



NACC UNIFORM DATA SET

# Researchers Data Dictionary

**Version 3.0, March 2015**

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Revisions made to the UDS RDD since implementation (November 2015)

Date yyyy-mm-dd	Description	Form(s) affected	Data element(s) affected
2020-12-14	Various small changes to data source tables and description to account for TIP v3.0 and TFP v3.2.	All	All
2020-12-14	Variables TELCOV and TELMOD added.	T1	TELCOV, TELMOD
2020-12-14	Variables added: MOCBTOTS, NACCMOCB, MODCOMM, REY1REC, REY1INT, REY2REC, REY2INT, REY3REC, REY3INT, REY4REC, REY4INT, REY5REC, REY5INT, REY6REC, REY6INT, OTRAILA, OTRLARR, OTRLALI, OTRAILB, OTRLBRR, OTRLBLI, REYDREC, REYDINT, REYTCOR, REYFPOS, VNTTOTW, VNTPCNC, RESPVAL, RESPHEAR, RESPDIST, RESPINTR, RESPDISN, RESPFATG, RESPEMOT, RESPASST, RESPOTH, and RESPOTHX.	C2T	MOCBTOTS, NACCMOCB, MODCOMM, REY1REC, REY1INT, REY2REC, REY2INT, REY3REC, REY3INT, REY4REC, REY4INT, REY5REC, REY5INT, REY6REC, REY6INT, OTRAILA, OTRLARR, OTRLALI, OTRAILB, OTRLBRR, OTRLBLI, REYDREC, REYDINT, REYTCOR, REYFPOS, VNTTOTW, VNTPCNC, RESPVAL, RESPHEAR, RESPDIST, RESPINTR, RESPDISN, RESPFATG, RESPEMOT, RESPASST, RESPOTH, RESPOTHX
2020-12-14	Variables BPSYSL, BPSYSR, BPDIASL, BPDIASR, and BPDEVICE added.	B1a	BPSYSL, BPSYSR, BPDIASL, BPDIASR, BPDEVICE
2020-12-14	Allowable code added for 777 = Blood pressure addendum submitted	B1	BPSYS, BPDIAS
2019-08-30	Variable NACCMOCA added	C2	NACCMOCA
2019-07-30	Various small corrections	Form header, Milestones, A1, C2, CLS, Other data available	NACCREFR, APCENGL, NACCADC, UDSVERTI, COGSTAT, NACCFTD, NACCLBDM, NACCID
2019-07-30	Variable NACCADC added	Form header	NACCADC
2019-03-29	Name of CDR® Dementia Staging Instrument changed to comply with trademark	B4, Z1X	N/A
2019-03-05	In description/derivation for TBIYEAR, reference to TBIWOLOS corrected to read TBIYEAR.	A5	TBIYEAR

*Revisions, cont.*

2019-03-01	NACCDICO and NACCNIFT removed from documentation NACCMRSA and NACCNMRI added NACCAPET replaced by NACCNAPA and NACCAPSA	(Other data available at NACC)	NACCDICO, NACCNIFT, NACCMRSA, NACCNMRI, NACCAPET, NACCNAPA, NACCAPSA
2018-12-12	Description corrected to reference LBD, not AD	D1	NACCLBDP
2017-12-12	NACC derived variables integrated into body of text along with UDS variables; table of derived variables eliminated.	All	All
2017-12-12	Definition of VISITDAY, VISITMO, and VISITYR corrected to date Form A1 was completed, not submitted	Milestones	VISITDAY, VISITMO, VISITYR
2017-12-01	Form CLS variables added to new appendix	Z1X, CLS	All
2017-12-01	Form Z1X variables added to new appendix indicating a.) language of form administration and b.) whether Form CLS: Linguistic History Form was submitted	Z1X	All LANG** variables CLSSUB
2016-12-01	“Other data available at NACC” category added	Various	NACCFTD, NACCLBDM, NACCDICO, NACCNIFT, NACCAPET, NACCACSF, NACCPCS, NACCTCSF, NACCAUTP
2017-06-16	Variables ADMUT and FTLDMUT removed	A3	ADMUT, FTLDMUT
2017-06-16	Four calculated summary variables added	A3, D1	NACCFADM, NACCFFTD, NACCADMU, NACCFTDM
2017-03-17	Short descriptors corrected to remove “in the last six months”	B5	NITESEV, APPSEV
2017-03-17	Option code added for 88 = Not applicable	A1	HISPOR
2017-03-17	Data type changed from longitudinal to cross-sectional	A5	ALCOCCAS, ALCFREQ
2017-02-13	In description for PSPIF, variable name corrected from NACCMCIT to NACCTMCI.	D1	PSPIF
2016-11-09	Allowable codes changed from 10–12 to 1–12	Milestones	NACCMOD
2016-11-09	Allowable codes changed from 2005–present to 2002–present	Milestones	NACCNRYR
2016-11-09	Typo (CVOTHX) corrected in Table of Variables to CVOTHRX	A5	CVOTHRX
2016-11-09	Data source changed from Question 4d2 to 4d3	A5	TBIWOLOS
2016-11-09	Minimum age changed from 15 to 9	B9	MOAGE
2016-11-09	Allowable code of 88 added	C1	NACCMSE
2016-11-09	Allowable codes changed from 0–31 to 1–31	C1	LOGIDAY
2016-11-09	Allowable code corrected from “1=UDS Form C1 ...” to “1=UDS form C2 ...”	C2	NACCC2

*Revisions, cont.*

2016-11-09	Allowable codes changed from 0=Present and 1=Absent to 0=Absent and 1=Present	D1	FTD
2016-11-09	Added allowable code of 9=Unknown subtype	D1	FTLDSUBT
2016-11-09	Added allowable code of 8=Diagnosis of normal cognition	D1	ALCDEM
2016-11-09	Allowable code of 9 changed to 8	N/A	NACCMCII
2016-10-31	Allowable code of 88 added, "Score not calculated, missing at least one MMSE item"	C1	NACCMMSE
2016-09-02	Allowable code of 0=No/unknown changed to 0=No; code of 9=Unknown added	B9	COGOTHR
2016-09-01	Allowable code of 888 corrected to 8888	C1	LOGIYR
2016-09-01	Allowable code of -4 added	B9	DECCLIN
2016-09-01	Allowable code of -4 added	A2	INEDUC
2016-09-01	In description, reference to NACCPARK changed to NACCLBDP	D1	NACCLBDS
2016-09-01	In description, reference to NACCPARK changed to PARK	D1	NACCLBDE
2016-06-22	Description corrected for PDNORMAL=0 and PDNORMAL=1	B3	PDNORMAL
2016-03-16	References to NACCCBS corrected to NACCCCBS	A4	NACCCCBS
2016-02-23	References to NACCPPAT removed	D1	NACCPPAT
2016-02-09	Description of DRUG1 – DRUG40 revised	A4	DRUG1 – DRUG40
2016-02-09	Variable TBI added	A5	TBI
2015-12-03	Variable name NACCPPAM changed to NACCPPME	D1	NACCPPME/NACCPAM, NACCPPAG

# Introduction

The **Researcher's Data Dictionary — Uniform Data Set (RDD-UDS)** is intended to be the first and primary resource for researchers analyzing clinical and demographic data from the National Alzheimer's Coordinating Center (NACC). The RDD-UDS brings together information from the original data-collection instruments for all past and current UDS form versions.

**Please note that the RDD is different from the Data Element Dictionary (DED) that NACC provides for each packet of forms. The DED defines every variable in a given form in the order in which it appears. This one-to-one correspondence is not found in the RDD, however, because of the use of derived variables and other ways of creating consistency across all three UDS versions.**

The RDD-UDS is designed as a comprehensive description of the data elements available to researchers from all versions of the UDS Forms — Version 1.2, Version 2, and Version 3. Versions 2 and 3 correspond to the two major revisions that the NACC Uniform Data Set has undergone since its inception in 2005. The more substantial of the two revisions, Version 3, was implemented in 2015. Among its significant updates, Version 3 now incorporates the 2011 NIA-AA criteria for Alzheimer's disease, a diagnosis of vascular brain injury, a more detailed family history form, and an updated neuropsychological battery.

One result of the Version 3 revision is that several data elements collected in v1.2 and v2 of the UDS are not collected in v3, and vice-versa. We have accommodated these differences as follows:

- A code of -4 is used to bring attention to data not collected due to differences in form versions: “*-4 = Not applicable: UDS form submitted did not collect data this way, or a skip pattern precludes response to this question.*” In this document, these structurally missing data will be indicated as “Not applic” (Not applicable) in the tables that accompany each variable.
- Similarly, v1.2 of the UDS did not include a Telephone Follow-up Packet, and so for v1.2, the “TF” cell in the tables is set to gray. v1.2 and v2 of the UDS did not include a Telephone Initial Packet, so the “TI” cell in the tables is set to gray for v1.2 and v2.
- A number of original data elements have blank values dictated by skip patterns. These blanks have been reset to the appropriate codes (e.g., not present or not applicable).
- To provide consistent coding across all versions of the UDS, derived variables were created from the original source variables. In analysis files, these derived variables often replace the original UDS variable. Derived variables are named with the prefix “NACC,” while original UDS variables do not have a specific prefix.

**IMPORTANT NOTE:** When selecting variables for data analysis, be sure to review all data elements in the section of interest. Some variables differing across forms could not be combined into a single derived variable. For example, v1.2 and v2 use one way of recording the method used to arrive at a clinical diagnosis, and v3 uses another. In a case like this, both original source variables are provided. Thus, the investigator will need to decide how to analyze these data keeping in mind the inconsistency.

# UDS and NACC derived variables

## Reference table

## Table of variables

Form	Variable name	Short descriptor	Variable type	Source
Form header	<b>NACCID</b>	Subject ID number	NACC derived variable	v1-3
Form header	<b>NACCADC</b>	ADC at which subject was seen	NACC derived variable	v1-3
Form header	<b>PACKET</b>	Packet code	Original UDS question	v1-3
Form header	<b>FORMVER</b>	Form version number	Original UDS question	v1-3
Form header	<b>VISITMO</b>	Form date — month	Original UDS question	v1-3
Form header	<b>VISITDAY</b>	Form date — day	Original UDS question	v1-3
Form header	<b>VISITYR</b>	Form date — year	Original UDS question	v1-3
Form header	<b>NACCVNUM</b>	UDS visit number (order)	NACC derived variable	v1-3
Form header	<b>NACCAVST</b>	Total number of all UDS visits made	NACC derived variable	v1-3
Form header	<b>NACCNVST</b>	Total number of in-person UDS visits made	NACC derived variable	v1-3
Form header	<b>NACCDAYS</b>	Days from initial visit to most recent visit	NACC derived variable	v1-3
Form header	<b>NACCFDYS</b>	Days from initial visit to each follow-up visit	NACC derived variable	v1-3
Milestones	<b>NACCDIED</b>	Subject is known to be deceased	NACC derived variable	v1-3
Milestones	<b>NACCMOD</b>	Month of death	NACC derived variable	v1-3
Milestones	<b>NACCYOD</b>	Year of death	NACC derived variable	v1-3
Milestones	<b>NACCACTV</b>	Follow-up status at the Alzheimer's Disease Center (ADC)	NACC derived variable	v1-3
Milestones	<b>NACCNOVS</b>	No longer followed annually in person or by telephone	NACC derived variable	v1-3
Milestones	<b>NACCDSMO</b>	Month of discontinuation from annual follow-up	NACC derived variable	v1-3
Milestones	<b>NACCDSDY</b>	Day of discontinuation from annual follow-up	NACC derived variable	v1-3
Milestones	<b>NACCDSYR</b>	Year of discontinuation from annual follow-up	NACC derived variable	v1-3
Milestones	<b>NACCNURP</b>	Permanently moved to a nursing home	NACC derived variable	v1-3
Milestones	<b>NACCNRMO</b>	Month permanently moved to nursing home	NACC derived variable	v1-3
Milestones	<b>NACCNRDY</b>	Day permanently moved to nursing home	NACC derived variable	v1-3

Form		Variable name	Short descriptor	Variable type	Source
	Milestones	<b>NACCNRYR</b>	Year permanently moved to nursing home	NACC derived variable	v1-3
	Milestones	<b>NACCMDSS</b>	Subject's status in the Minimal Data Set (MDS) and Uniform Data Set (UDS)	NACC derived variable	v1-3
	Milestones	<b>NACCPAFF</b>	Previously affiliated subject	NACC derived variable	v1-3
T1	Inclusion Form	<b>TELCOV</b>	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? COVID pandemic precludes traditional in-person UDS visit.	Original UDS question	v3
T1	Inclusion Form	<b>TELMOD</b>	What modality of communication was used to collect this remote UDS packet?	Original UDS question	v3
A1	<b>Subject Demographics</b>	<b>NACCREAS</b>	Primary reason for coming to ADC	NACC derived variable	v1-3
A1	Subject Demographics	<b>NACCREFR</b>	Principal referral source	NACC derived variable	v1-3
A1	Subject Demographics	<b>BIRTHMO</b>	Subject's month of birth	Original UDS question	v1-3
A1	Subject Demographics	<b>BIRTHYR</b>	Subject's year of birth	Original UDS question	v1-3
A1	Subject Demographics	<b>SEX</b>	Subject's sex	Original UDS question	v1-3
A1	Subject Demographics	<b>HISPANIC</b>	Hispanic/Latino ethnicity	Original UDS question	v1-3
A1	Subject Demographics	<b>HISPOR</b>	Hispanic origins	Original UDS question	v1-3
A1	Subject Demographics	<b>HISPORX</b>	Hispanic origins, other — specify	Original UDS question	v1-3
A1	Subject Demographics	<b>RACE</b>	Race	Original UDS question	v1-3
A1	Subject Demographics	<b>RACEX</b>	Race, other — specify	Original UDS question	v1-3
A1	Subject Demographics	<b>RACESEC</b>	Second race	Original UDS question	v1-3
A1	Subject Demographics	<b>RACESECX</b>	Second race, other — specify	Original UDS question	v1-3
A1	Subject Demographics	<b>RACETER</b>	Third race	Original UDS question	v1-3
A1	Subject Demographics	<b>RACETERX</b>	Third race, other — specify	Original UDS question	v1-3
A1	Subject Demographics	<b>PRIMLANG</b>	Primary language	Original UDS question	v1-3
A1	Subject Demographics	<b>PRIMLANX</b>	Primary language, other- specify	Original UDS question	v1-3
A1	Subject Demographics	<b>EDUC</b>	Years of education	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
A1	Subject Demographics	<b>MARISTAT</b>	Marital status	Original UDS question	v1-3
A1	Subject Demographics	<b>NACCLIVS</b>	Living situation	NACC derived variable	v1-3
A1	Subject Demographics	<b>INDEPEND</b>	Level of independence	Original UDS question	v1-3
A1	Subject Demographics	<b>RESIDENC</b>	Type of residence	Original UDS question	v1-3
A1	Subject Demographics	<b>HANDED</b>	Is the subject left- or right-handed?	Original UDS question	v1-3
A1	Subject Demographics	<b>NACCAGE</b>	Subject's age at visit	NACC derived variable	v1-3
A1	Subject Demographics	<b>NACCAGEB</b>	Subject's age at initial visit	NACC derived variable	v1-3
A1	Subject Demographics	<b>NACCNIHR</b>	Derived NIH race definitions	NACC derived variable	v1-3
A2	<b>Co-participant Demographics</b>	<b>INBIRMO</b>	Co-participant's month of birth	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INBIRYR</b>	Co-participant's year of birth	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INSEX</b>	Co-participant's sex	Original UDS question	v1-3
A2	Co-participant Demographics	<b>NEWINF</b>	Is this a new co-participant — i.e., one who was not a co-participant at any past UDS visit?	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INHISP</b>	Co-participant Hispanic/Latino ethnicity	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INHISPOR</b>	Co-participant's Hispanic origins	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INHISPOX</b>	Co-participant of Hispanic origins, other (specify)	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRACE</b>	Co-participant race	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRACEX</b>	Co-participant race, other (specify)	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRASEC</b>	Co-participant second race	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRASECX</b>	Co-participant second race, other (specify)	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRATER</b>	Co-participant third race	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRATERX</b>	Co-participant third race, other (specify)	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INEDUC</b>	Co-participant's years of education	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRELTO</b>	Co-participant's relationship to subject	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRELTOX</b>	Co-participant relationship, other (specify)	Original UDS question	v1-2

Form		Variable name	Short descriptor	Variable type	Source
A2	Co-participant Demographics	<b>INUNKNOWN</b>	How long has the co-participant known the subject?	Original UDS question	v3
A2	Co-participant Demographics	<b>INLIVWTH</b>	Does the co-participant live with the subject?	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INVISITS</b>	If no, approximate frequency of in-person visits?	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INCALLS</b>	If no, approximate frequency of telephone contact?	Original UDS question	v1-3
A2	Co-participant Demographics	<b>INRELY</b>	Is there a question about the co-participant's reliability?	Original UDS question	v1-3
A2	Co-participant Demographics	<b>NACCNINR</b>	Derived NIH race definitions	NACC derived variable	v1-3
A3	<b>Subject Family History</b>	<b>NACCFAM</b>	Indicator of first-degree family member with cognitive impairment	NACC derived variable	v1-3
A3	Subject Family History	<b>NACCMOM</b>	Indicator of mother with cognitive impairment	NACC derived variable	v1-3
A3	Subject Family History	<b>NACCDAD</b>	Indicator of father with cognitive impairment	NACC derived variable	v1-3
A3	Subject Family History	<b>NACCFADM</b>	In this family, is there evidence of a dominantly inherited AD mutation?	NACC derived variable	v3
A3	Subject Family History	<b>NACCAM</b>	In this family, is there evidence for an AD mutation (from list of specific mutations)?	NACC derived variable	v3
A3	Subject Family History	<b>NACCAMX</b>	If yes, Other (specify)	NACC derived variable	v3
A3	Subject Family History	<b>NACCAMS</b>	Source of evidence for AD mutation	NACC derived variable	v3
A3	Subject Family History	<b>NACCAMSX</b>	If other, specify	NACC derived variable	v3
A3	Subject Family History	<b>NACCFTD</b>	In this family, is there evidence for an FTLD mutation?	NACC derived variable	v3
A3	Subject Family History	<b>NACCFM</b>	In this family, is there evidence for an FTLD mutation (from list of specific mutations)?	NACC derived variable	v3
A3	Subject Family History	<b>NACCFMX</b>	If yes, Other (specify)	NACC derived variable	v3
A3	Subject Family History	<b>NACCFMS</b>	Source of evidence for FTLD mutation	NACC derived variable	v3
A3	Subject Family History	<b>NACCFMSX</b>	If other, specify	NACC derived variable	v3
A3	Subject Family History	<b>NACCOM</b>	In this family, is there evidence for a mutation other than an AD or FTLD mutation?	NACC derived variable	v3
A3	Subject Family History	<b>NACCOMX</b>	Specified other mutation	NACC derived variable	v3
A3	Subject Family History	<b>NACCOMS</b>	Source of evidence for other mutation	NACC derived variable	v3
A3	Subject Family History	<b>NACCOMSX</b>	If other, specify	NACC derived variable	v3

Form		Variable name	Short descriptor	Variable type	Source
A4	Subject Medications	<b>ANYMEDS</b>	Subject taking any medications	Original UDS question	v1-3
A4	Subject Medications	<b>DRUG1-DRUG40</b>	Name of medications used within two weeks of UDS visit	Original UDS question	v1-3
A4	Subject Medications	<b>NACCAMD</b>	Total number of medications reported at each visit	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCAHTN</b>	Reported current use of any type of antihypertensive or blood pressure medication	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCHTNC</b>	Reported current use of an antihypertensive combination therapy	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCACEI</b>	Reported current use of an angiotensin converting enzyme (ACE) inhibitor	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCAAAS</b>	Reported current use of an antiadrenergic agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCBETA</b>	Reported current use of a beta-adrenergic blocking agent (Beta-Blocker)	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCCCBS</b>	Reported current use of a calcium channel blocking agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCDIUR</b>	Reported current use of a diuretic	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCVASD</b>	Reported current use of a vasodilator	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCANGI</b>	Reported current use of an angiotensin II inhibitor	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCLIPL</b>	Reported current use of lipid lowering medication	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCNSD</b>	Reported current use of nonsteroidal anti-inflammatory medication	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCAC</b>	Reported current use of an anticoagulant or antiplatelet agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCADEP</b>	Reported current use of an antidepressant	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCAPSY</b>	Reported current use of an antipsychotic agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCAANX</b>	Reported current use of an anxiolytic, sedative, or hypnotic agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCADMD</b>	Reported current use of a FDA-approved medication for Alzheimer's disease symptoms	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCPDMD</b>	Reported current use of an antiparkinson agent	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCEMD</b>	Reported current use of estrogen hormone therapy	NACC derived variable	v1-3
A4	Subject Medications	<b>NACCEPMD</b>	Reported current use of estrogen + progestin hormone therapy	NACC derived variable	v1-3

