



# **The BIOCARD Study**

Biomarkers of Cognitive Decline  
Among Normal Individuals

**Diagnosis**  
**Limited Dataset**  
November 2015

## Glossary of Terms

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Term	Description
Allowable Codes	codes (and their meanings) allowed to be values for that variable
Audit Findings	error rates based on BIOCARD or NIH phase audits error rates are calculated as number of errors / total number of variables examined
Baseline visit	date admitted to NIH phase of BIOCARD study <i>[Note: some data may have been collected prior to this date]</i>
Collection	when the variable information was collected (i.e., Baseline, Follow-up)
Comments	further information about the variable not covered in the above fields
Data Type	numeric or character <i>[Note: Dates are numeric data]</i> numeric or character classifications are strictly related to how the data are stored and not how the data should be analyzed
JHU phase	the study phase at JHU from 2009 - present
Missing OK If	instances (such as skips) or reasons why a blank or missing value is acceptable
NA	not applicable for this variable
NIH / NIH phase	the study phase that was performed at the NIH from 1995-2005
Question Text	the question as it appears on the NACC or BIOCARD data collection forms
Short Description	a short explanation of what the variable means
Source	the name of the NACC form, BIOCARD form, or NIH dataset containing the variable information (or "DERIVED" if the variable was derived) and the variable question number located on the form or in the dataset, if applicable
Unknown Code	the codes for the "unknown", "don't know", or missing values for the variable
Variable Name	the name of the variable in the provided dataset <i>[Note: Variables will follow the NACC naming scheme as closely as possible]</i>

## Acronyms and Definitions

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AD	Alzheimer's Disease	JHU	The Johns Hopkins University
CDR	Clinical Dementia Rating	MCI	Mild Cognitive Impairment
CERAD	Consortium to Establish a Registry for Alzheimer's Disease	MMSE	Mini-Mental State Examination
CNS	Central Nervous System	NACC	National Alzheimer's Coordinating Center
CSF	Cerebrospinal Fluid	NIA	National Institute on Aging
CVD	Cardiovascular Disease	NINDS	National Institute of Neurological Disorders and Stroke
CVLT	California Verbal Learning Test	NPI-Q	Neuropsychiatric Inventory Questionnaire
FAQ	Functional Assessment Questionnaire	UPDRS	Unified Parkinson's Disease Rating Scale
FTD	Frontotemporal Degenerations	WAIS	Wechsler Adult Intelligence Scale
GDS	Geriatric Depression Scale	WMS	Wechsler Memory Scale

# Diagnosis Limited Dataset Characteristics

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Number of variables: 86

Order of variables:

1)	JHUANONID	<i>Participant ID Anonymized by JHU</i>
2)	VISITNO	<i>Diagnosis visit number</i>
3)	MOFROMBL	<i>Months since baseline visit</i>
4)	STARTYEAR	<i>Year of study start</i>
5)	BIRTHYR	<i>Year of participant's birth</i>
6)	DIAG	<i>Diagnosis at visit</i>
7)	DECAGE	<i>Age of onset of clinical symptoms</i>
8)	WHODIDDX	<i>Who did diagnosis</i>
9)	NORMCOG	<i>Normal cognition</i>
10)	DEMENTED	<i>Dementia criteria met</i>
11)	MCIAMEM	<i>Amnesic MCI, memory impairment only</i>
12)	MCIAPLUS	<i>Amnesic MCI, memory impairment plus</i>
13)	MCIAPLAN	<i>Amnesic MCI plus language</i>
14)	MCIAPATT	<i>Amnesic MCI plus attention</i>
15)	MCIAPEX	<i>Amnesic MCI plus executive function</i>
16)	MCIAPVIS	<i>Amnesic MCI plus visuospatial</i>
17)	MCINON1	<i>Non-amnesic MCI, single domain</i>
18)	MCIN1LAN	<i>Non-amnesic MCI, single domain, language</i>
19)	MCIN1ATT	<i>Non-amnesic MCI, single domain, attention</i>
20)	MCIN1EX	<i>Non-amnesic MCI, single domain, executive function</i>
21)	MCIN1VIS	<i>Non-amnesic MCI, single domain, visuospatial</i>
22)	MCINON2	<i>Non-amnesic MCI, multiple domains</i>
23)	MCIN2LAN	<i>Non-amnesic MCI, multiple domains, language</i>
24)	MCIN2ATT	<i>Non-amnesic MCI, multiple domains, attention</i>
25)	MCIN2EX	<i>Non-amnesic MCI, multiple domains, executive function</i>
26)	MCIN2VIS	<i>Non-amnesic MCI, multiple domains, visuospatial</i>
27)	IMPNOMCI	<i>Impaired, not MCI</i>
28)	PROBAD	<i>Probable AD</i>
29)	PROBADIF	<i>Probable AD, primary or contributing</i>
30)	POSSAD	<i>Possible AD</i>
31)	POSSADIF	<i>Possible AD, primary or contributing</i>
32)	DLB	<i>Dementia with Lewy bodies</i>
33)	DLBIF	<i>Dementia with Lewy bodies, primary or contributing</i>
34)	VASC	<i>Vascular dementia (NINDS/AIREN Probable)</i>
35)	VASCIF	<i>Vascular dementia (NINDS/AIREN Probable), primary or contributing</i>

36)	VASCPS	<i>Vascular dementia (NINDS/AIREN Possible)</i>
37)	VASCPSIF	<i>Vascular dementia (NINDS/AIREN Possible), primary or contributing</i>
38)	ALCDEM	<i>Alcohol-related dementia</i>
39)	ALCDEMIF	<i>Alcohol-related dementia, primary or contributing</i>
40)	DEMUN	<i>Dementia of undetermined etiology</i>
41)	DEMUNIF	<i>Dementia of undetermined etiology, primary or contributing</i>
42)	FTD	<i>Frontotemporal dementia</i>
43)	FTDIF	<i>Frontotemporal dementia, primary or contributing</i>
44)	PPAPH	<i>Primary progressive aphasia</i>
45)	PPAPHIF	<i>Primary progressive aphasia, primary or contributing</i>
46)	PNAPH	<i>Aphasia, Progressive nonfluent aphasia</i>
47)	SEMDEMAN	<i>Aphasia, Semantic dementia, anomia plus word comprehension</i>
48)	SEMDEMAG	<i>Aphasia, Semantic dementia, agnosic variant</i>
49)	PPAOTHR	<i>Aphasia, Other primary progressive aphasia</i>
50)	PSP	<i>Progressive supranuclear palsy</i>
51)	PSPIF	<i>Progressive supranuclear palsy, primary or contributing</i>
52)	CORT	<i>Corticobasal degeneration</i>
53)	CORTIF	<i>Corticobasal degeneration, primary or contributing</i>
54)	HUNT	<i>Huntington's disease</i>
55)	HUNTIF	<i>Huntington's disease, primary or contributing</i>
56)	PRION	<i>Prion disease</i>
57)	PRIONIF	<i>Prion disease, primary or contributing</i>
58)	MEDS	<i>Cognitive dysfunction from medications</i>
59)	MEDSIF	<i>Cognitive dysfunction from medications, primary or contributing</i>
60)	DYSILL	<i>Cognitive dysfunction from medical illnesses</i>
61)	DYSILLIF	<i>Cognitive dysfunction from medical illnesses, primary or contributing</i>
62)	DEP	<i>Depression</i>
63)	DEPIF	<i>Depression, primary or contributing</i>
64)	OTHPSY	<i>Other major psychiatric illness</i>
65)	OTHPSYIF	<i>Other major psychiatric illness, primary or contributing</i>
66)	DOWNS	<i>Down's syndrome</i>
67)	DOWNSIF	<i>Down's syndrome, primary or contributing</i>
68)	PARK	<i>Parkinson's disease</i>
69)	PARKIF	<i>Parkinson's disease, primary or contributing</i>
70)	STROKE	<i>Stroke</i>
71)	STROKIF	<i>Stroke, primary or contributing</i>
72)	HYCEPH	<i>Hydrocephalus</i>
73)	HYCEPHIF	<i>Hydrocephalus, primary or contributing</i>
74)	BRNINJ	<i>Traumatic brain injury</i>

75)	BRNINJIF	<i>Traumatic brain injury, primary or contributing</i>
76)	NEOP	<i>CNS neoplasm</i>
77)	NEOPIF	<i>CNS neoplasm, primary or contributing</i>
78)	COGOTH	<i>Other cognitive/neurologic condition #1</i>
79)	COGOTHIF	<i>Other cognitive/neurologic condition #1, primary or contributing</i>
80)	COGOTHX	<i>Other cognitive/neurologic condition #1, specify</i>
81)	COGOTH2	<i>Other cognitive/neurologic condition #2</i>
82)	COGOTH2F	<i>Other cognitive/neurologic condition #2, primary or contributing</i>
83)	COGOTH2X	<i>Other cognitive/neurologic condition #2, specify</i>
84)	COGOTH3	<i>Other cognitive/neurologic condition #3</i>
85)	COGOTH3F	<i>Other cognitive/neurologic condition #3, primary or contributing</i>
86)	COGOTH3X	<i>Other cognitive/neurologic condition #3, specify</i>

## Diagnosis Limited Dataset

<b>1)</b>	Variable Name	<b>JHUANONID</b>
	Short Description	Participant ID Anonymized by JHU
	Source	NA
	Question Text	NA
	Time of Collection	Baseline
	Data Type	Character
	Allowable Codes	JHU + 6 numbers
	Missing OK If	NA
	Audit Findings	NA
	Comments	None

<b>2)</b>	Variable Name	<b>VISITNO</b>
	Short Description	Diagnosis visit number
	Source	NA
	Question Text	NA
	Time of Collection	Baseline and Follow-up
	Data Type	Character
	Allowable Codes	NIH visit: 0 to 10, where a 0 visit occurred prior to the established baseline date JHU visit: 101 to 1XX, where XX is 02 to 99; 999 CONSENSUS diagnosis: YY / 999, where YY is an NIH visit, and 999 indicates a JHU consensus panel, using NIH data, diagnosed a subject who had died before having any JHU visit
	Missing OK If	NA
	Audit Findings	NA
	Comments	None

<b>3)</b>	Variable Name	<b>MOFROMBL</b>
	Short Description	Months since baseline visit
	Source	DERIVED
	Question Text	NA
	Time of Collection	Follow-up
	Data Type	Numeric
	Allowable Codes	Min = 0 Max = 999
	Missing OK If	NA
	Audit Findings	NA
	Comments	Derived variable. [JHU phase] Calculated as months between the baseline start date and the V1 VISITDATE (formerly V11_Date) for follow-up visits.  [NIH phase] Calculated as months between the baseline start date and the recorded visit date.

<b>4)</b>	Variable Name	<b>STARTYEAR</b>
	Short Description	Year of study start
	Source	DERIVED
	Question Text	NA Time
	Time of Collection	Baseline
	Data Type	Numeric
	Allowable Codes	Min = 1995 Max = 2005
	Missing OK If	NA
	Audit Findings	NA
	Comments	Derived variable: Year from the DEMO dataset variable STARTDATE

<b>5)</b>	<b>Variable Name</b>	<b>BIRTHYR</b>
	<b>Short Description</b>	Year of participant's birth
	<b>Source</b>	A1 #7B
	<b>Question Text</b>	participant's year of birth
	<b>Time of Collection</b>	Baseline
	<b>Data Type</b>	Numeric
	<b>Allowable Codes</b>	Min = 1875 Max = current year minus 15
	<b>Missing OK If</b>	NA
	<b>Audit Findings</b>	[JHU Audits]: A1 form error rate = 0.2% (based on 38 forms as of NOV2015)
	<b>Comments</b>	If value was missing or no A1 form was completed, the NIH phase value BIRTHYR from the DEMO dataset was used, if available.

<b>6)</b>	<b>Variable Name</b>	<b>DIAG</b>
	<b>Short Description</b>	Diagnosis at visit
	<b>Source</b>	D1
	<b>Question Text</b>	Derived variable.
	<b>Time of Collection</b>	Baseline and Follow-up
	<b>Data Type</b>	Character
	<b>Allowable Codes</b>	"NORMAL", "MCI", "IMPAIRED NOT MCI", "DEMENTIA"
	<b>Unknown Code</b>	"UNKNOWN"
	<b>Missing OK If</b>	D1 form not completed for JHU visit OR no corresponding diagnosis for NIH visit
	<b>Audit Findings</b>	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)  No NIH phase audits.
	<b>Comments</b>	[JHU Phase] Derived variable from D1 form. IF D1 #2=1 THEN "NORMAL" ELSE IF D1 #3=1 THEN "DEMENTIA" ELSE IF D1 #4a=1 or D1 #4b=1 or D1 #4c=1 or D1 #4d=1 THEN "MCI" ELSE IF D1 #4e=1 THEN "IMPAIRED NOT MCI"  [NIH Phase] Diagnosis from NIH dataset.



<b>7)</b>	<b>Variable Name</b>	<b>DECAGE</b>
	<b>Short Description</b>	Age of onset of clinical symptoms
	<b>Source</b>	B9 #3B
	<b>Question Text</b>	At what age did the cognitive decline begin (based upon the clinician's assessment)?
	<b>Time of Collection</b>	Baseline and Follow-up
	<b>Data Type</b>	Numeric
	<b>Allowable Codes</b>	Min = 15 Max = 110 NA = 888
	<b>Unknown Code</b>	999
	<b>Missing OK If</b>	B9 #3A, DECCLIN = 0 (No). Diagnosis = "NORMAL" Diagnosis = "IMPAIRED NOT MCI"
	<b>Audit Findings</b>	[JHU Audits]: B9 form error rate = 2% (based on 62 forms as of NOV2015)  No NIH phase audits.
	<b>Comments</b>	[NIH phase] Age of onset was the subject's age when first diagnosed with MCI or DEMENTIA. These values are superceded by the JHU phase age of onset value or the "999" consensus diagnosis age of onset value.

<b>8)</b>	<b>Variable Name</b>	<b>WHODIDDX</b>
	<b>Short Description</b>	Who did diagnosis
	<b>Source</b>	D1 #1
	<b>Question Text</b>	Responses are based on:
	<b>Time of Collection</b>	Baseline and Follow-up
	<b>Data Type</b>	Numeric
	<b>Allowable Codes</b>	1 = Diagnosis from single clinician 2 = Consensus diagnosis
	<b>Missing OK If</b>	NA
	<b>Audit Findings</b>	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	<b>Comments</b>	None

<b>9)</b>	Variable Name	<b>NORMCOG</b>
	Short Description	Normal cognition
	Source	D1 #2
	Question Text	Does the subject have normal cognition (no MCI, dementia, or other neurological condition resulting in cognitive impairment)?
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	If "Yes", clinician skips to D1 #14

<b>10)</b>	Variable Name	<b>DEMENTED</b>
	Short Description	Dementia criteria met
	Source	D1 #3
	Question Text	Does the subject meet criteria for dementia (in accordance with standard criteria for dementia of the Alzheimer's type or for other non-Alzheimer's dementing disorders)?
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	If "Yes", clinician skips to D1 #5

<b>11)</b>	Variable Name	<b>MCIAMEM</b>
	Short Description	Amnestic MCI, memory impairment only
	Source	D1 #4A
	Question Text	Amnestic MCI, memory impairment only
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>12)</b>	Variable Name	<b>MCIAPLUS</b>
	Short Description	Amnestic MCI, memory impairment plus
	Source	D1 #4B
	Question Text	Amnestic MCI, memory impairment plus one or more other domains.
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>13)</b>	Variable Name	<b>MCIAPLAN</b>
	Short Description	Amnestic MCI plus language
	Source	D1 #4B1
	Question Text	Amnestic MCI, memory impairment plus language domain
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4B = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>14)</b>	Variable Name	<b>MCIAPATT</b>
	Short Description	Amnestic MCI plus attention
	Source	D1 #4B2
	Question Text	Amnestic MCI, memory impairment plus attention domain
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4B = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>15)</b>	<b>Variable Name</b>	<b>MCIAPEX</b>
	<b>Short Description</b>	Amnestic MCI plus executive function
	<b>Source</b>	D1 #4B3
	<b>Question Text</b>	Amnestic MCI, memory impairment plus executive function domain
	<b>Time of Collection</b>	Baseline and Follow-up
	<b>Data Type</b>	Numeric
	<b>Allowable Codes</b>	0 = No 1 = Yes
	<b>Missing OK If</b>	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4B = 0 ("Absent")
	<b>Audit Findings</b>	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	<b>Comments</b>	None

<b>16)</b>	<b>Variable Name</b>	<b>MCIAPVIS</b>
	<b>Short Description</b>	Amnestic MCI plus visuospatial
	<b>Source</b>	D1 #4B4
	<b>Question Text</b>	Amnestic MCI, memory impairment plus visuospatial domain
	<b>Time of Collection</b>	Baseline and Follow-up
	<b>Data Type</b>	Numeric
	<b>Allowable Codes</b>	0 = No 1 = Yes
	<b>Missing OK If</b>	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4B = 0 ("Absent")
	<b>Audit Findings</b>	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	<b>Comments</b>	None

<b>17)</b>	Variable Name	<b>MCINON1</b>
	Short Description	Non-amnestic MCI, single domain
	Source	D1 #4C
	Question Text	Non-amnestic MCI, single domain
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>18)</b>	Variable Name	<b>MCIN1LAN</b>
	Short Description	Non-amnestic MCI, single domain, language
	Source	D1 #4C1
	Question Text	Non-amnestic MCI, single domain, language
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4C = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>19)</b>	Variable Name	<b>MCIN1ATT</b>
	Short Description	Non-amnestic MCI, single domain, attention
	Source	D1 #4C2
	Question Text	Non-amnestic MCI, single domain, attention
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4C = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>20)</b>	Variable Name	<b>MCIN1EX</b>
	Short Description	Non-amnestic MCI, single domain, executive function
	Source	D1 #4C3
	Question Text	Non-amnestic MCI, single domain, executive function
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4C = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>21)</b>	Variable Name	<b>MCIN1VIS</b>
	Short Description	Non-amnestic MCI, single domain, visuospatial
	Source	D1 #4C4
	Question Text	Non-amnestic MCI, single domain, visuospatial
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4C = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>22)</b>	Variable Name	<b>MCINON2</b>
	Short Description	Non-amnestic MCI, multiple domains
	Source	D1 #4D
	Question Text	Non-amnestic MCI, multiple domains
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None



<b>23)</b>	Variable Name	<b>MCIN2LAN</b>
	Short Description	Non-amnestic MCI, multiple domains, language
	Source	D1 #4D1
	Question Text	Non-amnestic MCI, multiple domains, language
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4D = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>24)</b>	Variable Name	<b>MCIN2ATT</b>
	Short Description	Non-amnestic MCI, multiple domains, attention
	Source	D1 #4D2
	Question Text	Non-amnestic MCI, multiple domains, attention
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4D = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>25)</b>	Variable Name	<b>MCIN2EX</b>
	Short Description	Non-amnestic MCI, multiple domains, executive function
	Source	D1 #4D3
	Question Text	Non-amnestic MCI, multiple domains, executive function
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4D = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>26)</b>	Variable Name	<b>MCIN2VIS</b>
	Short Description	Non-amnestic MCI, multiple domains, visuospatial
	Source	D1 #4D4
	Question Text	Non-amnestic MCI, multiple domains, visuospatial
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = No 1 = Yes
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes") or D1 #4D = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>27)</b>	Variable Name	<b>IMPNOHCI</b>
	Short Description	Impaired, not MCI
	Source	D1 #4E
	Question Text	Impaired, not MCI
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #3 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>28)</b>	Variable Name	<b>PROBAD</b>
	Short Description	Probable AD
	Source	D1 #5
	Question Text	Probable AD (NINCDS/ADRDA)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>29)</b>	Variable Name	<b>PROBADIF</b>
	Short Description	Probable AD, primary or contributing
	Source	D1 #5A
	Question Text	Probable AD, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #5 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>30)</b>	Variable Name	<b>POSSAD</b>
	Short Description	Possible AD
	Source	D1 #6
	Question Text	Possible AD (NINCDS/ADRDA)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>31)</b>	Variable Name	<b>POSSADIF</b>
	Short Description	Possible AD, primary or contributing
	Source	D1 #6A
	Question Text	Possible AD, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #6 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>32)</b>	Variable Name	<b>DLB</b>
	Short Description	Dementia with Lewy bodies
	Source	D1 #7
	Question Text	Dementia with Lewy bodies
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>33)</b>	Variable Name	<b>DLBIF</b>
	Short Description	Dementia with Lewy bodies, primary or contributing
	Source	D1 #7A
	Question Text	Dementia with Lewy bodies, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #7 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>34)</b>	Variable Name	<b>VASC</b>
	Short Description	Vascular dementia (NINDS/AIREN Probable)
	Source	D1 #8
	Question Text	Vascular dementia (NINDS/AIREN Probable)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>35)</b>	Variable Name	<b>VASCIF</b>
	Short Description	Vascular dementia (NINDS/AIREN Probable), primary or contributing
	Source	D1 #8A
	Question Text	Vascular dementia (NINDS/AIREN Probable), primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #8 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>36)</b>	Variable Name	<b>VASCPS</b>
	Short Description	Vascular dementia (NINDS/AIREN Possible)
	Source	D1 #9
	Question Text	Vascular dementia (NINDS/AIREN Possible)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>37)</b>	Variable Name	<b>VASCPSIF</b>
	Short Description	Vascular dementia (NINDS/AIREN Possible), primary or contributing
	Source	D1 #9A
	Question Text	Vascular dementia (NINDS/AIREN Possible), primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #9 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>38)</b>	Variable Name	<b>ALCDEM</b>
	Short Description	Alcohol-related dementia
	Source	D1 #10
	Question Text	Alcohol-related dementia
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None



<b>39)</b>	Variable Name	<b>ALCDEMIF</b>
	Short Description	Alcohol-related dementia, primary or contributing
	Source	D1 #10A
	Question Text	Alcohol-related dementia, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #10 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>40)</b>	Variable Name	<b>DEMUN</b>
	Short Description	Dementia of undetermined etiology
	Source	D1 #11
	Question Text	Dementia of undetermined etiology
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>41)</b>	Variable Name	<b>DEMUNIF</b>
	Short Description	Dementia of undetermined etiology, primary or contributing
	Source	D1 #11A
	Question Text	Dementia of undetermined etiology, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #11 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>42)</b>	Variable Name	<b>FTD</b>
	Short Description	Frontotemporal dementia
	Source	D1 #12
	Question Text	Frontotemporal dementia (behavioral/executive dementia)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>43)</b>	Variable Name	<b>FTDIF</b>
	Short Description	Frontotemporal dementia, primary or contributing
	Source	D1 #12A
	Question Text	Frontotemporal dementia, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #12 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>44)</b>	Variable Name	<b>PPAPH</b>
	Short Description	Primary progressive aphasia
	Source	D1 #13
	Question Text	Primary progressive aphasia (aphasic dementia)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>45)</b>	Variable Name	<b>PPAPHIF</b>
	Short Description	Primary progressive aphasia, primary or contributing
	Source	D1 #13A
	Question Text	Primary progressive aphasia, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #13 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>46)</b>	Variable Name	<b>PNAPH</b>
	Short Description	Aphasia, Progressive nonfluent aphasia
	Source	D1 #13A1
	Question Text	Progressive nonfluent aphasia
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #13 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>47)</b>	Variable Name	<b>SEMDEMAN</b>
	Short Description	Aphasia, Semantic dementia, anomia plus word comprehension
	Source	D1 #13A2
	Question Text	Semantic dementia, anomia plus word comprehension
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #13 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>48)</b>	Variable Name	<b>SEMDEMAG</b>
	Short Description	Aphasia, Semantic dementia, agnosic variant
	Source	D1 #13A3
	Question Text	Semantic dementia, agnosic variant
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #13 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>49)</b>	Variable Name	<b>PPAOTHR</b>
	Short Description	Aphasia, Other primary progressive aphasia
	Source	D1 #13A4
	Question Text	Other (e.g. logopenic, anomie, transcortical, word deafness, syntactic comprehension, motor speech disorder)
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	D1 #2 = 1 ("Yes") or D1 #13 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>50)</b>	Variable Name	<b>PSP</b>
	Short Description	Progressive supranuclear palsy
	Source	D1 #14
	Question Text	Progressive supranuclear palsy
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>51)</b>	Variable Name	<b>PSPIF</b>
	Short Description	Progressive supranuclear palsy, primary or contributing
	Source	D1 #14A
	Question Text	Progressive supranuclear palsy, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #14 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>52)</b>	Variable Name	<b>CORT</b>
	Short Description	Corticobasal degeneration
	Source	D1 #15
	Question Text	Corticobasal degeneration
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>53)</b>	Variable Name	<b>CORTIF</b>
	Short Description	Corticobasal degeneration, primary or contributing
	Source	D1 #15A
	Question Text	Corticobasal degeneration, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #15 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>54)</b>	Variable Name	<b>HUNT</b>
	Short Description	Huntington's disease
	Source	D1 #16
	Question Text	Huntington's disease
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None



<b>55)</b>	Variable Name	<b>HUNTIF</b>
	Short Description	Huntington's disease, primary or contributing
	Source	D1 #16A
	Question Text	Huntington's disease, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #16 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>56)</b>	Variable Name	<b>PRION</b>
	Short Description	Prion disease
	Source	D1 #17
	Question Text	Prion disease
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>57)</b>	Variable Name	<b>PRIONIF</b>
	Short Description	Prion disease, primary or contributing
	Source	D1 #17A
	Question Text	Prion disease, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #17 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>58)</b>	Variable Name	<b>MEDS</b>
	Short Description	Cognitive dysfunction from medications
	Source	D1 #18
	Question Text	Cognitive dysfunction from medications
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>59)</b>	Variable Name	<b>MEDSIF</b>
	Short Description	Cognitive dysfunction from medications, primary or contributing
	Source	D1 #18A
	Question Text	Cognitive dysfunction from medications, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #18 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>60)</b>	Variable Name	<b>DYSILL</b>
	Short Description	Cognitive dysfunction from medical illnesses
	Source	D1 #19
	Question Text	Cognitive dysfunction from medical illnesses
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>61)</b>	Variable Name	<b>DYSILLIF</b>
	Short Description	Cognitive dysfunction from medical illnesses, primary or contributing
	Source	D1 #19A
	Question Text	Cognitive dysfunction from medical illnesses, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #19 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>62)</b>	Variable Name	<b>DEP</b>
	Short Description	Depression
	Source	D1 #20
	Question Text	Depression
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>63)</b>	Variable Name	<b>DEPIF</b>
	Short Description	Depression, primary or contributing
	Source	D1 #20A
	Question Text	Depression, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #20 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>64)</b>	Variable Name	<b>OTHPSY</b>
	Short Description	Other major psychiatric illness
	Source	D1 #21
	Question Text	Other major psychiatric illness
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>65)</b>	Variable Name	<b>OTHPSYIF</b>
	Short Description	Other major psychiatric illness, primary or contributing
	Source	D1 #21A
	Question Text	Other major psychiatric illness, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #21 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>66)</b>	Variable Name	<b>DOWNES</b>
	Short Description	Down's syndrome
	Source	D1 #22
	Question Text	Down's syndrome
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>67)</b>	Variable Name	<b>DOWNSIF</b>
	Short Description	Down's syndrome, primary or contributing
	Source	D1 #22A
	Question Text	Down's syndrome, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #22 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>68)</b>	Variable Name	<b>PARK</b>
	Short Description	Parkinson's disease
	Source	D1 #23
	Question Text	Parkinson's disease
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>69)</b>	Variable Name	<b>PARKIF</b>
	Short Description	Parkinson's disease, primary or contributing
	Source	D1 #23A
	Question Text	Parkinson's disease, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #23 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>70)</b>	Variable Name	<b>STROKE</b>
	Short Description	Stroke
	Source	D1 #24
	Question Text	Stroke
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None



<b>71)</b>	Variable Name	<b>STROKIF</b>
	Short Description	Stroke, primary or contributing
	Source	D1 #24A
	Question Text	Stroke, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #24 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>72)</b>	Variable Name	<b>HYCEPH</b>
	Short Description	Hydrocephalus
	Source	D1 #25
	Question Text	Hydrocephalus
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>73)</b>	Variable Name	<b>HYCEPHIF</b>
	Short Description	Hydrocephalus, primary or contributing
	Source	D1 #25A
	Question Text	Hydrocephalus, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #25 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>74)</b>	Variable Name	<b>BRNINJ</b>
	Short Description	Traumatic brain injury
	Source	D1 #26
	Question Text	Traumatic brain injury
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>75)</b>	Variable Name	<b>BRNINJIF</b>
	Short Description	Traumatic brain injury, primary or contributing
	Source	D1 #26A
	Question Text	Traumatic brain injury, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #26 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>76)</b>	Variable Name	<b>NEOP</b>
	Short Description	CNS neoplasm
	Source	D1 #27
	Question Text	CNS neoplasm
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>77)</b>	Variable Name	<b>NEOPIF</b>
	Short Description	CNS neoplasm, primary or contributing
	Source	D1 #27A
	Question Text	CNS neoplasm, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #27 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>78)</b>	Variable Name	<b>COGOTH</b>
	Short Description	Other cognitive/neurologic condition #1
	Source	D1 #28
	Question Text	Other cognitive/neurologic condition #1
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>79)</b>	Variable Name	<b>COGOTHIF</b>
	Short Description	Other cognitive/neurologic condition #1, primary or contributing
	Source	D1 #28A
	Question Text	Other cognitive/neurologic condition #1, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #28 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>80)</b>	Variable Name	<b>COGOTHX</b>
	Short Description	Other cognitive/neurologic condition #1, specify
	Source	D1 #28B
	Question Text	Other cognitive/neurologic condition #1, specify
	Time of Collection	Baseline and Follow-up
	Data Type	Character
	Allowable Codes	
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>81)</b>	Variable Name	<b>COGOTH2</b>
	Short Description	Other cognitive/neurologic condition #2
	Source	D1 #29
	Question Text	Other cognitive/neurologic condition #2
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>82)</b>	Variable Name	<b>COGOTH2F</b>
	Short Description	Other cognitive/neurologic condition #2, primary or contributing
	Source	D1 #29A
	Question Text	Other cognitive/neurologic condition #2, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #29 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>83)</b>	Variable Name	<b>COGOTH2X</b>
	Short Description	Other cognitive/neurologic condition #2, specify
	Source	D1 #29B
	Question Text	Other cognitive/neurologic condition #2, specify
	Time of Collection	Baseline and Follow-up
	Data Type	Character
	Allowable Codes	
	Missing OK If	D1 #29 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>84)</b>	Variable Name	<b>COGOTH3</b>
	Short Description	Other cognitive/neurologic condition #3
	Source	D1 #30
	Question Text	Other cognitive/neurologic condition #3
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	0 = Absent 1 = Present
	Missing OK If	NA
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>85)</b>	Variable Name	<b>COGOTH3F</b>
	Short Description	Other cognitive/neurologic condition #3, primary or contributing
	Source	D1 #30A
	Question Text	Other cognitive/neurologic condition #3, primary or contributing
	Time of Collection	Baseline and Follow-up
	Data Type	Numeric
	Allowable Codes	1 = Primary 2 = Contributing 3 = Non-contributing
	Missing OK If	D1 #30 = 0 ("Absent") OR D1 #2 = 0
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None

<b>86)</b>	Variable Name	<b>COGOTH3X</b>
	Short Description	Other cognitive/neurologic condition #3, specify
	Source	D1 #30B
	Question Text	Other cognitive/neurologic condition #3, specify
	Time of Collection	Baseline and Follow-up
	Data Type	Character
	Allowable Codes	
	Missing OK If	D1 #30 = 0 ("Absent")
	Audit Findings	[JHU Audits]: D1 form error rate = 0.2% (based on 64 forms as of NOV2015)
	Comments	None