoking_core9**Description:** Current smoking status at FHS clinic exam 9

Code or Value	Description	Count
0	Not a current smoker	2571
1	Current Smoker	151
.	Unknown	2908

CPD_CORE1**Variable name:** CPD_core1**Description:** Cigarettes per day at FHS clinic exam 1

Code or Value	Description	Count
0 – 100	Range of value	5101
.	Unknown	529

CPD_CORE2**Variable name:** CPD_core2**Description:** Cigarettes per day at FHS clinic exam 2

Code or Value	Description	Count
0 – 95	Range of value	3853
.	Unknown	1777

CPD_CORE3**Variable name:** CPD_core3**Description:** Cigarettes per day at FHS clinic exam 3

Code or Value	Description	Count
0 – 80	Range of value	3870
.	Unknown	1760

CPD_CORE4**Variable name:** CPD_core4**Description:** Cigarettes per day at FHS clinic exam 4

Code or Value	Description	Count
0 – 80	Range of value	4007
.	Unknown	1623

CPD_CORE5**Variable name:** CPD_core5**Description:** Cigarettes per day at FHS clinic exam 5

Code or Value	Description	Count
0 – 70	Range of value	4299
.	Unknown	1331

CPD_CORE6**Variable name:** CPD_core6**Description:** Cigarettes per day at FHS clinic exam 6

Code or Value	Description	Count
0 – 60	Range of value	3529
.	Unknown	2101

CPD_CORE7**Variable name:** CPD_core7**Description:** Cigarettes per day at FHS clinic exam 7

Code or Value	Description	Count
0 – 60	Range of value	3940
.	Unknown	1690

CPD_CORE8**Variable name:** CPD_core8**Description:** Cigarettes per day at FHS clinic exam 8

Code or Value	Description	Count
0 – 60	Range of value	3313
.	Unknown	2317

CPD_CORE9**Variable name:** CPD_core9**Description:** Cigarettes per day at FHS clinic exam 9

Code or Value	Description	Count
0 – 60	Range of value	2722
.	Unknown	2908

BG_CORE1**Variable name:** BG_core1**Description:** Random blood glucose at FHS clinic exam 1

Code or Value	Description	Count
60 – 390	Range of value	4906
.	Unknown	724

BG_CORE2**Variable name:** BG_core2**Description:** Random blood glucose at FHS clinic exam 2

Code or Value	Description	Count
50 – 339	Range of value	3708
.	Unknown	1922

BG_CORE3**Variable name:** BG_core3**Description:** Random blood glucose at FHS clinic exam 3

Code or Value	Description	Count
47 – 387	Range of value	3743
.	Unknown	1887

BG_CORE4**Variable name:** BG_core4**Description:** Random blood glucose at FHS clinic exam 4

Code or Value	Description	Count
42 – 386	Range of value	3926
.	Unknown	1704

BG_CORE5**Variable name:** BG_core5**Description:** Random blood glucose at FHS clinic exam 5

Code or Value	Description	Count
47 – 456	Range of value	4273
.	Unknown	1357

BG_CORE6**Variable name:** BG_core6**Description:** Random blood glucose at FHS clinic exam 6

Code or Value	Description	Count
57 – 362	Range of value	3479
.	Unknown	2151

BG_CORE7**Variable name:** BG_core7**Description:** Random blood glucose at FHS clinic exam 7

Code or Value	Description	Count
51 – 467	Range of value	3719
.	Unknown	1911

BG_CORE8**Variable name:** BG_core8**Description:** Random blood glucose at FHS clinic exam 8

Code or Value	Description	Count
36 – 339	Range of value	3193
.	Unknown	2437

BG_CORE9**Variable name:** BG_core9**Description:** Random blood glucose at FHS clinic exam 9

Code or Value	Description	Count
53 – 295	Range of value	2572
.	Unknown	3058

Fasting blood test were only available from FHS clinic exam 3 (Gen 2) onwards

FASTING_BG_CORE3

Variable name: Fasting_BG_core3

Description: Fasting blood glucose at FHS clinic exam 3

Code or Value	Description	Count
47 – 387	Range of value	3638
.	Unknown	1992

FASTING_BG_CORE4

Variable name: Fasting_BG_core4

Description: Fasting blood glucose at FHS clinic exam 4

Code or Value	Description	Count
42 – 386	Range of value	3749
.	Unknown	1881

FASTING_BG_CORE5

Variable name: Fasting_BG_core5

Description: Fasting blood glucose at FHS clinic exam 5

Code or Value	Description	Count
48 – 412	Range of value	4214
.	Unknown	1416

FASTING_BG_CORE6

Variable name: Fasting_BG_core6

Description: Fasting blood glucose at FHS clinic exam 6

Code or Value	Description	Count
64 – 362	Range of value	3420
.	Unknown	2210

FASTING_BG_CORE7**Variable name:** Fasting_BG_core7**Description:** Fasting blood glucose at FHS clinic exam 7

Code or Value	Description	Count
60 – 367	Range of value	3363
.	Unknown	2267

FASTING_BG_CORE8**Variable name:** Fasting_BG_core8**Description:** Fasting blood glucose at FHS clinic exam 8

Code or Value	Description	Count
36 – 339	Range of value	3129
.	Unknown	2501

FASTING_BG_CORE9**Variable name:** Fasting_BG_core9**Description:** Fasting blood glucose at FHS clinic exam 9

Code or Value	Description	Count
53 – 289	Range of value	2511
.	Unknown	3119

DMRX_CORE1**Variable name:** DMRX_core1**Description:** Treated for diabetes at FHS clinic exam 1

Code or Value	Description	Count
0	No	5056
1	Yes	42
.	Unknown	532

DMRX_CORE2**Variable name:** DMRX_core2

Description: Treated for diabetes at FHS clinic exam 2

Code or Value	Description	Count
0	No	3820
1	Yes	42
.	Unknown	1768

DMRX_CORE3

Variable name: DMRX_core3

Description: Treated for diabetes at FHS clinic exam 3

Code or Value	Description	Count
0	No	3797
1	Yes	75
.	Unknown	1758

DMRX_CORE4

Variable name: DMRX_core4

Description: Treated for diabetes at FHS clinic exam 4

Code or Value	Description	Count
0	No	3889
1	Yes	117
.	Unknown	1624

DMRX_CORE5

Variable name: DMRX_core5

Description: Treated for diabetes at FHS clinic exam 5

Code or Value	Description	Count
0	No	4137
1	Yes	166
.	Unknown	1327

DMRX_CORE6

Variable name: DMRX_core6

Description: Treated for diabetes at FHS clinic exam 6

Code or Value	Description	Count
0	No	3325
1	Yes	198
.	Unknown	2107

DMRX_CORE7

Variable name: DMRX_core7

Description: Treated for diabetes at FHS clinic exam 7

Code or Value	Description	Count
0	No	3658
1	Yes	281
.	Unknown	1691

DMRX_CORE8

Variable name: DMRX_core8

Description: Treated for diabetes at FHS clinic exam 8

Code or Value	Description	Count
0	No	2829
1	Yes	333
.	Unknown	2468

DMRX_CORE9

Variable name: DMRX_core9

Description: Treated for diabetes at FHS clinic exam 9

Code or Value	Description	Count
0	No	2397
1	Yes	330
.	Unknown	2903

HBA1C_CORE5

Variable name: Hba1c_core5
Description: Hemoglobin A1c, Exam 5 (sample type: whole blood)
Units: percent

Code or Value	Description	Count
3.07 – 13.71	Range of value	2732
.	Unknown	2898

HBA1C_CORE7

Variable name: Hba1c_core7
Description: Hemoglobin A1c, Exam 7 (sample type: whole blood)
Units: percent

Code or Value	Description	Count
1.72 – 14.57	Range of value	2989
.	Unknown	2641

HBA1C_CORE8

Variable name: Hba1c_core8
Description: Hemoglobin A1c, Exam 8 (sample type: whole blood)
Units: percent

Code or Value	Description	Count
4.70 – 13.40	Range of value	2896
.	Unknown	2734

HBA1C_CORE9

Variable name: Hba1c_core9
Description: Hemoglobin A1c, Exam 9 (sample type: whole blood)
Units: percent

Code or Value	Description	Count
4.70 – 13.30	Range of value	2574
.	Unknown	3056

TC_CORE1**Variable name:** TC_core1**Description:** Total cholesterol at FHS clinic exam 1

Code or Value	Description	Count
98 – 457	Range of value	5034
.	Unknown	596

TC_CORE2**Variable name:** TC_core2**Description:** Total cholesterol at FHS clinic exam 2

Code or Value	Description	Count
69 – 519	Range of value	3778
.	Unknown	1852

TC_CORE3**Variable name:** TC_core3**Description:** Total cholesterol at FHS clinic exam 3

Code or Value	Description	Count
71 – 509	Range of value	3745
.	Unknown	1885

TC_CORE4**Variable name:** TC_core4**Description:** Total cholesterol at FHS clinic exam 4

Code or Value	Description	Count
90 – 448	Range of value	3926
.	Unknown	1704

TC_CORE5**Variable name:** TC_core5**Description:** Total cholesterol at FHS clinic exam 5

Code or Value	Description	Count
77 – 412	Range of value	4275
.	Unknown	1355

TC_CORE6**Variable name:** TC_core6**Description:** Total cholesterol at FHS clinic exam 6

Code or Value	Description	Count
83 – 885	Range of value	3479
.	Unknown	2151

TC_CORE7**Variable name:** TC_core7**Description:** Total cholesterol at FHS clinic exam 7

Code or Value	Description	Count
78 – 466	Range of value	3719
.	Unknown	1911

TC_CORE8**Variable name:** TC_core8**Description:** Total cholesterol at FHS clinic exam 8

Code or Value	Description	Count
71 – 348	Range of value	3194
.	Unknown	2436

TC_CORE9**Variable name:** TC_core9**Description:** Total cholesterol at FHS clinic exam 9

Code or Value	Description	Count
77 – 455	Range of value	2572
.	Unknown	3058

TRIGLYCERIDES_CORE1**Variable name:** Triglycerides_core1**Description:** Triglycerides at FHS clinic exam 1

Code or Value	Description	Count
12 – 2152	Range of value	5032
.	Unknown	598

TRIGLYCERIDES_CORE2**Variable name:** Triglycerides_core2**Description:** Triglycerides at FHS clinic exam 2

Code or Value	Description	Count
20 – 2220	Range of value	3778
.	Unknown	1852

TRIGLYCERIDES_CORE3**Variable name:** Triglycerides_core3**Description:** Triglycerides at FHS clinic exam 3

Code or Value	Description	Count
21 – 3915	Range of value	3744
.	Unknown	1886

TRIGLYCERIDES_CORE4**Variable name:** Triglycerides_core4**Description:** Triglycerides at FHS clinic exam 4

Code or Value	Description	Count
24 – 2494	Range of value	3924
.	Unknown	1706

TRIGLYCERIDES_CORE5**Variable name:** Triglycerides_core5**Description:** Triglycerides at FHS clinic exam 5

Code or Value	Description	Count
28 – 2373	Range of value	4275
.	Unknown	1355

TRIGLYCERIDES_CORE6**Variable name:** Triglycerides_core6**Description:** Triglycerides at FHS clinic exam 6

Code or Value	Description	Count
23 – 5329	Range of value	3479
.	Unknown	2151

TRIGLYCERIDES_CORE7**Variable name:** Triglycerides_core7**Description:** Triglycerides at FHS clinic exam 7

Code or Value	Description	Count
19 – 1206	Range of value	3719
.	Unknown	1911

TRIGLYCERIDES_CORE8**Variable name:** Triglycerides_core8**Description:** Triglycerides at FHS clinic exam 8

Code or Value	Description	Count
29 – 1136	Range of value	3194
.	Unknown	2436

TRIGLYCERIDES_CORE9**Variable name:** Triglycerides_core9**Description:** Triglycerides at FHS clinic exam 9

Code or Value	Description	Count
29 – 571	Range of value	2572
.	Unknown	3058

CALC_LDL_CORE1**Variable name:** Calc_LDL_core1**Description:** Calculated LDL-Cholesterol at FHS clinic exam 1

Code or Value	Description	Count
33 – 394	Range of value	4968
.	Unknown	662

CALC_LDL_CORE2**Variable name:** Calc_LDL_core2**Description:** Calculated LDL-Cholesterol at FHS clinic exam 2

Code or Value	Description	Count
21 – 326	Range of value	3732
.	Unknown	1898

CALC_LDL_CORE3**Variable name:** Calc_LDL_core3**Description:** Calculated LDL-Cholesterol at FHS clinic exam 3

Code or Value	Description	Count
13 – 330	Range of value	3665
.	Unknown	1965

CALC_LDL_CORE4**Variable name:** Calc_LDL_core4**Description:** Calculated LDL-Cholesterol at FHS clinic exam 4

Code or Value	Description	Count
31 – 390	Range of value	3828
.	Unknown	1802

CALC_LDL_CORE5**Variable name:** Calc_LDL_core5**Description:** Calculated LDL-Cholesterol at FHS clinic exam 5

Code or Value	Description	Count
27 – 315	Range of value	4161
.	Unknown	1469

CALC_LDL_CORE6**Variable name:** Calc_LDL_core6**Description:** Calculated LDL-Cholesterol at FHS clinic exam 6

Code or Value	Description	Count
30 – 355	Range of value	3412
.	Unknown	2218

CALC_LDL_CORE7**Variable name:** Calc_LDL_core7**Description:** Calculated LDL-Cholesterol at FHS clinic exam 7

Code or Value	Description	Count
21 – 361	Range of value	3662
.	Unknown	1968

CALC_LDL_CORE8**Variable name:** Calc_LDL_core8**Description:** Calculated LDL-Cholesterol at FHS clinic exam 8

Code or Value	Description	Count
26 – 259	Range of value	3167
.	Unknown	2463

CALC_LDL_CORE9**Variable name:** Calc_LDL_core9**Description:** Calculated LDL-Cholesterol at FHS clinic exam 9

Code or Value	Description	Count
16 – 340	Range of value	2563
.	Unknown	3067

HDL_CORE1**Variable name:** HDL_core1**Description:** HDL-Cholesterol at FHS clinic exam 1

Code or Value	Description	Count
9 – 132	Range of value	5017
.	Unknown	613

HDL_CORE2**Variable name:** HDL_core2**Description:** HDL-Cholesterol at FHS clinic exam 2

Code or Value	Description	Count
11 – 127	Range of value	3778
.	Unknown	1852

HDL_CORE3**Variable name:** HDL_core3**Description:** HDL-Cholesterol at FHS clinic exam 3

Code or Value	Description	Count
14 – 126	Range of value	3732
.	Unknown	1898

HDL_CORE4**Variable name:** HDL_core4**Description:** HDL-Cholesterol at FHS clinic exam 4

Code or Value	Description	Count
18 – 131	Range of value	3909
.	Unknown	1721

HDL_CORE5**Variable name:** HDL_core5**Description:** HDL-Cholesterol at FHS clinic exam 5

Code or Value	Description	Count
14 – 129	Range of value	4261
.	Unknown	1369

HDL_CORE6**Variable name:** HDL_core6**Description:** HDL-Cholesterol at FHS clinic exam 6

Code or Value	Description	Count
11 – 138	Range of value	3470
.	Unknown	2160

HDL_CORE7**Variable name:** HDL_core7**Description:** HDL-Cholesterol at FHS clinic exam 7

Code or Value	Description	Count
17 – 147	Range of value	3713
.	Unknown	1917

HDL_CORE8**Variable name:** HDL_core8**Description:** HDL-Cholesterol at FHS clinic exam 8

Code or Value	Description	Count
21 – 156	Range of value	3193
.	Unknown	2437

HDL_CORE9**Variable name:** HDL_core9**Description:** HDL-Cholesterol at FHS clinic exam 9

Code or Value	Description	Count
16 – 198	Range of value	2571
.	Unknown	3059

LIPRX_CORE1**Variable name:** LIPRX_core1**Description:** Treated for lipids at FHS clinic exam 1

Code or Value	Description	Count
0	No	5071
1	Yes	28
.	Unknown	531

LIPRX_CORE2**Variable name:** LIPRX_core2**Description:** Treated for lipids at FHS clinic exam 2

Code or Value	Description	Count
0	No	3833
1	Yes	28
.	Unknown	1769

LIPRX_CORE3**Variable name:** LIPRX_core3**Description:** Treated for lipids at FHS clinic exam 3

Code or Value	Description	Count
0	No	3840
1	Yes	32
.	Unknown	1758

LIPRX_CORE4**Variable name:** LIPRX_core4**Description:** Treated for lipids at FHS clinic exam 4

Code or Value	Description	Count
0	No	3866
1	Yes	144
.	Unknown	1620

LIPRX_CORE5**Variable name:** LIPRX_core5**Description:** Treated for lipids at FHS clinic exam 5

Code or Value	Description	Count
0	No	3994
1	Yes	309
.	Unknown	1327

LIPRX_CORE6**Variable name:** LIPRX_core6**Description:** Treated for lipids at FHS clinic exam 6

Code or Value	Description	Count
0	No	3075
1	Yes	456
.	Unknown	2099

LIPRX_CORE7**Variable name:** LIPRX_core7**Description:** Treated for lipids at FHS clinic exam 7

Code or Value	Description	Count
0	No	3148
1	Yes	790
.	Unknown	1692

LIPRX_CORE8**Variable name:** LIPRX_core8**Description:** Treated for lipids at FHS clinic exam 8

Code or Value	Description	Count
0	No	1906
1	Yes	1409
.	Unknown	2315

LIPRX_CORE9**Variable name:** LIPRX_core9**Description:** Treated for lipids at FHS clinic exam 9

Code or Value	Description	Count
0	No	1340
1	Yes	1386
.	Unknown	2904

CREATININE_CORE2**Variable name:** Creatinine_core2**Description:** Serum Creatinine at FHS clinic exam 2

Code or Value	Description	Count
0.3 – 9.8	Range of value	3709
.	Unknown	1921

CREATININE_CORE5**Variable name:** Creatinine_core5**Description:** Serum Creatinine at FHS clinic exam 5

Code or Value	Description	Count
0.17 – 7.01	Range of value	3181
.	Unknown	2449

CREATININE_CORE6**Variable name:** Creatinine_core6**Description:** Serum Creatinine at FHS clinic exam 6

Code or Value	Description	Count
0.32 – 4.56	Range of value	3452
.	Unknown	2178

CREATININE_CORE7**Variable name:** Creatinine_core7**Description:** Serum Creatinine at FHS clinic exam 7

Code or Value	Description	Count
0.40 – 8.91	Range of value	3705
.	Unknown	1925

CREATININE_CORE8**Variable name:** Creatinine_core8**Description:** Serum Creatinine at FHS clinic exam 8

Code or Value	Description	Count
0.33 – 7.30	Range of value	3178
.	Unknown	2452

CREATININE_CORE9**Variable name:** Creatinine_core9**Description:** Serum Creatinine at FHS clinic exam 9

Code or Value	Description	Count
0.39 – 8.90	Range of value	2557
.	Unknown	3073

ALBUMIN_CORE1**Variable name:** Albumin_core1**Description:** Albumin at Exam 1

Code or Value	Description	Count
24 – 59	Range of value	4874
.	Unknown	756

ALBUMIN_CORE2**Variable name:** Albumin_core2**Description:** Albumin at Exam 2

Code or Value	Description	Count
29 – 56	Range of value	3704
.	Unknown	1926

AST_CORE1**Variable name:** AST_core1**Description:** Aspartate Aminotransferase (AST/SGOT) at exam 1

Code or Value	Description	Count
8 – 998	Range of value	4893
.	Unknown	737

AST_CORE2**Variable name:** AST_core2**Description:** Aspartate Aminotransferase (AST/SGOT) at exam 2

Code or Value	Description	Count
1 – 194	Range of value	3679
.	Unknown	1951

ALT_CORE2**Variable name:** ALT_core2**Description:** Alanine Aminotransferase (ALT/SGPT) at exam 2

Code or Value	Description	Count
1 – 337	Range of value	3678
.	Unknown	1952

ALT_CORE7**Variable name:** ALT_core7**Description:** Alanine Aminotransferase, Exam 7**Units:** U/L

Code or Value	Description	Count
5 – 253	Range of value	3554
.	Unknown	2076

Note: The lower detectable limit for ALT is 5 U/L. ALT values below this limit were set to the lower detectable limit. Please use ALT_indicator_core7 to see which records are below this limit.

AST_CORE7**Variable name:** AST_core7**Description:** Aspartate Aminotransferase, Exam 7**Units:** U/L

Code or Value	Description	Count
5 – 380	Range of value	3554
.	Unknown	2076

Note: The lower detectable limit for AST is 5 U/L. AST values below this limit were set to the lower detectable limit. Please use AST_indicator_core7 to see which records are below this limit.

ALT_INDICATOR_CORE7

Variable name: ALT_core7

Description: Measurable range indicator for Alanine Aminotransferase, Exam 7

Code or Value	Description	Count
1	Below measurable range	1
2	Within measurable range	393
3	Above measurable range	0
.	Unknown	5236

Note: This information is only available for Omni 1 participants.

AST_INDICATOR_CORE7

Variable name: AST_core7

Description: Measurable range indicator for Aspartate Aminotransferase, Exam 7

Code or Value	Description	Count
1	Below measurable range	0
2	Within measurable range	394
3	Above measurable range	0
.	Unknown	5236

Note: This information is only available for Omni 1 participants

ALT_CORE8

Variable name: ALT_core8

Description: Alanine Aminotransferase, Exam 8

Units: U/L

Code or Value	Description	Count
5 – 216	Range of value	3177
.	Unknown	2453

Note: The lower detectable limit for ALT is 5 U/L. ALT values below this limit were set to the lower detectable limit. Please use ALT_indicator_core8 to see which records are below this limit.

ALT_INDICATOR_CORE8**Variable name:** ALT_core8**Description:** Measurable range indicator for Alanine Aminotransferase, Exam 8

Code or Value	Description	Count
1	Below measurable range	2
2	Within measurable range	3175
3	Above measurable range	0
.	Unknown	2453

AST_CORE8**Variable name:** AST_core8**Description:** Aspartate Aminotransferase, Exam 8**Units:** U/L

Code or Value	Description	Count
7 – 148	Range of value	3177
.	Unknown	2453

Note: The lower detectable limit for AST is 5 U/L. AST values below this limit were set to the lower detectable limit. Please use AST_indicator_core8 to see which records are below this limit.

AST_INDICATOR_CORE8**Variable name:** AST_core8**Description:** Measurable range indicator for Aspartate Aminotransferase, Exam 8

Code or Value	Description	Count
1	Below measurable range	0
2	Within measurable range	3177
3	Above measurable range	0
.	Unknown	2453

ALBUMIN_CORE9**Variable name:** Albumin_core9**Description:** Albumin at Exam 9 (sample type: serum)**Units:** g/dL

Code or Value	Description	Count
2.8 – 5.3	Range of value	2557
.	Unknown	3073

ALT_CORE9

Variable name: ALT_core9
Description: Alanine Aminotransferase, Exam 9
Units: U/L

Code or Value	Description	Count
5 – 170	Range of value	2557
.	Unknown	3073

Note: The lower detectable limit for ALT is 5 U/L. ALT values below this limit were set to the lower detectable limit. Please use ALT_indicator_core9 to see which records are below this limit.

ALT_INDICATOR_CORE9

Variable name: ALT_core9
Description: Measurable range indicator for Alanine Aminotransferase, Exam 9

Code or Value	Description	Count
1	Below measurable range	5
2	Within measurable range	2552
3	Above measurable range	0
.	Unknown	3073

AST_CORE9

Variable name: AST_core9
Description: Aspartate Aminotransferase, Exam 9
Units: U/L

Code or Value	Description	Count
9 – 118	Range of value	2556
.	Unknown	3074

Note: The lower detectable limit for AST is 5 U/L. AST values below this limit were set to the lower detectable limit. Please use AST_indicator_core9 to see which records are below this limit.

HEMOGLOBIN_CORE1**Variable name:** Hemoglobin_core1**Description:** Hemoglobin at exam 1

Code or Value	Description	Count
76 – 203	Range of value	4592
.	Unknown	1038

HEMOGLOBIN_CORE2**Variable name:** Hemoglobin_core2**Description:** Hemoglobin at exam 2

Code or Value	Description	Count
75 – 195	Range of value	3693
.	Unknown	1937

WBC_CORE1**Variable name:** WBC_core1**Description:** White blood cell counts at exam 1

Code or Value	Description	Count
25 – 172	Range of value	4576
.	Unknown	1054

WBC_CORE2**Variable name:** WBC_core2**Description:** White blood cell counts at exam 2

Code or Value	Description	Count
29 – 243	Range of value	3693
.	Unknown	1937

HEMOGLOBIN_CORE9**Variable name:** Hemoglobin_core9**Description:** Hemoglobin at exam 9 (sample type: whole blood)**Units:** g/dL

Code or Value	Description	Count
8.7 – 18.5	Range of value	2544
.	Unknown	3086

WBC_CORE9

Variable name: WBC_core9
Description: White blood cell count at exam 9 (sample type: whole blood)
Units: thousands/uL

Code or Value	Description	Count
2.2 – 36.9	Range of value	2541
.	Unknown	3089

WBC_P_CORE9

Variable name: WBC_P_core9
Description: Abnormal population indicator for white blood cell count

Code or Value	Description	Count
0	Normal cell population	2492
1	Abnormal cell population, performed on an automated instrument, unable to verify	52
.	Unknown	3086

ASPIRIN_CORE2**Variable name:** Aspirin_core2**Description:** Aspirin use (tabs per day) at exam 2

Code or Value	Description	Count
0	No	2839
1 – 7	1-7 tabs per day	919
8	8 or more tabs per day	67
.	Unknown	1805

ASPIRIN_CORE3**Variable name:** Aspirin_core3**Description:** Aspirin use (tabs per week) at exam 3

Code or Value	Description	Count
0	No	2920
1 – 70	Number of tabs per week	935
.	Unknown	1775

ASPIRIN_CORE4**Variable name:** Aspirin_core4**Description:** Aspirin use (tabs per week) at exam 4

Code or Value	Description	Count
0	No	2956
1 – 96	Number of tabs per week	999
.	Unknown	1675

ASPIRIN_CORE5**Variable name:** Aspirin_core5**Description:** Number of days since last dose of aspirin

Code or Value	Description	Count
0	Never take	1650
1	Within 1 day	310
2 – 90	2-90 days	1588
98	98 days or more	206

.	Unknown	1876
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ASPIRIN_CORE6**Variable name:** Aspirin_core6**Description:** Take Aspirin regularly at exam 6

Code or Value	Description	Count
0	No	2507
1	Yes	1015
.	Unknown	2108

ASPIRIN_CORE7**Variable name:** Aspirin_core7**Description:** Take Aspirin regularly at exam 7

Code or Value	Description	Count
0	No	2325
1	Yes	1211
.	Unknown	2094

NSAIDS_CORE3**Variable name:** NSAIDs_core3**Description:** NSAIDs use at exam 3

Code or Value	Description	Count
0	No	3653
1	Yes (now)	147
2	Yes (not now)	69
3	Maybe	2
.	Unknown	1759

NSAIDS_CORE4**Variable name:** NSAIDs_core4**Description:** NSAIDs use at exam 4

Code or Value	Description	Count
0	No	3501

1	Yes (now)	338
2	Yes (not now)	175
3	Maybe	0
.	Unknown	1616

NSAIDS_CORE5**Variable name:** NSAIDs_core5**Description:** NSAIDs use at exam 5

Code or Value	Description	Count
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0	No	3143
1	Yes (now)	402
2	Yes (not now)	250
3	Maybe	2
.	Unknown	1833

NSAIDS_CORE6**Variable name:** NSAIDs_core6**Description:** NSAIDs use at exam 6

Code or Value	Description	Count
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0	No	2946
1	Yes (now)	394
2	Yes (not now)	184
3	Maybe	6
.	Unknown	2100

NSAIDS_CORE7**Variable name:** NSAIDs_core7**Description:** NSAIDs use at exam 7

Code or Value	Description	Count
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0	No	2841
1	Yes (now)	400
2	Yes (not now)	291
3	Maybe	4
.	Unknown	2094

CESD_CORE6_1**Variable name:** CESD_core6_1**Description:** CESD: I was bothered by things that usually don't bother me (at exam 6)

Code or Value	Description	Count
0	<1 day	2485
1	1 – 2 days	558
2	3 – 4 days	180
3	5 – 7 days	81
.	Unknown	2326

CESD_CORE6_2**Variable name:** CESD_core6_2**Description:** CESD: I did not feel like eating: my appetite was poor (at exam 6)

Code or Value	Description	Count
0	<1 day	2946
1	1 – 2 days	249
2	3 – 4 days	64
3	5 – 7 days	45
.	Unknown	2326

CESD_CORE6_3**Variable name:** CESD_core6_3**Description:** CESD: I felt that I could not shake off the blues, even with the help of family and friends (at exam 6)

Code or Value	Description	Count
0	<1 day	2790
1	1 – 2 days	337
2	3 – 4 days	121
3	5 – 7 days	55
.	Unknown	2327

CESD_CORE6_4**Variable name:** CESD_core6_4**Description:** CESD: I felt that I was just as good as other people (at exam 6)

Code or Value	Description	Count
0	<1 day	61
1	1 – 2 days	201
2	3 – 4 days	157
3	5 – 7 days	2852
.	Unknown	2359

CESD_CORE6_5**Variable name:** CESD_core6_5**Description:** CESD: I had trouble keeping my mind on what I was doing (at exam 6)

Code or Value	Description	Count
0	<1 day	2307
1	1 – 2 days	631
2	3 – 4 days	287
3	5 – 7 days	78
.	Unknown	2327

CESD_CORE6_6**Variable name:** CESD_core6_6**Description:** CESD: I felt depressed (at exam 6)

Code or Value	Description	Count
0	<1 day	2523
1	1 – 2 days	534
2	3 – 4 days	166
3	5 – 7 days	79
.	Unknown	2328

CESD_CORE6_7**Variable name:** CESD_core6_7**Description:** CESD: I felt that everything I did was an effort (at exam 6)

Code or Value	Description	Count
0	<1 day	2541
1	1 – 2 days	526
2	3 – 4 days	151
3	5 – 7 days	82
.	Unknown	2330

CESD_CORE6_8**Variable name:** CESD_core6_8**Description:** CESD: I felt hopeful about the future (at exam 6)

Code or Value	Description	Count
0	<1 day	110
1	1 – 2 days	302
2	3 – 4 days	358
3	5 – 7 days	2454
.	Unknown	2406

CESD_CORE6_9**Variable name:** CESD_core6_9**Description:** CESD: I thought my life had been a failure (at exam 6)

Code or Value	Description	Count
0	<1 day	3041
1	1 – 2 days	172
2	3 – 4 days	63
3	5 – 7 days	20
.	Unknown	2334

CESD_CORE6_10**Variable name:** CESD_core6_10**Description:** CESD: I felt fearful (at exam 6)

Code or Value	Description	Count
0	<1 day	2847
1	1 – 2 days	336
2	3 – 4 days	81
3	5 – 7 days	37
.	Unknown	2329

CESD_CORE6_11**Variable name:** CESD_core6_11**Description:** CESD: My sleep was restless (at exam 6)

Code or Value	Description	Count
0	<1 day	1718
1	1 – 2 days	949
2	3 – 4 days	348
3	5 – 7 days	283
.	Unknown	2332

CESD_CORE6_12**Variable name:** CESD_core6_12**Description:** CESD: I was happy (at exam 6)

Code or Value	Description	Count
0	<1 day	60
1	1 – 2 days	251
2	3 – 4 days	363
3	5 – 7 days	2623
.	Unknown	2333

CESD_CORE6_13**Variable name:** CESD_core6_13**Description:** CESD: I talked less than usual (at exam 6)

Code or Value	Description	Count
0	<1 day	2767
1	1 – 2 days	324
2	3 – 4 days	162
3	5 – 7 days	43
.	Unknown	2334

CESD_CORE6_14**Variable name:** CESD_core6_14**Description:** CESD: I felt lonely (at exam 6)

Code or Value	Description	Count
0	<1 day	2711
1	1 – 2 days	408
2	3 – 4 days	134
3	5 – 7 days	45
.	Unknown	2332

CESD_CORE6_15**Variable name:** CESD_core6_15**Description:** CESD: People were unfriendly (at exam 6)

Code or Value	Description	Count
0	<1 day	3034
1	1 – 2 days	222
2	3 – 4 days	32
3	5 – 7 days	11
.	Unknown	2331

CESD_CORE6_16**Variable name:** CESD_core6_16**Description:** CESD: I enjoyed life (at exam 6)

Code or Value	Description	Count
0	<1 day	37
1	1 – 2 days	195
2	3 – 4 days	282
3	5 – 7 days	2781
.	Unknown	2335

CESD_CORE6_17**Variable name:** CESD_core6_17**Description:** CESD: I had crying spells (at exam 6)

Code or Value	Description	Count
0	<1 day	2960
1	1 – 2 days	209
2	3 – 4 days	90
3	5 – 7 days	34
.	Unknown	2337

CESD_CORE6_18**Variable name:** CESD_core6_18**Description:** CESD: I felt sad (at exam 6)

Code or Value	Description	Count
0	<1 day	2246
1	1 – 2 days	789
2	3 – 4 days	182
3	5 – 7 days	83
.	Unknown	2330

CESD_CORE6_19**Variable name:** CESD_core6_19**Description:** CESD: I felt that people disliked me (at exam 6)

Code or Value	Description	Count
0	<1 day	3049
1	1 – 2 days	205
2	3 – 4 days	38
3	5 – 7 days	8
.	Unknown	2330

CESD_CORE6_20**Variable name:** CESD_core6_20**Description:** CESD: I felt that people disliked me (at exam 6)

Code or Value	Description	Count
0	<1 day	2524
1	1 – 2 days	566
2	3 – 4 days	143
3	5 – 7 days	65
.	Unknown	2332

CESD_TOTAL_CORE6**Variable name:** CESD_total_core6**Description:** CESD total score at exam 6

Code or Value	Description	Count
0 – 51	Range of value	3152
.	Unknown	2478

Note: The total CES-D scores are calculated for participants who answered all 20 questions.

CESD_CORE7_1**Variable name:** CESD_core7_1**Description:** CESD: I was bothered by things that usually don't bother me (at exam 7)

Code or Value	Description	Count
0	<1 day	2587
1	1 – 2 days	620
2	3 – 4 days	165
3	5 – 7 days	86
.	Unknown	2172

CESD_CORE7_2**Variable name:** CESD_core7_2**Description:** CESD: I did not feel like eating: my appetite was poor (at exam 7)

Code or Value	Description	Count
0	<1 day	3113
1	1 – 2 days	248
2	3 – 4 days	70
3	5 – 7 days	27
.	Unknown	2172

CESD_CORE7_3**Variable name:** CESD_core7_3**Description:** CESD: I felt that I could not shake off the blues, even with the help of family and friends (at exam 7)

Code or Value	Description	Count
0	<1 day	2936
1	1 – 2 days	363
2	3 – 4 days	105
3	5 – 7 days	52
.	Unknown	2174

CESD_CORE7_4**Variable name:** CESD_core7_4**Description:** CESD: I felt that I was just as good as other people (at exam 7)

Code or Value	Description	Count
0	<1 day	90
1	1 – 2 days	197
2	3 – 4 days	189
3	5 – 7 days	2907
.	Unknown	2247

CESD_CORE7_5**Variable name:** CESD_core7_5**Description:** CESD: I had trouble keeping my mind on what I was doing (at exam 7)

Code or Value	Description	Count
0	<1 day	2327
1	1 – 2 days	732
2	3 – 4 days	307
3	5 – 7 days	90
.	Unknown	2174

CESD_CORE7_6**Variable name:** CESD_core7_6**Description:** CESD: I felt depressed (at exam 7)

Code or Value	Description	Count
0	<1 day	2641
1	1 – 2 days	590
2	3 – 4 days	163
3	5 – 7 days	61
.	Unknown	2175

CESD_CORE7_7**Variable name:** CESD_core7_7**Description:** CESD: I felt that everything I did was an effort (at exam 7)

Code or Value	Description	Count
0	<1 day	2702
1	1 – 2 days	550
2	3 – 4 days	138
3	5 – 7 days	64
.	Unknown	2176

CESD_CORE7_8**Variable name:** CESD_core7_8**Description:** CESD: I felt hopeful about the future (at exam 7)

Code or Value	Description	Count
0	<1 day	127
1	1 – 2 days	323
2	3 – 4 days	447
3	5 – 7 days	2483
.	Unknown	2250

CESD_CORE7_9**Variable name:** CESD_core7_9**Description:** CESD: I thought my life had been a failure (at exam 7)

Code or Value	Description	Count
0	<1 day	3193
1	1 – 2 days	189
2	3 – 4 days	53
3	5 – 7 days	17
.	Unknown	2178

CESD_CORE7_10**Variable name:** CESD_core7_10**Description:** CESD: I felt fearful (at exam 7)

Code or Value	Description	Count
0	<1 day	2949
1	1 – 2 days	386
2	3 – 4 days	90
3	5 – 7 days	32
.	Unknown	2173

CESD_CORE7_11**Variable name:** CESD_core7_11**Description:** CESD: My sleep was restless (at exam 7)

Code or Value	Description	Count
0	<1 day	1840
1	1 – 2 days	928
2	3 – 4 days	369
3	5 – 7 days	320
.	Unknown	2173

CESD_CORE7_12**Variable name:** CESD_core7_12**Description:** CESD: I was happy (at exam 7)

Code or Value	Description	Count
0	<1 day	73
1	1 – 2 days	234
2	3 – 4 days	405
3	5 – 7 days	2738
.	Unknown	2180

CESD_CORE7_13**Variable name:** CESD_core7_13**Description:** CESD: I talked less than usual (at exam 7)

Code or Value	Description	Count
0	<1 day	2933
1	1 – 2 days	308
2	3 – 4 days	150
3	5 – 7 days	54
.	Unknown	2185

CESD_CORE7_14**Variable name:** CESD_core7_14**Description:** CESD: I felt lonely (at exam 7)

Code or Value	Description	Count
0	<1 day	2849
1	1 – 2 days	430
2	3 – 4 days	118
3	5 – 7 days	54
.	Unknown	2179

CESD_CORE7_15**Variable name:** CESD_core7_15**Description:** CESD: People were unfriendly (at exam 7)

Code or Value	Description	Count
0	<1 day	3168
1	1 – 2 days	237
2	3 – 4 days	39
3	5 – 7 days	10
.	Unknown	2176

CESD_CORE7_16**Variable name:** CESD_core7_16**Description:** CESD: I enjoyed life (at exam 7)

Code or Value	Description	Count
0	<1 day	55
1	1 – 2 days	202
2	3 – 4 days	287
3	5 – 7 days	2907
.	Unknown	2179

CESD_CORE7_17**Variable name:** CESD_core7_17**Description:** CESD: I had crying spells (at exam 7)

Code or Value	Description	Count
0	<1 day	3146
1	1 – 2 days	223
2	3 – 4 days	67
3	5 – 7 days	22
.	Unknown	2172

CESD_CORE7_18**Variable name:** CESD_core7_18**Description:** CESD: I felt sad (at exam 7)

Code or Value	Description	Count
0	<1 day	2402
1	1 – 2 days	836
2	3 – 4 days	168
3	5 – 7 days	51
.	Unknown	2173

CESD_CORE7_19**Variable name:** CESD_core7_19**Description:** CESD: I felt that people disliked me (at exam 7)

Code or Value	Description	Count
0	<1 day	3216
1	1 – 2 days	209
2	3 – 4 days	28
3	5 – 7 days	4
.	Unknown	2173

CESD_CORE7_20**Variable name:** CESD_core7_20**Description:** CESD: I felt that people disliked me (at exam 7)

Code or Value	Description	Count
0	<1 day	2630
1	1 – 2 days	642
2	3 – 4 days	125
3	5 – 7 days	58
.	Unknown	2175

CESD_TOTAL_CORE7**Variable name:** CESD_total_core7**Description:** CESD total score at exam 7

Code or Value	Description	Count
0 – 52	Range of value	3274
.	Unknown	2356

DEPRESSRX_CORE3**Variable name:** DepressRX_core3**Description:** Anti-depressant use at exam 3

Code or Value	Description	Count
0	No	3786
1	Yes (now)	72
2	Yes (not now)	12
3	Maybe	0
.	Unknown	1760

DEPRESSRX_CORE4**Variable name:** DepressRX_core4**Description:** Anti-depressant use at exam 4

Code or Value	Description	Count
0	No	3909
1	Yes (now)	94
2	Yes (not now)	10
3	Maybe	0
.	Unknown	1617

DEPRESSRX_CORE5**Variable name:** DepressRX_core5**Description:** Anti-depressant use at exam 5

Code or Value	Description	Count
0	No	3653
1	Yes (now)	128
2	Yes (not now)	17
3	Maybe	0
.	Unknown	1832

DEPRESSRX_CORE6**Variable name:** DepressRX_core6**Description:** Anti-depressant use at exam 6

Code or Value	Description	Count
0	No	3288
1	Yes (now)	228
2	Yes (not now)	14
3	Maybe	0
.	Unknown	2100

DEPRESSRX_CORE7**Variable name:** DepressRX_core7**Description:** Anti-depressant use at exam 7

Code or Value	Description	Count
0	No	2859
1	Yes (now)	274
2	Yes (not now)	168
3	Maybe	0
.	Unknown	2329

H708**Variable name:** h708**Description:****Units:**

Code or Value	Description	Count
0 – 8	Range of value	289
.	Unknown	5341

CRP_CORE2

Variable name: CRP_core2
Description: C-reactive protein, Exam 2
Units: mg/L

Code or Value	Description	Count
0.16 – 68.98	Range of value	3536
.	Unknown	2094

CRP_CORE6

Variable name: CRP_core6
Description: C-reactive protein, Exam 6
Units: mg/L

Code or Value	Description	Count
0.16 – 255.80	Range of value	3358
.	Unknown	2272

CRP_CORE7

Variable name: CRP_core7
Description: C-reactive protein, Exam 7
Units: mg/L

Code or Value	Description	Count
0.16 – 250.50	Range of value	3301
.	Unknown	2329

CRP_CORE8

Variable name: CRP_core8
Description: C-reactive protein, Exam 8
Units: mg/L

Code or Value	Description	Count
0.14 – 162.89	Range of value	3178
.	Unknown	2452

Note: 0.14 mg/L - Cases which measured below the lowest detectable assay limit of 0.15 mg/L were set to 0.14 mg/L (n = 21). The user should determine how to handle these cases.

CRP_CORE9

Variable name: CRP_core9
Description: C-reactive protein, Exam 9
Units: mg/L

Code or Value	Description	Count
0.15 – 74.36	Range of value	2557
.	Unknown	3073

CRP_INDICATOR_CORE9

Variable name: CRP_core9
Description: Measurable range indicator for C-reactive protein, Exam 9

Code or Value	Description	Count
1	Below measurable range	18
2	Within measurable range	2539
3	Above measurable range	0
.	Unknown	3073

FIBRINOGEN_CORE5

Variable name: Fibrinogen_core5
Description: Concentration of fibrinogen, Exam 5
Units: mg/dL

Code or Value	Description	Count
138 – 815	Range of value	3568
.	Unknown	2062

FIBRINOGEN_CORE6

Variable name: Fibrinogen_core6
Description: Concentration of fibrinogen, Exam 6
Units: mg/dL

Code or Value	Description	Count
.		

123 – 789	Range of value	3451
.	Unknown	2179

FIBRINOGEN_CORE7

Variable name: Fibrinogen_core7
Description: Concentration of fibrinogen, Exam 7
Units: mg/dL

Code or Value	Description	Count
181 – 1194	Range of value	3301
.	Unknown	2329

ICAM1_CORE7

Variable name: ICAM1_core7
Description: Intercellular Adhesion Molecule 1, Exam 7
Units: ng/mL

Code or Value	Description	Count
28.95 – 1332.11	Range of value	3303
.	Unknown	2327

ICAM1_CORE8

Variable name: ICAM1_core8
Description: Intercellular Adhesion Molecule 1, Exam 8
Units: ng/mL

Code or Value	Description	Count
1.86 – 1034.32	Range of value	3070
.	Unknown	2560

MCP1_CORE7

Variable name: MCP1_core7
Description: Monocyte Chemotactic Protein 1, Exam 7
Units: pg/mL

Code or Value	Description	Count
31.10 – 2139.82	Range of value	3242

.	Unknown	2388
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MCP1_CORE8

Variable name: MCP1_core8
Description: Monocyte Chemotactic Protein 1, Exam 8
Units: pg/mL

Code or Value	Description	Count
48.68 – 2675.57	Range of value	3068
.	Unknown	2562

INTERLEUKIN6_CORE7

Variable name: Interleukin6_core7
Description: Interleukin-6, Exam 7
Units: pg/mL

Code or Value	Description	Count
0.37 – 104.37	Range of value	3297
.	Unknown	2333

INTERLEUKIN6_CORE8

Variable name: Interleukin6_core8
Description: Interleukin-6, Exam 8
Units: pg/mL

Code or Value	Description	Count
0.15 – 27.30	Range of value	3067
.	Unknown	2563

INTERLEUKIN18_CORE7

Variable name: Interleukin18_core7
Description: Interleukin-18, Exam 7
Units: pg/mL

Code or Value	Description	Count
128.00 – 1469.70	Range of value	3189
.	Unknown	2441

AMYLOID40_CORE7

Variable name: Amyloid40_core7
Description: Amyloid β 40, Exam 7 (Sample Type: EDTA plasma)
Units: pg/mL

Code or Value	Description	Count
8.0 – 989.6	Range of value	3664
.	Unknown	1966

Note: The lower detectable limit for BETA AMYLOID 40 is 8.0 pg/mL. BETA AMYLOID values below these limits were set to the lower detectable. Use Amyloid40_indicator_core7 to see which records are below these limits.

AMYLOID40_INDICATOR_CORE7

Variable name: Amyloid40_indicator_core7
Description: Measurable range indicator for Amyloid β 40, Exam 7

Code or Value	Description	Count
1	Below measurable range	1
2	Within measurable range	3663
3	Above measurable range	0
.	Unknown	1966

AMYLOID42_CORE7

Variable name: Amyloid42_core7
Description: Amyloid β 42, Exam 7 (Sample Type: EDTA plasma)
Units: pg/mL

Code or Value	Description	Count
15.50 – 127.40	Range of value	3664
.	Unknown	1966

MYELOPEROZIDASE_CORE7

Variable name: Myeloperoxidase_core7
Description:
Units:

Code or Value	Description	Count
3.75 – 376.99	Range of value	3190
.	Unknown	2440

CD40_CORE7

Variable name: CD40_core7
Description: CD40 ligand from plasma, Exam 7
Units: ng/mL

Code or Value	Description	Count
0.07 – 29.45	Range of value	3305
.	Unknown	2325

This coding manual only includes variables for the first five neuropsychological assessments for each participant. The naming system is similar for the variables of the remaining neuropsychological assessments.

EXAMDATE1

Variable name: examdate1
Description: Date of the first NP exam (MMDDYYYY)

Code or Value	Description	Count
1992 – 2018	Range of value	3383
.	Unknown	2247

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

AGE1

Variable name: age1
Description: Age of participant at first NP exam

Code or Value	Description	Count
34 – 100	Range of value	3383
.	Unknown	2247

BATTERY1

Variable name: battery1
Description: Form of the battery used for first NP exam

Code or Value	Description	Count
1	Short form	3078
2	Long form	305
.	Unknown	2247

MARITAL1

Variable name: marital1
Description: Current marital status, NP exam 1

Code or Value	Description	Count
1	Single	250
2	Married	2422
3	Widowed	325
4	Divorced	336
5	Separated	43
6	Other	0
.	Unknown	2254

HANDEDNESS1

Variable name: handedness1
Description: Subject's handedness, NP Exam 1 (self-reporting)

Code or Value **Description** **Count**

1	Right	2926
2	Left	309
3	Ambidextrous	141
.	Unknown	2254

EMPLOYMENT1

Variable name: employment1
Description: Employment status at first NP exam

Code or Value **Description** **Count**

0	Works full time	1346
1	Works part-time	459
2	Not working due to disability	5
3	Retired, no longer works	226
4	Unemployed (expects to return to work)	1241
5	Never worked for pay outside home	4
6	Volunteer	17
7	Other	5
10	Full-time student	1
11	Homemaker, expects to return to work	1
.	Unknown	2325

EDUCATION_B11

Variable name: education_b11
Description: Highest Education Level Completed (Collected from NP battery1), NP Exam 1

Code or Value	Description	Count
0	None	0
1	4th grade or less	13
2	5th, 6th, or 7th grades	13
3	Grade school graduate; no high school	18
4	High school, did not graduate	94
5	High school diploma	848
6	College, did not graduate	437
7	College graduate	583
8	Postgraduate school	585
10	High school and business college, nursing school, music school, or art school only	297
.	Unknown	2742

EDUCATION_B21

Variable name: education_b21
Description: Highest Education Level Completed (Collected from NP battery2), NP Exam 1

Code or Value	Description	Count
0	None	0
1	4th grade or less	0
2	5th, 6th, or 7th grades	4
3	Grade school graduate; no high school	6
4	High school, did not graduate	13
5	High school diploma	101
6	GED	10
7	Some college course-work for credit (no certificate or degree)	42

8	Junior college – earned certificate or degree (e.g., AD)	28
9	Business college, nursing school, music school, art school	16
10	Technical School (post-HS) – earned certificate	19
11	Four Year College, partial	19
12	Four Year College, graduate	74
13	Graduate School, partial (no Masters degree)	10
14	Graduate School (Masters)	60
15	Graduate School (Doctorate)	15
.	Unknown	5213

EDUCG1

Variable name: educg1
Description: Education group (derived variable), NP Exam 1

Code or Value	Description	Count
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0	High school did not graduate	161
1	High school graduate	959
2	Some college	839
3	College graduate	1346
.	Unknown	2325

OCCUP_B11

Variable name: occup_b11
Description: Occupation from NP battery1, NP Exam 1

Code or Value	Description	Count
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1	Major professionals	931
2	Business managers	411
3	Administrative personnel	399
4	Clerical and sales workers	540
5	Skilled manual employees	412
6	Semi-skilled employees	158
7	Unskilled employed	32
8	Never employed	5

.	Unknown	2742
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OCCUP_B21

Variable name: occup_b21
Description: Occupation from NP battery2, NP Exam 1

Code or Value	Description	Count
1	Professional, Technical and Related Occupations	126
2	Executive, Administrative, and Managerial Occupations	92
3	Sales Occupations	22
4	Administrative Support Occupations, Including Clerical	76
5	Precision Production, Craft, and Repair Occupations	25
6	Machine Operators, Assemblers, and Inspectors	19
7	Transportation and Material Moving Occupations	7
8	Handlers, Equipment Cleaners, Helpers, and Laborers	14
9	Service Occupations, Except Private Household	25
10	Never employed for pay (e.g., homemaker)	4
.	Unknown	5220

LMI1

Variable name: lmi1
Description: Total number correct verbatim and paraphrases from “Logical Memories – Immediate Recall”, NP Exam 1 (Range: 0 – 23)

Code or Value	Description	Count
0 – 22	Range of value	3370
.	Unknown	2260

LMD1

Variable name: lmd1
Description: Total number correct verbatim and paraphrases from “Logical Memories – Delayed Recall”, NP Exam 1 (Range: 0 – 23)

Code or Value	Description	Count
0 – 23	Range of value	3365
.	Unknown	2265

LMR1

Variable name: lmr1
Description: Logical Memories – Recognition, NP Exam 1 (Range: 0 – 11)

Code or Value	Description	Count
1 – 11	Range of value	3291
.	Unknown	2339

LMI_JOE1

Variable name: lmi_joe1
Description: Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Immediate Recall” (only for Joe Garcia), NP Exam 1 (Range: 0 – 23)

Code or Value	Description	Count
0 – 18	Range of value	49
.	Unknown	5581

LMD_JOE1

Variable name: lmd_joe1
Description: Total number of correct verbatim and paraphrases from WMS -III “Logical Memory – Delayed Recall” (only for Joe Garcia), NP Exam 1 (Range: 0 – 23)

Code or Value	Description	Count
0 – 23	Range of value	49
.	Unknown	5581

LMR_JOE1

Variable name: lmr_joe1
Description: Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Recognition” (only for Joe Garcia), NP Exam 1 (Range: 0 – 11)

Code or Value	Description	Count
1 – 11	Range of value	49
.	Unknown	5581

VRI1

Variable name: vri1
Description: Total points scored from “Visual Reproductions – Immediate Recall”, NP Exam 1 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	3354
.	Unknown	2276

VRD1

Variable name: vrd1
Description: Total points scored from “Visual Reproductions – Delayed Recall”, NP Exam 1 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	3347
.	Unknown	2283

VRR1

Variable name: vrr1
Description: Total points scored from “Visual Reproductions – Recognition”, NP Exam 1 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	3346
.	Unknown	2284

PASI1

Variable name: pasi1
Description: Total Score from “Paired Associate Learning – Immediate Recall”, NP Exam 1 (Range 0 – 21)

Code or Value	Description	Count
0 – 21	Range of value	3331
.	Unknown	2299

PASI_E1

Variable name: pasi_e1
Description: Easy Score from “Paired Associate Learning – Immediate Recall”, NP Exam 1 (Range: 0 – 18)

Code or Value	Description	Count
0 – 18	Range of value	3332
.	Unknown	2298

PASI_H1

Variable name: pasi_h1
Description: Hard Score from “Paired Associate Learning – Immediate Recall”, NP Exam 1 (Range: 0 – 12)

Code or Value	Description	Count
0 – 12	Range of value	3331
.	Unknown	2299

PASD1

Variable name: pasd1
Description: Total Score from “Paired Associate Learning – Delayed Recall”, NP Exam 1 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	3267
.	Unknown	2363

PASD_E1

Variable name: pasd_e1
Description: Easy Score from “Paired Associate Learning – Delayed Recall”, NP Exam 1
(Range: 0 – 6)

Code or Value	Description	Count
0 – 6	Range of value	3267
.	Unknown	2363

PASD_H1

Variable name: pasd_h1
Description: Hard Score from “Paired Associate Learning – Delayed Recall”, NP Exam 1
(Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	3267
.	Unknown	2363

PASR1

Variable name: pasr1
Description: Total Score from “Paired Associate Learning - Recognition”, NP Exam 1
(Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	400
.	Unknown	5230

DSF1

Variable name: dsf1
Description: Highest string from “Digits Forward Span”, NP Exam 1 (Range: 0 – 9)

Code or Value	Description	Count
0 – 9	Range of value	625
.	Unknown	5005

DSB1

Variable name: dsb1
Description: Highest string from “Digits Backward Span”, NP Exam 1 (Range: 0 – 8)

Code or Value	Description	Count
0 – 8	Range of value	613
.	Unknown	5017

TRAILSA1

Variable name: trailsA1
Description: Time in minutes to finish “Trail A”, NP Exam 1 – capped at 7 minutes (Range: 0.10 – 7.0)

Code or Value	Description	Count
0.20 – 7.0	Range of value	3264
.	Unknown	2366

TRAILSB1

Variable name: trailsB1
Description: Time in minutes to finish “Trail B”, NP Exam 1 – capped at 10 minutes (Range: 0.32 – 10.0)

Code or Value	Description	Count
0.40 – 10.0	Range of value	3234
.	Unknown	2396

SIM1

Variable name: sim1
Description: Total raw score from “Similarities Test”, NP Exam 1 (Range: 0 – 26)

Code or Value	Description	Count
0 – 25	Range of value	3360
.	Unknown	2270

HVOT1

Variable name: hvot1
Description: Total score from “Hooper Visual Organization Test”, NP Exam 1 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	3257
.	Unknown	2373

BNT101

Variable name: bnt101
Description: Correct score without cue from 10 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	3350
.	Unknown	2280

BNT10_SEMANTIC1

Variable name: bnt10_semantic1
Description: Correct score with semantic cue from 10 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 10)

Code or Value	Description	Count
0 – 2	Range of value	3281
.	Unknown	2349

BNT10_PHONEMIC1

Variable name: bnt10_phonemic1
Description: Correct score with phonemic cue from 10 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	3281
.	Unknown	2349

BNT301

Variable name: bnt301
Description: Correct score without cue from 30 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	3281
.	Unknown	2349

BNT30_SEMANTIC1

Variable name: bnt30_semantic1
Description: Correct score with semantic cue from 30 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 30)

Code or Value	Description	Count
0 – 4	Range of value	3281
.	Unknown	2349

BNT30_PHONEMIC1

Variable name: bnt30_phonemic1
Description: Correct score with phonemic cue from 30 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 30)

Code or Value	Description	Count
0 – 9	Range of value	3281
.	Unknown	2349

BNT361

Variable name: bnt361
Description: Correct score without cue from 36 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 36)

Code or Value	Description	Count
5 – 36	Range of value	3181
.	Unknown	2449

BNT36_SEMANTIC1

Variable name: bnt36_semantic1
Description: Correct score with semantic cue from 36 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 36)

Code or Value	Description	Count
0 – 5	Range of value	3181
.	Unknown	2449

BNT36_PHONEMIC1

Variable name: bnt36_phonemic1
Description: Correct score with phonemic cue from 36 items of “Boston Naming Test”, NP Exam 1 (Range: 0 – 36)

Code or Value	Description	Count
0 – 10	Range of value	3181
.	Unknown	2449

FINGTAPR1

Variable name: FingTapR1
Description: Mean of five trials of “Finger-tapping” of right hand, NP Exam 1

Code or Value	Description	Count
8 – 72	Range of value	2937
.	Unknown	2693

FINGTAPL1

Variable name: FingTapL1
Description: Mean of five trials of “Finger-tapping” of left hand, NP Exam 1

Code or Value	Description	Count
7 – 74	Range of value	2926
.	Unknown	2704

WRAT1

Variable name: wrat1
Description: Raw Score from “Wide Range Achievement Test –Reading”, NP Exam 1
(Range: 15 – 57)

Code or Value	Description	Count
15 – 57	Range of value	3178
.	Unknown	2452

FAS1

Variable name: fas1
Description: The total words from the Controlled Oral Word Association Test, NP Exam 1

Code or Value	Description	Count
0 – 84	Range of value	594
.	Unknown	5036

FAS_ANIMAL1

Variable name: fas_animal1
Description: The total words from the animal part of the Category Naming Test, NP Exam 1

Code or Value	Description	Count
2 – 33	Range of value	384
.	Unknown	5246

Note: this variable only available on “NP battery2”

BD1

Variable name: bd1
Description: Total Score from “Block Design”, NP Exam 1 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	269
.	Unknown	5361

WAIS1

Variable name: wais1
Description: Total correct answers from “WAIS test”, NP Exam 1 (Range: 0 – 29)

Code or Value	Description	Count
1 – 29	Range of value	280
.	Unknown	5350

MRI3521

Variable name: mri3521
Description: Tester’s impression of participant’s dementia status (Not verified), NP Exam 1

Code or Value	Description	Count
0	Not demented	3151
0.25	Not demented/MCI	29
0.5	Mild Cognitive Impairment	60
1	Mildly Demented	101
1.5	Mild – Moderately Demented	6
2	Moderately Demented	6
2.5	Moderately – Severely Demented	1
3	Severely Demented	1
5	Non-progressive impairment	1
.	Unknown	2274

CODING_CORRECT1

Variable name: coding_correct1
Description: Total correct from WAIS-IV Coding, NP Exam 1

Code or Value	Description	Count
12 – 91	Range of value	119
.	Unknown	5511

CODING_INCORRECT1

Variable name: coding_incorrect1
Description: Total incorrect from WAIS-IV Coding, NP Exam 1

Code or Value	Description	Count
0 – 4	Range of value	119
.	Unknown	5511

INCIDENTAL_PAIRED1

Variable name: Incidental_paired1
Description: Total correct from Paired Incidental Learning (Given the number from Coding, the participant had to draw the appropriate symbol associated with that number; each number is presented twice), NP Exam 1

Code or Value	Description	Count
0 – 14	Range of value	115
.	Unknown	5515

INCIDENTAL_FREE1

Variable name: Incidental_free1
Description: Total correct from Free Recall Incidental Learning (The participant was asked to draw all the symbols they remember from the Coding task, without having to identify which number accompanied the symbol), NP Exam 1

Code or Value	Description	Count
0 – 9	Range of value	115
.	Unknown	5515

MATH_CORRECT1

Variable name: Math_correct1
Description: Total correct responses for Math Fluency, NP Exam 1

Code or Value	Description	Count
0 – 160	Range of value	109
.	Unknown	5521

MATH_INCORRECT_ADD1

Variable name: Math_incorrect_add1
Description: Incorrect responses for addition problems, NP Exam 1

Code or Value	Description	Count
0 – 7	Range of value	104
.	Unknown	5526

MATH_INCORRECT_SUB1

Variable name: Math_incorrect_sub1
Description: Incorrect responses for subtraction problems, NP Exam 1

Code or Value	Description	Count
0 – 4	Range of value	104
.	Unknown	5526

MATH_INCORRECT_MUL1

Variable name: Math_incorrect_mul1
Description: Incorrect responses for multiplication problems, NP Exam 1

Code or Value	Description	Count
0 – 21	Range of value	104
.	Unknown	5526

RIGHT_OPEN1

Variable name: right_open1
Description: Seconds from balance test on right leg with eyes open (maximum time is set at 30 seconds), NP Exam 1

Code or Value	Description	Count
3 – 30	Range of value	9
.	Unknown	5621

LEFT_OPEN1

Variable name: left_open1
Description: Seconds from balance test on left leg with eyes open (maximum time is set at 30 seconds), NP Exam 1

Code or Value	Description	Count
2 – 30	Range of value	9
.	Unknown	5621

RIGHT_CLOSE1

Variable name: right_close1
Description: Seconds from balance test on right leg with eyes closed (maximum time is set at 30 seconds), NP Exam 1

Code or Value	Description	Count
0 – 6	Range of value	9
.	Unknown	5621

LEFT_CLOSE1

Variable name: left_close1
Description: Seconds from balance test on left leg with eyes closed (maximum time is set at 30 seconds), NP Exam 1

Code or Value	Description	Count
0 – 9	Range of value	7
.	Unknown	5623

EXAMDATE2

Variable name: examdate2
Description: Date of the second NP exam (MMDDYYYY)

Code or Value	Description	Count
1996 – 2018	Range of value	2510
.	Unknown	3120

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

AGE2

Variable name: age2
Description: Age of participant at second NP exam

Code or Value	Description	Count
39 – 96	Range of value	2510
.	Unknown	3120

BATTERY2

Variable name: battery2
Description: Form of the battery used for second NP exam

Code or Value	Description	Count
1	Short form	1806
2	Long form	702
21	Novel G3 battery	2
.	Unknown	3120

MARITAL2

Variable name: marital2
Description: Current marital status, NP Exam 2

Code or Value	Description	Count
1	Single	145
2	Married	1718
3	Widowed	343

4	Divorced	267
5	Separated	19
6	Other	7
.	Unknown	3131

HANDEDNESS2

Variable name: handedness2
Description: Subject's handedness, NP Exam 2 (self-reporting)

Code or Value	Description	Count
1	Right	2134
2	Left	204
3	Ambidextrous	166
.	Unknown	3126

EMPLOYMENT2

Variable name: employment2
Description: Employment status at second NP exam

Code or Value	Description	Count
0	Works full time	722
1	Works part-time	354
2	Not working due to disability	16
3	Retired, no longer works	939
4	Unemployed (expects to return to work)	357
5	Never worked for pay outside home	17
6	Volunteer	55
7	Other	14
10	Full-time student	0
11	Homemaker, expects to return to work	0
.	Unknown	3156

EDUCATION_B12

Variable name: education_b12
Description: Highest Education Level Completed (Collected from NP battery1), NP Exam 2

Code or Value	Description	Count
0	None	0
1	4th grade or less	2

2	5th, 6th, or 7th grades	1
3	Grade school graduate; no high school	5
4	High school, did not graduate	20
5	High school diploma	123
6	College, did not graduate	80
7	College graduate	101
8	Postgraduate school	121
10	High school and business college, nursing school, music school, or art school only	41
.	Unknown	5136

EDUCATION_B22**Variable name:** education_b22**Description:** Highest Education Level Completed (Collected from NP battery2), NP Exam 2

Code or Value	Description	Count
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0	None	0
1	4th grade or less	4
2	5th, 6th, or 7th grades	6
3	Grade school graduate; no high school	11
4	High school, did not graduate	60
5	High school diploma	475
6	GED	13
7	Some college course-work for credit (no certificate or degree)	185
8	Junior college – earned certificate or degree (e.g., AD)	155
9	Business college, nursing school, music school, art school	83
10	Technical School (post-HS) – earned certificate	76
11	Four Year College, partial	100
12	Four Year College, graduate	362

13	Graduate School, partial (no Masters degree)	68
14	Graduate School (Masters)	302
15	Graduate School (Doctorate)	82
.	Unknown	3648

EDUCG2**Variable name:** educg2**Description:** Education group (derived variable), NP Exam 2

Code or Value	Description	Count
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0	High school did not graduate	109
1	High school graduate	611
2	Some college	620
3	College graduate	1136
.	Unknown	3154

OCCUP_B12**Variable name:** occup_b12**Description:** Occupation from NP battery1, NP Exam 2

Code or Value	Description	Count
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1	Major professionals	162
2	Business managers	85
3	Administrative personnel	73
4	Clerical and sales workers	74
5	Skilled manual employees	63
6	Semi-skilled employees	28
7	Unskilled employed	6
8	Never employed	3
.	Unknown	5136

OCCUP_B22**Variable name:** occup_b22**Description:** Occupation from NP battery2, NP Exam 2

Code or Value	Description	Count
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1	Professional, Technical and Related Occupations	709
2	Executive, Administrative, and Managerial Occupations	414
3	Sales Occupations	113
4	Administrative Support Occupations, Including Clerical	341
5	Precision Production, Craft, and Repair Occupations	117
6	Machine Operators, Assemblers, and Inspectors	64
7	Transportation and Material Moving Occupations	28
8	Handlers, Equipment Cleaners, Helpers, and Laborers	39
9	Service Occupations, Except Private Household	103
10	Never employed for pay (e.g., homemaker)	18
.	Unknown	3684

LMI2**Variable name:** lmi2**Description:** Total number correct verbatim and paraphrases from "Logical Memories – Immediate Recall", NP Exam 2 (Range: 0 – 23)

Code or Value	Description	Count
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0 – 22	Range of value	2495
.	Unknown	3135

LMD2**Variable name:** lmd2**Description:** Total number correct verbatim and paraphrases from "Logical Memories – Delayed Recall", NP Exam 2 (Range: 0 – 23)

Code or Value	Description	Count
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0 – 22	Range of value	2485
.	Unknown	3145

LMR2**Variable name:** lmr2**Description:** Logical Memories – Recognition, NP Exam 2 (Range: 0 – 11)

Code or Value	Description	Count
1 – 11	Range of value	2460
.	Unknown	3170

LMI_JOE2**Variable name:** lmi_joe2**Description:** Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Immediate Recall” (only for Joe Garcia), NP Exam 2 (Range: 0 – 23)

Code or Value	Description	Count
2 – 19	Range of value	116
.	Unknown	5514

LMD_JOE2**Variable name:** lmd_joe2**Description:** Total number of correct verbatim and paraphrases from WMS -III “Logical Memory – Delayed Recall” (only for Joe Garcia), NP Exam 2 (Range: 0 – 23)

Code or Value	Description	Count
0 – 19	Range of value	117
.	Unknown	5513

LMR_JOE2**Variable name:** lmr_joe2**Description:** Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Recognition” (only for Joe Garcia), NP Exam 2 (Range: 0 – 11)

Code or Value	Description	Count
4 – 11	Range of value	116
.	Unknown	5514

VRI2

Variable name: vri2
Description: Total points scored from “Visual Reproductions – Immediate Recall”, NP Exam 2 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	2477
.	Unknown	3153

VRD2

Variable name: vrd2
Description: Total points scored from “Visual Reproductions – Delayed Recall”, NP Exam 2 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	2463
.	Unknown	3167

VRR2

Variable name: vrr2
Description: Total points scored from “Visual Reproductions – Recognition”, NP Exam 2 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	2464
.	Unknown	3166

PASI2

Variable name: pasi2
Description: Total Score from “Paired Associate Learning – Immediate Recall”, NP Exam 2 (Range 0 – 21)

Code or Value	Description	Count
0 – 21	Range of value	2442
.	Unknown	3188

PASI_E2

Variable name: pasi_e2
Description: Easy Score from “Paired Associate Learning – Immediate Recall”, NP Exam 2 (Range: 0 – 18)

Code or Value	Description	Count
0 – 18	Range of value	2442
.	Unknown	3188

PASI_H2

Variable name: pasi_h2
Description: Hard Score from “Paired Associate Learning – Immediate Recall”, NP Exam 2 (Range: 0 – 12)

Code or Value	Description	Count
0 – 12	Range of value	2442
.	Unknown	3188

PASD2

Variable name: pasd2
Description: Total Score from “Paired Associate Learning – Delayed Recall”, NP Exam 2 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	2426
.	Unknown	3204

PASD_E2

Variable name: pasd_e2
Description: Easy Score from “Paired Associate Learning – Delayed Recall”, NP Exam 2 (Range: 0 – 6)

Code or Value	Description	Count
0 – 6	Range of value	2426
.	Unknown	3204

PASD_H2

Variable name: pasd_h2
Description: Hard Score from “Paired Associate Learning – Delayed Recall”, NP Exam 2 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	2427
.	Unknown	3203

PASR2

Variable name: pasr2
Description: Total Score from “Paired Associate Learning - Recognition”, NP Exam 2 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	1931
.	Unknown	3699

DSF2

Variable name: dsf2
Description: Highest string from “Digits Forward Span”, NP Exam 2 (Range: 0 – 9)

Code or Value	Description	Count
0 – 9	Range of value	2262
.	Unknown	3368

DSB2

Variable name: dsb2
Description: Highest string from “Digits Backward Span”, NP Exam 2 (Range: 0 – 8)

Code or Value	Description	Count
0 – 8	Range of value	2238
.	Unknown	3392

TRAILS A2

Variable name: trailsA2
Description: Time in minutes to finish “Trail A”, NP Exam 2 – capped at 7 minutes
(Range: 0.10 – 7.0)

Code or Value	Description	Count
0.17 – 7.0	Range of value	2410
.	Unknown	3220

TRAILS B2

Variable name: trailsB2
Description: Time in minutes to finish “Trail B”, NP Exam 2 – capped at 10 minutes
(Range: 0.32 – 10.0)

Code or Value	Description	Count
0.37 – 10.0	Range of value	2342
.	Unknown	3288

SIM2

Variable name: sim2
Description: Total raw score from “Similarities Test”, NP Exam 2 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	2489
.	Unknown	3141

HVOT2

Variable name: hvot2
Description: Total score from “Hooper Visual Organization Test”, NP Exam 2 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	2370
.	Unknown	3260

BNT102

Variable name: bnt102
Description: Correct score without cue from 10 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	2445
.	Unknown	3185

BNT10_SEMANTIC2

Variable name: bnt10_semantic2
Description: Correct score with semantic cue from 10 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	2422
.	Unknown	3208

BNT10_PHONEMIC2

Variable name: bnt10_phonemic2
Description: Correct score with phonemic cue from 10 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	2422
.	Unknown	3208

BNT302

Variable name: bnt302
Description: Correct score without cue from 30 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	2422
.	Unknown	3208

BNT30_SEMANTIC2

Variable name: bnt30_semantic2
Description: Correct score with semantic cue from 30 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 30)

Code or Value	Description	Count
0 – 5	Range of value	2422
.	Unknown	3208

BNT30_PHONEMIC2

Variable name: bnt30_phonemic2
Description: Correct score with phonemic cue from 30 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 30)

Code or Value	Description	Count
0 – 9	Range of value	2422
.	Unknown	3208

BNT362

Variable name: bnt362
Description: Correct score without cue from 36 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 36)

Code or Value	Description	Count
7 – 36	Range of value	2407
.	Unknown	3223

BNT36_SEMANTIC2

Variable name: bnt36_semantic2
Description: Correct score with semantic cue from 36 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 36)

Code or Value	Description	Count
0 – 6	Range of value	2407
.	Unknown	3223

BNT36_PHONEMIC2

Variable name: bnt36_phonemic2
Description: Correct score with phonemic cue from 36 items of “Boston Naming Test”, NP Exam 2 (Range: 0 – 36)

Code or Value	Description	Count
0 – 9	Range of value	2407
.	Unknown	3223

FINGTAPR2

Variable name: FingTapR2
Description: Mean of five trials of “Finger-tapping” of right hand, NP Exam 2

Code or Value	Description	Count
11.2 – 72.6	Range of value	1560
.	Unknown	4070

FINGTAPL2

Variable name: FingTapL2
Description: Mean of five trials of “Finger-tapping” of left hand, NP Exam 2

Code or Value	Description	Count
11.2 – 65.0	Range of value	1548
.	Unknown	4082

WRAT2

Variable name: wrat2
Description: Raw Score from “Wide Range Achievement Test –Reading”, NP Exam 2 (Range: 15 – 57)

Code or Value	Description	Count
15 – 57	Range of value	2262
.	Unknown	3368

FAS2

Variable name: fas2
Description: The total words from the Controlled Oral Word Association Test, NP Exam 2

Code or Value	Description	Count
0 – 81	Range of value	2271
.	Unknown	3359

FAS_ANIMAL2

Variable name: fas_animal2
Description: The total words from the animal part of the Category Naming Test, NP Exam 2

Code or Value	Description	Count
0 – 37	Range of value	1919
.	Unknown	3711

Note: this variable only available on “NP battery2”

BD2

Variable name: bd2
Description: Total Score from “Block Design”, NP Exam 2 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	619
.	Unknown	5011

WAIS2

Variable name: wais2
Description: Total correct answers from “WAIS test”, NP Exam 2 (Range: 0 – 29)

Code or Value	Description	Count
0 – 29	Range of value	633
.	Unknown	4997

MRI3522

Variable name: mri3522
Description: Tester's impression of participant's dementia status (Not verified), NP Exam 2

Code or Value	Description	Count
0	Not demented	2108
0.25	Not demented/MCI	63
0.5	Mild Cognitive Impairment	213
1	Mildly Demented	86
1.5	Mild – Moderately Demented	3
2	Moderately Demented	12
2.5	Moderately – Severely Demented	0
3	Severely Demented	1
5	Non-progressive impairment	3
.	Unknown	3141

CODING_CORRECT2

Variable name: coding_correct2
Description: Total correct from WAIS-IV Coding, NP Exam 2

Code or Value	Description	Count
22 – 89	Range of value	298
.	Unknown	5332

CODING_INCORRECT2

Variable name: coding_incorrect2
Description: Total incorrect from WAIS-IV Coding, NP Exam 2

Code or Value	Description	Count
0 – 7	Range of value	298
.	Unknown	5332

INCIDENTAL_PAIRED2

Variable name: Incidental_paired2
Description: Total correct from Paired Incidental Learning (Given the number from Coding, the participant had to draw the appropriate symbol associated with that number; each number is presented twice), NP Exam 2

Code or Value	Description	Count
0 – 18	Range of value	294
.	Unknown	5336

INCIDENTAL_FREE2

Variable name: Incidental_free2
Description: Total correct from Free Recall Incidental Learning (The participant was asked to draw all the symbols they remember from the Coding task, without having to identify which number accompanied the symbol), NP Exam 2

Code or Value	Description	Count
0 – 9	Range of value	295
.	Unknown	5335

MATH_CORRECT2

Variable name: Math_correct2
Description: Total correct responses for Math Fluency, NP Exam 2

Code or Value	Description	Count
35 – 160	Range of value	285
.	Unknown	5345

MATH_INCORRECT_ADD2

Variable name: Math_incorrect_add2
Description: Incorrect responses for addition problems, NP Exam 2

Code or Value	Description	Count
0 – 13	Range of value	281
.	Unknown	5349

MATH_INCORRECT_SUB2

Variable name: Math_incorrect_sub2
Description: Incorrect responses for subtraction problems, NP Exam 2

Code or Value	Description	Count
0 – 13	Range of value	278
.	Unknown	5352

MATH_INCORRECT_MUL2

Variable name: Math_incorrect_mul2
Description: Incorrect responses for multiplication problems, NP Exam 2

Code or Value	Description	Count
0 – 16	Range of value	278
.	Unknown	5352

RIGHT_OPEN2

Variable name: right_open2
Description: Seconds from balance test on right leg with eyes open (maximum time is set at 30 seconds), NP Exam 2

Code or Value	Description	Count
4 – 30	Range of value	16
.	Unknown	5614

LEFT_OPEN2

Variable name: left_open2
Description: Seconds from balance test on left leg with eyes open (maximum time is set at 30 seconds), NP Exam 2

Code or Value	Description	Count
2 – 30	Range of value	16
.	Unknown	5614

RIGHT_CLOSE2

Variable name: right_close2
Description: Seconds from balance test on right leg with eyes closed (maximum time is set at 30 seconds), NP Exam 2

Code or Value	Description	Count
1 – 11	Range of value	16
.	Unknown	5614

LEFT_CLOSE2

Variable name: left_close2
Description: Seconds from balance test on left leg with eyes closed (maximum time is set at 30 seconds), NP Exam 2

Code or Value	Description	Count
2 – 12	Range of value	16
.	Unknown	5614

EXAMDATE3

Variable name: examdate3
Description: Date of the third NP exam (MMDDYYYY)

Code or Value	Description	Count
1997 – 2018	Range of value	1778
.	Unknown	3852

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

AGE3

Variable name: age3
Description: Age of participant at third NP exam

Code or Value	Description	Count
47 – 97	Range of value	1778
.	Unknown	3852

BATTERY3

Variable name: battery3
Description: Form of the battery used for third NP exam

Code or Value	Description	Count
1	Short form	638
2	Long form	1137
21	Novel G3 battery	3
.	Unknown	3852

MARITAL3

Variable name: marital3
Description: Current marital status, NP Exam 3

Code or Value	Description	Count
1	Single	103
2	Married	1145
3	Widowed	300

4	Divorced	197
5	Separated	15
6	Other	8
.	Unknown	3862

HANDEDNESS3

Variable name: handedness3

Description: Subject's handedness, NP Exam 3 (self-reporting)

Code or Value	Description	Count
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1	Right	1517
2	Left	136
3	Ambidextrous	119
.	Unknown	3858

EMPLOYMENT3

Variable name: employment3
Description: Employment status at third NP exam

Code or Value	Description	Count
0	Works full time	326
1	Works part-time	268
2	Not working due to disability	10
3	Retired, no longer works	960
4	Unemployed (expects to return to work)	109
5	Never worked for pay outside home	14
6	Volunteer	62
7	Other	13
10	Full-time student	0
11	Homemaker, expects to return to work	1
.	Unknown	3867

EDUCATION_B13

Variable name: education_b13
Description: Highest Education Level Completed (Collected from NP battery1), NP Exam 3

Code or Value	Description	Count
0	None	0
1	4th grade or less	1
2	5th, 6th, or 7th grades	0
3	Grade school graduate; no high school	2
4	High school, did not graduate	11
5	High school diploma	38
6	College, did not graduate	15
7	College graduate	18
8	Postgraduate school	19
10	High school and business college, nursing school, music school, or art school only	7
.	Unknown	5519

EDUCATION_B23

Variable name: education_b23
Description: Highest Education Level Completed (Collected from NP battery2), NP Exam 3

Code or Value	Description	Count
0	None	0
1	4th grade or less	4
2	5th, 6th, or 7th grades	3
3	Grade school graduate; no high school	9
4	High school, did not graduate	46
5	High school diploma	353
6	GED	13
7	Some college course-work for credit (no certificate or degree)	151
8	Junior college – earned certificate or degree (e.g., AD)	127
9	Business college, nursing school, music school, art school	66
10	Technical School (post-HS) – earned certificate	99
11	Four Year College, partial	75
12	Four Year College, graduate	292
13	Graduate School, partial (no Masters degree)	65
14	Graduate School (Masters)	275
15	Graduate School (Doctorate)	77
.	Unknown	3975

EDUCG3

Variable name: educg3
Description: Education group (derived variable), NP Exam 3

Code or Value	Description	Count
0	High school did not graduate	76

1	High school graduate	404
2	Some college	465
3	College graduate	821
.	Unknown	3864

OCCUP_B13**Variable name:** occup_b13**Description:** Occupation from NP battery1, NP Exam 3

Code or Value	Description	Count
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1	Major professionals	28
2	Business managers	13
3	Administrative personnel	15
4	Clerical and sales workers	24
5	Skilled manual employees	19
6	Semi-skilled employees	7
7	Unskilled employed	4
8	Never employed	1
.	Unknown	5519

OCCUP_B23**Variable name:** occup_b23**Description:** Occupation from NP battery2, NP Exam 3

Code or Value	Description	Count
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1	Professional, Technical and Related Occupations	568
2	Executive, Administrative, and Managerial Occupations	429
3	Sales Occupations	95
4	Administrative Support Occupations, Including Clerical	285
5	Precision Production, Craft, and Repair Occupations	82
6	Machine Operators, Assemblers, and Inspectors	52
7	Transportation and Material Moving Occupations	17

8	Handlers, Equipment Cleaners, Helpers, and Laborers	31
9	Service Occupations, Except Private Household	72
10	Never employed for pay (e.g., homemaker)	11
.	Unknown	3988

LMI3**Variable name:**

lmi3

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Immediate Recall”, NP Exam 3 (Range: 0 – 23)

Code or Value**Description****Count**

0 – 23	Range of value	1755
.	Unknown	3875

LMD3**Variable name:**

lmd3

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Delayed Recall”, NP Exam 3 (Range: 0 – 23)

Code or Value**Description****Count**

0 – 22	Range of value	1744
.	Unknown	3886

LMR3**Variable name:**

lmr3

Description:

Logical Memories – Recognition, NP Exam 3 (Range: 0 – 11)

Code or Value**Description****Count**

0 – 11	Range of value	1736
.	Unknown	3894

LMI_JOE3

Variable name: lmi_joe3
Description: Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Immediate Recall” (only for Joe Garcia), NP Exam 3 (Range: 0 – 23)

Code or Value	Description	Count
0 – 21	Range of value	585
.	Unknown	5045

LMD_JOE3

Variable name: lmd_joe3
Description: Total number of correct verbatim and paraphrases from WMS -III “Logical Memory – Delayed Recall” (only for Joe Garcia), NP Exam 3 (Range: 0 – 23)

Code or Value	Description	Count
0 – 20	Range of value	581
.	Unknown	5049

LMR_JOE3

Variable name: lmr_joe3
Description: Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Recognition” (only for Joe Garcia), NP Exam 3 (Range: 0 – 11)

Code or Value	Description	Count
4 – 11	Range of value	588
.	Unknown	5042

VRI3

Variable name: vri3
Description: Total points scored from “Visual Reproductions – Immediate Recall”, NP Exam 3 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	1739
.	Unknown	3891

VRD3

Variable name: vrd3
Description: Total points scored from “Visual Reproductions – Delayed Recall”, NP Exam 3 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	1726
.	Unknown	3904

VRR3

Variable name: vrr3
Description: Total points scored from “Visual Reproductions – Recognition”, NP Exam 3 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	1719
.	Unknown	3911

PASI3

Variable name: pasi3
Description: Total Score from “Paired Associate Learning – Immediate Recall”, NP Exam 3 (Range 0 – 21)

Code or Value	Description	Count
0 – 21	Range of value	1706
.	Unknown	3924

PASI_E3

Variable name: pasi_e3
Description: Easy Score from “Paired Associate Learning – Immediate Recall”, NP Exam 3 (Range: 0 – 18)

Code or Value	Description	Count
0 – 18	Range of value	1706
.	Unknown	3924

PASI_H3

Variable name: pasi_h3
Description: Hard Score from “Paired Associate Learning – Immediate Recall”, NP Exam 3 (Range: 0 – 12)

Code or Value	Description	Count
0 – 12	Range of value	1706
.	Unknown	3924

PASD3

Variable name: pasd3
Description: Total Score from “Paired Associate Learning – Delayed Recall”, NP Exam 3 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	1710
.	Unknown	3920

PASD_E3

Variable name: pasd_e3
Description: Easy Score from “Paired Associate Learning – Delayed Recall”, NP Exam 3 (Range: 0 – 6)

Code or Value	Description	Count
0 – 6	Range of value	1710
.	Unknown	3920

PASD_H3

Variable name: pasd_h3
Description: Hard Score from “Paired Associate Learning – Delayed Recall”, NP Exam 3 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	1710
.	Unknown	3920

PASR3

Variable name:

pasr3

Description:Total Score from “Paired Associate Learning - Recognition”, NP Exam 3
(Range: 0 – 10)**Code or Value****Description****Count**

0 – 10	Range of value	1591
.	Unknown	4039

DSF3**Variable name:**

dsf3

Description:

Highest string from “Digits Forward Span”, NP Exam 3 (Range: 0 – 9)

Code or Value**Description****Count**

0 – 9	Range of value	1736
.	Unknown	3894

DSB3**Variable name:**

dsb3

Description:

Highest string from “Digits Backward Span”, NP Exam 3 (Range: 0 – 8)

Code or Value**Description****Count**

0 – 8	Range of value	1707
.	Unknown	3923

TRAILS A3**Variable name:**

trailsA3

Description:Time in minutes to finish “Trail A”, NP Exam 3 – capped at 7 minutes
(Range: 0.10 – 7.0)**Code or Value****Description****Count**

0.22 – 7.0	Range of value	1698
.	Unknown	3932

TRAILS B3**Variable name:**

trailsB3

Description: Time in minutes to finish “Trail B”, NP Exam 3 – capped at 10 minutes
 (Range: 0.32 – 10.0)

Code or Value	Description	Count
0.43 – 10.0	Range of value	1640
.	Unknown	3990

SIM3

Variable name: sim3
Description: Total raw score from “Similarities Test”, NP Exam 3 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	1750
.	Unknown	3880

HVOT3

Variable name: hvot3
Description: Total score from “Hooper Visual Organization Test”, NP Exam 3 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	1673
.	Unknown	3957

BNT103

Variable name: bnt103
Description: Correct score without cue from 10 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	1691
.	Unknown	3939

BNT10_SEMANTIC3

Variable name: bnt10_semantic3
Description: Correct score with semantic cue from 10 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 10)

Code or Value	Description	Count
0 – 2	Range of value	1689
.	Unknown	3941

BNT10_PHONEMIC3

Variable name: bnt10_phonemic3
Description: Correct score with phonemic cue from 10 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	1689
.	Unknown	3941

BNT303

Variable name: bnt303
Description: Correct score without cue from 30 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	1689
.	Unknown	3941

BNT30_SEMANTIC3

Variable name: bnt30_semantic3
Description: Correct score with semantic cue from 30 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 30)

Code or Value	Description	Count
0 – 4	Range of value	1689
.	Unknown	3941

BNT30_PHONEMIC3

Variable name: bnt30_phonemic3
Description: Correct score with phonemic cue from 30 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 30)

Code or Value	Description	Count
0 – 9	Range of value	1689
.	Unknown	3941

BNT363

Variable name: bnt363
Description: Correct score without cue from 36 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 36)

Code or Value	Description	Count
0 – 36	Range of value	1676
.	Unknown	3954

BNT36_SEMANTIC3

Variable name: bnt36_semantic3
Description: Correct score with semantic cue from 36 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 36)

Code or Value	Description	Count
0 – 4	Range of value	1676
.	Unknown	3954

BNT36_PHONEMIC3

Variable name: bnt36_phonemic3
Description: Correct score with phonemic cue from 36 items of “Boston Naming Test”, NP Exam 3 (Range: 0 – 36)

Code or Value	Description	Count
0 – 11	Range of value	1676
.	Unknown	3954

FINGTAPR3

Variable name: FingTapR3
Description: Mean of five trials of “Finger-tapping” of right hand, NP Exam 3

Code or Value	Description	Count

10.2 – 74.2	Range of value	934
.	Unknown	4696

FINGTAPL3**Variable name:** FingTapL3**Description:** Mean of five trials of “Finger-tapping” of left hand, NP Exam 3

Code or Value	Description	Count
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10.4 – 61.0	Range of value	942
.	Unknown	4688

WRAT3**Variable name:** wrat3**Description:** Raw Score from “Wide Range Achievement Test –Reading”, NP Exam 3
(Range: 15 – 57)

Code or Value	Description	Count
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15 – 57	Range of value	1438
.	Unknown	4192

FAS3**Variable name:** fas3**Description:** The total words from the Controlled Oral Word Association Test, NP Exam 3

Code or Value	Description	Count
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0 – 85	Range of value	1676
.	Unknown	3954

FAS_ANIMAL3**Variable name:** fas_animal3**Description:** The total words from the animal part of the Category Naming Test, NP Exam 3

Code or Value	Description	Count
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0 – 37	Range of value	1570
.	Unknown	4060

Note: this variable only available on “NP battery2”

BD3

Variable name:

bd3

Description:

Total Score from “Block Design”, NP Exam 3 (Range: 0 – 26)

Code or Value

Description

Count

0 – 26	Range of value	954
.	Unknown	4676

WAIS3

Variable name:

wais3

Description:

Total correct answers from “WAIS test”, NP Exam 3 (Range: 0 – 29)

Code or Value

Description

Count

0 – 29	Range of value	956
.	Unknown	4674

MRI3523

Variable name:

mri3523

Description:

Tester’s impression of participant’s dementia status (Not verified), NP Exam 3

Code or Value

Description

Count

0	Not demented	1357
0.25	Not demented/MCI	141
0.5	Mild Cognitive Impairment	162
1	Mildly Demented	64
1.5	Mild – Moderately Demented	8
2	Moderately Demented	20
2.5	Moderately – Severely Demented	4
3	Severely Demented	2
5	Non-progressive impairment	4
.	Unknown	3868

CODING_CORRECT3

Variable name: coding_correct3
Description: Total correct from WAIS-IV Coding, NP Exam 3

Code or Value	Description	Count
0 – 98	Range of value	1004
.	Unknown	4626

CODING_INCORRECT3

Variable name: coding_incorrect3
Description: Total incorrect from WAIS-IV Coding, NP Exam 3

Code or Value	Description	Count
0 – 56	Range of value	1002
.	Unknown	4628

INCIDENTAL_PAIRED3

Variable name: Incidental_paired3
Description: Total correct from Paired Incidental Learning (Given the number from Coding, the participant had to draw the appropriate symbol associated with that number; each number is presented twice), NP Exam 3

Code or Value	Description	Count
0 – 18	Range of value	1002
.	Unknown	4628

INCIDENTAL_FREE3

Variable name: Incidental_free3
Description: Total correct from Free Recall Incidental Learning (The participant was asked to draw all the symbols they remember from the Coding task, without having to identify which number accompanied the symbol), NP Exam 3

Code or Value	Description	Count
0 – 9	Range of value	1008
.	Unknown	4622

MATH_CORRECT3

Variable name: Math_correct3
Description: Total correct responses for Math Fluency, NP Exam 3

Code or Value	Description	Count
0 – 176	Range of value	949
.	Unknown	4681

MATH_INCORRECT_ADD3

Variable name: Math_incorrect_add3
Description: Incorrect responses for addition problems, NP Exam 3

Code or Value	Description	Count
0 – 12	Range of value	932
.	Unknown	4698

MATH_INCORRECT_SUB3

Variable name: Math_incorrect_sub3
Description: Incorrect responses for subtraction problems, NP Exam 3

Code or Value	Description	Count
0 – 9	Range of value	925
.	Unknown	4705

MATH_INCORRECT_MUL3

Variable name: Math_incorrect_mul3
Description: Incorrect responses for multiplication problems, NP Exam 3

Code or Value	Description	Count
0 – 46	Range of value	932
.	Unknown	4698

RIGHT_OPEN3

Variable name: right_open3
Description: Seconds from balance test on right leg with eyes open (maximum time is set at 30 seconds), NP Exam 3

Code or Value	Description	Count
2 – 30	Range of value	36
.	Unknown	5594

LEFT_OPEN3

Variable name: left_open3
Description: Seconds from balance test on left leg with eyes open (maximum time is set at 30 seconds), NP Exam 3

Code or Value	Description	Count
1 – 30	Range of value	35
.	Unknown	5595

RIGHT_CLOSE3

Variable name: right_close3
Description: Seconds from balance test on right leg with eyes closed (maximum time is set at 30 seconds), NP Exam 3

Code or Value	Description	Count
1 – 15	Range of value	34
.	Unknown	5596

LEFT_CLOSE3

Variable name: left_close3
Description: Seconds from balance test on left leg with eyes closed (maximum time is set at 30 seconds), NP Exam 3

Code or Value	Description	Count
1 – 13	Range of value	33
.	Unknown	5597

EXAMDATE4

Variable name: examdate4
Description: Date of the fourth NP exam (MMDDYYYY)

Code or Value	Description	Count
1999 – 2018	Range of value	864
.	Unknown	4766

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

AGE4

Variable name: age4
Description: Age of participant at fourth NP exam

Code or Value	Description	Count
52 – 98	Range of value	864
.	Unknown	4766

BATTERY4

Variable name: battery4
Description: Form of the battery used for fourth NP exam

Code or Value	Description	Count
1	Short form	98
2	Long form	729
21	Novel G3 battery	37
.	Unknown	4766

MARITAL4

Variable name: marital4
Description: Current marital status, NP Exam 4

Code or Value	Description	Count
1	Single	38
2	Married	523
3	Widowed	174

4	Divorced	84
5	Separated	3
6	Other	4
.	Unknown	4804

HANDEDNESS4**Variable name:** handedness4**Description:** Subject's handedness, NP Exam 4 (self-reporting)

Code or Value	Description	Count
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1	Right	697
2	Left	79
3	Ambidextrous	49
.	Unknown	4805

EMPLOYMENT4**Variable name:** employment4**Description:** Employment status at fourth NP exam

Code or Value	Description	Count
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0	Works full time	89
1	Works part-time	105
2	Not working due to disability	7
3	Retired, no longer works	524
4	Unemployed (expects to return to work)	39
5	Never worked for pay outside home	13
6	Volunteer	45
7	Other	2
10	Full-time student	0
11	Homemaker, expects to return to work	0
.	Unknown	4806

EDUCATION_B14**Variable name:** education_b14**Description:** Highest Education Level Completed (Collected from NP battery1), NP Exam 4

Code or Value	Description	Count
0	None	0
1	4th grade or less	1
2	5th, 6th, or 7th grades	0
3	Grade school graduate; no high school	0
4	High school, did not graduate	7
5	High school diploma	17
6	College, did not graduate	2
7	College graduate	4
8	Postgraduate school	3
10	High school and business college, nursing school, music school, or art school only	4
.	Unknown	5592

EDUCATION_B24**Variable name:** education_b24**Description:** Highest Education Level Completed (Collected from NP battery2), NP Exam 4

Code or Value	Description	Count
0	None	0
1	4th grade or less	1
2	5th, 6th, or 7th grades	2
3	Grade school graduate; no high school	6
4	High school, did not graduate	19
5	High school diploma	159
6	GED	6
7	Some college course-work for credit (no certificate or degree)	79
8	Junior college – earned certificate or degree (e.g., AD)	73
9	Business college, nursing school, music school, art school	29

10	Technical School (post-HS) – earned certificate	57
11	Four Year College, partial	44
12	Four Year College, graduate	130
13	Graduate School, partial (no Masters degree)	30
14	Graduate School (Masters)	115
15	Graduate School (Doctorate)	36
.	Unknown	4844

EDUCG4**Variable name:** educg4**Description:** Education group (derived variable), NP Exam 4

Code or Value	Description	Count
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0	High school did not graduate	36
1	High school graduate	182
2	Some college	244
3	College graduate	362
.	Unknown	4806

OCCUP_B14**Variable name:** occup_b14**Description:** Occupation from NP battery1, NP Exam 4

Code or Value	Description	Count
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1	Major professionals	6
2	Business managers	6
3	Administrative personnel	4
4	Clerical and sales workers	5
5	Skilled manual employees	10
6	Semi-skilled employees	6
7	Unskilled employed	1
8	Never employed	0
.	Unknown	5592

OCCUP_B24**Variable name:** occup_b24**Description:** Occupation from NP battery2, NP Exam 4

Code or Value	Description	Count
1	Professional, Technical and Related Occupations	261
2	Executive, Administrative, and Managerial Occupations	209
3	Sales Occupations	43
4	Administrative Support Occupations, Including Clerical	145
5	Precision Production, Craft, and Repair Occupations	44
6	Machine Operators, Assemblers, and Inspectors	17
7	Transportation and Material Moving Occupations	10
8	Handlers, Equipment Cleaners, Helpers, and Laborers	9
9	Service Occupations, Except Private Household	36
10	Never employed for pay (e.g., homemaker)	8
.	Unknown	4848

LMI4**Variable name:**

lmi4

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Immediate Recall”, NP Exam 4 (Range: 0 – 23)

Code or Value**Description****Count**

0 – 23	Range of value	852
.	Unknown	4778

LMD4**Variable name:**

lmd4

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Delayed Recall”, NP Exam 4 (Range: 0 – 23)

Code or Value**Description****Count**

0 – 22	Range of value	847
.	Unknown	4783

LMR4**Variable name:**

lmr4

Description:

Logical Memories – Recognition, NP Exam 4 (Range: 0 – 11)

Code or Value**Description****Count**

0 – 11	Range of value	814
.	Unknown	4816

LMI_JOE4**Variable name:**

lmi_joe4

Description:

Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Immediate Recall” (only for Joe Garcia), NP Exam 4 (Range: 0 – 23)

Code or Value**Description****Count**

4 – 21	Range of value	169
.	Unknown	5461

LMD_JOE4**Variable name:**

lmd_joe4

Description:

Total number of correct verbatim and paraphrases from WMS -III “Logical Memory – Delayed Recall” (only for Joe Garcia), NP Exam 4 (Range: 0 – 23)

Code or Value**Description****Count**

0 – 19	Range of value	169
.	Unknown	5461

LMR_JOE4**Variable name:**

lmr_joe4

Description:

Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Recognition” (only for Joe Garcia), NP Exam 4 (Range: 0 – 11)

Code or Value**Description****Count**

3 – 11	Range of value	169
.	Unknown	5461

VRI4**Variable name:** vri4**Description:** Total points scored from “Visual Reproductions – Immediate Recall”, NP Exam 4 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	843
.	Unknown	4787

VRD4**Variable name:** vrd4**Description:** Total points scored from “Visual Reproductions – Delayed Recall”, NP Exam 4 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	836
.	Unknown	4794

VRR4**Variable name:** vrr4**Description:** Total points scored from “Visual Reproductions – Recognition”, NP Exam 4 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	800
.	Unknown	4830

PASI4**Variable name:** pasi4**Description:** Total Score from “Paired Associate Learning – Immediate Recall”, NP Exam 4 (Range 0 – 21)

Code or Value	Description	Count
0 – 21	Range of value	797

.	Unknown	4833
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PASI_E4**Variable name:** pasi_e4**Description:** Easy Score from “Paired Associate Learning – Immediate Recall”, NP Exam 4 (Range: 0 – 18)**Code or Value****Description****Count**

0 – 18	Range of value	797
.	Unknown	4833

PASI_H4**Variable name:** pasi_h4**Description:** Hard Score from “Paired Associate Learning – Immediate Recall”, NP Exam 4 (Range: 0 – 12)**Code or Value****Description****Count**

0 – 12	Range of value	797
.	Unknown	4833

PASD4**Variable name:** pasd4**Description:** Total Score from “Paired Associate Learning – Delayed Recall”, NP Exam 4 (Range: 0 – 10)**Code or Value****Description****Count**

0 – 10	Range of value	798
.	Unknown	4832

PASD_E4**Variable name:** pasd_e4**Description:** Easy Score from “Paired Associate Learning – Delayed Recall”, NP Exam 4 (Range: 0 – 6)**Code or Value****Description****Count**

0 – 6	Range of value	798
.	Unknown	4832

PASD_H4

Variable name: pasd_h4
Description: Hard Score from “Paired Associate Learning – Delayed Recall”, NP Exam 4
(Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	798
.	Unknown	4832

PASR4

Variable name: pasr4
Description: Total Score from “Paired Associate Learning - Recognition”, NP Exam 4
(Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	759
.	Unknown	4871

DSF4

Variable name: dsf4
Description: Highest string from “Digits Forward Span”, NP Exam 4 (Range: 0 – 9)

Code or Value	Description	Count
0 – 9	Range of value	849
.	Unknown	4781

DSB4

Variable name: dsb4
Description: Highest string from “Digits Backward Span”, NP Exam 4 (Range: 0 – 8)

Code or Value	Description	Count
0 – 8	Range of value	833
.	Unknown	4797

TRAILSA4

Variable name: trailsA4

Description: Time in minutes to finish “Trail A”, NP Exam 4 – capped at 7 minutes
(Range: 0.10 – 7.0)

Code or Value	Description	Count
0.23 – 7.0	Range of value	832
.	Unknown	4798

TRAILSB4

Variable name: trailsB4

Description: Time in minutes to finish “Trail B”, NP Exam 4 – capped at 10 minutes
(Range: 0.32 – 10.0)

Code or Value	Description	Count
0.50 – 10.0	Range of value	792
.	Unknown	4838

SIM4

Variable name: sim4

Description: Total raw score from “Similarities Test”, NP Exam 4 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	853
.	Unknown	4777

HVOT4

Variable name: hvot4

Description: Total score from “Hooper Visual Organization Test”, NP Exam 4 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	809
.	Unknown	4821

BNT104

Variable name: bnt104

Description: Correct score without cue from 10 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	827
.	Unknown	4803

BNT10_SEMANTIC4

Variable name: bnt10_semantic4

Description: Correct score with semantic cue from 10 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 10)

Code or Value	Description	Count
0 – 2	Range of value	827
.	Unknown	4803

BNT10_PHONEMIC4

Variable name: bnt10_phonemic4

Description: Correct score with phonemic cue from 10 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	827
.	Unknown	4803

BNT304

Variable name: bnt304

Description: Correct score without cue from 30 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	827
.	Unknown	4803

BNT30_SEMANTIC4

Variable name: bnt30_semantic4

Description: Correct score with semantic cue from 30 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 30)

Code or Value	Description	Count
0 – 5	Range of value	827
.	Unknown	4803

BNT30_PHONEMIC4

Variable name: bnt30_phonemic4

Description: Correct score with phonemic cue from 30 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 30)

Code or Value	Description	Count
0 – 7	Range of value	827
.	Unknown	4803

BNT364

Variable name: bnt364

Description: Correct score without cue from 36 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 36)

Code or Value	Description	Count
0 – 36	Range of value	821
.	Unknown	4809

BNT36_SEMANTIC4

Variable name: bnt36_semantic4

Description: Correct score with semantic cue from 36 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 36)

Code or Value	Description	Count
0 – 5	Range of value	821
.	Unknown	4809

BNT36_PHONEMIC4

Variable name: bnt36_phonemic4

Description: Correct score with phonemic cue from 36 items of “Boston Naming Test”, NP Exam 4 (Range: 0 – 36)

Code or Value	Description	Count
0 – 8	Range of value	821
.	Unknown	4809
FINGTAPR4		

Variable name: FingTapR4

Description: Mean of five trials of “Finger-tapping” of right hand, NP Exam 4

Code or Value	Description	Count
23.0 – 73.2	Range of value	375
.	Unknown	5255
FINGTAPL4		

Variable name: FingTapL4

Description: Mean of five trials of “Finger-tapping” of left hand, NP Exam 4

Code or Value	Description	Count
16.2 – 60.4	Range of value	375
.	Unknown	5255
WRAT4		

Variable name: wrat4

Description: Raw Score from “Wide Range Achievement Test –Reading”, NP Exam 4 (Range: 15 – 57)

Code or Value	Description	Count
20 – 57	Range of value	620
.	Unknown	5010
FAS4		

Variable name: fas4

Description: The total words from the Controlled Oral Word Association Test, NP Exam 4

Code or Value	Description	Count
0 – 81	Range of value	788
.	Unknown	4842

FAS_ANIMAL4

Variable name: fas_animal4
Description: The total words from the animal part of the Category Naming Test, NP Exam 4

Code or Value	Description	Count
0 – 39	Range of value	751
.	Unknown	4879

Note: this variable only available on “NP battery2”

BD4

Variable name: bd4
Description: Total Score from “Block Design”, NP Exam 4 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	628
.	Unknown	5002

WAIS4

Variable name: wais4
Description: Total correct answers from “WAIS test”, NP Exam 4 (Range: 0 – 29)

Code or Value	Description	Count
1 – 29	Range of value	617
.	Unknown	5013

MRI3524

Variable name: mri3524
Description: Tester’s impression of participant’s dementia status (Not verified), NP Exam 4

Code or Value	Description	Count
0	Not demented	602
0.25	Not demented/MCI	74
0.5	Mild Cognitive Impairment	107
1	Mildly Demented	49
1.5	Mild – Moderately Demented	9
2	Moderately Demented	11
2.5	Moderately – Severely Demented	4
3	Severely Demented	2
5	Non-progressive impairment	5
.	Unknown	4767

CODING_CORRECT4**Variable name:** coding_correct4**Description:** Total correct from WAIS-IV Coding, NP Exam 4

Code or Value	Description	Count
0 – 91	Range of value	567
.	Unknown	5063

CODING_INCORRECT4**Variable name:** coding_incorrect4**Description:** Total incorrect from WAIS-IV Coding, NP Exam 4

Code or Value	Description	Count
0 – 10	Range of value	565
.	Unknown	5065

INCIDENTAL_PAIRED4**Variable name:** Incidental_paired4**Description:** Total correct from Paired Incidental Learning (Given the number from Coding, the participant had to draw the appropriate symbol associated with that number; each number is presented twice), NP Exam 4

Code or Value	Description	Count
0 – 18	Range of value	529
.	Unknown	5101

INCIDENTAL_FREE4

Variable name: Incidental_free4
Description: Total correct from Free Recall Incidental Learning (The participant was asked to draw all the symbols they remember from the Coding task, without having to identify which number accompanied the symbol), NP Exam 4

Code or Value	Description	Count
0 – 9	Range of value	528
.	Unknown	5102

MATH_CORRECT4

Variable name: Math_correct4
Description: Total correct responses for Math Fluency, NP Exam 4

Code or Value	Description	Count
9 – 160	Range of value	452
.	Unknown	5178

MATH_INCORRECT_ADD4

Variable name: Math_incorrect_add4
Description: Incorrect responses for addition problems, NP Exam 4

Code or Value	Description	Count
0 – 15	Range of value	430
.	Unknown	5200

MATH_INCORRECT_SUB4

Variable name: Math_incorrect_sub4
Description: Incorrect responses for subtraction problems, NP Exam 4

Code or Value	Description	Count
0 – 34	Range of value	430
.	Unknown	5200

MATH_INCORRECT_MUL4

Variable name: Math_incorrect_mul4
Description: Incorrect responses for multiplication problems, NP Exam 4

Code or Value	Description	Count
0 – 19	Range of value	430
.	Unknown	5200

RIGHT_OPEN4

Variable name: right_open4
Description: Seconds from balance test on right leg with eyes open (maximum time is set at 30 seconds), NP Exam 4

Code or Value	Description	Count
30 – 30	Range of value	1
.	Unknown	5629

LEFT_OPEN4

Variable name: left_open4
Description: Seconds from balance test on left leg with eyes open (maximum time is set at 30 seconds), NP Exam 4

Code or Value	Description	Count
30 – 30	Range of value	1
.	Unknown	5629

RIGHT_CLOSE4

Variable name: right_close4
Description: Seconds from balance test on right leg with eyes closed (maximum time is set at 30 seconds), NP Exam 4

Code or Value	Description	Count
2 – 2	Range of value	1
.	Unknown	5629

LEFT_CLOSE4

Variable name: left_close4

Description: Seconds from balance test on left leg with eyes closed (maximum time is set at 30 seconds), NP Exam 4

Code or Value	Description	Count
2 – 2	Range of value	1
.	Unknown	5629

EXAMDATE5

Variable name: examdate5
Description: Date of the fifth NP exam (MMDDYYYY)

Code or Value	Description	Count
2001 – 2018	Range of value	342
.	Unknown	5288

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

AGES5

Variable name: age5
Description: Age of participant at fifth NP exam

Code or Value	Description	Count
58 – 97	Range of value	342
.	Unknown	5288

BATTERY5

Variable name: battery5
Description: Form of the battery used for fifth NP exam

Code or Value	Description	Count
1	Short form	12
2	Long form	319
21	Novel G3 battery	11
.	Unknown	5288

MARITAL5

Variable name: marital5
Description: Current marital status, NP Exam 5

Code or Value	Description	Count
1	Single	16
2	Married	192
3	Widowed	94

4	Divorced	29
5	Separated	0
6	Other	0
.	Unknown	5299

HANDEDNESS5**Variable name:** handedness5**Description:** Subject's handedness, NP Exam 5 (self-reporting)

Code or Value	Description	Count
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1	Right	282
2	Left	26
3	Ambidextrous	22
.	Unknown	5300

EMPLOYMENT5**Variable name:** employment5**Description:** Employment status at fifth NP exam

Code or Value	Description	Count
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0	Works full time	22
1	Works part-time	26
2	Not working due to disability	1
3	Retired, no longer works	231
4	Unemployed (expects to return to work)	21
5	Never worked for pay outside home	1
6	Volunteer	26
7	Other	2
10	Full-time student	0
11	Homemaker, expects to return to work	0
.	Unknown	5300

EDUCATION_B15**Variable name:** education_b15**Description:** Highest Education Level Completed (Collected from NP battery1), NP Exam 5

Code or Value	Description	Count
0	None	0
1	4th grade or less	1
2	5th, 6th, or 7th grades	0
3	Grade school graduate; no high school	0
4	High school, did not graduate	6
5	High school diploma	9
6	College, did not graduate	3
7	College graduate	1
8	Postgraduate school	0
10	High school and business college, nursing school, music school, or art school only	2
.	Unknown	5608

EDUCATION_B25**Variable name:** education_b25**Description:** Highest Education Level Completed (Collected from NP battery2), NP Exam 5

Code or Value	Description	Count
0	None	0
1	4th grade or less	0
2	5th, 6th, or 7th grades	2
3	Grade school graduate; no high school	2
4	High school, did not graduate	10
5	High school diploma	66
6	GED	1
7	Some college course-work for credit (no certificate or degree)	32
8	Junior college – earned certificate or degree (e.g., AD)	32
9	Business college, nursing school, music school, art school	10

10	Technical School (post-HS) – earned certificate	23
11	Four Year College, partial	15
12	Four Year College, graduate	48
13	Graduate School, partial (no Masters degree)	7
14	Graduate School (Masters)	48
15	Graduate School (Doctorate)	13
.	Unknown	5321

EDUCG5**Variable name:** educg5**Description:** Education group (derived variable), NP Exam 5

Code or Value	Description	Count
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0	High school did not graduate	21
1	High school graduate	76
2	Some college	102
3	College graduate	132
.	Unknown	5299

OCCUP_B15**Variable name:** occup_b15**Description:** Occupation from NP battery1, NP Exam 5

Code or Value	Description	Count
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1	Major professionals	2
2	Business managers	0
3	Administrative personnel	5
4	Clerical and sales workers	5
5	Skilled manual employees	4
6	Semi-skilled employees	4
7	Unskilled employed	1
8	Never employed	0
.	Unknown	5609

OCCUP_B25**Variable name:** occup_b25**Description:** Occupation from NP battery2, NP Exam 5

Code or Value	Description	Count
1	Professional, Technical and Related Occupations	91
2	Executive, Administrative, and Managerial Occupations	75
3	Sales Occupations	20
4	Administrative Support Occupations, Including Clerical	70
5	Precision Production, Craft, and Repair Occupations	22
6	Machine Operators, Assemblers, and Inspectors	12
7	Transportation and Material Moving Occupations	1
8	Handlers, Equipment Cleaners, Helpers, and Laborers	2
9	Service Occupations, Except Private Household	14
10	Never employed for pay (e.g., homemaker)	1
.	Unknown	5322

LMI5**Variable name:**

lmi5

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Immediate Recall”, NP Exam 5 (Range: 0 – 23)

Code or Value	Description	Count
0 – 22	Range of value	338
.	Unknown	5292

LMD5**Variable name:**

lmd5

Description:

Total number correct verbatim and paraphrases from “Logical Memories – Delayed Recall”, NP Exam 5 (Range: 0 – 23)

Code or Value	Description	Count
0 – 21	Range of value	335
.	Unknown	5295

LMR5**Variable name:** lmr5**Description:** Logical Memories – Recognition, NP Exam 5 (Range: 0 – 11)**Code or Value****Description****Count**

1 – 11	Range of value	325
.	Unknown	5305

LMI_JOE5**Variable name:** lmi_joe5**Description:** Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Immediate Recall” (only for Joe Garcia), NP Exam 5 (Range: 0 – 23)**Code or Value****Description****Count**

1 – 20	Range of value	80
.	Unknown	5550

LMD_JOE5**Variable name:** lmd_joe5**Description:** Total number of correct verbatim and paraphrases from WMS -III “Logical Memory – Delayed Recall” (only for Joe Garcia), NP Exam 5 (Range: 0 – 23)**Code or Value****Description****Count**

0 – 18	Range of value	76
.	Unknown	5554

LMR_JOE5**Variable name:** lmr_joe5**Description:** Total number of correct verbatim and paraphrases from WMS-III “Logical Memory – Recognition” (only for Joe Garcia), NP Exam 5 (Range: 0 – 11)

Code or Value	Description	Count
3 – 11	Range of value	77
.	Unknown	5553

VRIS5

Variable name: vri5
Description: Total points scored from “Visual Reproductions – Immediate Recall”, NP Exam 5 (Range: 0 – 14)

Code or Value	Description	Count
0 – 14	Range of value	334
.	Unknown	5296

VRD5

Variable name: vrd5
Description: Total points scored from “Visual Reproductions – Delayed Recall”, NP Exam 5 (Range: 0 – 14)

Code or Value	Description	Count
0 – 13	Range of value	332
.	Unknown	5298

VRR5

Variable name: vrr5
Description: Total points scored from “Visual Reproductions – Recognition”, NP Exam 5 (Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	319
.	Unknown	5311

PASI5

Variable name: pasi5
Description: Total Score from “Paired Associate Learning – Immediate Recall”, NP Exam 5 (Range 0 – 21)

Code or Value	Description	Count
0 – 21	Range of value	312
.	Unknown	5318

PASI_E5

Variable name: pasi_e5
Description: Easy Score from “Paired Associate Learning – Immediate Recall”, NP Exam 5 (Range: 0 – 18)

Code or Value	Description	Count
0 – 18	Range of value	312
.	Unknown	5318

PASI_H5

Variable name: pasi_h5
Description: Hard Score from “Paired Associate Learning – Immediate Recall”, NP Exam 5 (Range: 0 – 12)

Code or Value	Description	Count
0 – 12	Range of value	312
.	Unknown	5318

PASD5

Variable name: pasd5
Description: Total Score from “Paired Associate Learning – Delayed Recall”, NP Exam 5 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	314
.	Unknown	5316

PASD_E5

Variable name: pasd_e5
Description: Easy Score from “Paired Associate Learning – Delayed Recall”, NP Exam 5 (Range: 0 – 6)

Code or Value	Description	Count
0 – 6	Range of value	314
.	Unknown	5316

PASD_H5

Variable name: pasd_h5
Description: Hard Score from “Paired Associate Learning – Delayed Recall”, NP Exam 5
(Range: 0 – 4)

Code or Value	Description	Count
0 – 4	Range of value	314
.	Unknown	5316

PASR5

Variable name: pasr5
Description: Total Score from “Paired Associate Learning - Recognition”, NP Exam 5
(Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	297
.	Unknown	5333

DSF5

Variable name: dsf5
Description: Highest string from “Digits Forward Span”, NP Exam 5 (Range: 0 – 9)

Code or Value	Description	Count
3 – 9	Range of value	337
.	Unknown	5293

DSB5

Variable name: dsb5
Description: Highest string from “Digits Backward Span”, NP Exam 5 (Range: 0 – 8)

Code or Value	Description	Count
0 – 8	Range of value	332

.	Unknown	5298
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TRAILSA5

Variable name: trailsA5
Description: Time in minutes to finish “Trail A”, NP Exam 5 – capped at 7 minutes (Range: 0.10 – 7.0)

Code or Value	Description	Count
0.23 – 2.70	Range of value	324
.	Unknown	5306

TRAILSB5

Variable name: trailsB5
Description: Time in minutes to finish “Trail B”, NP Exam 5 – capped at 10 minutes (Range: 0.32 – 10.0)

Code or Value	Description	Count
0.63 – 10.0	Range of value	305
.	Unknown	5325

SIM5

Variable name: sim5
Description: Total raw score from “Similarities Test”, NP Exam 5 (Range: 0 – 26)

Code or Value	Description	Count
2 – 26	Range of value	335
.	Unknown	5295

HVOT5

Variable name: hvot5
Description: Total score from “Hooper Visual Organization Test”, NP Exam 5 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	312
.	Unknown	5318

BNT105

Variable name: bnt105
Description: Correct score without cue from 10 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 10)

Code or Value	Description	Count
0 – 10	Range of value	328
.	Unknown	5302

BNT10_SEMANTICS5

Variable name: bnt10_semantic5
Description: Correct score with semantic cue from 10 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 10)

Code or Value	Description	Count
0 – 1	Range of value	328
.	Unknown	5302

BNT10_PHONEMICS5

Variable name: bnt10_phonemic5
Description: Correct score with phonemic cue from 10 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 10)

Code or Value	Description	Count
0 – 3	Range of value	328
.	Unknown	5302

BNT305

Variable name: bnt305
Description: Correct score without cue from 30 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 30)

Code or Value	Description	Count
0 – 30	Range of value	328
.	Unknown	5302

BNT30_SEMANTICS5

Variable name: bnt30_semantic5
Description: Correct score with semantic cue from 30 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 30)

Code or Value	Description	Count
0 – 4	Range of value	328
.	Unknown	5302

BNT30_PHONEMICS

Variable name: bnt30_phonemic5
Description: Correct score with phonemic cue from 30 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 30)

Code or Value	Description	Count
0 – 7	Range of value	328
.	Unknown	5302

BNT365

Variable name: bnt365
Description: Correct score without cue from 36 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 36)

Code or Value	Description	Count
13 – 36	Range of value	325
.	Unknown	5305

BNT36_SEMANTICS5

Variable name: bnt36_semantic5
Description: Correct score with semantic cue from 36 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 36)

Code or Value	Description	Count
0 – 4	Range of value	325
.	Unknown	5305

BNT36_PHONEMICS

Variable name: bnt36_phonemic5

Description: Correct score with phonemic cue from 36 items of “Boston Naming Test”, NP Exam 5 (Range: 0 – 36)

Code or Value	Description	Count
0 – 7	Range of value	325
.	Unknown	5305

FINGTAPR5

Variable name: FingTapR5

Description: Mean of five trials of “Finger-tapping” of right hand, NP Exam 5

Code or Value	Description	Count
15.0 – 63.8	Range of value	133
.	Unknown	5497

FINGTAPL5

Variable name: FingTapL5

Description: Mean of five trials of “Finger-tapping” of left hand, NP Exam 5

Code or Value	Description	Count
15.4 – 53.6	Range of value	135
.	Unknown	5495

WRAT5

Variable name: wrat5

Description: Raw Score from “Wide Range Achievement Test –Reading”, NP Exam 5 (Range: 15 – 57)

Code or Value	Description	Count
34 – 57	Range of value	234
.	Unknown	5396

FAS5

Variable name: fas5

Description: The total words from the Controlled Oral Word Association Test, NP Exam 5

Code or Value	Description	Count
6 – 66	Range of value	311
.	Unknown	5319

FAS_ANIMAL5

Variable name: fas_animal5
Description: The total words from the animal part of the Category Naming Test, NP Exam 5

Code or Value	Description	Count
2 – 35	Range of value	292
.	Unknown	5338

Note: this variable only available on “NP battery2”

BD5

Variable name: bd5
Description: Total Score from “Block Design”, NP Exam 5 (Range: 0 – 26)

Code or Value	Description	Count
0 – 26	Range of value	273
.	Unknown	5357

WAIS5

Variable name: wais5
Description: Total correct answers from “WAIS test”, NP Exam 5 (Range: 0 – 29)

Code or Value	Description	Count
0 – 29	Range of value	270
.	Unknown	5360

MRI3525

Variable name: mri3525
Description: Tester’s impression of participant’s dementia status (Not verified), NP Exam 5

Code or Value	Description	Count
0	Not demented	207
0.25	Not demented/MCI	40
0.5	Mild Cognitive Impairment	56
1	Mildly Demented	22
1.5	Mild – Moderately Demented	10
2	Moderately Demented	3
2.5	Moderately – Severely Demented	1
3	Severely Demented	0
5	Non-progressive impairment	3
.	Unknown	5288

CODING_CORRECT5**Variable name:** coding_correct5**Description:** Total correct from WAIS-IV Coding, NP Exam 5

Code or Value	Description	Count
0 – 82	Range of value	218
.	Unknown	5412

CODING_INCORRECT5**Variable name:** coding_incorrect5**Description:** Total incorrect from WAIS-IV Coding, NP Exam 5

Code or Value	Description	Count
0 – 11	Range of value	217
.	Unknown	5413

INCIDENTAL_PAIRED5**Variable name:** Incidental_paired5**Description:** Total correct from Paired Incidental Learning (Given the number from Coding, the participant had to draw the appropriate symbol associated with that number; each number is presented twice), NP Exam 5

Code or Value	Description	Count
0 – 17	Range of value	202
.	Unknown	5428

INCIDENTAL_FREES

Variable name: Incidental_free5
Description: Total correct from Free Recall Incidental Learning (The participant was asked to draw all the symbols they remember from the Coding task, without having to identify which number accompanied the symbol), NP Exam 5

Code or Value	Description	Count
0 – 9	Range of value	204
.	Unknown	5426

MATH_CORRECT5

Variable name: Math_correct5
Description: Total correct responses for Math Fluency, NP Exam 5

Code or Value	Description	Count
21 – 159	Range of value	184
.	Unknown	5446

MATH_INCORRECT_ADD5

Variable name: Math_incorrect_add5
Description: Incorrect responses for addition problems, NP Exam 5

Code or Value	Description	Count
0 – 20	Range of value	179
.	Unknown	5451

MATH_INCORRECT_SUB5

Variable name: Math_incorrect_sub5
Description: Incorrect responses for subtraction problems, NP Exam 5

Code or Value	Description	Count
0 – 27	Range of value	177
.	Unknown	5453

MATH_INCORRECT_MUL5

Variable name: Math_incorrect_mul5
Description: Incorrect responses for multiplication problems, NP Exam 5

Code or Value	Description	Count
0 – 17	Range of value	178
.	Unknown	5452

RIGHT_OPEN5

Variable name: right_open5
Description: Seconds from balance test on right leg with eyes open (maximum time is set at 30 seconds), NP Exam 5

Code or Value	Description	Count
0 – 30	Range of value	0
.	Unknown	5630

LEFT_OPEN5

Variable name: left_open5
Description: Seconds from balance test on left leg with eyes open (maximum time is set at 30 seconds), NP Exam 5

Code or Value	Description	Count
0 – 30	Range of value	0
.	Unknown	5630

RIGHT_CLOSE5

Variable name: right_close5
Description: Seconds from balance test on right leg with eyes closed (maximum time is set at 30 seconds), NP Exam 5

Code or Value	Description	Count
0 – 30	Range of value	0
.	Unknown	5630

LEFT_CLOSE5

Variable name: left_close5

Description: Seconds from balance test on left leg with eyes closed (maximum time is set at 30 seconds), NP Exam 5

Code or Value	Description	Count
0 – 30	Range of value	0
.	Unknown	5630

DATE_CORE1

Variable name: date_core1
Description: Exam date of core exam 1 (MMDDYYYY)

Code or Value	Description	Count
1971 – 1975	Range of value	5124
.	Unknown	506

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE2

Variable name: date_core2
Description: Exam date of core exam 2 (MMDDYYYY)

Code or Value	Description	Count
1979 – 1983	Range of value	3863
.	Unknown	1767

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE3

Variable name: date_core3
Description: Exam date of core exam 3 (MMDDYYYY)

Code or Value	Description	Count
1983 – 1987	Range of value	3873
.	Unknown	1757

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE4

Variable name: date_core4
Description: Exam date of core exam 4 (MMDDYYYY)

Code or Value	Description	Count
1987 – 1991	Range of value	4019
.	Unknown	1611

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE5

Variable name: date_core5
Description: Exam date of core exam 5 (MMDDYYYY)

Code or Value	Description	Count
1991 – 1998	Range of value	4305
.	Unknown	1325

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE6

Variable name: date_core6
Description: Exam date of core exam 6 (MMDDYYYY)

Code or Value	Description	Count
1995 – 1998	Range of value	3532
.	Unknown	2098

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE7

Variable name: date_core7
Description: Exam date of core exam 7 (MMDDYYYY)

Code or Value	Description	Count
1998 – 2001	Range of value	3943
.	Unknown	1687

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE8

Variable name: date_core8

Description: Exam date of core exam 8 (MMDDYYYY)

Code or Value	Description	Count
2005 – 2008	Range of value	3318
.	Unknown	2312

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

DATE_CORE9

Variable name: date_core9

Description: Exam date of core exam 9 (MMDDYYYY)

Code or Value	Description	Count
2011 – 2014	Range of value	2730
.	Unknown	2900

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_CLOSEST_EXAM_DATE1

Variable name: np_closest_exam_date1

Description: FHS core exam date that was closest to the first NP test

Code or Value	Description	Count
1971 – 2014	Range of value	3383
.	Unknown	2247

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_DAYS_APART1

Variable name: np_days_apart1

Description: The number of days between the FHS core exam date that was closest to the first NP test and the first NP test date.

Code or Value	Description	Count
-11109 – 4432	Range of value	3383
.	Unknown	2247

Note: A negative value means that the FHS core exam that was closest to the NP test occurred prior to the NP test, while a positive value means that the closest FHS core exam occurred after the NP test.

NP_EXAM_CYCLE1

Variable name: np_exam_cycle1

Description: FHS core exam cycle that was closest to the first NP test

Code or Value	Description	Count
1		16
2		269
3		49
4		38
5		44
6		50
7		2489
8		302
9		126
.	Unknown	2247

NP_CLOSEST_EXAM_DATE2

Variable name: np_closest_exam_date2

Description: FHS core exam date that was closest to the second NP test

Code or Value	Description	Count
1971 – 2014	Range of value	2510
.	Unknown	3120

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_DAYS_APART2

Variable name: np_days_apart2

Description: The number of days between the FHS core exam date that was closest to the second NP test and the second NP test date.

Code or Value	Description	Count
-13155 – 2975	Range of value	2510
.	Unknown	3120

Note: A negative value means that the FHS core exam that was closest to the NP test occurred prior to the NP test, while a positive value means that the closest FHS core exam occurred after the NP test.

NP_EXAM_CYCLE2

Variable name: np_exam_cycle2

Description: FHS core exam cycle that was closest to the second NP test

Code or Value	Description	Count
1		5
2		11
3		150
4		57
5		2
6		25
7		260
8		1708
9		292
.	Unknown	3120

NP_CLOSEST_EXAM_DATE3

Variable name: np_closest_exam_date3

Description: FHS core exam date that was closest to the third NP test

Code or Value	Description	Count
1974 – 2014	Range of value	1778
.	Unknown	3852

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_DAYS_APART3**Variable name:** np_days_apart3**Description:** The number of days between the FHS core exam date that was closest to the third NP test and the third NP test date.

Code or Value	Description	Count
-14413 – 1692	Range of value	1778
.	Unknown	3852

Note: A negative value means that the FHS core exam that was closest to the NP test occurred prior to the NP test, while a positive value means that the closest FHS core exam occurred after the NP test.

NP_EXAM_CYCLE3**Variable name:** np_exam_cycle3**Description:** FHS core exam cycle that was closest to the third NP test

Code or Value	Description	Count
1		1
2		0
3		16
4		105
5		0
6		4
7		68
8		506
9		1078
.	Unknown	3852

NP_CLOSEST_EXAM_DATE4**Variable name:** np_closest_exam_date4**Description:** FHS core exam date that was closest to the fourth NP test

Code or Value	Description	Count
1998 – 2014	Range of value	864
.	Unknown	4766

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_DAYS_APART4

Variable name: np_days_apart4

Description: The number of days between the FHS core exam date that was closest to the fourth NP test and the fourth NP test date.

Code or Value	Description	Count
-4683 – 1252	Range of value	864
.	Unknown	4766

Note: A negative value means that the FHS core exam that was closest to the NP test occurred prior to the NP test, while a positive value means that the closest FHS core exam occurred after the NP test.

NP_EXAM_CYCLE4

Variable name: np_exam_cycle4

Description: FHS core exam cycle that was closest to the fourth NP test

Code or Value	Description	Count
1		0
2		0
3		2
4		21
5		0
6		0
7		20
8		199
9		622
.	Unknown	4766

NP_CLOSEST_EXAM_DATE5

Variable name: np_closest_exam_date5

Description: FHS core exam date that was closest to the fifth NP test

Code or Value	Description	Count
1998 – 2013	Range of value	342

.	Unknown	5288
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Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NP_DAYS_APART5

Variable name: np_days_apart5

Description: The number of days between the FHS core exam date that was closest to the fifth NP test and the fifth NP test date.

Code or Value	Description	Count
-4746 – 1289	Range of value	342
.	Unknown	5288

Note: A negative value means that the FHS core exam that was closest to the NP test occurred prior to the NP test, while a positive value means that the closest FHS core exam occurred after the NP test.

NP_EXAM_CYCLE5

Variable name: np_exam_cycle5

Description: FHS core exam cycle that was closest to the fifth NP test

Code or Value	Description	Count
1		0
2		0
3		1
4		3
5		0
6		0
7		8
8		73
9		257
.	Unknown	5288

REVIEW_DATE

Variable name: review_date
Description: Date of dementia review by expert consensual panel

Code or Value	Description	Count
1999 – 2018	Range of value	1016
.	Unknown	4614

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality.

NORMAL_DATE

Variable name: normal_date
Description: Last date documented to be cognitively intact

Code or Value	Description	Count
1935 – 2018	Range of value	696
.	Unknown	4934

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. In event that the day and/or month of onset are uncertain, the day is default to 15 and the month is default to 6. The year of onset is always certain for all non-missing values.

IMPAIRMENT_DATE

Variable name: impairment_date
Description: Date of cognitive impairment onset

Code or Value	Description	Count
1935 – 2018	Range of value	502
.	Unknown	5128

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. In event that the day and/or month of onset are uncertain, the day is default to 15 and the month is default to 6. The year of onset is always certain for all non-missing values.

MILD_DATE

Variable name: mild_date
Description: Date of diagnosis of mild dementia

Code or Value	Description	Count
1978 – 2018	Range of value	335
.	Unknown	5295

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. In event that the day and/or month of onset are uncertain, the day is default to 15 and the month is default to 6. The year of onset is always certain for all non-missing values.

MODERATE_DATE

Variable name: moderate_date
Description: Date of diagnosis of moderate dementia

Code or Value	Description	Count
1987 – 2018	Range of value	221
.	Unknown	5409

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. In event that the day and/or month of onset are uncertain, the day is default to 15 and the month is default to 6. The year of onset is always certain for all non-missing values.

SEVERE_DATE

Variable name: severe_date
Description: Date of diagnosis of severe dementia

Code or Value	Description	Count
1989 – 2017	Range of value	134
.	Unknown	5496

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. In event that the day and/or month of onset are uncertain, the day is default to 15 and the month is default to 6. The year of onset is always certain for all non-missing values.

EDDD

Variable name: eddd
Description: Earliest documented date of Dementia

Code or Value	Description	Count
1978 – 2018	Range of value	382
.	Unknown	5248

Note: Date includes month, day and year, however coding manual displays only year to preserve confidentiality. This date variable is an estimated onset date for dementia using the earliest dates of various supporting resources and/or derived from earliest documented date variables of “mild_date”, “moderate_date” and “severe_dates”. In certain situations, the “EDDD” may precede those derived using “mild_date”, “moderate_date” and “severe_dates”.

DEMRV046

Variable name: demrv046
Description: Probable Dementia present

Code or Value	Description	Count
0	No	580
1	Yes	401
.	Unknown	4649

Note: This variable refers to all-cause dementia.

DEMRV103

Variable name: demrv103
Description: Dementia subtype

Code or Value	Description	Count
0	None	370
1	Alzheimer’s disease without stroke	232
2	Alzheimer’s disease with stroke	24
3	Vascular dementia without Alzheimer’s disease	22

4	Mixed dementia type (Alzheimer's disease + vascular dementia)	25
5	Frontotemporal dementia	10
6	Dementia with Lewy bodies	43
7	Dementia that does not fit any other Category (progressive)	32
8	Dementia that does not fit any other category (non- progressive)	1
9	Cognitive Impairment – No Dementia	191
10	Dementia – Uncertain	13
.	Unknown	4667

Note: Value “9” refers to Cognitive impairment without Dementia. These subjects are verified to have mild cognitive impairment (MCI). However, it is also possible that participants, who had not yet been screened by the dementia consensus panel, may also suffer from mild cognitive impairment. Hence, if the research outcome of interest is mild cognitive impairment, it is advisable to also consider the psychometric results of the study population as part of the outcome evaluation.

DEMRV104

Variable name: demrv104

Description: Severity of Dementia subtype

Code or Value	Description	Count
0	None	578
1	Mild	126
2	Moderate	114
3	Severe	150
.	Unknown	4662