Form		Variable name	Short descriptor	Variable type	Source
A4	Subject Medications	<b>NACCDBMD</b>	Reported current use of a diabetes medication	NACC derived variable	v1-3
A5	<b>Subject Health History</b>	<b>TOBAC30</b>	Smoked cigarettes in last 30 days	Original UDS question	v1-3
A5	Subject Health History	<b>TOBAC100</b>	Smoked more than 100 cigarettes in life	Original UDS question	v1-3
A5	Subject Health History	<b>SMOKYRS</b>	Total years smoked cigarettes	Original UDS question	v1-3
A5	Subject Health History	<b>PACKSPER</b>	Average number of packs smoked per day	Original UDS question	v1-3
A5	Subject Health History	<b>QUITSMOK</b>	If the subject quit smoking, age at which he/she last smoked (i.e., quit)	Original UDS question	v1-3
A5	Subject Health History	<b>ALCOCCAS</b>	In the past three months, has the subject consumed any alcohol?	Original UDS question	v3
A5	Subject Health History	<b>ALCFREQ</b>	During the past three months, how often did the subject have at least one drink of any alcoholic beverage such as wine, beer, malt liquor, or spirits?	Original UDS question	v3
A5	Subject Health History	<b>CVHATT</b>	Heart attack/cardiac arrest	Original UDS question	v1-3
A5	Subject Health History	<b>HATTMULT</b>	More than one heart attack/cardiac arrest?	Original UDS question	v3
A5	Subject Health History	<b>HATTYEAR</b>	Year of most recent heart attack	Original UDS question	v3
A5	Subject Health History	<b>CVAFIB</b>	Atrial fibrillation	Original UDS question	v1-3
A5	Subject Health History	<b>CVANGIO</b>	Angioplasty/endarterectomy/stent	Original UDS question	v1-3
A5	Subject Health History	<b>CVBYPASS</b>	Cardiac bypass procedure	Original UDS question	v1-3
A5	Subject Health History	<b>CVPACDEF</b>	Pacemaker and/or defibrillator	Original UDS question	v3
A5	Subject Health History	<b>CVPACE</b>	Pacemaker	Original UDS question	v1-2
A5	Subject Health History	<b>CVCHF</b>	Congestive heart failure	Original UDS question	v1-3
A5	Subject Health History	<b>CVANGINA</b>	Angina	Original UDS question	v3
A5	Subject Health History	<b>CVHVALVE</b>	Heart valve replacement or repair	Original UDS question	v3
A5	Subject Health History	<b>CVOTHR</b>	Other cardiovascular disease	Original UDS question	v1-3
A5	Subject Health History	<b>CVOTHRX</b>	Specification for other cardiovascular disease	Original UDS question	v3
A5	Subject Health History	<b>CBSTROKE</b>	Stroke	Original UDS question	v1-3
A5	Subject Health History	<b>STROKMU1</b>	More than one stroke reported as of the Initial Visit	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
A5	Subject Health History	<b>NACCSTYR</b>	Most recently reported year of stroke as of the Initial Visit	NACC derived variable	v1-3
A5	Subject Health History	<b>CBTIA</b>	Transient ischemic attack (TIA)	Original UDS question	v1-3
A5	Subject Health History	<b>TIAMULT</b>	More than one TIA reported as of the Initial Visit	Original UDS question	v3
A5	Subject Health History	<b>NACCTIYR</b>	Most recently reported year of TIA as of the Initial Visit	NACC derived variable	v1-3
A5	Subject Health History	<b>PD</b>	Parkinson's disease (PD)	Original UDS question	v1-3
A5	Subject Health History	<b>PDYR</b>	Year of PD diagnosis	Original UDS question	v1-3
A5	Subject Health History	<b>PDOTHR</b>	Other parkinsonian disorder	Original UDS question	v1-3
A5	Subject Health History	<b>PDOOTHR</b>	Year of parkinsonian disorder diagnosis	Original UDS question	v1-3
A5	Subject Health History	<b>SEIZURES</b>	Seizures	Original UDS question	v1-3
A5	Subject Health History	<b>TBI</b>	Traumatic brain injury (TBI)	Original UDS question	v3
A5	Subject Health History	<b>TBIBRIEF</b>	Traumatic brain injury (TBI) with brief loss of consciousness	Original UDS question	v3
A5	Subject Health History	<b>TRAUMBRF</b>	Brain trauma — brief unconsciousness	Original UDS question	v1-2
A5	Subject Health History	<b>TBIEXTEN</b>	TBI with extended loss of consciousness — 5 minutes or longer	Original UDS question	v3
A5	Subject Health History	<b>TRAUMEXT</b>	Brain trauma — extended unconsciousness	Original UDS question	v1-2
A5	Subject Health History	<b>TBIWOLOS</b>	TBI without loss of consciousness — as might result from military detonations or sports injury	Original UDS question	v3
A5	Subject Health History	<b>TRAUMCHR</b>	Brain trauma — chronic deficit	Original UDS question	v1-2
A5	Subject Health History	<b>TBIYEAR</b>	Year of most recent TBI	Original UDS question	v3
A5	Subject Health History	<b>NCOTHR</b>	Other neurological condition	Original UDS question	v1-2
A5	Subject Health History	<b>NCOTHRX</b>	Other neurological condition (specify)	Original UDS question	v1-2
A5	Subject Health History	<b>DIABETES</b>	Diabetes	Original UDS question	v1-3
A5	Subject Health History	<b>DIABTYPE</b>	If Recent/active or Remote/inactive diabetes, which type?	Original UDS question	v3
A5	Subject Health History	<b>HYPERTEN</b>	Hypertension	Original UDS question	v1-3
A5	Subject Health History	<b>HYPERCHO</b>	Hypercholesterolemia	Original UDS question	v1-3
A5	Subject Health History	<b>B12DEF</b>	Vitamin B12 deficiency	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
A5	Subject Health History	<b>THYROID</b>	Thyroid disease	Original UDS question	v1-3
A5	Subject Health History	<b>ARTHIT</b>	Arthritis	Original UDS question	v3
A5	Subject Health History	<b>ARTHTYPE</b>	Type of arthritis	Original UDS question	v3
A5	Subject Health History	<b>ARTHYPX</b>	Other arthritis (specify)	Original UDS question	v3
A5	Subject Health History	<b>ARTHUPEX</b>	Arthritis, region affected — upper extremity	Original UDS question	v3
A5	Subject Health History	<b>ARTHLOEX</b>	Arthritis, region affected — lower extremity	Original UDS question	v3
A5	Subject Health History	<b>ARTHSPIN</b>	Arthritis, region affected — spine	Original UDS question	v3
A5	Subject Health History	<b>ARTHUNK</b>	Region affected — unknown	Original UDS question	v3
A5	Subject Health History	<b>INCONTU</b>	Incontinence — urinary	Original UDS question	v1-3
A5	Subject Health History	<b>INCONTF</b>	Incontinence — bowel	Original UDS question	v1-3
A5	Subject Health History	<b>APNEA</b>	Sleep apnea history reported at Initial Visit	Original UDS question	v3
A5	Subject Health History	<b>RBD</b>	REM sleep behavior disorder (RBD) history reported at Initial Visit	Original UDS question	v3
A5	Subject Health History	<b>INSOMN</b>	Hyposomnia/insomnia history reported at Initial Visit	Original UDS question	v3
A5	Subject Health History	<b>OTHSLEEP</b>	Other sleep disorder history reported at Initial Visit	Original UDS question	v3
A5	Subject Health History	<b>OTHSLEEX</b>	Other sleep disorder (specify)	Original UDS question	v3
A5	Subject Health History	<b>ALCOHOL</b>	Alcohol abuse — clinically significant occurring over a 12-month period manifested in one of the following areas: work, driving, legal, or social	Original UDS question	v1-3
A5	Subject Health History	<b>ABUSOTHR</b>	Other abused substances — clinically significant impairment occurring over a 12-month period manifested in one of the following areas: work, driving, legal, or social	Original UDS question	v1-3
A5	Subject Health History	<b>ABUSX</b>	If reported other abused substances, specify abused substance(s)	Original UDS question	v1-3
A5	Subject Health History	<b>PTSD</b>	Post-traumatic stress disorder (PTSD)	Original UDS question	v3
A5	Subject Health History	<b>BIPOLAR</b>	Bipolar disorder	Original UDS question	v3
A5	Subject Health History	<b>SCHIZ</b>	Schizophrenia	Original UDS question	v3
A5	Subject Health History	<b>DEP2YRS</b>	Active depression in the last two years	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
A5	Subject Health History	<b>DEPOTHR</b>	Depression episodes more than two years ago	Original UDS question	v1-3
A5	Subject Health History	<b>ANXIETY</b>	Anxiety	Original UDS question	v3
A5	Subject Health History	<b>OCD</b>	Obsessive-compulsive disorder (OCD)	Original UDS question	v3
A5	Subject Health History	<b>NPSYDEV</b>	Developmental neuropsychiatric disorders (e.g., autism spectrum disorder [ASD], attention-deficit hyperactivity disorder [ADHD], dyslexia)	Original UDS question	v3
A5	Subject Health History	<b>PSYCDIS</b>	Other psychiatric disorder	Original UDS question	v1-3
A5	Subject Health History	<b>PSYCDISX</b>	If recent/active or remote/inactive psychiatric disorder, specify disorder	Original UDS question	v1-3
A5	Subject Health History	<b>NACCTBI</b>	History of traumatic brain injury (TBI)	NACC derived variable	v1-3
B1	<b>Physical</b>	<b>HEIGHT</b>	Subject's height (inches)	Original UDS question	v1-3
B1	Physical	<b>WEIGHT</b>	Subject's weight (lbs)	Original UDS question	v1-3
B1	Physical	<b>NACCBMI</b>	Body mass index (BMI)	NACC derived variable	v1-3
B1	Physical	<b>BPSYS</b>	Subject blood pressure (sitting), systolic	Original UDS question	v1-3
B1	Physical	<b>BPDIAS</b>	Subject blood pressure (sitting), diastolic	Original UDS question	v1-3
B1	Physical	<b>HRATE</b>	Subject resting heart rate (pulse)	Original UDS question	v1-3
B1	Physical	<b>VISION</b>	Without corrective lenses, is the subject's vision functionally normal?	Original UDS question	v1-3
B1	Physical	<b>VISCORR</b>	Does the subject usually wear corrective lenses?	Original UDS question	v1-3
B1	Physical	<b>VISWCORR</b>	If the subject usually wears corrective lenses, is the subject's vision functionally normal with corrective lenses?	Original UDS question	v1-3
B1	Physical	<b>HEARING</b>	Without a hearing aid(s), is the subject's hearing functionally normal?	Original UDS question	v1-3
B1	Physical	<b>HEARAID</b>	Does the subject usually wear a hearing aid(s)?	Original UDS question	v1-3
B1	Physical	<b>HEARWAID</b>	If the subject usually wears a hearing aid(s), is the subject's hearing functionally normal with a hearing aid(s)?	Original UDS question	v1-3
B1a	<b>Blood Pressure Addendum</b>	<b>BPSYSL</b>	Participant systolic blood pressure, left arm	Original UDS question	v3
B1a	Blood Pressure Addendum	<b>BPDIASL</b>	Participant diastolic blood pressure, left arm	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
B1a	Blood Pressure Addendum	<b>BPSYSR</b>	Participant systolic blood pressure, right arm	Original UDS question	v3
B1a	Blood Pressure Addendum	<b>BPDIASR</b>	Participant diastolic blood pressure, right arm	Original UDS question	v3
B1a	Blood Pressure Addendum	<b>BPDEVICE</b>	Taken using an approved device or cuff?	Original UDS question	v3
B2	<b>HIS and CVD</b>	<b>ABRUPT</b>	Abrupt onset (re: cognitive status)	Original UDS question	v1-2
B2	HIS and CVD	<b>STEPWISE</b>	Stepwise deterioration (re: cognitive status)	Original UDS question	v1-2
B2	HIS and CVD	<b>SOMATIC</b>	Somatic complaints	Original UDS question	v1-2
B2	HIS and CVD	<b>EMOT</b>	Emotional incontinence	Original UDS question	v1-2
B2	HIS and CVD	<b>HXHYPER</b>	History or presence of hypertension	Original UDS question	v1-2
B2	HIS and CVD	<b>HXSTROKE</b>	History of stroke	Original UDS question	v1-2
B2	HIS and CVD	<b>FOCLSYM</b>	Focal neurological symptoms	Original UDS question	v1-2
B2	HIS and CVD	<b>FOCLSIGN</b>	Focal neurological signs	Original UDS question	v1-2
B2	HIS and CVD	<b>HACHIN</b>	Hachinski ischemic score	Original UDS question	v1-2
B2	HIS and CVD	<b>CVDCOG</b>	Cerebrovascular disease contributing to cognitive impairment	Original UDS question	v2
B2	HIS and CVD	<b>STROKCOG</b>	Relationship between stroke and cognitive impairment	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAG</b>	Imaging evidence	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAG1</b>	Single strategic infarct	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAG2</b>	Multiple infarcts	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAG3</b>	Extensive white matter hyperintensity	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAG4</b>	Other imaging evidence	Original UDS question	v2
B2	HIS and CVD	<b>CVDIMAGX</b>	Other imaging evidence — specify	Original UDS question	v2
B3	<b>Unified Parkinson's Disease Rating Scale (UPDRS)</b>	<b>PDNORMAL</b>	UPDRS normal	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>SPEECH</b>	Speech	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>SPEECHX</b>	Speech; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>FACEXP</b>	Facial expression	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>FACEEXPX</b>	Facial expression; untestable — specify reason	Original UDS question	v2

Form		Variable name	Short descriptor	Variable type	Source
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTFAC</b>	Tremor at rest — face, lips, chin	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTFAX</b>	Tremor at rest — face, lips, chin; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTRHD</b>	Tremor at rest — right hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTRHX</b>	Tremor at rest — right hand; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTLHD</b>	Tremor at rest — left hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTLHX</b>	Tremor at rest — left hand; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTRFT</b>	Tremor at rest — right foot	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTRFX</b>	Tremor at rest — right foot; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTLFT</b>	Tremor at rest — left foot	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRESTLFX</b>	Tremor at rest — left foot; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRACTRHD</b>	Action or postural tremor — right hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRACTRHX</b>	Action or postural tremor — right hand; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRACTLHD</b>	Action or postural tremor — left hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TRACTLHX</b>	Action or postural tremor — left hand; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDNECK</b>	Rigidity — neck	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDNEX</b>	Rigidity — neck; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDUPRT</b>	Rigidity — right upper extremity	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDUPRX</b>	Rigidity — right upper extremity; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDUPLF</b>	Rigidity — left upper extremity	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDUPLX</b>	Rigidity — left upper extremity; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDLORT</b>	Rigidity — right lower extremity	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDLORX</b>	Rigidity — right lower extremity; untestable — specify reason	Original UDS question	v2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDLOLF</b>	Rigidity — left lower extremity	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>RIGDLOLX</b>	Rigidity — left lower extremity; untestable — specify reason	Original UDS question	v2

Form		Variable name	Short descriptor	Variable type	Source
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TAPSRT</b>	Finger taps — right hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TAPSRTX</b>	Finger taps — right hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TAPSLF</b>	Finger taps — left hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>TAPSLFX</b>	Finger taps — left hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDMOVR</b>	Hand movements — right hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDMVRX</b>	Hand movements — right hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDMOVL</b>	Hand movements — left hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDMVLEX</b>	Hand movements — left hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDALTR</b>	Alternating movement — right hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDATRX</b>	Alternating movement — right hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDALTL</b>	Alternating movement — left hand	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>HANDATLX</b>	Alternating movement — left hand; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>LEGRT</b>	Leg agility — right leg	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>LEGRTX</b>	Leg agility — right leg; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>LEGLF</b>	Leg agility — left leg	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>LEGLFX</b>	Leg agility — left leg; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>ARISING</b>	Arising from chair	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>ARISINGX</b>	Arising from chair; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>POSTURE</b>	Posture	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>POSTUREX</b>	Posture; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>GAIT</b>	Gait	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>GAITX</b>	Gait; untestable — specify reason	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>POSSTAB</b>	Posture stability	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>POSSTABX</b>	Posture stability; untestable — specify reason	Original UDS question	v1-2

Form		Variable name	Short descriptor	Variable type	Source
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>BRADYKIN</b>	Body bradykinesia and hypokinesia	Original UDS question	v1-2
B3	Unified Parkinson's Disease Rating Scale (UPDRS)	<b>BRADYKIX</b>	Body bradykinesia and hypokinesia; untestable — specify reason	Original UDS question	v2
B4	<b>CDR® Plus NACC FTLD</b>	<b>MEMORY</b>	Memory	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>ORIENT</b>	Orientation	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>JUDGMENT</b>	Judgment and problem-solving	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>COMMUN</b>	Community affairs	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>HOMEHOBB</b>	Home and hobbies	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>PERSCARE</b>	Personal care	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>CDRSUM</b>	CDR® sum of boxes	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>CDRGLOB</b>	Global CDR®	Original UDS question	v1-3
B4	CDR® Plus NACC FTLD	<b>COMPORT</b>	Behavior, comportment, and personality	Original UDS question	v2-3
B4	CDR® Plus NACC FTLD	<b>CDRLANG</b>	Language	Original UDS question	v2-3
B5	<b>Neuropsychiatric Inventory Questionnaire (NPI-Q)</b>	<b>NPIQINF</b>	NPI-Q co-participant	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>NPIQINFX</b>	NPI-Q co-participant, other — specify	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DEL</b>	Delusions in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DELSEV</b>	Delusions severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>HALL</b>	Hallucinations in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>HALLSEV</b>	Hallucinations severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>AGIT</b>	Agitation or aggression in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>AGITSEV</b>	Agitation or aggression severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DEPD</b>	Depression or dysphoria in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DEPDSEV</b>	Depression or dysphoria severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>ANX</b>	Anxiety in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>ANXSEV</b>	Anxiety severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>ELAT</b>	Elation or euphoria in the last month	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>ELATSEV</b>	Elation or euphoria severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>APA</b>	Apathy or indifference in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>APASEV</b>	Apathy or indifference severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DISN</b>	Disinhibition in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>DISNSEV</b>	Disinhibition severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>IRR</b>	Irritability or lability in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>IRRSEV</b>	Irritability or lability severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>MOT</b>	Motor disturbance in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>MOTSEV</b>	Motor disturbance severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>NITE</b>	Nighttime behaviors in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>NITESEV</b>	Nighttime behaviors severity	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>APP</b>	Appetite and eating problems in the last month	Original UDS question	v1-3
B5	Neuropsychiatric Inventory Questionnaire (NPI-Q)	<b>APPSEV</b>	Appetite and eating severity	Original UDS question	v1-3
B6	<b>Geriatric Depression Scale (GDS)</b>	<b>NOGDS</b>	Is the subject able to complete the GDS, based on the clinician's best judgment?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>SATIS</b>	Are you basically satisfied with your life?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>DROPACT</b>	Have you dropped many of your activities and interests?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>EMPTY</b>	Do you feel that your life is empty?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>BORED</b>	Do you often get bored?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>SPIRITS</b>	Are you in good spirits most of the time?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>AFRAID</b>	Are you afraid that something bad is going to happen to you?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>HAPPY</b>	Do you feel happy most of the time?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>HELPLESS</b>	Do you often feel helpless?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>STAYHOME</b>	Do you prefer to stay at home, rather than going out and doing new things?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>MEMPROB</b>	Do you feel you have more problems with memory than most?	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
B6	Geriatric Depression Scale (GDS)	<b>WONDRFUL</b>	Do you think it is wonderful to be alive now?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>WRTHLESS</b>	Do you feel pretty worthless the way you are now?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>ENERGY</b>	Do you feel full of energy?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>HOPELESS</b>	Do you feel that your situation is hopeless?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>BETTER</b>	Do you think that most people are better off than you are?	Original UDS question	v1-3
B6	Geriatric Depression Scale (GDS)	<b>NACCGDS</b>	Total GDS Score	NACC derived variable	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>BILLS</b>	In the past four weeks, did the subject have any difficulty or need help with: Writing checks, paying bills, or balancing a checkbook	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>TAXES</b>	In the past four weeks, did the subject have any difficulty or need help with: Assembling tax records, business affairs, or other paper	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>SHOPPING</b>	In the past four weeks, did the subject have any difficulty or need help with: Shopping alone for clothes, household necessities, or groceries	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>GAMES</b>	In the past four weeks, did the subject have any difficulty or need help with: Playing a game of skill such as bridge or chess, working on a hobby	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>STOVE</b>	In the past four weeks, did the subject have any difficulty or need help with: Heating water, making a cup of coffee, turning off the stove	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>MEALPREP</b>	In the past four weeks, did the subject have any difficulty or need help with: Preparing a balanced meal	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>EVENTS</b>	In the past four weeks, did the subject have any difficulty or need help with: Keeping track of current events	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>PAYATTN</b>	In the past four weeks, did the subject have any difficulty or need help with: Paying attention to and understanding a TV program, book, or magazine	Original UDS question	v1-3
B7	Functional Activities Questionnaire (FAQ)	<b>REMDATES</b>	In the past four weeks, did the subject have any difficulty or need help with: Remembering appointments, family occasions, holidays, medications	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
B7	Functional Activities Questionnaire (FAQ)	<b>TRAVEL</b>	In the past four weeks, did the subject have any difficulty or need help with: Traveling out of the neighborhood, driving, or arranging to take public transportation	Original UDS question	v1-3
B8	<b>Physical/Neurological Exam Findings</b>	<b>NACCNREX</b>	Were all findings unremarkable?	NACC derived variable	v1-3
B8	Physical/Neurological Exam Findings	<b>NORMEXAM</b>	Were there abnormal neurological exam findings?	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>FOCLDEF</b>	Are focal deficits present indicative of central nervous system disorder?	Original UDS question	v1-2
B8	Physical/Neurological Exam Findings	<b>GAITDIS</b>	Is gait disorder present indicative of central nervous system disorder?	Original UDS question	v1-2
B8	Physical/Neurological Exam Findings	<b>EYEMOVE</b>	Are there eye movement abnormalities present indicative of central nervous system disorder?	Original UDS question	v1-2
B8	Physical/Neurological Exam Findings	<b>PARKSIGN</b>	Parkinsonian signs	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>RESTTRL</b>	Resting tremor — left arm	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>RESTTRR</b>	Resting tremor — right arm	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>SLOWINGL</b>	Slowing of fine motor movements — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>SLOWINGR</b>	Slowing of fine motor movements — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>RIGIDL</b>	Rigidity — left arm	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>RIGIDR</b>	Rigidity — right arm	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>BRADY</b>	Bradykinesia	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>PARKGAIT</b>	Parkinsonian gait disorder	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>POSTINST</b>	Postural instability	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CVDSIGNS</b>	Neurological sign considered by examiner to be most likely consistent with cerebrovascular disease	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CORTDEF</b>	Cortical cognitive deficit (e.g., aphasia, apraxia, neglect)	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>SIVDFIND</b>	Focal or other neurological findings consistent with SIVD (subcortical ischemic vascular dementia)	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CVDMOTL</b>	Motor (may include weakness of combination of face, arm, and leg; reflex changes, etc.) — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CVDMOTR</b>	Motor (may include weakness of combination of face, arm, and leg; reflex changes, etc.) — right side	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
B8	Physical/Neurological Exam Findings	<b>CORTVSL</b>	Cortical visual field loss — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CORTVISR</b>	Cortical visual field loss — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>SOMATL</b>	Somatosensory loss — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>SOMATR</b>	Somatosensory loss — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>POSTCORT</b>	Higher cortical visual problem suggesting posterior cortical atrophy (e.g., prosopagnosia, simultagnosia, Balint's syndrome) or apraxia of gaze	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>PSPCBS</b>	Findings suggestive of progressive supranuclear palsy (PSP), corticobasal syndrome (CBS), or other related disorders	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>EYEPSP</b>	Eye movement changes consistent with PSP	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>DYSPSP</b>	Dysarthria consistent with PSP	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>AXIALPSP</b>	Axial rigidity consistent with PSP	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>GAITPSP</b>	Gait disorder consistent with PSP	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>APRAXSP</b>	Apraxia of speech	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>APRAXL</b>	Apraxia consistent with CBS — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>APRAXR</b>	Apraxia consistent with CBS — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CORTSENL</b>	Cortical sensory deficits consistent with CBS — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>CORTSENR</b>	Cortical sensory deficits consistent with CBS — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>ATAXL</b>	Ataxia consistent with CBS — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>ATAXR</b>	Ataxia consistent with CBS — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>ALIENLML</b>	Alien limb consistent with CBS — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>ALIENLMR</b>	Alien limb consistent with CBS — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>DYSTONL</b>	Dystonia consistent with CBS, PSP, or related disorder — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>DYSTONR</b>	Dystonia consistent with CBS, PSP, or related disorder — right side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>MYOCLLT</b>	Myoclonus consistent with CBS — left side	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>MYOCLRT</b>	Myoclonus consistent with CBS — right side	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
B8	Physical/Neurological Exam Findings	<b>ALSFIND</b>	Findings suggesting ALS (e.g., muscle wasting, fasciculations, upper motor and/or lower motor neuron signs)	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>GAITNPH</b>	Normal pressure hydrocephalus — gait apraxia	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>OTHNEUR</b>	Other findings (e.g., cerebella ataxia, chorea, myoclonus)	Original UDS question	v3
B8	Physical/Neurological Exam Findings	<b>OTHNEURX</b>	Other findings (specify)	Original UDS question	v3
B9	<b>Clinician Judgment of Symptoms</b>	<b>B9CHG</b>	Indicate changes in information reported at previous visit	Original UDS question	v1
B9	<b>Clinician Judgment of Symptoms</b>	<b>DECSUB</b>	Does the subject report a decline in memory (relative to previously attained abilities)?	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>DECIN</b>	Does the co-participant report a decline in subject's memory (relative to previously attained abilities)?	Original UDS question	v1-3
B9	<b>Clinician Judgment of Symptoms</b>	<b>DECCLIN</b>	Clinician believes there is a meaningful decline in memory, non-memory cognitive abilities, behavior, ability to manage his/her affairs, or there are motor/movement changes	Original UDS question	v1-2
B9	Clinician Judgment of Symptoms	<b>DECCLCOG</b>	Based on the clinician's judgment, is the subject currently experiencing meaningful impairment in cognition?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>COGMEM</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in memory	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGORI</b>	Indicate whether the subject is meaningfully impaired, relative to previously attained abilities, in orientation	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>COGJUDG</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in executive function — judgment, planning, or problem-solving	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGLANG</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in language	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGVIS</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in visuospatial function	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGATTN</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in attention or concentration	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGFLUC</b>	Indicate whether the subject currently has fluctuating cognition	Original UDS question	v2-3

Form		Variable name	Short descriptor	Variable type	Source
B9	Clinician Judgment of Symptoms	<b>COGFLAGO</b>	At what age did the fluctuating cognition begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>COGOTHR</b>	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in other cognitive domains	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGOTHRX</b>	Specification of other cognitive impairment	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>NACCCOGF</b>	Indicate the predominant symptom that was first recognized as a decline in the subject's cognition	NACC derived variable	v1-3
B9	Clinician Judgment of Symptoms	<b>NACCCGFX</b>	Specification for other predominant symptom first recognized as a decline in the subject's cognition	NACC derived variable	v1-3
B9	Clinician Judgment of Symptoms	<b>COGMODE</b>	Mode of onset of cognitive symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>COGMODEX</b>	Specification for other mode of onset of cognitive symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>DECAGE</b>	Based on clinician's assessment, at what age did the cognitive decline begin?	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>DECCLBE</b>	Based on clinician's judgment, is the subject currently experiencing any kind of behavioral symptoms?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>BEAPATHY</b>	Subject currently manifests meaningful change in behavior — Apathy, withdrawal	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEDEP</b>	Subject currently manifests meaningful change in behavior — Depressed mood	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEVHALL</b>	Subject currently manifests meaningful change in behavior — Psychosis — Visual hallucinations	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEVWELL</b>	If yes, are the hallucinations well-formed and detailed?	Original UDS question	v2-3
B9	Clinician Judgment of Symptoms	<b>BEVHAGO</b>	If well-formed, clear-cut visual hallucinations, at what age did these hallucinations begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>BEAHALL</b>	Subject currently manifests meaningful change in behavior — Psychosis — Auditory hallucinations	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEDEL</b>	Subject currently manifests meaningful change in behavior — Psychosis — Abnormal, false, or delusional beliefs	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEDISIN</b>	Subject currently manifests meaningful change in behavior — Disinhibition	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEIRRIT</b>	Subject currently manifests meaningful change in behavior — Irritability	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
B9	Clinician Judgment of Symptoms	<b>BEAGIT</b>	Subject currently manifests meaningful change in behavior — Agitation	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEPERCH</b>	Subject currently manifests meaningful change in behavior — Personality change	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEREM</b>	Subject currently manifests meaningful change in behavior — REM sleep behavior disorder	Original UDS question	v2-3
B9	Clinician Judgment of Symptoms	<b>BEREMAGO</b>	If yes, at what age did the REM sleep behavior disorder begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>BEANX</b>	Subject currently manifests meaningful change in behavior — Anxiety	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>BEOTHR</b>	Subject currently manifests meaningful change in behavior — Other	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEOTHRX</b>	Subject currently manifests meaningful change in behavior — Other, specify	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>NACCBEHF</b>	Indicate the predominant symptom that was first recognized as a decline in the subject's behavior	NACC derived variable	v1-3
B9	Clinician Judgment of Symptoms	<b>NACCBEFX</b>	Specification of other predominant symptom that was first recognized as a decline in the subject's behavior	NACC derived variable	v1-3
B9	Clinician Judgment of Symptoms	<b>BEMODE</b>	Mode of onset of behavioral symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEMODEX</b>	Specification of other mode of onset of behavioral symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>BEAGE</b>	Based on the clinician's assessment, at what age did the behavioral symptoms begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>DECCLMOT</b>	Based on the clinician's judgment, is the subject currently experiencing any motor symptoms?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>MOGAIT</b>	Indicate whether the subject currently has meaningful changes in motor function — Gait disorder	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>MOFALLS</b>	Indicate whether the subject currently has meaningful changes in motor function — Falls	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>MOTREM</b>	Indicate whether the subject currently has meaningful changes in motor function — Tremor	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>MOSLOW</b>	Indicate whether the subject currently has meaningful changes in motor function — Slowness	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>NACCMOTF</b>	Indicate the predominant symptom that was first recognized as a decline in the subject's motor function	NACC derived variable	v1-3

Form		Variable name	Short descriptor	Variable type	Source
B9	Clinician Judgment of Symptoms	<b>MOMODE</b>	Mode of onset of motor symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>MOMODEX</b>	Specification for other mode of onset of motor symptoms	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>MOMOPARK</b>	Were changes in motor function suggestive of Parkinsonism?	Original UDS question	v2-3
B9	Clinician Judgment of Symptoms	<b>PARKAGE</b>	If yes, at what age did the motor symptoms suggestive of Parkinsonism begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>MOMOALS</b>	Were changes in motor function suggestive of amyotrophic lateral sclerosis?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>ALSGAGE</b>	If yes, at what age did the motor symptoms suggestive of ALS begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>MOAGE</b>	Based on the clinician's assessment, at what age did the motor changes begin?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>COURSE</b>	Overall course of decline of cognitive/behavioral/motor syndrome	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>FRSTCHG</b>	Indicate the predominant domain that was first recognized as changed in the subject	Original UDS question	v1-3
B9	Clinician Judgment of Symptoms	<b>LBDEVAL</b>	Is the subject a potential candidate for further evaluation for Lewy body disease?	Original UDS question	v3
B9	Clinician Judgment of Symptoms	<b>FTLDEVAL</b>	Is the subject a potential candidate for further evaluation for frontotemporal lobar degeneration?	Original UDS question	v3
C1	Neuropsychological Battery Summary Scores	<b>MMSECOMP</b>	Was any part of the MMSE completed?	Original UDS question	v3
C1	Neuropsychological Battery Summary Scores	<b>MMSELOC</b>	Administration of the MMSE was:	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MMSELAN</b>	Language of MMSE administration	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MMSELANX</b>	Language of MMSE administration — Other (specify)	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MMSEVIS</b>	Subject was unable to complete one or more sections due to visual impairment	Original UDS question	v3
C1	Neuropsychological Battery Summary Scores	<b>MMSEHEAR</b>	Subject was unable to complete one or more sections due to hearing impairment	Original UDS question	v3
C1	Neuropsychological Battery Summary Scores	<b>MMSEORDA</b>	Orientation subscale score — Time	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MMSEORLO</b>	Orientation subscale score — Place	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>PENTAGON</b>	Intersecting pentagon subscale score	Original UDS question	v2-3
C1	Neuropsychological Battery Summary Scores	<b>NACCMMSE</b>	Total MMSE score (using D-L-R-O-W)	NACC derived variable	v1-3

Form		Variable name	Short descriptor	Variable type	Source
C1, C2	Neuropsychological Battery Summary Scores	<b>NPSYCLOC</b>	The remainder of the battery was administered:	Original UDS question	v1-3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>NPSYLAN</b>	Language of test administration	Original UDS question	v1-3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>NPSYLANX</b>	Language of test administration — Other (specify)	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>LOGIMO</b>	If this test has been administered to the subject within the past 3 months, specify the date previously administered (month)	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>LOGIDAY</b>	If this test has been administered to the subject within the past 3 months, specify the date previously administered (day)	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>LOGIYR</b>	If this test has been administered to the subject within the past 3 months, specify the date previously administered (year)	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>LOGIPREV</b>	Total score from the previous test administration	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>LOGIMEM</b>	Total number of story units recalled from this current test administration	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MEMUNITS</b>	Logical Memory IIA — Delayed — Total number of story units recalled	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>MEMTIME</b>	Logical Memory IIA — Delayed — Time elapsed since Logical Memory IA — Immediate	Original UDS question	v1-3
C1, C2	Neuropsychological Battery Summary Scores	<b>UDSBENTC</b>	Total score for copy of Benson figure	Original UDS question	v3
C1, C2	Neuropsychological Battery Summary Scores	<b>UDSBENTD</b>	Total score for 10- to 15-minute delayed drawing of Benson figure	Original UDS question	v3
C1,C2	Neuropsychological Battery Summary Scores	<b>UDSBENRS</b>	Recognized original stimulus from among four options	Original UDS question	v3
C1	Neuropsychological Battery Summary Scores	<b>DIGIF</b>	Digit span forward trials correct	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>DIGIFLEN</b>	Digit span forward length	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>DIGIB</b>	Digit span backward trials correct	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>DIGIBLEN</b>	Digit span backward length	Original UDS question	v1-3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>ANIMALS</b>	Animals — Total number of animals named in 60 seconds	Original UDS question	v1-3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>VEG</b>	Vegetable — Total number of vegetables named in 60 seconds	Original UDS question	v1-3
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILA</b>	Trail Making Test Part A — Total number of seconds to complete	Original UDS question	v1-3
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILARR</b>	Part A — Number of commission errors	Original UDS question	v2-3

Form		Variable name	Short descriptor	Variable type	Source
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILALI</b>	Part A — Number of correct lines	Original UDS question	v2-3
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILB</b>	Trail Making Test Part B — Total number of seconds to complete	Original UDS question	v1-3
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILBRR</b>	Part B — Number of commission errors	Original UDS question	v2-3
C1, C2	Neuropsychological Battery Summary Scores	<b>TRAILBLI</b>	Part B — Number of correct lines	Original UDS question	v2-3
C1	Neuropsychological Battery Summary Scores	<b>WAIS</b>	WAIS-R Digit Symbol	Original UDS question	v1-2
C1	Neuropsychological Battery Summary Scores	<b>BOSTON</b>	Boston Naming Test (30) — Total score	Original UDS question	v1-3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERFC</b>	Number of correct F-words generated in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERFN</b>	Number of F-words repeated in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERNF</b>	Number of non-F-words and rule violation errors in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERLC</b>	Number of correct L-words generated in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERLR</b>	Number of L-words repeated in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERLN</b>	Number of non-L-words and rule violation errors in 1 minute	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERTN</b>	Total number of correct F-words and L-words	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERTE</b>	Total number of F-word and L-word repetition errors	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>UDSVERTI</b>	Total number of non-F/L-words and rule violation errors	Original UDS question	v3
C1, C2, C2T	Neuropsychological Battery Summary Scores	<b>COGSTAT</b>	Per clinician, based on the neuropsychological examination, the subject's cognitive status is deemed	Original UDS question	v1-3
C1	Neuropsychological Battery Summary Scores	<b>NACCC1</b>	Form date discrepancy between UDS Form A1 and Form C1	NACC derived variable	v1-3
C2, C2T	Neuropsychological Battery Scores	<b>MOCACOMP</b>	Was any part of MoCA administered?	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAREAS</b>	If no part of MoCA administered, reason code	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCALOC</b>	Where was MoCA administered?	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCALAN</b>	Language of MoCA administration	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCALANX</b>	Language of MoCA administration — Other, specify	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCAVIS</b>	Subject was unable to complete one or more sections due to visual impairment	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
C2, C2T	Neuropsychological Battery Scores	<b>MOCAHEAR</b>	Subject was unable to complete one or more sections due to hearing impairment	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCATOTS</b>	MoCA Total Raw Score — uncorrected	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>NACCMOCA</b>	MoCA Total Score — corrected for education	NACC derived variable	v3
C2	Neuropsychological Battery Scores	<b>MOCATRAI</b>	MoCA: Visuospatial/executive — Trails	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCACUBE</b>	MoCA: Visuospatial/executive — Cube	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCACLOC</b>	MoCA: Visuospatial/executive — Clock contour	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCACLON</b>	MoCA: Visuospatial/executive — Clock numbers	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCACLOH</b>	MoCA: Visuospatial/executive — Clock hands	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCANAMI</b>	MoCA: Language — Naming	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MOCAREGI</b>	MoCA: Memory — Registration (two trials)	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCADIGI</b>	MoCA: Attention — Digits	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCALETT</b>	MoCA: Attention — Letter A	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCASER7</b>	MoCA: Attention — Serial 7s	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAREPE</b>	MoCA: Language — Repetition	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAFLEUE</b>	MoCA: Language — Fluency	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAABST</b>	MoCA: Abstraction	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCARECN</b>	MoCA: Delayed recall — No cue	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCARECC</b>	MoCA: Delayed recall — Category cue	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCARECR</b>	MoCA: Delayed recall — Recognition	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORDT</b>	MoCA: Orientation — Date	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORMO</b>	MoCA: Orientation — Month	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORYR</b>	MoCA: Orientation — Year	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORDY</b>	MoCA: Orientation — Day	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORPL</b>	MoCA: Orientation — Place	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
C2, C2T	Neuropsychological Battery Scores	<b>MOCAORCT</b>	MoCA: Orientation — City	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTVRS</b>	Craft Story 21 Recall (Immediate) — Total story units recalled, verbatim scoring	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTURS</b>	Craft Story 21 Recall (Immediate) — Total story units recalled, paraphrase scoring	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>DIGFORCT</b>	Number Span Test: Forward — Number of correct trials	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>DIGFORSL</b>	Number Span Test: Forward — Longest span forward	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>DIGBACCT</b>	Number Span Test: Backward — Number of correct trials	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>DIGBACLS</b>	Number Span Test: Backward — Longest span backward	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTDVR</b>	Craft Story 21 Recall (Delayed) — Total story units recalled, verbatim scoring	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTDRE</b>	Craft Story 21 Recall (Delayed) — Total story units recalled, paraphrase scoring	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTDTI</b>	Craft Story 21 Recall (Delayed) — Delay time	Original UDS question	v3
C2, C2T	Neuropsychological Battery Scores	<b>CRAFTCUE</b>	Craft Story 21 Recall (Delayed) — Cue (boy) needed	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTTOTS</b>	Multilingual Naming Test (MINT) — Total score	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTTOTW</b>	Multilingual Naming Test (MINT) — Total correct without semantic cue	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTSCNG</b>	Multilingual Naming Test (MINT) — Semantic cues: Number given	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTSCNC</b>	Multilingual Naming Test (MINT) — Semantic cues: Number correct with cue	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTPCNG</b>	Multilingual Naming Test (MINT) — Phonemic cues: Number given	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>MINTPCNC</b>	Multilingual Naming Test (MINT) — Phonemic cues: Number correct with cue	Original UDS question	v3
C2	Neuropsychological Battery Scores	<b>NACCC2</b>	Form date discrepancy between UDS Form A1 and Form C2	NACC derived variable	v3
C2T	Neuropsychological Battery Scores	<b>MODCOMM</b>	Modality of communication used to administer neuropsychological battery	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>MOCBTOTS</b>	MoCA Blind Total raw score — uncorrected	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>NACCMOCB</b>	MoCA-Blind Total Score — corrected for education	NACC derived variable	v3
C2T	Neuropsychological Battery Scores	<b>REY1REC</b>	Rey Auditory Verbal Learning: Trial 1 total recall	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
C2T	Neuropsychological Battery Scores	<b>REY1INT</b>	Rey Auditory Verbal Learning: Trial 1 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY2REC</b>	Rey Auditory Verbal Learning: Trial 2 total recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY2INT</b>	Rey Auditory Verbal Learning: Trial 2 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY3REC</b>	Rey Auditory Verbal Learning: Trial 3 total recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY3INT</b>	Rey Auditory Verbal Learning: Trial 3 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY4REC</b>	Rey Auditory Verbal Learning: Trial 4 total recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY4INT</b>	Rey Auditory Verbal Learning: Trial 4 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY5REC</b>	Rey Auditory Verbal Learning: Trial 5 total recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY5INT</b>	Rey Auditory Verbal Learning: Trial 5 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY6REC</b>	Rey Auditory Verbal Learning: Trial 6 total recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REY6INT</b>	Rey Auditory Verbal Learning: Trial 6 intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRAILA</b>	Oral Trail Making Test – Part A: Total number of seconds to complete	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRLARR</b>	Oral Trail Making Test – Part A: Number of commission errors	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRLALI</b>	Oral Trail Making Test – Part A: Number of correct lines	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRAILB</b>	Oral Trail Making Test Part B: Total number of seconds to complete	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRLBRR</b>	Oral Trail Making Test Part B: Number of commission errors	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>OTRLBLI</b>	Oral Trail Making Test Part B: Number of correct lines	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REYDREC</b>	Rey Auditory Verbal Learning: total delayed recall	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REYDINT</b>	Rey Auditory Verbal Learning: delayed intrusions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REYTCOR</b>	Rey Auditory Verbal Learning: recognition total correct	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>REYFPOS</b>	Rey Auditory Verbal Learning: recognition total false positives	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>VNTTOTW</b>	Verbal naming test: total correct without a cue	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>VNTPCNC</b>	Verbal naming test: total correct with a phonemic cue	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
C2T	Neuropsychological Battery Scores	<b>RESPVAL</b>	How valid do you think the participant's responses are?	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPHEAR</b>	What makes this participant's responses less valid? Hearing impairment	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPDIST</b>	What makes this participant's responses less valid? Distractions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPINTR</b>	What makes this participant's responses less valid? Interruptions	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPDISN</b>	What makes this participant's responses less valid? Lack of effort or disinterest	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPFATG</b>	What makes this participant's responses less valid? Fatigue	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPEMOT</b>	What makes this participant's responses less valid? Emotional issues	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPASST</b>	What makes this participant's responses less valid? Unapproved assistance	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPOTH</b>	What makes this participant's responses less valid? Other	Original UDS question	v3
C2T	Neuropsychological Battery Scores	<b>RESPOTHX</b>	What makes this participant's responses less valid? Other (specify)	Original UDS question	v3
D1	Clinician Diagnosis	<b>WHODIDDX</b>	Who did diagnosis	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>DXMETHOD</b>	Diagnosis method	Original UDS question	v3
D1	Clinician Diagnosis	<b>NORMCOG</b>	Normal cognition and behavior	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>DEMENTED</b>	Met criteria for dementia	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>NACCUDSD</b>	Cognitive status at UDS visit	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>AMNDEM</b>	Dementia syndrome — Amnestic multidomain dementia syndrome	Original UDS question	v3
D1	Clinician Diagnosis	<b>PCA</b>	Dementia syndrome — Posterior cortical atrophy syndrome (or primary visual presentation)	Original UDS question	v3
D1	Clinician Diagnosis	<b>NACCPPA</b>	Primary progressive aphasia (PPA) with cognitive impairment	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCPPAG</b>	Dementia syndrome — Primary progressive aphasia (PPA) subtype according to the criteria outlined by Gorno-Tempini et al. 2011	NACC derived variable	v3
D1	Clinician Diagnosis	<b>NACCPPME</b>	Primary progressive aphasia (PPA) subtype according to older criteria outlined by Mesulam et al (2001 and 2003)	NACC derived variable	v1-2

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>NACCBVFT</b>	Dementia syndrome — behavioral variant FTD syndrome (bvFTD)	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCLBDS</b>	Dementia syndrome — Lewy body dementia syndrome	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NAMNDEM</b>	Dementia syndrome — Non-amnestic multidomain dementia, not PCA, PPA, bvFTD, or DLB syndrome	Original UDS question	v3
D1	Clinician Diagnosis	<b>NACCTMCI</b>	Mild cognitive impairment (MCI) type	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCMCIL</b>	MCI domain affected — language	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCMCIA</b>	MCI domain affected — attention	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCMCIE</b>	MCI domain affected — executive function	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCMCIV</b>	MCI domain affected — visuospatial	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>IMPNOMCI</b>	Cognitively impaired, not MCI	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>AMYLPET</b>	Abnormally elevated amyloid on PET	Original UDS question	v3
D1	Clinician Diagnosis	<b>AMYLCSF</b>	Abnormally low amyloid in CSF	Original UDS question	v3
D1	Clinician Diagnosis	<b>FDGAD</b>	FDG-PET pattern of AD	Original UDS question	v3
D1	Clinician Diagnosis	<b>HIPPATR</b>	Hippocampal atrophy	Original UDS question	v3
D1	Clinician Diagnosis	<b>TAUPETAD</b>	Tau PET evidence for AD	Original UDS question	v3
D1	Clinician Diagnosis	<b>CSFTAU</b>	Abnormally elevated CSF Tau or pTau	Original UDS question	v3
D1	Clinician Diagnosis	<b>FDGFTLD</b>	FDG-PET evidence for frontal or anterior temporal hypometabolism for FTLD	Original UDS question	v3
D1	Clinician Diagnosis	<b>TPETFTLD</b>	Tau PET evidence for FTLD	Original UDS question	v3
D1	Clinician Diagnosis	<b>MRFTLD</b>	Structural MR evidence for frontal or anterior temporal atrophy for FTLD	Original UDS question	v3
D1	Clinician Diagnosis	<b>DATSCAN</b>	Dopamine transporter scan (DATscan) evidence for Lewy body disease	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHBIOM</b>	Biomarker findings — Other	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHBIOMX</b>	Biomarker findings — Other (specify)	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMAGLINF</b>	Large vessel infarct(s)	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMAGLAC</b>	Lacunar infarct(s)	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMAGMACH</b>	Macrohemorrhage(s)	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>IMAGMICH</b>	Microhemorrhage(s)	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMAGMWMH</b>	Moderate white-matter hyperintensity (CHS score 5-6)	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMAGEWMH</b>	Extensive white-matter hyperintensity (CHS score 7-8)	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHMUT</b>	Does the subject have a hereditary mutation other than an AD or FTLD mutation?	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHMUTX</b>	Other mutation, specify	Original UDS question	v3
D1	Clinician Diagnosis	<b>NACCALZD</b>	Presumptive etiologic diagnosis of the cognitive disorder — Alzheimer's disease	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCALZP</b>	<b>Primary</b> , contributing, or non-contributing cause of observed cognitive impairment — Alzheimer's disease (AD)	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>PROBAD</b>	Presumptive etiologic diagnosis of the cognitive disorder — Probable Alzheimer's disease	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>PROBADIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Probable Alzheimer's disease	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>POSSAD</b>	Presumptive etiologic diagnosis of the cognitive disorder — Possible Alzheimer's disease	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>POSSADIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Possible Alzheimer's disease	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>NACCLBDE</b>	Presumptive etiologic diagnosis of the cognitive disorder — Lewy body disease	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCLBDP</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Lewy body disease (LBD)	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>PARK</b>	Parkinson's disease present	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>MSA</b>	Presumptive etiologic diagnosis of the cognitive disorder — Multiple system atrophy (MSA)	Original UDS question	v3
D1	Clinician Diagnosis	<b>MSAIF</b>	<b>Primary</b> , contributing, or non-contributing cause of cognitive impairment — Multiple system atrophy (MSA)	Original UDS question	v3
D1	Clinician Diagnosis	<b>PSP</b>	Presumptive etiologic diagnosis of the cognitive disorder — primary supranuclear palsy (PSP)	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>PSPIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Primary supranuclear palsy (PSP)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>CORT</b>	Presumptive etiologic diagnosis of the cognitive disorder — Corticobasal degeneration (CBD)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>CORTIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Corticobasal degeneration (CBD)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>FTLDMO</b>	Presumptive etiologic diagnosis of the cognitive disorder — FTLD with motor neuron disease (MND)	Original UDS question	v3
D1	Clinician Diagnosis	<b>FTLDMOIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — FTLD with motor neuron disease (MND)	Original UDS question	v3
D1	Clinician Diagnosis	<b>FTLDNOS</b>	Presumptive etiologic diagnosis of the cognitive disorder — FTLD not otherwise specified (NOS)	Original UDS question	v3
D1	Clinician Diagnosis	<b>FTLDNOIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — FTLD not otherwise specified (NOS)	Original UDS question	v3
D1	Clinician Diagnosis	<b>FTD</b>	Presence of behavioral frontotemporal dementia (bvFTD)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>FTDIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — behavioral frontotemporal dementia (bvFTD)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>PPAPH</b>	Presumptive etiologic diagnosis of the cognitive disorder — Primary progressive aphasia (PPA)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>PPAPHIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — primary progressive aphasia (PPA)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>FTLDSUBT</b>	FTLD subtype	Original UDS question	v3
D1	Clinician Diagnosis	<b>FTLDSUBX</b>	Other FTLD subtype, specify	Original UDS question	v3
D1	Clinician Diagnosis	<b>CVD</b>	Presumptive etiologic diagnosis of the cognitive disorder — Vascular brain injury (VBI)	Original UDS question	v3
D1	Clinician Diagnosis	<b>CVDIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — vascular brain injury	Original UDS question	v3
D1	Clinician Diagnosis	<b>PREVSTK</b>	Previous symptomatic stroke	Original UDS question	v3
D1	Clinician Diagnosis	<b>STROKDEC</b>	Temporal relationship between stroke and cognitive decline	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>STKIMAG</b>	Confirmation of stroke by neuroimaging	Original UDS question	v3
D1	Clinician Diagnosis	<b>INFNETW</b>	Imaging evidence of cystic infarction in cognitive network(s)	Original UDS question	v3
D1	Clinician Diagnosis	<b>INFWMH</b>	Imaging evidence of cystic infarction, imaging evidence of extensive white matter hyperintensity (CHS grade 7-8+), and impairment in executive function	Original UDS question	v3
D1	Clinician Diagnosis	<b>VASC</b>	Presumptive etiologic diagnosis of the cognitive disorder — Probable vascular dementia (NINDS/AIREN criteria)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>VASCIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Probable vascular dementia (NINDS/AIREN criteria)	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>VASCPSP</b>	Presumptive etiologic diagnosis of the cognitive disorder — Possible vascular dementia (NINDS/AIREN criteria)	Original UDS question	v2
D1	Clinician Diagnosis	<b>VASCPSIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — possible vascular dementia (NINDS/AIREN criteria)	Original UDS question	v2
D1	Clinician Diagnosis	<b>STROKE</b>	Presumptive etiologic diagnosis of the cognitive disorder — Stroke	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>STROKIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — stroke	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>ESSTREM</b>	Presumptive etiologic diagnosis of the cognitive disorder — Essential tremor	Original UDS question	v3
D1	Clinician Diagnosis	<b>ESSTREIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Essential tremor	Original UDS question	v3
D1	Clinician Diagnosis	<b>DOWNS</b>	Presumptive etiologic diagnosis of the cognitive disorder — Down syndrome	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>DOWNSIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Down syndrome	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>HUNT</b>	Presumptive etiologic diagnosis of the cognitive disorder — Huntington's disease	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>HUNTF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Huntington's disease	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>PRION</b>	Presumptive etiologic diagnosis of the cognitive disorder — Prion disease (CJD, other)	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>PRIONIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Prion disease (CJD, other)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>BRNINJ</b>	Presumptive etiologic diagnosis of the cognitive disorder — Traumatic brain injury (TBI)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>BRNINJIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Traumatic brain injury (TBI)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>BRNINCTE</b>	Symptoms consistent with chronic traumatic encephalopathy (CTE)	Original UDS question	v3
D1	Clinician Diagnosis	<b>HYCEPH</b>	Presumptive etiologic diagnosis of the cognitive disorder — Normal-pressure hydrocephalus (NPH)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>HYCEPHIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Normal-pressure hydrocephalus (NPH)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>EPILEP</b>	Presumptive etiologic diagnosis of the cognitive disorder — Epilepsy	Original UDS question	v3
D1	Clinician Diagnosis	<b>EPILEPIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Epilepsy	Original UDS question	v3
D1	Clinician Diagnosis	<b>NEOP</b>	Presumptive etiologic diagnosis of the cognitive disorder — CNS neoplasm	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>NEOPIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — CNS neoplasm	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>NEOPSTAT</b>	CNS neoplasm — benign or malignant	Original UDS question	v3
D1	Clinician Diagnosis	<b>HIV</b>	Presumptive etiologic diagnosis of the cognitive disorder — Human immunodeficiency virus (HIV)	Original UDS question	v3
D1	Clinician Diagnosis	<b>HIVIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — HIV	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHCOG</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other neurological, genetic, or infectious condition	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHCOGIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other neurological, genetic, or infectious condition	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHCOGX</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other neurological, genetic, or infectious conditions (specify)	Original UDS question	v3
D1	Clinician Diagnosis	<b>DEP</b>	Presumptive etiologic diagnosis of the cognitive disorder — Depression	Original UDS question	v1-3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>DEPIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Depression	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>DEPTREAT</b>	Depression — Treated or untreated	Original UDS question	v3
D1	Clinician Diagnosis	<b>BIPOLDX</b>	Presumptive etiologic diagnosis of the cognitive disorder — Bipolar disorder	Original UDS question	v3
D1	Clinician Diagnosis	<b>BIPOLDIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — bipolar disorder	Original UDS question	v3
D1	Clinician Diagnosis	<b>SCHIZOP</b>	Presumptive etiologic diagnosis of the cognitive disorder — Schizophrenia or other psychosis	Original UDS question	v3
D1	Clinician Diagnosis	<b>SCHIZOIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Schizophrenia or other psychosis	Original UDS question	v3
D1	Clinician Diagnosis	<b>ANXIET</b>	Presumptive etiologic diagnosis of the cognitive disorder — Anxiety	Original UDS question	v3
D1	Clinician Diagnosis	<b>ANXIETIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Anxiety	Original UDS question	v3
D1	Clinician Diagnosis	<b>DELIR</b>	Presumptive etiologic diagnosis of the cognitive disorder — Delirium	Original UDS question	v3
D1	Clinician Diagnosis	<b>DELIRIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Delirium	Original UDS question	v3
D1	Clinician Diagnosis	<b>PTSDDX</b>	Presumptive etiologic diagnosis of the cognitive disorder — Post-traumatic stress disorder (PTSD)	Original UDS question	v3
D1	Clinician Diagnosis	<b>PTSDDXIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — PTSD	Original UDS question	v3
D1	Clinician Diagnosis	<b>OTHPSY</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other psychiatric disease	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>OTHPSYIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other psychiatric disease	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>OTHPSYX</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other psychiatric disease (specify)	Original UDS question	v3
D1	Clinician Diagnosis	<b>ALCDEM</b>	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to alcohol abuse	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>ALCDEMIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Alcohol abuse	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>ALCABUSE</b>	Current alcohol abuse	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>IMPSUB</b>	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to other substance abuse	Original UDS question	v3
D1	Clinician Diagnosis	<b>IMPSUBIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other substance abuse	Original UDS question	v3
D1	Clinician Diagnosis	<b>DYSILL</b>	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to systemic disease/medical illness	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>DYSILLIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — systemic disease/medical illness	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>MEDS</b>	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to medications	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>MEDSIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — medications	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>DEMUN</b>	Presumptive etiologic diagnosis of the cognitive disorder — Undetermined etiology	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>DEMUNIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Undetermined etiology	Original UDS question	v1-2
D1	Clinician Diagnosis	<b>COGOTH</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other 1 (specify)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>COGOTHIF</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other1 (specify)	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>COGOTHX</b>	Other presumptive etiologic diagnosis of the cognitive disorder 1, specify	Original UDS question	v1-3
D1	Clinician Diagnosis	<b>COGOTH2</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other 2 (specify)	Original UDS question	v2-3
D1	Clinician Diagnosis	<b>COGOTH2F</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other 2 (specify)	Original UDS question	v2-3
D1	Clinician Diagnosis	<b>COGOTH2X</b>	Other presumptive etiologic diagnosis of the cognitive disorder 2, specify	Original UDS question	v2-3
D1	Clinician Diagnosis	<b>COGOTH3</b>	Presumptive etiologic diagnosis of the cognitive disorder — Other 3 (specify)	Original UDS question	v2-3
D1	Clinician Diagnosis	<b>COGOTH3F</b>	Primary, contributing, or non-contributing cause of cognitive impairment — Other 3 (specify)	Original UDS question	v2-3
D1	Clinician Diagnosis	<b>COGOTH3X</b>	Other presumptive etiologic diagnosis of the cognitive disorder 3, specify	Original UDS question	v2-3

Form		Variable name	Short descriptor	Variable type	Source
D1	Clinician Diagnosis	<b>NACCNORM</b>	Normal cognition at all visits to date	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCIDEM</b>	Incident dementia during UDS follow-up	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCMCII</b>	Incident MCI during UDS follow-up	NACC derived variable	v1-3
D1	Clinician Diagnosis	<b>NACCADMU</b>	Does the subject have a dominantly inherited AD mutation?	NACC derived variable	v3
D1	Clinician Diagnosis	<b>NACCFTDM</b>	Does the subject have an hereditary FTLD mutation?	NACC derived variable	v3
D1	Clinician Diagnosis	<b>NACCETPR</b>	Primary etiologic diagnosis (MCI); impaired, not MCI; or dementia	NACC derived variable	v1-3
D2	Clinician-assessed Medical Conditions	<b>CANCER</b>	Cancer present in the last 12 months (excluding non-melanoma skin cancer), primary or metastatic	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>CANCSITE</b>	Cancer primary site specification	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>DIABET</b>	Diabetes present at visit	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>MYOINF</b>	Myocardial infarct present within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>CONGHRT</b>	Congestive heart failure present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>AFIBRILL</b>	Atrial fibrillation present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>HYPERT</b>	Hypertension present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ANGINA</b>	Angina present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>HYPCHOL</b>	Hypercholesterolemia present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>VB12DEF</b>	B12 deficiency present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>THYDIS</b>	Thyroid disease present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTH</b>	Arthritis present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTYPE</b>	Arthritis type	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTYPEX</b>	Other arthritis type specification	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTUPEX</b>	Arthritis region affected — upper extremity	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTLOEX</b>	Arthritis region affected — lower extremity	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTSPIN</b>	Arthritis region affected — spine	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ARTUNKN</b>	Arthritis region affected — unknown	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
D2	Clinician-assessed Medical Conditions	<b>URINEINC</b>	Incontinence present — urinary	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>BOWLINC</b>	Incontinence present — bowel	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>SLEEPAP</b>	Sleep apnea present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>REMDIS</b>	REM sleep behavior disorder (RBD) present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>HYPOSOM</b>	Hyposomnia/insomnia present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>SLEEPOTH</b>	Other sleep disorder present	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>SLEEPOTX</b>	Other sleep disorder specification	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ANGIOCP</b>	Carotid procedure: angioplasty, endarterectomy, or stent within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ANGIOPCI</b>	Percutaneous coronary intervention: angioplasty and/or stent within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>PACEMAKE</b>	Procedure: pacemaker and/or defibrillator within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>HVALVE</b>	Procedure: heart valve replacement or repair within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ANTIENC</b>	Antibody-mediated encephalopathy within the past 12 months	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>ANTIENCX</b>	Antibody-mediated encephalopathy, specify	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>OTHCOND</b>	Other medical conditions or procedures within the past 12 months not listed above	Original UDS question	v3
D2	Clinician-assessed Medical Conditions	<b>OTHCONDX</b>	Other medical conditions specification	Original UDS question	v3
Z1X	Form Checklist	<b>LANGA1</b>	A1 Subject Demographics — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGA2</b>	A2 Co-participant Demographics — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGA3</b>	A3 Subject Family History — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGA4</b>	A4 Subject Medications — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGA5</b>	A5 Subject Health History — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB1</b>	B1 Evaluation Form: Physical — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB4</b>	B4 Global Staging — CDR: Standard and Supplemental — language	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
Z1X	Form Checklist	<b>LANGB5</b>	B5 Behavioral Assessment: NPI-Q — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB6</b>	B6 Behavioral Assessment: GDS — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB7</b>	B7 Functional Assessment: FAS — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB8</b>	B8 Neurological Examination Findings — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB9</b>	B9 Clinician Judgment of Symptoms — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC2</b>	C2 Neuropsychological Battery Scores — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGD1</b>	D1 Clinician Diagnosis — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGD2</b>	D2 Clinician-assessed Medical Conditions — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB3F</b>	B3F Supplemental UPDRS — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGB9F</b>	B9F Clinical PPA and bvFTD Features — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC1F</b>	C1F Neuropsychological Battery Summary Scores — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC2F</b>	C2F Social Norms Questionnaire — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC3F</b>	C3F Social Behavior Observer Checklist — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC4F</b>	C4F Behavioral Inhibition Scale — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC5F</b>	C5F Interpersonal Reactivity Index — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGC6F</b>	C6F Revised Self-monitoring Scale — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGE2F</b>	E2F Imaging Available — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGE3F</b>	E3F Imaging in Diagnosis — language	Original UDS question	v3
Z1X	Form Checklist	<b>LANGCLS</b>	CLS Subject Demographics — language	Original UDS question	v3
Z1X	Form Checklist	<b>CLSSUB</b>	B3F Subject Demographics — language	Original UDS question	v3
CLS	Linguistic History Form	<b>NACCSPNL</b>	Average Spanish level (average of Questions 6 – 9)	NACC derived variable	v3
CLS	Linguistic History Form	<b>NACCENGL</b>	Average English level (average of Questions 11 – 14)	NACC derived variable	v3
CLS	Linguistic History Form	<b>APREFLAN</b>	In what language do you prefer to be evaluated (English or Spanish)	Original UDS question	v3
CLS	Linguistic History Form	<b>AYRSPAN</b>	How many years have you lived in an environment where people generally speak Spanish	Original UDS question	v3

Form		Variable name	Short descriptor	Variable type	Source
CLS	Linguistic History Form	<b>AYRENGL</b>	How many years have you lived in an environment where people generally speak English	Original UDS question	v3
CLS	Linguistic History Form	<b>APCSPAN</b>	Please approximate the percentage of time during a normal/average day that you use Spanish	Original UDS question	v3
CLS	Linguistic History Form	<b>APCENGL</b>	Please approximate the percentage of time during a normal/average day that you use English	Original UDS question	v3
CLS	Linguistic History Form	<b>ASPKSPAN</b>	In your opinion, what is your level of proficiency when you speak Spanish	Original UDS question	v3
CLS	Linguistic History Form	<b>AREASPAN</b>	In your opinion, what is your level of proficiency when you read Spanish	Original UDS question	v3
CLS	Linguistic History Form	<b>AWRISPAN</b>	In your opinion, what is your level of proficiency when you write in Spanish	Original UDS question	v3
CLS	Linguistic History Form	<b>AUNDSPAN</b>	In your opinion, what is your level of proficiency for understanding spoken/oral Spanish	Original UDS question	v3
CLS	Linguistic History Form	<b>ASPKENGL</b>	In your opinion, what is your level of proficiency when you speak English	Original UDS question	v3
CLS	Linguistic History Form	<b>AREAENGL</b>	In your opinion, what is your level of proficiency when you read English	Original UDS question	v3
CLS	Linguistic History Form	<b>AWRIENGL</b>	In your opinion, what is your level of proficiency when you write in English	Original UDS question	v3
CLS	Linguistic History Form	<b>AUNDENGL</b>	In your opinion, what is your level of proficiency for understanding spoken/oral English	Original UDS question	v3
Other data available at NACC		<b>NACCFTD</b>	One or more FTLD Module visits completed	NACC derived variable	v3
Other data available at NACC		<b>NACCLBDM</b>	One or more LBD Module visits completed	NACC derived variable	v3
Other data available at NACC		<b>NACCNMRI</b>	Total number of MRI sessions	NACC derived variable	v3
Other data available at NACC		<b>NACCMRSA</b>	At least one MRI scan available	NACC derived variable	v3
Other data available at NACC		<b>NACCNAPA</b>	Total number of amyloid PET scans available	NACC derived variable	v3
Other data available at NACC		<b>NACCAPSA</b>	At least one amyloid PET scan available	NACC derived variable	v3
Other data available at NACC		<b>NACCACSF</b>	One or more measures of A $\beta$ 1–42 reported	NACC derived variable	v3
Other data available at NACC		<b>NACCPCSF</b>	One or more measures of P-tau181P reported	NACC derived variable	v3
Other data available at NACC		<b>NACCTCSF</b>	One or more measures of T-tau reported	NACC derived variable	v3
Other data available at NACC		<b>NACCAUTP</b>	Neuropathology data from an autopsy is available	NACC derived variable	v3

# UDS and NACC derived variables with full descriptions

# Form Header and Milestones Form

## NACCID

Variable type	NACC derived variable
Short descriptor	Subject ID number
Data type	Character cross-sectional
Allowable codes	Prefix “NACC” followed by 6 numerals
Description/derivation	This is a randomly generated ID that replaces the patient ID in research data files.

## NACCADC

Variable type	NACC derived variable
Short descriptor	ADC at which subject was seen
Data type	Numeric cross-sectional
Allowable codes	100–9999
Description/derivation	This is a randomly generated ID that replaces the ADC ID in research data files.

## PACKET

Variable type	Original UDS question
Short descriptor	Packet code
Data type	Numeric longitudinal
Allowable codes	I = Initial Visit Packet F = Follow-up Visit Packet IT = Telephone Initial Visit Packet T = Telephone Visit Packet

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	OA	OA	OA
FV question no.	OA	OA	OA
TI question no.			OA
TF question no.		OA	OA

## FORMVER

Variable type	Original UDS question
Short descriptor	Form version number
Data type	Numeric longitudinal
Allowable codes	1, 2, 3, 3.2

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	OC	OC	OC
FV question no.	OC	OC	OC
TI question no.			OC
TF question no.		OC	OC

## VISITMO

Variable type	Original UDS question
Short descriptor	Form date — month
Data type	Numeric longitudinal
Allowable codes	1–12
Description/derivation	Visit month comes from the date Form A1 was completed.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	OF	OF	OF
FV question no.	OF	OF	OF
TI question no.			OF
TF question no.		OF	OF

**VISITDAY**

Variable type	Original UDS question
Short descriptor	Form date — day
Data type	Numeric longitudinal
Allowable codes	1–31
Description/derivation	Visit day comes from the date Form A1 was completed.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	0G	0G	0G
FV question no.	0G	0G	0G
TI question no.			0G
TF question no.		0G	0G

**VISITYR**

Variable type	Original UDS question
Short descriptor	Form date — year
Data type	Numeric longitudinal
Allowable codes	2005 to the present year
Description/derivation	Visit year comes from the date Form A1 was completed.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	0H	0H	0H
FV question no.	0H	0H	0H
TI question no.			0H
TF question no.		0H	0H

**NACCVNUM**

Variable type	NACC derived variable
Short descriptor	UDS visit number (order)
Data type	Numeric longitudinal
Allowable codes	1–20
Description/derivation	This variable provides the order of the UDS visits made for each subject, regardless of the time between visits and whether the visit was in person or on the telephone. For example, <b>NACCVNUM</b> =1 indicates the initial visit and <b>NACCVNUM</b> =2 indicates the first follow-up completed. This variable is available for all UDS subjects at all visits.

**NACCAVST**

Variable type	NACC derived variable
Short descriptor	Total number of all UDS visits made
Data type	Numeric cross-sectional
Allowable codes	1–20
Description/derivation	This variable provides the total number of visits the subject has made, regardless of the time between visits and whether the visit was in person or on the telephone. Subjects with <b>NACCAVST</b> = 1 have completed an initial visit only. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional. This variable is available for all UDS subjects at all visits.

**NACCNVST**

Variable type	NACC derived variable
Short descriptor	Number of in-person UDS visits made
Data type	Numeric cross-sectional
Allowable codes	1–20
Description/derivation	This variable provides the number of in-person visits the subject made, regardless of the time between visits. Telephone visits are not included in this count (see <b>NACCAVST</b> ). Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional. This variable is available for all UDS subjects at all visits.

**NACCDAYS**

Variable type	NACC derived variable
Short descriptor	Days from initial visit to most recent visit
Data type	Numeric cross-sectional
Allowable codes	0–5000
Description/derivation	This variable provides the number of days from initial visit to most recent visit, i.e., most recent visit date minus the initial visit date. Subjects completing the initial visit only will have <b>NACCDAYS</b> = 0. To obtain follow-up time in years, simply divide <b>NACCDAYS</b> by 365.25. Also note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional. This variable is available for all UDS subjects at all visits.

**NACCFDYS**

Variable type	NACC derived variable
Short descriptor	Days from initial visit to each follow-up visit
Data type	Numeric longitudinal
Allowable codes	0–5000
Description/derivation	This variable provides the number of days from the initial visit to each follow-up visit, calculated as visit date less initial visit date, for every follow-up visit. All initial visits will have <b>NACCFDYS</b> = 0. Note that in order to obtain follow-up time in years, simply divide <b>NACCFDYS</b> by 365.25. This variable is available for all UDS subjects at all visits.

**NACCDIED**

Variable type	NACC derived variable
Short descriptor	Subject is known to be deceased
Data type	Numeric cross-sectional
Allowable codes	0 = Not deceased/unknown 1 = Deceased
Description/derivation:	A subject with a Neuropathology Form and/or a Milestones Form reporting the subject's death is indicated as deceased ( <b>NACCDIED</b> =1). Otherwise, <b>NACCDIED</b> =0. NOTE: NACC is not always made aware of deaths for active and inactive subjects; thus <b>NACCDIED</b> =0 for a subject who has died but whose death was not reported to NACC.

**NACCMOD**

Variable type	NACC derived variable
Short descriptor	Month of death
Data type	Numeric cross-sectional
Allowable codes	1–12 88 = Not applicable, subject not deceased 99 = Unknown
Description/derivation	This variable is derived using data from both the Neuropathology (NP) and Milestones Form, as applicable. For subjects for whom NP data is available, <b>NACCMOD</b> = month of death provided on the NP Form. Note that all subjects with an NP Form will have a known month of death.

**NACCYOD**

Variable type	NACC derived variable
Short descriptor	Year of death
Data type	Numeric cross-sectional
Allowable codes	Allowable codes cannot precede 1970; in most cases, should not precede 1984 8888 = Not applicable, subject not deceased 9999 = Unknown
Description/derivation	This variable is derived using data from both the Neuropathology (NP) and Milestones Form, as applicable. For subjects for whom NP data is available, <b>NACCYOD</b> = year of death provided on the NP Form. Note that all subjects with an NP Form will have a known year of death.

**NACCACTV**

Variable type	NACC derived variable
Short descriptor	Follow-up status at the Alzheimer's Disease Center (ADC)
Data type	Numeric cross-sectional
Allowable codes	0 = Died, discontinued, lost to follow-up 1 = Annual follow-up (no discontinuation/loss to follow-up or minimal contact) 2 = Minimal contact with Center, no annual follow-up
Description/derivation	This variable is derived using data from the Milestones Form. Subjects can be enrolled for initial visit only or for annual follow-up. At any point after the initial visit, subjects can discontinue participation for a number of

reasons. A subject's most recent status in the database has been categorized in the following way: **NACCACTV** = 0 if the subject receives no follow-up or contact with the ADC (e.g., the subject has died, was discontinued, or was enrolled as initial visit only). **NACCACTV** = 1 if the subject is under annual follow-up in person or by telephone and is expected to make additional annual visits. Subjects who have minimal contact with the ADC (e.g., followed to autopsy), but who are still enrolled in the UDS, are coded as **NACCACTV** = 2. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional. As such, it does not capture change in participation status. For example, subjects who were discontinued but who have since rejoined for annual follow-up are coded as **NACCACTV** = 1, and subjects who were enrolled as initial visit only, but made additional visits and are now followed annually are coded as **NACCACTV** = 1. Please note that NACC is not always made aware of a change in follow-up status immediately; therefore, this variable should be considered an estimate of the follow-up status of UDS subjects.

## NACCNOVS

Variable type	NACC derived variable
Short descriptor	No longer followed annually in person or by telephone
Data type	Numeric cross-sectional
Allowable codes	0 = Still receiving annual follow-up in person or by telephone 1 = No longer receiving annual follow-up in person or by telephone 8 = Not applicable, enrolled for initial visit only
Description/derivation	This variable is derived using data from the Milestones Form and indicates whether the subject is still receiving or expected to receive annual follow-up (i.e., the Center has not discontinued the subject and has not indicated that he/she will be under minimal contact). Subjects who have discontinued follow-up in the past but have rejoined with annual follow-up will have <b>NACCNOVS</b> = 0. Subjects who have died, have been discontinued and did not rejoin/have visits following the discontinuation, are under minimal contact, or are followed to autopsy (i.e., no longer seen annually) will have <b>NACCNOVS</b> = 1. Please note that NACC is not always made aware of a change in follow-up status immediately; therefore, this variable should be considered an estimate of the follow-up status of UDS subjects.

## NACCDSMO

Variable type	NACC derived variable
Short descriptor	Month of discontinuation from annual follow-up
Data type	Numeric cross-sectional
Allowable codes	1–12 88 = Not applicable, still followed annually in person or by telephone
Description/derivation	This variable is derived using data from the Milestones Form and indicates the month the subject discontinued from annual follow-up. Subjects who continue to be followed annually in-person or by telephone or who have discontinued follow-up in the past but have rejoined will have <b>NACCDSMO</b> = 88. Subjects who are under minimal contact or followed to autopsy (i.e., no longer seen annually) will have a month of discontinuation provided.

## NACCDSDY

Variable type	NACC derived variable
Short descriptor	Day of discontinuation from annual follow-up
Data type	Numeric cross-sectional
Allowable codes	1–31 88 = Not applicable, still followed annually in person or by telephone
Description/derivation	This variable is derived using data from the Milestones Form and indicates the day the subject discontinued from annual follow-up. Subjects who continue to be followed annually in-person or by telephone or who have discontinued follow-up in the past but have rejoined will have <b>NACCDSDY</b> = 88. Subjects who are under minimal contact or followed to autopsy (i.e., no longer seen annually) will have a day of discontinuation provided.

**NACCDSYR**

Variable type	NACC derived variable
Short descriptor	Year of discontinuation from annual follow-up
Data type	Numeric cross-sectional
Allowable codes	2005 to present 8888 = Not applicable, still followed annually in person or by telephone
Description/derivation	This variable is derived using data from the Milestones Form and indicates the year the subject discontinued from annual follow-up. Subjects who continue to be followed annually in-person or by telephone or who have discontinued follow-up in the past but have rejoined will have <b>NACCDSYR</b> =8888. Subjects who are under minimal contact or followed to autopsy (i.e., no longer seen annually) will have a year of discontinuation provided.

**NACCNURP**

Variable type	NACC derived variable
Short descriptor	Permanently moved to a nursing home
Data type	Numeric cross-sectional
Allowable codes	0 = Did not report permanent move to a nursing home 1 = Permanently moved to a nursing home
Description/derivation	<p>This variable is derived using data from the Milestones Form and Form A1 and indicates whether the subject was reported to have permanently moved to a nursing home. The definition of nursing home on the Milestones form is left up to the interpretation of the Centers; therefore, some Centers may only report a permanent move to a skilled nursing facility, whereas other Centers may report permanent moves to skilled nursing facilities as well as other types of care facilities.</p> <p>If the subject was reported to have permanently moved to a nursing home, but still received annual visits and later was reported to live in a place other than a nursing home, <b>NACCNURP</b>=0. If the subject was reported to have permanently moved to a nursing home, and either discontinued follow-up at that time or still received annual visits and at all of those later visits was reported to live in a nursing home, <b>NACCNURP</b>=1. Although this variable is listed for all visits, it does not change across visits; it is cross-sectional.</p> <p>Please note that NACC is not always made immediately aware of a permanent move to a nursing home; therefore, this variable should be considered an estimate of the permanent nursing home status of UDS subjects.</p>

**NACCNRMO**

Variable type	NACC derived variable
Short descriptor	Month permanently moved to nursing home
Data type	Numeric cross-sectional
Allowable codes	1–12 88 = Not applicable, no permanent move to a nursing home 99 = Unknown
Description/derivation	This variable is derived using data from the Milestones Form and indicates the month the subject permanently moved to a nursing home.

**NACCNRDY**

Variable type	NACC derived variable
Short descriptor	Day permanently moved to nursing home
Data type	Numeric cross-sectional
Allowable codes	1–31 88 = Not applicable, no permanent move to a nursing home 99 = Unknown
Description/derivation	This variable is derived using data from the Milestones Form and indicates the day the subject permanently moved to a nursing home.

**NACCNRYR**

Variable type	NACC derived variable
Short descriptor	Year permanently moved to nursing home
Data type	Numeric cross-sectional
Allowable codes	2002 to present 8888 = Not applicable, no permanent move to a nursing home 9999 = Unknown
Description/derivation	This variable is derived using data from the Milestones Form and indicates the year the subject permanently moved to a nursing home.

**NACCMDSS**

Variable type	NACC derived variable
Short descriptor	Subject's status in the Minimum Data Set (MDS) and Uniform Data Set (UDS)
Data type	Numeric cross-sectional
Allowable codes	1 = In the UDS and MDS 2 = In the MDS only 3 = In the UDS only
Description/derivation	Data collection for the MDS ceased in 2005, at which point the UDS began. Thus, some subjects are included in both the MDS and the UDS. This variable is designed to identify subjects who started participation in the MDS and continued participation in the UDS, as well as participants who participated in the MDS only or who have participated in the UDS only.

**NACCPAFF**

Variable type	NACC derived variable
Short descriptor	Previously affiliated subject
Data type	Numeric cross-sectional
Allowable codes	0 = Not previously affiliated subject 1 = Previously affiliated subject
Description/derivation	This variable indicates whether the subject had "affiliated" status with the Center before entering the Clinical Core. Affiliated subjects are seen by Center staff and evaluated using the UDS forms but are not considered part of the Clinical Core.

## FORM T1: Inclusion Form

### TELCOV

Variable type	Original UDS question
Short descriptor	Is the UDS telephone visit protocol being used because the COVID pandemic precludes traditional in-person UDS visit?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			1e	
TF question no.		Not applic	Not applic	1e

### TELMOD

Variable type	Original UDS question
Short descriptor	What modality of communication was used to collect this remote UDS packet?
Data type	Numeric longitudinal
Allowable codes	1 = Telephone 2 = Video-assisted conference 3 = Some combination of the two -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			2	
TF question no.		Not applic	Not applic	2

## FORM A1: Subject Demographics

### NACCREAS

Variable type	NACC derived variable
Short descriptor	Primary reason for coming to ADC
Data type	Numeric cross-sectional
Allowable codes	<p>1=To participate in a research study</p> <p>2=To have a clinical evaluation</p> <p>7=Both to participate in a research study and to have a clinical evaluation, or another reason</p> <p>9=Unknown</p> <p>-4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that subjects reporting an “other” reason (Question 2=3) in v1–2 and subjects reporting “both to participate in a research study and to have a clinical evaluation or other reason” (Question 1=4) in v3 of the UDS will have <b>NACCREAS</b> =7. Also note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	1
FV question no.	Not applic	Not applic	Not applic
TI question no.			1
TF question no.		Not applic	Not applic

### NACCREFR

Variable type	NACC derived variable
Short descriptor	Principal referral source
Data type	Numeric cross-sectional
Allowable codes	<p>1=Non-professional contact: self/relative/friend</p> <p>2=Professional contact: clinician, nurse, doctor, other health care provider, or other staff (ADC and non-ADC)</p> <p>8=Other</p> <p>9=Unknown</p> <p>-4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Description/derivation: Note that subjects reporting self-referral, non-professional contact, or ADC participant referral (Question 2a=1, 2, or 3) in UDS v3 or subsequent versions will have <b>NACCREFR</b> =1; and those reporting “ADC clinician, staff, or investigator referral,” “Nurse, doctor, or other health care provider,” or “Other research study clinician/staff/investigator” (Question 2a=4, 5, or 6) will have naccrefr =2. Subjects reporting self/relative/friend (Question 3=1) in UDS v1.2 and 2.0 will have <b>NACCREFR</b> =1; those reporting clinician or clinic sample (Question 3=2 or 5) will have <b>NACCREFR</b> =2; and those reporting ADC solicitation, non-ADC study, population sample, or non-ADC media appeal (Question 3=3, 4, 6 or 7) will have <b>NACCREFR</b> =8.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	2a
FV question no.	Not applic	Not applic	Not applic
TI question no.			2a
TF question no.		Not applic	Not applic

**BIRTHMO**

Variable type Original UDS question  
 Short descriptor Subject's month of birth  
 Data type Numeric cross-sectional  
 Allowable codes 1–12

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a	7a	6a
FV question no.	1a	1a	1a
TI question no.			6a
TF question no.		1a	1a

**BIRTHYR**

Variable type Original UDS question  
 Short descriptor Subject's year of birth  
 Data type Numeric cross-sectional  
 Allowable codes 1875 to (current year minus 15)

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b	7b	6b
FV question no.	1b	1b	1b
TI question no.			6b
TF question no.		1b	1b

**SEX**

Variable type Original UDS question  
 Short descriptor Subject's sex  
 Data type Numeric cross-sectional  
 Allowable codes 1=Male  
 2=Female

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	7
FV question no.	2	2	3
TI question no.			7
TF question no.		2	3

**HISPANIC**

Variable type Original UDS question  
 Short descriptor Hispanic/Latino ethnicity  
 Data type Numeric cross-sectional  
 Allowable codes 0=No  
 1=Yes  
 9=Unknown  
 Description/derivation Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9A	9	8
FV question no.	Not applic	Not applic	Not applic
TI question no.			8
TF question no.		Not applic	Not applic

**HISPOR**

Variable type	Original UDS question
Short descriptor	Hispanic origins
Data type	Numeric cross-sectional
Allowable codes	1=Mexican, Chicano, or Mexican-American 2=Puerto Rican 3=Cuban 4=Dominican 5=Central American 6=South American 50=Other (specify) 88=Not applicable; subject is not Hispanic 99=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question.
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	9B	9A	8A
FV question no.	Not applic	Not applic	Not applic
TI question no.			8a
TF question no.		Not applic	Not applic

**HISPORX**

Variable type	Original UDS question
Short descriptor	Hispanic origins, other- specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an “other” Hispanic origin ( <b>HISPOR</b> =50) is reported then it will be listed here, otherwise it will be blank. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	9B1	9A1	8A1
FV question no.	Not applic	Not applic	Not applic
TI question no.			8A1
TF question no.		Not applic	Not applic

**RACE**

Variable type	Original UDS question
Short descriptor	Race
Data type	Numeric cross-sectional
Allowable codes	1=White 2=Black or African American 3=American Indian or Alaska Native 4=Native Hawaiian or Other Pacific Islander 5=Asian 50=Other (specify) 99=Unknown
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	10	10	9
FV question no.	Not applic	Not applic	Not applic
TI question no.			9
TF question no.		Not applic	Not applic

**RACEX**

Variable type	Original UDS question
Short descriptor	Race, other — specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an “other” race is reported ( <b>RACE</b> =50), then it will be listed here, otherwise it will be blank. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	10A	10A	9A
FV question no.	Not applic	Not applic	Not applic
TI question no.			9A
TF question no.		Not applic	Not applic

**RACESEC**

Variable type	Original UDS question
Short descriptor	Second race
Data type	Numeric cross-sectional
Allowable codes	1=White 2=Black or African American 3=American Indian or Alaska Native 4=Native Hawaiian or Other Pacific Islander 5=Asian 50=Other (specify) 88=None reported 99=Unknown
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	11	11	10
FV question no.	Not applic	Not applic	Not applic
TI question no.			10
TF question no.		Not applic	Not applic

**RACESECX**

Variable type	Original UDS question
Short descriptor	Second race, other- specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an “other” second race is reported ( <b>RACESEC</b> =50), then it will be listed here, otherwise it will be blank. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	11A	11A	10A
FV question no.	Not applic	Not applic	Not applic
TI question no.			10A
TF question no.		Not applic	Not applic

**RACETER**

Variable type	Original UDS question
Short descriptor	Third race
Data type	Numeric cross-sectional
Allowable codes	1=White 2=Black or African American 3=American Indian or Alaska Native 4=Native Hawaiian or Other Pacific Islander 5=Asian 50=Other (specify) 88=None reported 99=Unknown
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12	12	11
FV question no.	Not applic	Not applic	Not applic
TI question no.			11
TF question no.		Not applic	Not applic

**RACETERX**

Variable type	Original UDS question
Short descriptor	Third race, other- specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an “other” third race is reported ( <b>RACETER</b> =50), then it will be listed here, otherwise it will be blank. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12A	12A	11A
FV question no.	Not applic	Not applic	Not applic
TI question no.			11A
TF question no.		Not applic	Not applic

**PRIMLANG**

Variable type	Original UDS question
Short descriptor	Primary language
Data type	Numeric cross-sectional
Allowable codes	1=English 2=Spanish 3=Mandarin 4=Cantonese 5=Russian 6=Japanese 8=Other primary language (specify) 9=Unknown
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	13	13	12
FV question no.	Not applic	Not applic	Not applic
TI question no.			12
TF question no.		Not applic	Not applic

**PRIMLANX**

Variable type	Original UDS question
Short descriptor	Primary language, other- specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an “other” primary language is reported ( <b>PRIMLANG</b> =8), then it will be listed here, otherwise it will be blank. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	13A	13A	12A
FV question no.	Not applic	Not applic	Not applic
TI question no.			12A
TF question no.		Not applic	Not applic

**EDUC**

Variable type	Original UDS question
Short descriptor	Years of education
Data type	Numeric cross-sectional
Allowable codes	0 – 36 99=Unknown
Description/derivation	In general, 12 = high school or GRE, 16 = bachelor’s degree, 18 = master’s degree, 20 = doctorate. Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	14	14	13
FV question no.	Not applic	Not applic	Not applic
TI question no.			13
TF question no.		Not applic	Not applic

**MARISTAT**

Variable type	Original UDS question
Short descriptor	Marital status
Data type	Numeric longitudinal
Allowable codes	1=Married 2=Widowed 3=Divorced 4=Separated 5=Never married (or marriage was annulled) 6=Living as married/domestic partner 9=Other or unknown
Description/derivation	Note that in v1–2 there was an option for “other” status. These have been recoded to <b>MARISTAT</b> =9.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	19	19	14
FV question no.	7	7	2
TI question no.			14
TF question no.		7	2

**NACCLIVS**

Variable type	NACC derived variable
Short descriptor	Living situation
Data type	Numeric longitudinal
Allowable codes	1=Lives alone 2=Lives with spouse or partner 3=Lives with relative or friend 4=Lives with group 5=Other 9=Unknown

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	15	15	15
FV question no.	3	3	4
TI question no.			15
TF question no.		3	4

**INDEPEND**

Variable type	Original UDS question
Short descriptor	Level of independence
Data type	Numeric longitudinal
Allowable codes	1=Able to live independently 2=Requires some assistance with complex activities 3=Requires some assistance with basic activities 4=Completely dependent 9=Unknown

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	16	16	16
FV question no.	4	4	5
TI question no.			16
TF question no.		4	5

**RESIDENC**

Variable type	Original UDS question
Short descriptor	Type of residence
Data type	Numeric longitudinal
Allowable codes	1=Single- or multi-family private residence (apartment, condo, house) 2=Retirement community or independent group living 3=Assisted living, adult family home, or boarding home 4=Skilled nursing facility, nursing home, hospital, or hospice 9=Other or unknown
Description/derivation	Note that in v1–2 there was an option for “other” type of residence. These have been recoded to <b>RESIDENC</b> =9.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	17	17	17
FV question no.	5	5	6
TI question no.			17
TF question no.		5	6

**HANDED**

Variable type	Original UDS question
Short descriptor	Is the subject left- or right-handed?
Data type	Numeric cross-sectional
Allowable codes	1=Left-handed 2=Right-handed 3=Ambidextrous 9=Unknown
Description/derivation	Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	20	20	19
FV question no.	Not applic	Not applic	Not applic
TI question no.			19
TF question no.		Not applic	Not applic

**NACCAGE**

Variable type	NACC derived variable
Short descriptor	Subject's age at visit
Data type	Numeric longitudinal
Allowable codes	18–120
Description/derivation	Birth month and year are required elements in the UDS; however, birth day is not collected. To calculate age, birth day is set to 1 for all subjects and computed as visit date minus birth date.

**NACCAGEB**

Variable type	NACC derived variable
Short descriptor	Subject's age at initial visit
Data type	Numeric cross-sectional
Allowable codes	18–120
Description/derivation	Birth month and year are required elements in the UDS; however, birth day is not collected. To calculate <b>NACCAGEB</b> , birth day is set to 1 for all subjects. Baseline age is then computed as initial visit date minus birth date. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional.

**NACCNIHR**

Variable type	NACC derived variable
Short descriptor	Derived NIH race definitions
Data type	Numeric cross-sectional
Allowable codes	1=White 2=Black or African American 3=American Indian or Alaska Native 4=Native Hawaiian or Pacific Islander 5=Asian 6=Multiracial 99=Unknown or ambiguous

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
IV question no.	v1.2	v2.0	v3.0/3.2
IV question no.	10, 10A, 11, 11A, 12, 12A	10, 10A, 11, 11A, 12, 12A	9, 9A, 10, 10A, 11, 11A
FV question no.	Not applic	Not applic	Not applic
TI question no.			9, 9A, 10, 10A, 11, 11A
TF question no.		Not applic	Not applic

**Description/derivation** Some subjects have reported an “other” race that is not included in the NIH race categories (e.g., Hispanic or Irish). This NACC-derived race variable attempts to include these write-in values in order to be more consistent with the NIH guidelines for human subjects reporting. The categories are described as follows:

- NACCNIHR=1** for subjects with **RACE**=1 (White) or **RACE**=50 (Other) with a write-in response that is considered White or Caucasian race.
- NACCNIHR=2** for subjects with **RACE**=2 (Black or African American) or **RACE**=50 with a write-in response that is considered black or African American
- NACCNIHR=3** for subjects with **RACE**=3 (American Indian or Alaska Native) or **RACE**=50 with a write-in response that is considered American Indian or Alaska Native
- NACCNIHR=4** for subjects with **RACE**=4 (Native Hawaiian or Other Pacific Islander) or **RACE**=50 with a write-in response that is considered Native Hawaiian or Pacific Islander
- NACCNIHR=5** for subjects with **RACE**=5 (Asian) or **RACE**=50 with a write-in response that is considered Asian
- NACCNIHR=6** for subjects reporting multiple races or with **RACE**=50 and a write-in response indicating mixed race including, but not limited to, “multiracial,” “biracial,” and “mestizo”
- NACCNIHR=99** for subjects with **RACE**=99 (Unknown) or with **RACE**=50 and a write-in response that cannot be classified as one of the categories without additional information, including but not limited to, “Hispanic,” “American,” and “Unknown.”

Subjects reporting multiple races (Codes 1–5 for **RACE** and **RACESEC**, or for **RACE**, **RACESEC** and **RACETER**) are coded to **NACCNIHR=6** (Multiracial). For some multiracial subjects (**NACCNIHR=6**), additional information on their primary, secondary, and/or tertiary race can be found by looking at the **RACE**, **RACESEC**, and **RACETER** variables.

Subjects reporting codes 1–5 for **RACE**, followed by **RACESEC**=50 or **RACETER**=50, are assigned the original primary race reported if the write-in does not indicate a different race, or is ambiguous. For example, a subject that reports **RACE**=1 (white) and then **RACESEC**=50 (other) with a write-in of “Irish” will still have **NACCNIHR**=1 and will not be considered multi-racial. If write-ins for **RACESEC**=50 or **RACETER**=50 are indicative of an additional race, then **NACCNIHR**=6. Additionally, **RACE**=99 (unknown) or ambiguous write-ins for primary race (**RACE**=50) that are followed by codes 1–5 for **RACESEC** or **RACETER** are coded as **NACCNIHR**=99.

Note that although this variable is not collected at follow-up visits, the value from the initial visit will be shown at all follow-up visits.

## FORM A2: Co-participant Demographics

### INBIRMO

Variable type	Original UDS question
Short descriptor	Co-participant's month of birth
Data type	Numeric longitudinal
Allowable codes	1–12 99=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a	1a	1a
FV question no.	1a	1a	1a
TI question no.			1a
TF question no.		1a	1a

### INBIRYR

Variable type	Original UDS question
Short descriptor	Co-participant's year of birth
Data type	Numeric longitudinal
Allowable codes	1875 to (current year minus 15) 9999=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1b	1b	1b
FV question no.	1b	1b	1b
TI question no.			1b
TF question no.		1b	1b

### INSEX

Variable type	Original UDS question
Short descriptor	Co-participant's sex
Data type	Numeric longitudinal
Allowable codes	1=Male 2=Female -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			2
TF question no.		2	2

### NEWINF

Variable type	Original UDS question
Short descriptor	Is this a new co-participant — i.e., one who was not a co-participant at any past UDS visit?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	Not applic
FV question no.	3	3	3
TI question no.			Not applic
TF question no.		3	3

**INHISP**

Variable type	Original UDS question
Short descriptor	Co-participant Hispanic/Latino ethnicity
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a	3	3
FV question no.	4a	4	4
TI question no.			3
TF question no.		4	4

**INHISPOR**

Variable type	Original UDS question
Short descriptor	Co-participant's Hispanic origins
Data type	Numeric longitudinal
Allowable codes	1=Mexican, Chicano, or Mexican-American 2=Puerto Rican 3=Cuban 4=Dominican 5=Central American 6=South American 50=Other (specify) 88=Not applicable, co-participant is not Hispanic 99=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b	3a	3a
FV question no.	4b	4a	4a
TI question no.			3a
TF question no.		4a	4a

Description/derivation Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INHISPOX**

Variable type	Original UDS question
Short descriptor	Co-participant of Hispanic origins, other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b1	3a1	3a1
FV question no.	4b1	4a1	4a1
TI question no.			3a1
TF question no.		4a1	4a1

Description/derivation If another Hispanic origin is reported (**INHISPOR**=50), it will be listed here; otherwise, this variable will be blank.

Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRACE**

Variable type	Original UDS question
Short descriptor	Co-participant race
Data type	Numeric longitudinal
Allowable codes	1= White 2= Black or African American 3= American Indian or Alaska Native 4= Native Hawaiian or Other Pacific Islander 5= Asian 50=Other (specify) 99=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4	4	4
FV question no.	5	5	5
TI question no.			4
TF question no.		5	5

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRACEX**

Variable type	Original UDS question
Short descriptor	Co-participant race, other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another race is reported (INRACE=50), it will be listed here, otherwise, it will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4a	4a	4a
FV question no.	5a	5a	5a
TI question no.			4a
TF question no.		5a	5a

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRASEC**

Variable type	Original UDS question
Short descriptor	Co-participant second race
Data type	Numeric longitudinal
Allowable codes	1= White 2= Black or African American 3= American Indian or Alaska Native 4= Native Hawaiian or Other Pacific Islander 5= Asian 50=Other 88=None reported 99=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	5
FV question no.	6	6	6
TI question no.			5
TF question no.		6	6

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRASECX**

Variable type	Original UDS question
Short descriptor	Co-participant second race, other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a second race is reported ( <b>INRASEC</b> =50), it will be listed here, otherwise, it will be blank.

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5a	5a	5a
FV question no.	6a	6a	6a
TI question no.			5a
TF question no.		6a	6a

**INRATER**

Variable type	Original UDS question
Short descriptor	Co-participant third race
Data type	Numeric longitudinal
Allowable codes	1=White 2=Black or African American 3=American Indian or Alaska Native 4=Native Hawaiian or Other Pacific Islander 5=Asian 50=Other 88=None reported 99=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation: If a second race is reported (**INRASEC**=50), it will be listed here; otherwise, this variable will be blank.

Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	6
FV question no.	7	7	7
TI question no.			6
TF question no.		7	7

**INRATERX**

Variable type	Original UDS question
Short descriptor	Co-participant third race, other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a third race is reported ( <b>INRATER</b> =50), it will be listed here, otherwise, it will be blank.

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	6a
FV question no.	7a	7a	7a
TI question no.			6a
TF question no.		7a	7a

**INEDUC**

Variable type	Original UDS question
Short descriptor	Co-participant's years of education
Data type	Numeric longitudinal
Allowable codes	0–36 99=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7	7	7
FV question no.	8	8	8
TI question no.			7
TF question no.		8	8

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRELTO**

Variable type	Original UDS question
Short descriptor	Co-participant's relationship to subject
Data type	Numeric longitudinal
Allowable codes	1= Spouse, partner, or companion 2= Child 3= Sibling 4= Other relative 5= Friend, neighbor, or someone known through family, friends, work, or community 6= Paid caregiver, health care provider, or clinician 7= Other -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	8
FV question no.	9	9	9
TI question no.			8
TF question no.		9	9

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INRELOX**

Variable type	Original UDS question
Short descriptor	Co-participant relationship, other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another relationship is reported ( <b>INRELTO</b> =7), it will be listed here, otherwise, it will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8a	8a	Not applic
FV question no.	9a	9a	Not applic
TI question no.			Not applic
TF question no.		9a	Not applic

Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INKNOWN**

Variable type	Original UDS question
Short descriptor	How long has the co-participant known the subject?
Data type	Numeric longitudinal
Allowable codes	0–120 999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	8a
FV question no.	Not applic	Not applic	9a
TI question no.			8a
TF question no.		Not applic	9a

Description/derivation: Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

**INLIVWTH**

Variable type	Original UDS question
Short descriptor	Does the co-participant live with the subject?
Data type	Numeric longitudinal
Allowable codes	0= No 1= Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	9	9	9
FV question no.	10	10	10
TI question no.			9
TF question no.		10	10

**INVISITS**

Variable type	Original UDS question
Short descriptor	If no, approximate frequency of in-person visits?
Data type	Numeric longitudinal
Allowable codes	1= Daily 2= At least 3 times per week 3= Weekly 4= At least 3 times per month 5= Monthly 6= Less than once a month 8= Not applicable, co-participant lives with subject -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	9a	9a	9a
FV question no.	10a	10a	10a
TI question no.			9a
TF question no.		10a	10a

**INCALLS**

Variable type	Original UDS question
Short descriptor	If no, approximate frequency of telephone contact?
Data type	Numeric longitudinal
Allowable codes	<p>1= Daily      2= At least 3 times per week      3= Weekly      4= At least 3 times per month      5= Monthly      6= Less than once a month      8= Not applicable, co-participant lives with subject      -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9b	9b	9b
FV question no.	10b	10b	10b
TI question no.			9b
TF question no.		10b	10b

**INRELY**

Variable type	Original UDS question
Short descriptor	Is there a question about the co-participant's reliability?
Data type	Numeric longitudinal
Allowable codes	<p>0= No      1= Yes      -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10	10	10
FV question no.	11	11	11
TI question no.			10
TF question no.		11	11

**NACCNINR**

Variable type	NACC derived variable
Short descriptor	Derived NIH race definitions
Data type	Numeric longitudinal
Allowable codes	<p>1= White      2= Black or African American      3= American Indian or Alaska Native      4= Native Hawaiian or Pacific Islander      5= Asian      6= Multiracial      99=Unknown or ambiguous      -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation Some co-participants have reported an “other” race that is not included in the NIH race categories (e.g., Hispanic or Irish). This NACC-derived race variable attempts to include these write-in values in order to be more consistent with the NIH guidelines for human subjects reporting. The categories are described as follows:

- NACCNINR = 1** for co-participants with **INRACE** = 1 (White) or **INRACE** = 50 (Other) with a write-in response that is considered White or Caucasian race.
- NACCNINR = 2** for co-participants with **INRACE** = 2 (Black or African American) or **INRACE** = 50 with a write-in response that is considered black or African American
- NACCNINR = 3** for co-participants with **INRACE** = 3 (American Indian or Alaska Native) or **INRACE** = 50 with a write-in response that is considered American Indian or Alaska Native
- NACCNINR = 4** for co-participants with **INRACE** = 4 (Native Hawaiian or Other Pacific Islander) or **INRACE** = 50 with a write-in response that is considered Native Hawaiian or Pacific Islander
- NACCNINR = 5** for co-participants with **INRACE** = 5 (Asian) or **INRACE** = 50 with a write-in response that is considered Asian
- NACCNINR = 6** for co-participants reporting multiple races or with **INRACE** = 50 and a write-in response indicating mixed race including, but not limited to, “multiracial,” “biracial,” and “mestizo”
- NACCNINR = 99** for co-participants with **INRACE** = 99 (Unknown) or with **INRACE** = 50 and a write-in response that cannot be classified as one of the categories without additional information, including but not limited to, “Hispanic,” “American,” and “Unknown.”

Co-participants reporting multiple races (Codes 1–5 for **INRACE** and **INRASEC**, or for **INRACE**, **INRASEC** and **INRATER**) are coded to **NACCNINR**=6 (Multiracial). For some multiracial co-participants (**NACCNINR**=6), additional information on their primary, secondary, and/or tertiary race can be found by looking at the **INRACE**, **INRASEC**, and **INRATER** variables.

Co-participants reporting codes 1–5 for **INRACE**, followed by **INRASEC**=50 or **INRATER**=50, are assigned the original primary race reported if the write-in does not indicate a different race, or is ambiguous. For example, a co-participant that reports **INRACE**=1 (white) and then **INRASEC**=50 (other) with a write-in of “Irish” will still have **NACCNINR**=1 and will not be considered multi-racial. If write-ins for **INRASEC**=50 or **INRATER**=50 are indicative of an additional race, then **NACCNINR**=6. Additionally, **INRACE**=99 (unknown) or ambiguous write-ins for primary race (**INRACE**=50) that are followed by codes 1–5 for **INRASEC** or **INRATER** are coded as **NACCNINR**=99.

Note that if there is no change in co-participant at a follow-up visit, the co-participant data from a previous visit (visit where reported) will be carried forward to the current visit.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	4, 4a, 5, 5a, 6, 6a	4, 4a, 5, 5a, 6, 6a	4, 4a, 5, 5a, 6, 6a
FV question no.	5, 5a, 6, 6a, 7, 7a	5, 5a, 6, 6a, 7, 7a	5, 5a, 6, 6a, 7, 7a
TI question no.			4, 4a, 5, 5a, 6, 6a
TF question no.		5, 5a, 6, 6a, 7, 7a	5, 5a, 6, 6a, 7, 7a

## FORM A3: Subject Family History

### NACCFAM

Variable type	NACC derived variable
Short descriptor	Indicator of first-degree family member with cognitive impairment
Data type	Numeric cross-sectional
Allowable codes	0 = No report of a first-degree family member with cognitive impairment 1 = Report of at least one first-degree family member with cognitive impairment 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

#### Description/derivation

**UDS Form A3 version 1 – 2, submitted at all available visits:** Subjects reporting at least one parent, sibling, or child with dementia at any visit will have **NACCFAM**=1. Subjects who report no first-degree family members with dementia at all visits where Form A3 is submitted will have **NACCFAM**=0.

**UDS Form A3 version 3.0 or subsequent versions, submitted at all available visits:** If at least one parent, sibling, or child is reported to have both a primary neurological problem/psychiatric condition of cognitive impairment/behavior change (coded as 1) and one of the primary diagnosis codes listed below at any visit, then **NACCFAM**=1. Subjects who report all first-degree family members as having a family history absent of cognitive impairment/psychiatric condition (primary neurological problem/psychiatric condition coded as 2–8) or a primary neurological problem/psychiatric condition is reported (coded as 1), but a code other than those listed below is reported, will have **NACCFAM**=0.

For subjects with Form A3 data from multiple form versions, all available data will be included in the calculation of **NACCFAM**. For example, if a family history of cognitive impairment is indicated on Form A3 using v3.0 but not on a previous version using v1–2, the subject will still have **NACCFAM**=1.

Those with a submitted Form A3 (any version) who are missing data on all first-degree family members are coded as Unknown (**NACCFAM**=9). If some first-degree family members are coded as No and some are coded as Unknown, then they are all coded as Unknown (**NACCFAM**=9).

In general, a known history of cognitive impairment reported at any visit supersedes all visits with missing codes. Likewise, an indication of cognitive impairment at any visit supersedes all other visits where a history of cognitive impairment is indicated as not present. In all other conditions where reporting varies, data from the most recent visit are used to calculate **NACCFAM**.

If Form A3 was never submitted for any version of the UDS, **NACCFAM** will take a value of -4. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional.

**Primary diagnosis codes:**

040 = Mild cognitive impairment (MCI), not otherwise specified	240 = Stroke
041 = MCI — amnestic, single domain	260 = Traumatic brain injury
042 = MCI — amnestic, multiple domain	310 = Amyotrophic lateral sclerosis
043 = MCI — nonamnestic, single domain	999 = Specific diagnosis unknown
044 = MCI — nonamnestic, multiple domain	400 = Alzheimer's disease neuropathology
050 = Alzheimer's disease dementia	410 = Lewy body disease neuropathology
070 = Dementia with Lewy bodies	421 = Hemorrhage(s) neuropathology
080 = Vascular cognitive impairment or dementia	422 = Other cerebrovascular disease neuropathology
100 = Impairment due to alcohol abuse	430 = ALS/MND neuropathology
110 = Dementia of undetermined etiology	431 = FTD with Tau pathology — Pick's disease
120 = Behavioral variant frontotemporal dementia	432 = FTD with Tau pathology — CBD
130 = Primary progressive aphasia, semantic variant	433 = FTD with Tau pathology — PSP
131 = Primary progressive aphasia, nonfluent/agrammatic variant	434 = FTD with Tau pathology — argyrophilic grains
132 = Primary progressive aphasia, logopenic variant	435 = FTD with Tau pathology — other
133 = Primary progressive aphasia, not otherwise specified	436 = FTD with TDP-43
140 = Clinical progressive supranuclear palsy	439 = FTD other (FTLD-FUS, FTLD-UPS, FTLD NOS)
150 = Clinical corticobasal syndrome/corticobasal degeneration	440 = Hippocampal sclerosis
170 = Clinical prion disease	450 = Prion disease neuropathology
230 = Parkinson's disease	490 = Other neuropathologic diagnosis not listed above

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	1, 2, 5, 7	1D, 2D, 5D1 ... 5D20, 7D1 ... 7D15	5a4, 5a5, 5b4, 5b5, 6a4, 6a5 ... 6t4, 6t5, 7a4, 7a5 ... 7t4, 7t5
FV question no.	1, 2, 5, 7	1D, 2D, 5D1 ... 5D20, 7D1 ... 7D15	5a4, 5a5, 5b4, 5b5, 6a4, 6a5 ... 6t4, 6t5, 7a4, 7a5 ... 7t4, 7t5
TI question no.			5a4, 5a5, 5b4, 5b5, 6a4, 6a5 ... 6t4, 6t5, 7a4, 7a5 ... 7t4, 7t5
TF question no.		1D, 2D, 5D1 ... 5D20, 7D1 ... 7D15	5a4, 5a5, 5b4, 5b5, 6a4, 6a5 ... 6t4, 6t5, 7a4, 7a5 ... 7t4, 7t5

## NACCMOM

Variable type	NACC derived variable
Short descriptor	Indicator of mother with cognitive impairment
Data type	Numeric cross-sectional
Allowable codes	<p>0 = No report of mother with cognitive impairment</p> <p>1 = Mother was reported to have cognitive impairment</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

### Description/derivation

If the subject's mother is reported to have dementia in UDS v1.2 or v2.0 (Question 1d=1) at any visit then **NACCMOM**=1. If the subject's mother is reported not to have dementia (Question 1d=0) at all visits where Form A3 was submitted, then **NACCMOM**=0.

Similarly, if on Form A3 of UDS v3.0 or subsequent versions, the subject's mother is reported to have a primary neurological problem/psychiatric condition noted as "Cognitive impairment/behavior change" (Question 5a4=1) and one of the primary diagnosis codes below at any visit, then **NACCMOM**=1. If the subject's mother is reported as having a history absent of cognitive impairment/psychiatric condition (primary neurological problem/psychiatric condition coded as 2-8) or a primary neurological problem/psychiatric condition is reported (coded as 1) but a code other than those listed below is reported, then **NACCMOM**=0.

Those with a submitted Form A3 (any version) who are missing necessary data are coded as unknown (**NACCMOM**=9).

For subjects with Form A3 data from multiple form versions, all available data will be included in the calculation of **NACCMOM**. For example, if a family history of cognitive impairment is indicated on Form A3 using v3.0 but not on a previous version using v1-2, the subject will still have **NACCMOM**=1.

In general, known cognitive impairment history reported at any visit supersedes all visits with missing codes, and an indication of cognitive impairment at any visit supersedes all other visits where a history of cognitive impairment is indicated as not present. In all other conditions where reporting varies, data from the most recent visit are used to calculate **NACCMOM**.

If Form A3 was never submitted for any version of the UDS, **NACCMOM** will take a value of -4. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional.

### Primary diagnosis codes:

040 = Mild cognitive impairment (MCI), not otherwise specified	240 = Stroke
041 = MCI — amnestic, single domain	260 = Traumatic brain injury
042 = MCI — amnestic, multiple domain	310 = Amyotrophic lateral sclerosis
043 = MCI — nonamnestic, single domain	999 = Specific diagnosis unknown
044 = MCI — nonamnestic, multiple domain	400 = Alzheimer's disease neuropathology
050 = Alzheimer's disease dementia	410 = Lewy body disease neuropathology
070 = Dementia with Lewy bodies	421 = Hemorrhage(s) neuropathology
080 = Vascular cognitive impairment or dementia	422 = Other cerebrovascular disease neuropathology
100 = Impairment due to alcohol abuse	430 = ALS/MND neuropathology
110 = Dementia of undetermined etiology	431 = FTD with Tau pathology — Pick's disease
120 = Behavioral variant frontotemporal dementia	432 = FTD with Tau pathology — CBD
130 = Primary progressive aphasia, semantic variant	433 = FTD with Tau pathology — PSP
131 = Primary progressive aphasia, nonfluent/agrammatic variant	434 = FTD with Tau pathology — argyrophilic grains
132 = Primary progressive aphasia, logopenic variant	435 = FTD with Tau pathology — other
133 = Primary progressive aphasia, not otherwise specified	436 = FTD with TDP-43
140 = Clinical progressive supranuclear palsy	439 = FTD other (FTLD-FUS, FTLD-UPS, FTLD NOS)
150 = Clinical corticobasal syndrome/corticobasal degeneration	440 = Hippocampal sclerosis
170 = Clinical prion disease	450 = Prion disease neuropathology
230 = Parkinson's disease	490 = Other neuropathologic diagnosis not listed above

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1D	5a4, 5a5
FV question no.	1	1D	5a4, 5a5
TI question no.			5a4, 5a5
TF question no.		1D	5a4, 5a5

**NACCDAD**

Variable type	NACC derived variable
Short descriptor	Indicator of father with cognitive impairment
Data type	Numeric cross-sectional
Allowable codes	<p>0 = No report of father with cognitive impairment</p> <p>1 = Father was reported to have cognitive impairment</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2D	5b4, 5b5
FV question no.	2	2D	5b4, 5b5
TI question no.			5b4, 5b5
TF question no.		2D	5b4, 5b5

**Description/derivation**

If the subject's father is reported to have dementia (Question 2d=1) in UDS v1.2 or v2.0 at any visit then **NACCDAD**=1. If the subject's father is reported not to have dementia (Question 2d=0) at all visits where Form A3 was submitted, then **NACCDAD**=0.

Similarly, if on Form A3 of UDS v3.0 or subsequent versions, the subject's father is reported to have a primary neurological problem/psychiatric condition noted as "Cognitive impairment/behavior change" and one of the primary diagnosis codes below at any visit, then **NACCDAD**=1. If the subject's father is reported as having a history absent of cognitive impairment/psychiatric condition (primary neurological problem/psychiatric condition coded as 2–8) or a primary neurological problem/psychiatric condition is reported (coded as 1) but a code other than those listed below is reported, then **NACCDAD**=0.

Those with a submitted Form A3 (any version) who are missing necessary data are coded as unknown (**NACCDAD**=9).

For subjects with Form A3 data from multiple form versions, all available data will be included in the calculation of **NACCDAD**. For example, if a family history of cognitive impairment is indicated on Form A3 using v3.0 but not on a previous version using v1-2, the subject will still have **NACCDAD**=1.

In general, known cognitive impairment history reported at any visit supersedes all visits with missing codes, and an indication of cognitive impairment at any visit supersedes all other visits where a history of cognitive impairment is indicated as not present. In all other conditions where reporting varies, data from the most recent visit are used to calculate **NACCDAD**.

If Form A3 was never submitted for any version of the UDS, **NACCDAD** will take a value of -4. Note that although this variable is listed for all visits, it does not change across visits; it is cross-sectional.

### Primary diagnosis codes:

040 = Mild cognitive impairment (MCI), not otherwise specified  
 041 = MCI — amnestic, single domain  
 042 = MCI — amnestic, multiple domain  
 043 = MCI — nonamnestic, single domain  
 044 = MCI — nonamnestic, multiple domain  
 050 = Alzheimer's disease dementia  
 070 = Dementia with Lewy bodies  
 080 = Vascular cognitive impairment or dementia  
 100 = Impairment due to alcohol abuse  
 110 = Dementia of undetermined etiology  
 120 = Behavioral variant frontotemporal dementia  
 130 = Primary progressive aphasia, semantic variant  
 131 = Primary progressive aphasia, nonfluent/agrammatic variant  
 132 = Primary progressive aphasia, logopenic variant  
 133 = Primary progressive aphasia, not otherwise specified  
 140 = Clinical progressive supranuclear palsy  
 150 = Clinical corticobasal syndrome/corticobasal degeneration  
 170 = Clinical prion disease  
 230 = Parkinson's disease

240 = Stroke  
 260 = Traumatic brain injury  
 310 = Amyotrophic lateral sclerosis  
 999 = Specific diagnosis unknown  
 400 = Alzheimer's disease neuropathology  
 410 = Lewy body disease neuropathology  
 421 = Hemorrhage(s) neuropathology  
 422 = Other cerebrovascular disease neuropathology  
 430 = ALS/MND neuropathology  
 431 = FTD with Tau pathology — Pick's disease  
 432 = FTD with Tau pathology — CBD  
 433 = FTD with Tau pathology — PSP  
 434 = FTD with Tau pathology — argyrophilic grains  
 435 = FTD with Tau pathology — other  
 436 = FTD with TDP-43  
 439 = FTD other (FTLD-FUS, FTLD-UPS, FTLD NOS)  
 440 = Hippocampal sclerosis  
 450 = Prion disease neuropathology  
 490 = Other neuropathologic diagnosis not listed above

### NACCFADM

Variable type	NACC derived variable
Short descriptor	In this family, is there evidence of a dominantly inherited AD mutation?
Data type	Numeric cross-sectional
Allowable codes	0 = No/unknown 1 = Yes
Description/derivation	This derived variable combines data across all visits from UDS v3.0 and subsequent versions. If the subject reported evidence of an AD mutation in their family at any visit (Form A3 Question 2a=1-3, 8) then the presence will be indicated in <b>NACCFADM</b> .

### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a
FV question no.	Not applic	Not applic	2a
TI question no.			2a
TF question no.		Not applic	2a

## NACCAM

Variable type	NACC derived variable
Short descriptor	In this family, is there evidence for an AD mutation (from list of specific mutations)?
Data type	Numeric cross-sectional
Allowable codes	<p>0 = No          1 = Yes, APP          2 = Yes, PS-1 (PSEN-1)          3 = Yes, PS-2 (PSEN-2)          8 = Yes, other (specify)          9 = Unknown whether mutation exists          -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	This derived variable combines data across all visits from UDS v3.0 and subsequent versions. If the subject reported a mutation at any visit (Question 2a=1, 2, 3, or 8), then the mutation will be indicated in <b>NACCAM</b> variable using the same number code. If the subject reported no AD mutation present (Question 2a=0 for at least one UDS visit and all other visits Question 2a=9 or not reported) then <b>NACCAM</b> =0. If it is unknown whether a mutation exists at all visits (Question 2a=9 or Question 2a =blank/missing due to skip pattern), then <b>NACCAM</b> =9. If Form A3 was not submitted or subjects were not assessed using UDS v3 or subsequent versions, <b>NACCAM</b> = -4

### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a
FV question no.	Not applic	Not applic	2a
TI question no.			2a
TF question no.		Not applic	2a

## NACCAMX

Variable type	NACC derived variable
Short descriptor	If yes, Other (specify)
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an AD mutation other than APP, PSEN-1, or PSEN-2 is reported at any visit ( <b>NACCAM</b> =8), it will be listed here; otherwise, this variable will be blank.

### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a1
FV question no.	Not applic	Not applic	2a1
TI question no.			2a1
TF question no.		Not applic	2a1

## NACCAMS

Variable type	NACC derived variable
Short descriptor	Source of evidence for AD mutation
Data type	Numeric cross-sectional
Allowable codes	<p>1 = Family report (no test documentation available)          2 = Commercial test documentation          3 = Research lab test documentation          8 = Other (specify)          9 = Unknown          -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2b
FV question no.	Not applic	Not applic	2b
TI question no.			2b
TF question no.		Not applic	2b

Description/derivation This derived variable combines data across all visits from UDS v3.0 and subsequent versions. If the subject reported a source of evidence for AD mutation at any visit (Question 2b=1–8), then the source will be indicated in **NACCAMS** using the same number code. If the source of evidence for the AD mutation is unknown at all visits (Question 2b=9), then **NACCAMS**=9. If a mutation is not reported (**NACCAM**=0), then **NACCAMS**= -4. If Form A3 was not submitted or the subject was not assessed using UDS v3 or subsequent versions, **NACCAMS**= -4.

### NACCAMSX

Variable type	NACC derived variable
Short descriptor	If other, specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If a source of evidence of the AD mutation other than family report or documentation via commercial or research lab test is reported at any visit ( <b>NACCAMS</b> =8), it will be listed here; otherwise, this variable will be blank.

#### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2b1
FV question no.	Not applic	Not applic	2b1
TI question no.			2b1
TF question no.		Not applic	2b1

### NACCFTD

Variable type	NACC derived variable
Short descriptor	In this family, is there evidence for an FTLD mutation?
Data type	Numeric cross-sectional
Allowable codes	0 = No/unknown 1 = Yes
Description/derivation	This derived variable combines data across all visits from UDS v3 and subsequent versions and FTLD Module v2 visits, if available. If the subject reported evidence of an FTLD mutation in their family at any visit (UDS Form A3 Question 3a=1–4, 8 or FTLD Form A3F Question 1b=1) then the presence will be indicated in <b>NACCFTD</b> .

#### DATA SOURCE

Uniform Data Set (UDS)				FTLD
Form, version	v1.2	v2.0	v3.0/3.2	v2.0
IV question no.	Not applic	Not applic	3a	1b
FV question no.	Not applic	Not applic	3a	
TI question no.			3a	
TF question no.		Not applic	3a	

### NACCFM

Variable type	NACC derived variable
Short descriptor	In this family, is there evidence for an FTLD mutation (from list of specific mutations)?
Data type	Numeric cross-sectional
Allowable codes	0 = No 1 = Yes, MAPT 2 = Yes, PGRN 3 = Yes, C9orf72 4 = Yes, FUS 8 = Yes, Other (specify) 9 = Unknown whether mutation exists -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

#### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3a
FV question no.	Not applic	Not applic	3a
TI question no.			3a
TF question no.		Not applic	3a

Description/derivation This derived variable combines data across all visits from UDS v3 and subsequent versions. If the subject reported a mutation at any visit (Question 3a=1– 8), then the mutation will be indicated in **NACCFM** using the same number code. If the subject reported no FTLD mutation present (Question 3a=0) for at least one UDS visit, and for all other visits Question 3a=9 or not reported) then **NACCFM**=0. If it is unknown whether a mutation exists at all visits (Question 3a=9 or Question 3a=blank/missing due to skip pattern), then **NACCFM**=9. If Form A3 was not submitted or subjects were not assessed using UDS v3 or subsequent versions, **NACCFM**= -4.

#### NACCFMX

Variable type	NACC derived variable
Short descriptor	If yes, Other (specify)
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If an FTLD mutation other than MAPT, PGRN, C9orf72, or FUS is reported at any visit ( <b>NACCFM</b> =8), it will be listed here; otherwise, this variable will be blank.

#### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3a1
FV question no.	Not applic	Not applic	3a1
TI question no.			3a1
TF question no.		Not applic	3a1

#### NACCFMS

Variable type	NACC derived variable
Short descriptor	Source of evidence for FTLD mutation
Data type	Numeric cross-sectional
Allowable codes	1 = Family report (no test documentation available) 2 = Commercial test documentation 3 = Research lab test documentation 8 = Other (specify) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question.

#### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3b
FV question no.	Not applic	Not applic	3b
TI question no.			3b
TF question no.		Not applic	3b

Description/derivation This derived variable combines data across all visits from UDS v3 and subsequent versions. If the subject reported a source of evidence or AD mutation at any visit (Question 3b=1– 8), then the source will be indicated in **NACCFMS** using the same number code. If the source of evidence for the FTLD mutation is unknown at all visits (Question 3b=9), then **NACCFMS**=9. If a mutation is not reported (**NACCFM**=0) then **NACCFMS**= -4. If Form A3 was not submitted or the subject was not assessed using UDS v3 or subsequent verions, **NACCFMS**= -4.

#### NACCFMSX

Variable type	NACC derived variable
Short descriptor	If other, specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If a source of evidence of the FTLD mutation other than family report or documentation via commercial or research lab test is reported at any visit ( <b>NACCFMS</b> =8), it will be listed here; otherwise, this variable will be blank.

#### DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3b1
FV question no.	Not applic	Not applic	3b1
TI question no.			3b1
TF question no.		Not applic	3b1

**NACCOM**

Variable type	NACC derived variable	DATA SOURCE		
Short descriptor	In this family, is there evidence for a mutation other than an AD or FTLD mutation?			
Data type	Numeric cross-sectional			
Allowable codes	0 = No 1 = Yes (specify) 9 = Unknown whether mutation exists -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question			
Description/derivation	This derived variable combines data across all visits from UDS v3 and subsequent versions. If the subject reported a mutation other than an AD or FTLD mutation at any visit (Question 4a=1), then <b>NACCOM</b> =1. If the subject reported no other mutation present (Question 4a=0 for at least one UDS visit and all other visits Question 4a=9 or not reported) then <b>NACCOM</b> =0. If it is unknown whether another mutation exists at all visits (Question 4a = 9 or Question 4a=blank/missing due to skip pattern), then <b>NACCOM</b> =9. If Form A3 was not submitted or the subject was not assessed using UDS v3 or subsequent versions, then <b>NACCOM</b> = -4.			

**NACCOMX**

Variable type	NACC derived variable
Short descriptor	Specified other mutation
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If a mutation is reported at any visit ( <b>NACCOM</b> = 1), it will be listed here; otherwise, this variable will be blank.

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4a
FV question no.	Not applic	Not applic	4a
TI question no.			4a
TF question no.		Not applic	4a

**NACCOMS**

Variable type	NACC derived variable	DATA SOURCE		
Short descriptor	Source of evidence for other mutation			
Data type	Numeric cross-sectional			
Allowable codes	1 = Family report (no test documentation available) 2 = Commercial test documentation 3 = Research lab test documentation 8 = Other (specify) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question.			
Description/derivation	This derived variable combines data across all visits from UDS v3 and subsequent versions. If the subject reported a source of evidence for the other mutation at any visit (Question 4b = 1–8), then the source will be indicated in the derived variable using the same number code. If the source of evidence for the other mutation is unknown at all visits (Question 4b=9), then <b>NACCOMS</b> =9. If a mutation is not reported ( <b>NACCOM</b> =0) then <b>NACCOMS</b> = -4. If Form A3 was not submitted or the subject was not assessed using UDS v3 or subsequent versions, then <b>NACCOMS</b> = -4.			

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4a1
FV question no.	Not applic	Not applic	4a1
TI question no.			4a1
TF question no.		Not applic	4a1

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4b
FV question no.	Not applic	Not applic	4b
TI question no.			4b
TF question no.		Not applic	4b

**NACCOMSX**

Variable type	NACC derived variable
Short descriptor	If other, specify
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If a mutation is reported at any visit ( <b>NACCOMS</b> = 8), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4b1
FV question no.	Not applic	Not applic	4b1
TI question no.			4b1
TF question no.		Not applic	4b1

## FORM A4: Subject Medications

### ANYMEDS

Variable type	Original UDS question
Short descriptor	Subject taking any medications
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Did not complete medications form
Description/derivation	If the medications form was not completed, then ANYMEDS = -4.

### DRUG1 – DRUG40

Variable type	Original UDS question
Short descriptor	Name of medications used within two weeks of UDS visit
Data type	Character longitudinal
Allowable codes	Name of medication
Description/derivation	If use of a specific medication was reported, it will be listed here, otherwise, it will be blank. Up to 40 medications can be reported at each visit, thus there are 40 columns of DRUG.

Be sure to use these variables in conjunction with the variable ANYMEDS, as this is the only way to determine if medication data were submitted to NACC for that UDS visit (ANYMEDS = -4 indicates form not submitted). Note that Drug IDs can only be provided to ADC-affiliated investigators; all other investigators will receive medications by name or category as described in the NACC calculated summary variables.

### NACCAMD

Variable type	NACC derived variable
Short descriptor	Total number of medications reported at each visit
Data type	Numeric longitudinal
Allowable codes	0–40 -4=Did not complete medications form
Description/derivation	This variable provides the total number of medications reported at a visit including all prescription and over the counter medications reported on UDS Form A4 at a single visit. If the medications form was not completed, then NACCAMD = -4.

### NACCAHTN

Variable type	NACC derived variable
Short descriptor	Reported current use of any type of an antihypertensive or blood pressure medication
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable is an indicator of reported current use of an antiadrenergic agent, ACE inhibitor, beta-blocker, calcium channel blocking agent, diuretic, vasodilator, antihypertensive combination therapy or angiotensin II inhibitor. All of the medications used to code NACCACEI, NACCAAAS, NACCBETA, NACCCBS, NACCDIUR, NACCVASD, NACCHTNC, or NACCANGI are included in this category.

## NACCHNC

Variable type	NACC derived variable
Short descriptor	Reported current use of an antihypertensive combination therapy
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an antihypertensive combination medication. The following medications are included in this category:

Drug name	Example brand names
hydrochlorothiazide-triamterene	Dyazide, Hydrochlorothiazide-Triamterene, Maxzide, Maxzide-25
aMILoride-hydrochlorothiazide	Moduretic 5-50, AMILoride HCl-Hydrochlorothiazide
hydrochlorothiazide-spironolactone	Aldactazide, Hydrochlorothiazide-SpiroNolactone, SpiroNolactone Plus
polythiazide-reserpine	Renese-R, Demi-Regroton, Regroton
chlorothiazide-reserpine	Chlorothiazide-Reserpine, Diupres-250, Diupres-500
hydrochlorothiazide-reserpine	Hydro-Reserp, Hydrochlorothiazide-Reserpine, Hydropres-25, Hydropres-50, Hydroserp, Hydroserpine, Hydroserpine #1, Salutensin, Mallopress, Salutensin-Demi
methyclothiazide-reserpine	Diutensen-R
reserpine-trichlormethiazide	Metatensin #2, Metatensin #4
bendroflumethiazide-rauwolfia serpentina	Bendroflumethiazide-Rauwolfia Serp, Flumezide, Rauzide, Rondameth
hydrALAZINE/hydrochlorothiazide/reserpine	Diuretic Ap-Es, HHR, HydrALAZINE HCl/Hydrochlorothiazid, Hydrap-ES, Marpres, Ser-Ap-Es, Serathide, Serpazide, Serpex, Tri-Hydroserpine, Uni Serp, Unipres
hydrALAZINE-hydrochlorothiazide	Apresazide, HydrALAZINE HCl-Hydrochlorothiazid, HydrALAZINE Plus, Hydra-Zide
atenolol-chlorthalidone	Atenolol-Chlorthalidone, Tenoretic 100, Tenoretic 50
bendroflumethiazide-nadolol	Bendroflumethiazide-Nadolol, Corzide 40/5, Corzide 80/5
hydrochlorothiazide-timolol	Timolide 10-25
hydrochlorothiazide-propranolol	Hydrochlorothiazide-Propranolol, Inderide, Inderide :A
hydrochlorothiazide-methyldopa	Aldoril 15, Aldoril 25, Aldoril D30, Aldoril D50, Hydrochlorothiazide-Methyldopa, Hydrochlorothiazide-Metoprolol, Lopressor HCT
benazepril-hydrochlorothiazide	Lotensin HCT, Benazepril-Hydrochlorothiazide
hydrochlorothiazide-lisinopril	Prinzide, Zestoretic, Hydrochlorothiazide-Lisinopril
chlorthalidone-cloNIDine	Chlorthalidone-CloNIDine, Clorpres, Combipres
polythiazide-prazosin	Minizide
guanethidine-hydrochlorothiazide	Esimil
deserpentine-methyclothiazide	Enduronyl, Enduronyl Forte
deserpentine-hydrochlorothiazide	Oreticyl 25, Oreticyl 50, Oreticyl Forte
captopril-hydrochlorothiazide	Capozide 25/15, Capozide 25/25, Capozide 50/15, Capozide 50/25, Captopril-Hydrochlorothiazide
enalapril-hydrochlorothiazide	Enalapril-Hydrochlorothiazide, Vaseretic 10-25, Vaseretic 5-12.5
bisoprolol-hydrochlorothiazide	Ziac, Bisoprolol-Hydrochlorothiazide
chlorothiazide-methyldopa	Aldoclor-150, Aldoclor-250, Chlorothiazide-Methyldopa
amLODIPine-benazepril	Lotrel, AmLODIPine Besylate-Benazepril Hyd
hydrochlorothiazide-losartan	Hyzaar, Hydrochlorothiazide-Losartan
diltiazem-enalapril	Teczem
trandolapril-verapamil	Tarka, Trandolapril-Verapamil Hydrochlori
enalapril-felodipine	Lexxel
hydrochlorothiazide-moexipril	Uniretic, Hydrochlorothiazide-Moexipril Hydr

hydrochlorothiazide-irbesartan	Avalide
hydrochlorothiazide-valsartan	Diovan HCT
hydrochlorothiazide-quinapril	Accuretic, Quinaretic, Hydrochlorothiazide-Quinapril Hydr
fosinopril-hydrochlorothiazide	Fosinopril-Hydrochlorothiazide, Monopril HCT
candesartan-hydrochlorothiazide	Atacand HCT
hydrochlorothiazide-telmisartan	Micardis HCT
eprosartan-hydrochlorothiazide	Teveten HCT
hydrochlorothiazide-olmesartan	Benicar HCT
amLODIPine-atorvastatin	Amlodipine Besylate-Atorvastatin
hydrALAZINE-isosorbide dinitrate	BiDil
amLODIPine-valsartan	Exforge
amLODIPine-olmesartan	Azor
aliskiren-hydrochlorothiazide	Tekturna HCT
amLODIPine/hydrochlorothiazide/valsartan	Exforge HCT
aliskiren-valsartan	Valturna
amLODIPine-telmisartan	Twynsta
amLODIPine/hydrochlorothiazide/olmesartan	Tribenzor
aliskiren-amLODIPine	Tekamlo
aliskiren/amLODIPine/hydrochlorothiazide	Amturnide

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

#### NACCACEI

Variable type	NACC derived variable
Short descriptor	Reported current use of an angiotensin converting enzyme (ACE) inhibitor
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an ACE inhibitor. The following medications are included in this category:

Drug name	Example brand names
captopril	Capoten, Captopril
enalapril	Enalapril Maleate, Enalaprilat, Vasotec
fosinopril	Fosinopril Sodium, Monopril
quinapril	Accupril, Quinapril Hydrochloride
ramipril	Altace, Ramipril
benazepril	Lotensin, Benazepril Hydrochloride
lisinopril	Lisinopril, Prinivil, Zestril
moexipril	Univasc, Moexipril Hydrochloride
trandolapril	Mavik, Trandolapril
perindopril	Aceon, Perindopril Erbumine

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

## NACCAAAS

Variable type	NACC derived variable
Short descriptor	Reported current use of an antiadrenergic agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an antiadrenergic agent, including both peripherally and centrally acting antiadrenergic agents. The following medications are included in this category:

Drug name	Example brand names
guanethidine	Ismelin
prazosin	Minipress, Prazosin Hydrochloride
reserpine	Reserpine
terazosin	Hytrin, Terazosin Hydrochloride
guanadrel	Hylorel
doxazosin	Cardura, Cardura XL, Doxazosin Mesylate
mecamylamine	Inversine
rauwolfia serpentina	Rauwolfemms, Rauwolfia 1X, Rauwolfia Serpentina
deserpidine	Harmonyl
tamsulosin	Flomax, Tamsulosin Hydrochloride
alfuzosin	Uroxatral, Alfuzosin Hydrochloride
silodosin	Rapaflo
dutasteride-tamsulosin	Jalyn
cloNIDine	Catapres, Catapres-TTS1-3, CloNIDine Hydrochloride, CloNIDine TTS1-3, Duraclon, Kapvay, Nexcilon XR
guanabenz	Wytensin, Guanabenz Acetate
methyldopa	Aldomet, Aldomet Ester Hydrochloride, Methyldopa, Methyldopate
guanFACINE	Intuniv, GuanFACINE Hydrochloride, Tenex

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCBETA**

Variable type	NACC derived variable
Short descriptor	Reported current use of a beta-adrenergic blocking agent (Beta-Blocker)
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a beta-blocker medication, including both cardioselective and non-cardioselective beta-blockers. The following medications are included in this category:

Drug name	Example brand names
atenolol	Atenolol, Senormin, Tenormin
acebutolol	Acebutolol Hydrochloride
metoprolol	Lopressor, Metoprolol Succinate ER, Metoprolol Tartrate, Toprol-XL
betaxolol	Betaxolol Hydrochloride, Kerlone
esmolol	Brevibloc
bisoprolol	Zebeta, Bisoprolol Fumarate
nebivolol	Bystolic
labetalol	Normodyne, Trandate, Labetalol Hydrochloride
nadolol	Corgard, Nadolol
propranolol	Inderal
pindolol	Pindolol, Visken
timolol	Blocadren, Timolol Maleate
penbutolol	Levatol
sotalol	Betapace
carteolol	Cartrol
carvedilol	Carvedilol, Coreg, Coreg CR

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCCCBS**

Variable type	NACC derived variable
Short descriptor	Reported current use of a calcium channel blocking agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a calcium channel blocking medication. The following medications are included in this category:

Drug name	Example brand names
diltiazem	Cardizem
verapamil	Calan
NIFEdipine	Adalat, Adalat CC, Afeditab CR, NIFEdipine ER, Nifediac CC, Nifedical XL, Nifedipine, Procardia, Procardia XL
felodipine	Plendil, Felodipine ER
isradipine	Dynacirc, Dynacirc CR, Isradipine
niCARdipine	Cardene, Cardene IV, Cardene SR, NiCARdipine Hydrochloride
niMODipine	NiMODipine, Nimotop
bepridil	Vascor
amLODIPine	Norvasc, AmLODIPine Besylate
nisoldipine	Nisoldipine, Sular
mibepradil	Posicor
clevidipine	Cleviprex

*Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.*

**NACCDIUR**

Variable type	NACC derived variable
Short descriptor	Reported current use of a diuretic
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a diuretic medication and includes loop diuretics, potassium-sparing diuretics, thiazide and thiazide-like diuretics, carbonic anhydrase inhibitors, and miscellaneous diuretics. The following medications are included in this category:

Drug name	Example brand names
furosemide	Lasix, Diaqua-2, Furosemide, Lo-Aqua
bumetanide	Bumex, Bumetanide
ethacrynic acid	Edecrin, Edecrin Sodium
torsemide	Demadex, Demadex I.V., Torsemide
aMILoride	AMILoride Hydrochloride, AMILoride Hydrochloride Dihydrate, Midamor
spironolactone	Aldactone
triamterene	Dyrenium, Triamterene
chlorothiazide	Chlorothiazide, Chlorothiazide Sodium, Diuril, Diuril Sodium, Chlorthalidone, Hygroton, Thalitone
hydrochlorothiazide	Aquazide H, Carozide, Diaqua, Esidrix, Ezide, Hydro Par, HydroDIURIL, Hydrochlorothiazide, Loqua, Microzide, Oretic
indapamide	Lozol, Indapamide
metolazone	Metolazone, Mykrox, Zaroxolyn
bendroflumethiazide	Bendroflumethiazide, Naturetin-10, Naturetin-5
methylclothiazide	Aquatensen, Enduron, Methylclothiazide
benzthiazide	Exna
hydroflumethiazide	Diucardin, Saluron
trichlormethiazide	Aquacot, Diurese, Metahydrin, Naqua, Trichlormethiazide
polythiazide	Renese
acetazOLAMIDE	AcetazOLAMIDE
dichlorphenamide	Daranide
methazolamide	Glauctabs, MZM, Methazolamide, Neptazane
mannitol	Aridol, Mannitol, Osmitrol
pamabrom	Aqua-Ban, Aqua-Ban with Pamabrom, Diurex Aquagels, Diurex Water Capsules
urea	Ureaphil

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

## NACCVASD

Variable type	NACC derived variable
Short descriptor	Reported current use of a vasodilator
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a vasodilator. The following medications are included in this category:

Drug name	Example brand names
hydrALAZINE	Apresoline, HydrALAZINE Hydrochloride
minoxidil	Loniten, Minoxidil
nitroprusside	Sodium Nitroprusside
nitroglycerin	Minitran, Nitrek, Nitro TD Patch-A, Nitro-Bid, Nitro-Bid IV, Nitro-Dur, Nitro-Par, Nitro-Time, Nitrocot, Nitrodisc, Nitrogard, Nitroglycerin, Nitroglycerin ER, Nitroglycerin Patch, Nitroglycerin Transdermal System, Nitroglyn E-R, Nitrol, Nitrol Appli-Kit, Nitrolingual, Nitrolingual Duo Pack, Nitromist, Nitrong, Nitroquick, Nitrostat, Transderm-Nitro, Tridil
alprostadil	Alprostadil
nesiritide	Natrecor

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

## NACCANGI

Variable type	NACC derived variable
Short descriptor	Reported current use of an angiotensin II inhibitor
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an angiotensin II inhibitor. The following medications are included in this category:

Drug name	Example brand names
losartan	Cozaar, Losartan Potassium
valsartan	Diovan
irbesartan	Avapro
eprosartan	Teveten
candesartan	Atacand
telmisartan	Micardis
olmesartan	Benicar
azilsartan	Edarbi

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCLIP**

Variable type	NACC derived variable
Short descriptor	Reported current use of lipid lowering medication
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a prescription antihyperlipidemic (lipid lowering) medication, including HMG-COA reductase inhibitors, miscellaneous antihyperlipidemic agents, fibrin acid derivatives, bile acid sequestrants, cholesterol absorption inhibitors, and antihyperlipidemic combination therapies. The following medications are included in this category:

Drug name	Example brand names
lovastatin	Altoprev, Altocor, Lovastatin, Mevacor
pravastatin	Pravachol, Pravastatin Sodium
simvastatin	Zocor, Simvastatin
fluvastatin	Lescol, Lescol XL
atorvastatin	Lipitor, Atorvastatin Calcium
cerivastatin	Baycol
red yeast rice	Cholestin (obsolete)
rosuvastatin	Crestor
pitavastatin	Livalo
niacin	B3-500-Gr, Niacin, Niacin ER, Niacin SR, Niacin TD, Niacor, Niacor B3, Niaspan ER, Niaspan ER Starter Pack, Nico-400, Nicobid Tempules, Nicolar, Nicotinex, Nicotinic Acid, Slo-Niacin
probucol	Lorelco
dextrothyroxine sodium	Choloxin
icosapent ethyl	Vascepa
clofibrate	Atromid-S, Clofibrate
gemfibrozil	Gemcor, Gemfibrozil, Lopid
fenofibrate	Antara, Fenofibrate, Fenofibrate Micronized, Fenoglide, Lipofen, Lofibra, TriCor, Triglide
fenofibric acid	Fenofibric Acid, Fibricor, Trilipix
cholestyramine	Cholestyramine, Cholestyramine Light, Cholestyramine Light Packets, Cholestyramine Packets, Locholest, Locholest Light, Locholest Light Packets, Locholest Packets, Prevalite, Prevalite Packets, Questran, Questran Light, Questran Light Packets, Questran Packets
colestipol	Colestid, Colestid Flavored, Colestipol Hydrochloride,
colesevelam	Welchol
ezetimibe	Zetia
lovastatin-niacin	Advicor
aspirin-pravastatin	Pravigard Pac
amLODIPine-atorvastatin	Caduet
ezetimibe-simvastatin	Vytorin
niacin-simvastatin	Simcor
simvastatin-sitaGLIptin	Juvisync

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCNSD**

Variable type	NACC derived variable
Short descriptor	Reported current use of nonsteroidal anti-inflammatory medication
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a nonsteroidal anti-inflammatory medication. Medications included in this category include non-steroidal anti-inflammatory agents, salicylates, COX2 inhibitors, and analgesic combinations containing one of the latter. The following medications are included in this category:

Drug name	Example brand names
ibuprofen	Advanced Pain Relief, Advil, Advil Childrens, Advil Junior Strength, Advil Junior Strength, Advil Liquigel, Advil Migraine, Advil Pediatric, Arthritis Foundation IB, Caldolor, Cap-Profen, Childrens Ibuprofen Berry, Childrens Ibuprofen, Dolgesic, Genpril, Haltran, IBU, IBU-200, Ibifon 600, Ibren, Ibu-4, Ibu-6, Ibu-8, Ibu-Tab, Ibuprofen, Ibuprofen Childrens, Ibuprofen Dye Free, Ibuprofen IB, Ibuprofen Infants Drops, Ibuprofen PMR, Ibuprofen to Go, Ibuprohm, Menadol, Midol IB, Midol Maximum Strength Cramp Formula, Motrin, Motrin Childrens, Motrin IB, Motrin Infant Drops, Motrin Junior Strength, Motrin Migraine Pain, Motrin Pediatric, NeoProfen, Nuprin, Pediacare Fever, Q-Profen, Rufen, Saleto-200, Saleto-400, Saleto-600, Saleto-800, Sup Pain Med, Tab-Profen, Uni-Pro, Wal-Profen
naproxen	Aflaxen, Aleve, Aleve Caplet, Aleve Easy Open Arthritis, Aleve Gelcap, All Day Pain Relief, Anaprox, Anaprox-DS, Comfort Pac with Naproxen, EC-Naprosyn, Leader Naproxen Sodium, Midol Extended Relief, Naprelan 375, Naprelan 500, Naprelan 750, Naprelan Dose Card, Naprosyn, Naproxen, Naproxen Enteric Coated, Naproxen Sodium, Naproxen Sodium DS, Wal-Proxen, Wal-Proxen Caplets
fenoprofen	Nalfon, Fenoprofen Calcium, Fenoprofen Calcium Anhydrous
ketoprofen	Actron, Ketoprofen, Ketoprofen ER, Orudis, Orudis KT, Oruvail
sulindac	Clinoril, Sulindac
indomethacin	Indocin, Indocin SR, Indomethacin, Indomethacin SR, Indomethacin Sodium Trihydrate
tolmetin	Tolectin, Tolectin 600, Tolectin DS, Tolmetin Sodium
flurbiprofen	Ansaid, Flurbiprofen
ketorolac	Ketorolac Tromethamine, Sprix, Toradol, Toradol IM, Toradol IV/IM
meclofenamate	Meclofenamate Sodium, Meclomen
mefenamic acid	Mefenamic Acid, Ponstel
nabumetone	Nabumetone, Relafen
phenylbutazone	Butazolidine
piroxicam	Feldene, Piroxicam
diclofenac	Cambia, Cataflam, Diclofenac Potassium, Diclofenac Sodium, Diclofenac Sodium XR, Voltaren, Voltaren-XR, Zipsor
etodolac	Etodolac, Etodolac ER, Lodine, Lodine XL
oxaprozin	Daypro, OxaProzin
bromfenac	DurAct
diclofenac-misoprostol	Arthrotec
meloxicam	Meloxicam, Mobic
lansoprazole-naproxen	PREVACID NapraPAC 375, PREVACID NapraPAC 500
esomeprazole-naproxen	Vimovo
famotidine-ibuprofen	Duexis

aspirin	Acetylsalicylic Acid, Acuprin 81, Arthritis Foundation Aspirin, Arthritis Pain, Arthritis Pain, Ascriptin Enteric, Aspergum Cherry, Aspergum Orginal, Aspir 81, Aspir-Low, Aspir-trin, Aspirin, Aspirin Adult Low Strength, Aspirin Child Chewable, Aspirin Childrens Cherry, Aspirin Childrens Orange, Aspirin EC Lo-Dose, Aspirin Enteric Coated, Aspirin Lite Coat, Aspirin Litecoat, Aspirin Low Dose, Aspirin Low Strength, Aspirin Tri-Buffered, Aspirin, Extended Release, Aspirin-Antacid, Aspirtab, Bayer Aspirin, Bayer Aspirin Regimen, Bayer Aspirin Sugar Free, Bayer Aspirin with Calcium, Bayer Aspirin with Heart Advantage, Bayer Childrens Aspirin, Bayer Low Dose, Bayer Low Strength, Bayer Plus, Buffered Aspirin, Bufferin, Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Low Dose, Buffex, CTD Aspirin, Coated Aspirin, Easprin, Ecotrin, Ecotrin Adult Low Strength, Ecotrin Maximum Strength, Ecpirin, Empirin, Entaprin, Entercote, Extra Strength Bayer, Fasprin, Genacote, Gennin-FC, Genprin, Halfprin, Litecoat Aspirin, Low Dose ASA, Med Aspirin, Minitabs, Norwich Aspirin, Ridiprin, Sloprin, St. Joseph Aspirin, St. Joseph Aspirin Adult Chewable, St. Joseph Aspirin Adult EC, Stanback Analgesic, Tri-Buffered Aspirin, Uni-Buff, Uni-Tren, Valomag, YSP Aspirin, Zero-Order Release, Zorprin
diflunisal	Diflunisal, Dolobid
choline salicylate	Arthropan
salsalate	Amigesic, Anaflex, Argesic-SA, Disalcid, Marthritic, Mono-Gesic, Salflex, Salsalate, Salsitab
sodium salicylate	Sodium Salicylate
sodium thiosalicylate	Rexolate, Sodium Thiosalicylate, Tusal
magnesium salicylate	Backache Relief Extra Strength, Bayer Select Backache Pain Formula, Doans Pills, Doans Pills Extra Strength, MST, Magan, Magnesium Salicylate, Mobidin, Novasal, