

# WHIMS Coordinating Center Document

Created: January 26, 2022

Dataset Name: SCAP\_Public\_JAN2022\_Final

Description: WHIMS SCAP

Structure: multiple rows per participant

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Variable #: 1  
SAS name: id  
SAS label: WHI Common ID  
Categories: cognitive  
Usage Notes: none

Variable #: 2  
SAS name: phase  
SAS label: Phase  
Categories: cognitive  
Usage Notes: none

phase	PERCENT	Number
1 On Trial	26.0	415
2 Post Trial - Extension	21.4	342
3 Post Trial - ECHO	52.4	835

Variable #: 3  
SAS name: scap\_ppt\_status  
SAS label: Status when participant became SCAP eligible  
Categories: cognitive  
Usage Notes: none

scap_ppt_status	PERCENT	Number
Proxy	8.2	132
Deceased	91.8	1460

Variable #: 4  
SAS name: death\_dy  
SAS label: Days to Death  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
1460	4509.58	2510.66	9	9061

Variable #: 5  
SAS name: dq\_status  
SAS label: Status of DQ  
Categories: cognitive  
Usage Notes: none

<b>dq_status</b>	<b>PERCENT</b>	<b>Number</b>
1 Completed	42.2	673
2 Declined	19.4	309
3 Unable to complete	38.4	610

Variable #: 6

SAS name: scap\_dy

SAS label: Days to SCAP (See readme file for potential options for this variable)

Categories: cognitive

Usage Notes: none

<b>N</b>	<b>Mean</b>	<b>StdDeviation</b>	<b>Minimum</b>	<b>Maximum</b>
1592	4416.37	2693.70	-68	9251

Variable #: 7

SAS name: final\_dx

SAS label: Final Diagnosis

Categories: cognitive

Usage Notes: none

<b>final_dx</b>	<b>PERCENT</b>	<b>Number</b>
.	3.4	53
0 Probable No Dementia	29.4	469
1 No Dementia	36.8	586
2 Minor Cognitive Impairment	4.8	77
3 Probable Dementia	7.8	125
4 Unable to Classify - Cognitive Impairment	3.6	57
5 Unable to Classify - Functional Impairment	1.0	17
9 Cannot Classify (SCAP)	13.0	208

Variable #: 8

SAS name: finalclass

SAS label: Final Classification

Categories: cognitive

Usage Notes: none

<b>finalclass</b>	<b>PERCENT</b>	<b>Number</b>
.	93.2	1483
1 Probable Vascular	0.6	9
2 Probable Alzheimer's	0.8	13
3 Dementia: Mixed Type	0.0	1
4 Dementia: Etiology Unknown	1.4	23

finalclass	PERCENT	Number
5 Other	0.4	6
9 Under Review	3.6	57

Variable #: 9

SAS name: dq\_dy

SAS label: 'Days to Dementia Questionnaire'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
657	5512.29	1725.14	2864	9340

Variable #: 10

SAS name: mc\_memory

SAS label: '1. Memory'

Categories: cognitive

Usage Notes: none

mc_memory	PERCENT	Number
.	58.8	935
1 Yes	14.4	229
2 No	26.8	426
3 DK/NR	0.2	2

Variable #: 11

SAS name: mc\_memory\_dy

SAS label: '1. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
212	4585.13	2668.24	-9323	8761

Variable #: 12

SAS name: mc\_names

SAS label: '2. Remembering names'

Categories: cognitive

Usage Notes: none

mc_names	PERCENT	Number
.	58.8	935
1 Yes	6.2	100
2 No	34.6	552
3 DK/NR	0.2	4
4 NA	0.0	1

Variable #: 13  
SAS name: mc\_faces  
SAS label: '3. Recognizing faces'  
Categories: cognitive  
Usage Notes: none

mc_faces	PERCENT	Number
.	58.8	935
1 Yes	3.8	60
2 No	37.0	589
3 DK/NR	0.4	6
4 NA	0.2	2

Variable #: 14  
SAS name: mc\_indoors  
SAS label: '4. Finding way indoors'  
Categories: cognitive  
Usage Notes: none

mc_indoors	PERCENT	Number
.	58.8	935
1 Yes	2.8	46
2 No	37.8	602
3 DK/NR	0.2	4
4 NA	0.4	5

Variable #: 15  
SAS name: mc\_indoors\_dy  
SAS label: '4. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
43	4636.07	2678.09	-746	8542

Variable #: 16  
 SAS name: mc\_streets  
 SAS label: '5. Finding way on streets'  
 Categories: cognitive  
 Usage Notes: none

mc_streets	PERCENT	Number
.	58.8	935
1 Yes	6.0	95
2 No	34.0	542
3 DK/NR	0.6	9
4 NA	0.6	11

Variable #: 17  
 SAS name: mc\_streets\_dy  
 SAS label: '5. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
87	4299.31	2659.79	-746	8761

Variable #: 18  
 SAS name: mc\_shortlist  
 SAS label: '6. Remembering short list'  
 Categories: cognitive  
 Usage Notes: none

mc_shortlist	PERCENT	Number
.	58.8	935
1 Yes	8.2	129
2 No	30.4	485
3 DK/NR	2.4	38
4 NA	0.4	5

Variable #: 19  
 SAS name: mc\_shortlist\_dy  
 SAS label: '6. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
122	4674.58	2629.60	-2748	8761

Variable #: 20  
 SAS name: mc\_trouble  
 SAS label: '7. Trouble begin suddenly or slowly'  
 Categories: cognitive  
 Usage Notes: none

mc_trouble	PERCENT	Number
.	58.8	935
1 Suddenly	4.0	63
2 Slowly	11.2	178
3 DK/NA	0.2	3
4 NA	26.0	413

Variable #: 21  
 SAS name: mc\_course  
 SAS label: '8. Course of memory problems'  
 Categories: cognitive  
 Usage Notes: none

mc_course	PERCENT	Number
.	58.8	935
1 No decline	3.0	49
2 Abrupt decline	3.8	61
3 Steady downhill	8.2	129
4 Got better	0.2	2
5 NA	26.0	413
6 DK/NR	0.2	3

Variable #: 22  
 SAS name: mc\_doctor  
 SAS label: '9. Doctor aware of memory problems'  
 Categories: cognitive  
 Usage Notes: none

mc_doctor	PERCENT	Number
.	58.8	935
1 Yes	11.0	174
2 No	2.0	33
3 DK/NR	2.4	37
4 NA	26.0	413

Variable #: 23

SAS name: mc\_cause  
 SAS label: '10. Causing problem'  
 Categories: cognitive  
 Usage Notes: none

mc_cause	PERCENT	Number
.	58.8	935
1 AD	0.6	10
2 Dementia	3.4	55
3 Confusion	0.2	2
4 Depression	0.0	1
5 Nothing wrong	0.8	14
7 DK/NR	3.0	47
8 NA	29.6	471
9 Other	3.6	57

Variable #: 24  
 SAS name: exp\_word  
 SAS label: '11. Trouble finding right word'  
 Categories: cognitive  
 Usage Notes: none

exp_word	PERCENT	Number
.	58.8	935
1 Yes	11.2	177
2 No	29.8	476
3 DK/NR	0.2	4

Variable #: 25  
 SAS name: exp\_word\_dy  
 SAS label: '11. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
158	4902.15	2515.10	-2178	8907

Variable #: 26  
 SAS name: exp\_talkless  
 SAS label: '12. Talking less'  
 Categories: cognitive  
 Usage Notes: none



exp_talkless	PERCENT	Number
.	58.8	935
1 Yes	12.0	190
2 No	29.0	463
3 DK/NR	0.2	4

Variable #: 27

SAS name: exp\_talkless\_dy

SAS label: '12. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
184	4773.17	2258.75	-87	8987

Variable #: 28

SAS name: exp\_past

SAS label: '13. Dwell in past'

Categories: cognitive

Usage Notes: none

exp_past	PERCENT	Number
.	58.8	935
1 Yes	6.0	96
2 No	35.0	557
3 DK/NR	0.2	4

Variable #: 29

SAS name: exp\_past\_dy

SAS label: '13. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
85	3861.35	3350.58	-16950	8610

Variable #: 30

SAS name: df\_household

SAS label: '14. Trouble with household'

Categories: cognitive

Usage Notes: none

df_household	PERCENT	Number
.	58.8	935
1 Yes	22.2	354
2 No	18.2	289
3 DK/NR	0.4	5
4 NA	0.6	9

Variable #: 31  
SAS name: df\_household\_dy  
SAS label: '14. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
316	4539.27	2734.82	-17243	8761

Variable #: 32  
SAS name: df\_money  
SAS label: '15. Trouble handling money'  
Categories: cognitive  
Usage Notes: none

df_money	PERCENT	Number
.	58.8	935
1 Yes	13.6	216
2 No	26.2	417
3 DK/NR	0.6	8
4 NA	1.0	16

Variable #: 33  
SAS name: df\_money\_dy  
SAS label: '15. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
203	5206.43	2232.98	-1968	8560

Variable #: 34  
SAS name: df\_grasping  
SAS label: '16. Trouble grasping'  
Categories: cognitive  
Usage Notes: none

df_grasping	PERCENT	Number
.	58.8	935
1 Yes	8.0	128
2 No	32.6	518
3 DK/NR	0.6	10
4 NA	0.0	1

Variable #: 35

SAS name: df\_grasping\_dy

SAS label: '16. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
122	4878.55	2304.07	-87	8710

Variable #: 36

SAS name: df\_workoutside

SAS label: '17. Ever worked outside home'

Categories: cognitive

Usage Notes: none

df_workoutside	PERCENT	Number
.	58.8	935
1 Yes	36.4	578
2 No	4.6	74
3 DK/NR	0.2	3
4 NA	0.2	2

Variable #: 37

SAS name: df\_retired

SAS label: '17a. Retired'

Categories: cognitive

Usage Notes: none

df_retired	PERCENT	Number
.	58.8	935
1 Yes	32.2	513
2 No	3.6	56
3 DK/NR	0.8	13
4 NA	4.8	75

Variable #: 38

SAS name: df\_retired\_dy  
 SAS label: '17a. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
351	-2004.04	3516.41	-17373	7081

Variable #: 39  
 SAS name: df\_difficulty  
 SAS label: '17b. Difficulty at work'  
 Categories: cognitive  
 Usage Notes: none

df_difficulty	PERCENT	Number
.	58.8	935
1 Yes	0.4	6
2 No	12.0	192
3 DK/NR	0.6	11
4 NA	28.2	448

Variable #: 40  
 SAS name: df\_difficulty\_dy  
 SAS label: '17b. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
1	-452	.	-452	-452

Variable #: 41  
 SAS name: df\_dressing  
 SAS label: '18. Trouble dressing'  
 Categories: cognitive  
 Usage Notes: none

df_dressing	PERCENT	Number
.	58.8	935
1 Yes, some trouble	6.2	100
2 Yes, needs help	7.8	124
3 No	26.8	426
4 DK/NR	0.2	2
5 NA	0.4	5

Variable #: 42  
 SAS name: df\_dressing\_dy  
 SAS label: '18. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
205	4774.83	2474.47	-4749	8542

Variable #: 43  
 SAS name: df\_feeding  
 SAS label: '19. Trouble feeding self'  
 Categories: cognitive  
 Usage Notes: none

df_feeding	PERCENT	Number
.	58.8	935
1 Yes, some trouble	4.6	73
2 Yes, needs help	5.2	83
3 No	31.2	496
4 DK/NR	0.2	3
5 NA	0.2	2

Variable #: 44  
 SAS name: df\_feeding\_dy  
 SAS label: '19. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
145	4774.88	2401.55	224	8731

Variable #: 45  
 SAS name: df\_bladder  
 SAS label: '20. Trouble bladder/bowels'  
 Categories: cognitive  
 Usage Notes: none

df_bladder	PERCENT	Number
.	58.8	935
1 Yes, some trouble	12.6	200
2 Yes, needs help	7.2	114
3 No	20.0	317

df_bladder	PERCENT	Number
4 DK/NR	1.6	25
5 NA	0.0	1

Variable #: 46  
 SAS name: df\_bladder\_dy  
 SAS label: '20. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
259	4265.66	3144.05	-9042	9127

Variable #: 47  
 SAS name: df\_bed  
 SAS label: '20a. Trouble getting out of bed'  
 Categories: cognitive  
 Usage Notes: none

df_bed	PERCENT	Number
.	58.8	935
1 Yes, some trouble	8.8	140
2 Yes, needs help	9.0	144
3 No	23.0	367
4 DK/NR	0.2	4
5 NA	0.2	2

Variable #: 48  
 SAS name: df\_bed\_dy  
 SAS label: '20a. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
258	4735.27	2603.80	-8906	8987

Variable #: 49  
 SAS name: df\_bathing  
 SAS label: '20b. Trouble bathing'  
 Categories: cognitive  
 Usage Notes: none

df_bathing	PERCENT	Number
.	58.8	935
1 Yes, some trouble	8.8	141
2 Yes, needs help	10.4	164
3 No	21.6	344
4 DK/NR	0.4	6
5 NA	0.2	2

Variable #: 50  
SAS name: df\_bathing\_dy  
SAS label: '20b. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
283	4825.06	2472.45	-8906	8542

Variable #: 51  
SAS name: df\_agitation  
SAS label: '21. Agitation'  
Categories: cognitive  
Usage Notes: none

df_agitation	PERCENT	Number
.	58.8	935
1 Yes	9.4	151
2 No	31.0	495
3 DK/NR	0.6	8
4 NA	0.2	3

Variable #: 52  
SAS name: df\_agitation\_dy  
SAS label: '21. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
133	4586.05	2441.91	-2671	8542

Variable #: 53  
SAS name: rp\_first  
SAS label: '22. First person to notice memory problems'  
Categories: cognitive  
Usage Notes: none

rp_first	PERCENT	Number
.	59.0	938
1 Self	1.4	21
2 Spouse	1.2	20
3 Other relative	1.2	19
4 Other	9.2	146
5 Sibling	0.2	4
6 Child	0.4	5
7 Friend	26.0	413
8 DK/NR	0.8	13
9 NA	0.8	13

Variable #: 54

SAS name: rp\_first\_relative

SAS label: '22. Other relative'

Categories: cognitive

Usage Notes: none

Variable #: 55

SAS name: rp\_noticed\_a

SAS label: '23. First symptoms noticed (a)'

Categories: cognitive

Usage Notes: none

rp_noticed_a	PERCENT	Number
.	58.8	936
1 Forgets dates	4.2	66
2 Forgets names	1.8	30
3 Forgets to eat	0.2	4
4 Forgets things told	2.2	35
5 Forgets where things are	0.6	9
6 Unspecified/other	1.8	28
8 Problems driving	0.0	1
9 Problems with money	0.2	4
10 Confusion	1.6	27
11 Gets lost	0.4	5
12 No interest in hobbies	0.2	3
13 Less active	0.2	3
14 Seems different	0.2	2
15 Cant use familiar equipment	0.2	2



rp_noticed_a	PERCENT	Number
16 Other	1.0	15
17 DK/NR	0.4	7
18 NA	26.0	415

Variable #: 56

SAS name: rp\_noticed\_b

SAS label: '23. First symptoms noticed (b)'

Categories: cognitive

Usage Notes: none

rp_noticed_b	PERCENT	Number
.	60.0	954
1 Forgets dates	0.6	9
2 Forgets names	1.4	21
3 Forgets to eat	0.4	7
4 Forgets things told	2.6	41
5 Forgets where things are	1.0	16
6 Unspecified/other	2.0	31
7 Problems with job	0.0	1
8 Problems driving	0.4	7
9 Problems with money	0.4	7
10 Confusion	1.8	28
11 Gets lost	0.4	7
12 No interest in hobbies	0.2	4
13 Less active	0.6	9
14 Seems different	0.2	4
15 Cant use familiar equipment	0.0	1
16 Other	0.6	8
17 DK/NR	0.6	10
18 NA	26.8	427

Variable #: 57

SAS name: rp\_noticed\_c

SAS label: '23. First symptoms noticed (c)'

Categories: cognitive

Usage Notes: none

rp_noticed_c	PERCENT	Number
.	60.8	967
1 Forgets dates	0.2	3
2 Forgets names	0.2	3
3 Forgets to eat	0.2	2
4 Forgets things told	1.0	17
5 Forgets where things are	0.4	5
6 Unspecified/other	1.4	23
7 Problems with job	0.0	1
8 Problems driving	0.6	9
9 Problems with money	0.6	8
10 Confusion	1.8	29
11 Gets lost	0.6	10
12 No interest in hobbies	0.6	8
13 Less active	1.2	20
14 Seems different	0.6	10
15 Cant use familiar equipment	0.0	1
16 Other	1.2	19
17 DK/NR	0.8	14
18 NA	27.8	443

Variable #: 58  
SAS name: rp\_noticed\_other  
SAS label: '23. Other'  
Categories: cognitive  
Usage Notes: none

Variable #: 59  
SAS name: df\_lasttime\_dy  
SAS label: '24. Days to'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
250	4813.22	2470.33	-3303	8761

Variable #: 60  
SAS name: op\_highbp  
SAS label: '25. High blood pressure'  
Categories: cognitive  
Usage Notes: none

op_highbp	PERCENT	Number
.	58.8	935
1 Yes	23.2	370
2 No	15.0	238
3 DK/NR	3.0	48
4 NA	0.0	1

Variable #: 61

SAS name: op\_stroke

SAS label: '26. Stroke'

Categories: cognitive

Usage Notes: none

op_stroke	PERCENT	Number
.	58.8	935
1 Yes	5.2	84
2 No	34.6	550
3 DK/NR	1.4	21
4 NA	0.2	2

Variable #: 62

SAS name: op\_stroke\_dy

SAS label: '26. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
76	3811.25	3777.15	-9589	8675

Variable #: 63

SAS name: op\_weaker

SAS label: '27. One side of body weaker'

Categories: cognitive

Usage Notes: none

op_weaker	PERCENT	Number
.	58.8	936
1 Yes	6.6	104
2 No	33.2	530
3 DK/NR	1.2	20
4 NA	0.2	2

Variable #: 64

SAS name: op\_parkinson  
 SAS label: '28. Parkinsons disease'  
 Categories: cognitive  
 Usage Notes: none

op_parkinson	PERCENT	Number
.	58.8	936
1 Yes	1.6	24
2 No	39.4	627
3 DK/NR	0.2	4
4 NA	0.0	1

Variable #: 65  
 SAS name: op\_parkinson\_dy  
 SAS label: '28. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
19	1996	3140.08	-6397	5689

Variable #: 66  
 SAS name: op\_head  
 SAS label: '29. Head injury'  
 Categories: cognitive  
 Usage Notes: none

op_head	PERCENT	Number
.	58.8	935
1 Yes	4.2	67
2 No	35.2	561
3 DK/NR	1.8	28
4 NA	0.0	1

Variable #: 67  
 SAS name: op\_head\_dy  
 SAS label: '29. Days to'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
56	2341.09	6101.33	-21025	8542

Variable #: 68  
 SAS name: op\_seizure

SAS label: '30. Seizure'

Categories: cognitive

Usage Notes: none

op_seizure	PERCENT	Number
.	58.8	935
1 Yes	1.0	15
2 No	39.8	633
3 DK/NR	0.4	7
4 NA	0.2	2

Variable #: 69

SAS name: op\_seizure\_dy

SAS label: '30. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
12	3023.58	3813.20	-6023	8036

Variable #: 70

SAS name: op\_syphillis

SAS label: '31. Syphillis'

Categories: cognitive

Usage Notes: none

op_syphillis	PERCENT	Number
.	58.8	935
2 No	40.6	645
3 DK/NR	0.6	10
4 NA	0.2	2

Variable #: 71

SAS name: op\_syphillis\_dy

SAS label: '31. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
0	.	.	.	.

Variable #: 72

SAS name: op\_diabetes

SAS label: '32. Diabetes'

Categories: cognitive

Usage Notes: none

op_diabetes	PERCENT	Number
.	58.8	935
1 Yes	8.0	128
2 No	32.2	513
3 DK/NR	0.8	13
4 NA	0.2	3

Variable #: 73

SAS name: op\_drinking

SAS label: '33. Drinking problem'

Categories: cognitive

Usage Notes: none

op_drinking	PERCENT	Number
.	58.8	935
1 Yes	2.2	34
2 No	38.6	613
3 DK/NR	0.4	5
4 NA	0.4	5

Variable #: 74

SAS name: op\_memory

SAS label: '33a. Memory problems coincide with drinking'

Categories: cognitive

Usage Notes: none

op_memory	PERCENT	Number
.	58.8	937
1 Yes	0.6	10
2 No	1.6	27
3 DK/NR	0.6	9
4 NA	38.2	609

Variable #: 75

SAS name: op\_depressed

SAS label: '34. Depressed'

Categories: cognitive

Usage Notes: none

op_depressed	PERCENT	Number
.	58.8	935
1 Yes	11.4	181
2 No	28.8	460
3 DK/NR	1.0	15
4 NA	0.0	1

Variable #: 76

SAS name: op\_depressed\_treat

SAS label: '34a. Ever seek treatment'

Categories: cognitive

Usage Notes: none

op_depressed_treat	PERCENT	Number
.	58.8	936
1 Yes	4.8	76
2 No	6.4	102
3 DK/NR	0.6	9
4 NA	29.4	469

Variable #: 77

SAS name: op\_high

SAS label: '35. Ever high'

Categories: cognitive

Usage Notes: none

op_high	PERCENT	Number
.	58.8	935
1 Yes	1.2	18
2 No	39.4	627
3 DK/NR	0.6	8
4 NA	0.2	4

Variable #: 78

SAS name: op\_high\_treat

SAS label: '35a. Ever seek treatment'

Categories: cognitive

Usage Notes: none

op_high_treat	PERCENT	Number
.	58.8	935
1 Yes	0.4	5
2 No	1.2	20
3 DK/NR	0.2	2
4 NA	39.6	630

Variable #: 79

SAS name: op\_psychiatric

SAS label: '36. Ever seek psychiatric help'

Categories: cognitive

Usage Notes: none

op_psychiatric	PERCENT	Number
.	58.8	935
1 Yes	4.8	75
2 No	35.0	557
3 DK/NR	1.4	22
4 NA	0.2	3

Variable #: 80

SAS name: op\_psychiatric\_hosp

SAS label: '36a. Ever hospitalized for psych illness'

Categories: cognitive

Usage Notes: none

op_psychiatric_hosp	PERCENT	Number
.	58.8	935
1 Yes	0.8	14
2 No	7.6	121
3 DK/NR	0.4	6
4 NA	32.4	516

Variable #: 81

SAS name: op\_psychiatric\_hosp\_dy

SAS label: '36a. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
10	-9405.8	7028.15	-17139	1734



Variable #: 82  
 SAS name: op\_famds  
 SAS label: '37. Anyone in family with Downs syndrome'  
 Categories: cognitive  
 Usage Notes: none

op_famds	PERCENT	Number
.	58.8	935
1 Yes	1.4	23
2 No	38.2	608
3 DK/NR	1.6	24
4 NA	0.2	2

Variable #: 83  
 SAS name: op\_famds\_who  
 SAS label: 37. Who'  
 Categories: cognitive  
 Usage Notes: none

Variable #: 84  
 SAS name: op\_other  
 SAS label: '38. Other problems'  
 Categories: cognitive  
 Usage Notes: none

op_other	PERCENT	Number
.	58.8	935
1 Yes	24.4	389
2 No	16.2	258
3 DK/NR	0.4	6
4 NA	0.2	4

Variable #: 85  
 SAS name: mdc\_meds  
 SAS label: '40. Receive meds for memory problems'  
 Categories: cognitive  
 Usage Notes: none

mdc_meds	PERCENT	Number
.	58.8	935
1 Yes	3.0	48
2 No	32.8	522

mdc_meds	PERCENT	Number
3 DK/NR	1.8	28
4 NA	3.8	59

Variable #: 86

SAS name: mdc\_exam

SAS label: '41. Have neuro or psych exam'

Categories: cognitive

Usage Notes: none

mdc_exam	PERCENT	Number
.	58.8	935
1 Yes	11.4	180
2 No	23.2	368
3 DK/NR	6.4	103
4 NA	0.4	6

Variable #: 87

SAS name: mdc\_mri

SAS label: '42. Have CAT scan or MRI of head'

Categories: cognitive

Usage Notes: none

mdc_mri	PERCENT	Number
.	58.8	935
1 Yes	17.4	276
2 No	14.6	233
3 DK/NR	9.0	142
4 NA	0.4	6

Variable #: 88

SAS name: mdc\_mri\_dy

SAS label: '42. Days to'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
196	3796.97	3385.11	-17338	8542

Variable #: 89

SAS name: mdc\_institution

SAS label: '43. Ever in institution'

Categories: cognitive

Usage Notes: none

mdc_institution	PERCENT	Number
.	58.8	936
1 Yes	15.2	242
2 No	25.6	408
3 DK/NR	0.0	1
4 NA	0.4	5

Variable #: 90

SAS name: mdc\_institution\_year1\_dy

SAS label: '43. Days to Year1'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
210	4949.93	2173.57	-730	8761

Variable #: 91

SAS name: mdc\_institution\_year2\_dy

SAS label: '43. Days to Year2'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
8	6984.75	2240.09	1826	8490

Variable #: 92

SAS name: mdc\_institution\_year3\_dy

SAS label: '43. Days to Year3'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
0	.	.	.	.

Variable #: 93

SAS name: mdc\_diagnosis

SAS label: '44. Diagnosis'

Categories: cognitive

Usage Notes: none

Variable #: 94

SAS name: oi\_school

SAS label: '45. Schooling'

Categories: cognitive

Usage Notes: none

oi_school	PERCENT	Number
.	58.8	935
1 Less than HS	1.6	26
2 HS graduate	10.4	166
3 Some college	10.0	160
4 College graduate	11.4	180
5 Some grad school	0.8	12
6 Masters	5.8	91
7 PHD/MD/JD	0.6	9
8 DK/NR	0.6	11
9 Missing	0.2	2

Variable #: 95

SAS name: oi\_contact

SAS label: '46. How often have contact'

Categories: cognitive

Usage Notes: none

oi_contact	PERCENT	Number
.	58.8	936
1 Live together	6.2	100
2 Daily	17.6	279
3 3 times or more/week	11.0	175
4 Less than 3 times/week	6.2	98
5 DK/NR	0.2	2
6 Missing	0.2	2

Variable #: 96

SAS name: oi\_contact\_most

SAS label: '46a. Most frequent type of contact'

Categories: cognitive

Usage Notes: none

oi_contact_most	PERCENT	Number
.	58.8	936
1 Mostly in person	17.2	273
2 Mostly phone	6.2	98
3 Both	17.6	280
4 Other	0.2	2
5 DK/NR	0.0	1
6 Missing	0.2	2

Variable #: 97  
 SAS name: oi\_contact\_most\_other  
 SAS label: '46a. Other'  
 Categories: cognitive  
 Usage Notes: none

Variable #: 98  
 SAS name: oi\_drive  
 SAS label: '47. Ever drive'  
 Categories: cognitive  
 Usage Notes: none

oi_drive	PERCENT	Number
.	58.8	935
1 Yes	39.8	633
2 No	1.2	18
3 DK/NR	0.2	4
4 NA	0.2	2

Variable #: 99  
 SAS name: oi\_stopdrive  
 SAS label: '47a. Ever stop driving'  
 Categories: cognitive  
 Usage Notes: none

oi_stopdrive	PERCENT	Number
.	58.8	935
1 Yes	29.2	465
2 No	10.6	168
3 DK/NR	0.0	1
4 NA	1.4	23

Variable #: 100  
 SAS name: oi\_stopdrive\_when\_dy  
 SAS label: '47b. Days to When'  
 Categories: cognitive  
 Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
422	3627.10	3082.93	-21373	8761

Variable #: 101  
 SAS name: oi\_stopdrive\_lost  
 SAS label: '47b. Gets lost'

Categories: cognitive  
Usage Notes: none

oi_stopdrive_lost	PERCENT	Number
. Missing	97	1544
1 Yes	3	48

Variable #: 102  
SAS name: oi\_stopdrive\_eye  
SAS label: '47b. Poor eyesight'  
Categories: cognitive  
Usage Notes: none

oi_stopdrive_eye	PERCENT	Number
. Missing	97.2	1546
1 Yes	2.8	46

Variable #: 103  
SAS name: oi\_stopdrive\_ill  
SAS label: '47b. Illness'  
Categories: cognitive  
Usage Notes: none

oi_stopdrive_ill	PERCENT	Number
. Missing	92.6	1473
1 Yes	7.4	119

Variable #: 104  
SAS name: oi\_stopdrive\_reflex  
SAS label: '47b. Bad coordination'  
Categories: cognitive  
Usage Notes: none

oi_stopdrive_reflex	PERCENT	Number
. Missing	98	1559
1 Yes	2	33

Variable #: 105  
SAS name: oi\_stopdrive\_accident  
SAS label: '47b. Frequent accidents'  
Categories: cognitive  
Usage Notes: none

oi_stopdrive_accident	PERCENT	Number
. Missing	98.4	1568
1 Yes	1.6	24

Variable #: 106

SAS name: oi\_stopdrive\_fear

SAS label: '47b. Fear'

Categories: cognitive

Usage Notes: none

oi_stopdrive_fear	PERCENT	Number
. Missing	97.2	1547
1 Yes	2.8	45

Variable #: 107

SAS name: oi\_stopdrive\_cognitive

SAS label: '47b. Other cognitive problems'

Categories: cognitive

Usage Notes: none

oi_stopdrive_cognitive	PERCENT	Number
. Missing	99.4	1584
1 Yes	0.6	8

Variable #: 108

SAS name: oi\_stopdrive\_other

SAS label: '47b. Other'

Categories: cognitive

Usage Notes: none

oi_stopdrive_other	PERCENT	Number
. Missing	90	1434
1 Yes	10	158

Variable #: 109

SAS name: oi\_stopdrive\_other\_sp

SAS label: '47b. Other specify'

Categories: cognitive

Usage Notes: none

Variable #: 110

SAS name: oi\_stopdrive\_dk

SAS label: '47b. Dont know'

Categories: cognitive

Usage Notes: none

oi_stopdrive_dk	PERCENT	Number
. Missing	99	1577
1 Yes	1	15

Variable #: 111

SAS name: oi\_stopdrive\_na

SAS label: '47b. Not applicable'

Categories: cognitive

Usage Notes: none

oi_stopdrive_na	PERCENT	Number
. Missing	87.6	1396
1 Yes	12.4	196

Variable #: 112

SAS name: oi\_drive\_problems

SAS label: '47c. Have any problems'

Categories: cognitive

Usage Notes: none

oi_drive_problems	PERCENT	Number
.	59.8	953
1 Yes	1.8	28
2 No	8.0	126
3 DK/NR	0.4	5
4 NA	30.2	480

Variable #: 113

SAS name: oi\_drive\_problems\_lost

SAS label: '47d. Gets lost'

Categories: cognitive

Usage Notes: none

oi_drive_problems_lost	PERCENT	Number
. Missing	99.4	1584
1 Yes	0.6	8

Variable #: 114

SAS name: oi\_drive\_problems\_eye

SAS label: '47d. Poor eyesight'

Categories: cognitive

Usage Notes: none



oi_drive_problems_eye	PERCENT	Number
. Missing	99.8	1588
1 Yes	0.2	4

Variable #: 115

SAS name: oi\_drive\_problems\_ill

SAS label: '47d. Illness'

Categories: cognitive

Usage Notes: none

oi_drive_problems_ill	PERCENT	Number
. Missing	99.6	1585
1 Yes	0.4	7

Variable #: 116

SAS name: oi\_drive\_problems\_reflex

SAS label: '47d. Bad coordination'

Categories: cognitive

Usage Notes: none

oi_drive_problems_reflex	PERCENT	Number
. Missing	99.8	1588
1 Yes	0.2	4

Variable #: 117

SAS name: oi\_drive\_problems\_accident

SAS label: '47d. Frequent accidents'

Categories: cognitive

Usage Notes: none

oi_drive_problems_accident	PERCENT	Number
. Missing	99.8	1589
1 Yes	0.2	3

Variable #: 118

SAS name: oi\_drive\_problems\_fear

SAS label: '47d. Fear'

Categories: cognitive

Usage Notes: none

oi_drive_problems_fear	PERCENT	Number
. Missing	99.6	1585
1 Yes	0.4	7

Variable #: 119

SAS name: oi\_drive\_problems\_cognitive

SAS label: '47d. Other cognitive problems'

Categories: cognitive

Usage Notes: none

oi_drive_problems_cognitive	PERCENT	Number
. Missing	100	1592

Variable #: 120

SAS name: oi\_drive\_problems\_noc

SAS label: '47d. NOC'

Categories: cognitive

Usage Notes: none

Variable #: 121

SAS name: oi\_drive\_problems\_other

SAS label: '47d. Other'

Categories: cognitive

Usage Notes: none

oi_drive_problems_other	PERCENT	Number
. Missing	99.2	1580
1 Yes	0.8	12

Variable #: 122

SAS name: oi\_drive\_problems\_other\_sp

SAS label: '47d. Other specify'

Categories: cognitive

Usage Notes: none

Variable #: 123

SAS name: oi\_drive\_problems\_dk

SAS label: '47d. Dont know'

Categories: cognitive

Usage Notes: none

oi_drive_problems_dk	PERCENT	Number
. Missing	99.8	1589
1 Yes	0.2	3

Variable #: 124

SAS name: oi\_drive\_problems\_na

SAS label: '47d. Not applicable'

Categories: cognitive

Usage Notes: none

oi_drive_problems_na	PERCENT	Number
. Missing	63.8	1015
1 Yes	36.2	577

Variable #: 125

SAS name: oi\_autopsy

SAS label: '48. Autopsy done'

Categories: cognitive

Usage Notes: none

oi_autopsy	PERCENT	Number
.	59.4	945
1 Yes	1.8	28
2 No	30.8	490
3 DK/NR	2.4	38
4 NA	5.8	91

Variable #: 126

SAS name: si\_admitted

SAS label: '49. Admitted to hospital'

Categories: cognitive

Usage Notes: none

si_admitted	PERCENT	Number
.	64.0	1019
1 Yes	4.6	73
2 No	0.6	9
3 DK/NR	0.0	1
4 NA	30.8	490

Variable #: 127

SAS name: si\_body

SAS label: '50. Problems with any body part'

Categories: cognitive

Usage Notes: none

si_body	PERCENT	Number
.	64.0	1019
1 Yes	3.8	61
2 No	1.2	18
3 DK/NR	0.2	3
4 NA	30.8	491

Variable #: 128  
SAS name: si\_body\_part  
SAS label: '50. Which part'  
Categories: cognitive  
Usage Notes: none

Variable #: 129  
SAS name: si\_body\_problem  
SAS label: '50. Problem'  
Categories: cognitive  
Usage Notes: none

Variable #: 130  
SAS name: si\_speech  
SAS label: '51. Speech problem'  
Categories: cognitive  
Usage Notes: none

si_speech	PERCENT	Number
.	64.0	1019
1 Yes	3.2	51
2 No	1.8	28
3 DK/NR	0.0	1
4 NA	31.0	493

Variable #: 131  
SAS name: si\_memory\_before  
SAS label: '52. Memory problems before stroke'  
Categories: cognitive  
Usage Notes: none

si_memory_before	PERCENT	Number
.	64.0	1019
1 Yes	1.6	25
2 No	3.6	56
3 DK/NR	0.0	1
4 NA	30.8	491

Variable #: 132  
SAS name: si\_memory\_after  
SAS label: '53. Memory problems after stroke'  
Categories: cognitive  
Usage Notes: none

si_memory_after	PERCENT	Number
.	64.0	1019
1 Yes	2.6	41
2 No	2.0	31
3 DK/NR	0.4	6
4 NA	31.0	495

Variable #: 133

SAS name: si\_betterworse

SAS label: '54. Memory better or worse after stroke'

Categories: cognitive

Usage Notes: none

si_betterworse	PERCENT	Number
.	64.0	1019
1 No change	1.6	24
3 Worse	2.0	31
4 DK/NR	0.6	9
5 NA	32.0	509

Variable #: 134

SAS name: si\_medications

SAS label: '55. Given any meds'

Categories: cognitive

Usage Notes: none

si_medications	PERCENT	Number
.	64.0	1019
1 Yes	2.6	40
2 No	1.0	17
3 DK/NR	1.2	19
4 NA	31.2	497

Variable #: 135

SAS name: si\_medications\_what

SAS label: '55. What'

Categories: cognitive

Usage Notes: none

Variable #: 136

SAS name: si\_onestroke

SAS label: '56. More than one stroke'

Categories: cognitive

Usage Notes: none

si_onestroke	PERCENT	Number
.	64.2	1022
1 Yes	0.8	14
2 No	3.6	57
3 DK/NR	0.2	3
4 NA	31.2	496

Variable #: 137

SAS name: si\_onestroke\_yr2\_dy

SAS label: '56. Days to Year1'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
11	4926.09	2619.14	-374	7923

Variable #: 138

SAS name: si\_onestroke\_yr3\_dy

SAS label: '56. Days to Year2'

Categories: cognitive

Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
0	.	.	.	.

Variable #: 139

SAS name: si\_onestroke\_admitted

SAS label: '57. Admitted to hospital'

Categories: cognitive

Usage Notes: none

si_onestroke_admitted	PERCENT	Number
.	64.4	1024
1 Yes	0.6	11
2 No	0.2	3
4 NA	34.8	554

Variable #: 140

SAS name: si\_onestroke\_body

SAS label: '58. Problems with any body part'

Categories: cognitive

Usage Notes: none

si_onestroke_body	PERCENT	Number
.	64.4	1025
1 Yes	0.4	7
2 No	0.4	7
4 NA	34.8	553

Variable #: 141

SAS name: si\_onestroke\_part

SAS label: '58. Which part'

Categories: cognitive

Usage Notes: none

Variable #: 142

SAS name: si\_onestroke\_problem

SAS label: '58. Problem'

Categories: cognitive

Usage Notes: none

Variable #: 143

SAS name: si\_onestroke\_long

SAS label: '58. How long did it last'

Categories: cognitive

Usage Notes: none

Variable #: 144

SAS name: si\_onestroke\_speech

SAS label: '59. Speech problem'

Categories: cognitive

Usage Notes: none

si_onestroke_speech	PERCENT	Number
.	64.4	1025
1 Yes	0.4	5
2 No	0.6	10
4 NA	34.6	552

Variable #: 145

SAS name: si\_onestroke\_speech\_long

SAS label: '59. How long did it last'

Categories: cognitive

Usage Notes: none

Variable #: 146

SAS name: si\_onestroke\_before

SAS label: '60. Memory problems before stroke'

Categories: cognitive

Usage Notes: none

si_onestroke_before	PERCENT	Number
.	64.4	1025
1 Yes	0.4	5
2 No	0.6	9
4 NA	34.8	553

Variable #: 147

SAS name: si\_onestroke\_after

SAS label: '61. Memory problems after stroke'

Categories: cognitive

Usage Notes: none

si_onestroke_after	PERCENT	Number
.	64.4	1025
1 Yes	0.6	9
2 No	0.2	4
3 DK/NR	0.0	1
4 NA	34.8	553

Variable #: 148

SAS name: si\_onestroke\_betterworse

SAS label: '62. Memory better or worse after stroke'

Categories: cognitive

Usage Notes: none

si_onestroke_betterworse	PERCENT	Number
.	64.4	1025
1 No change	0.2	4
3 Worse	0.4	6
4 DK/NR	0.2	2
5 NA	34.8	555

Variable #: 149

SAS name: si\_onestroke\_medications

SAS label: '63. Given any meds'

Categories: cognitive

Usage Notes: none



si_onestroke_medications	PERCENT	Number
.	64.4	1025
1 Yes	0.4	5
2 No	0.2	4
3 DK/NR	0.4	5
4 NA	34.8	553

Variable #: 150  
SAS name: si\_onestroke\_medications\_what  
SAS label: '63. What'  
Categories: cognitive  
Usage Notes: none

Variable #: 151  
SAS name: df\_age  
SAS label: '17a. Age'  
Categories: cognitive  
Usage Notes: none

N	Mean	StdDeviation	Minimum	Maximum
420	64.3738	12.3783	0	93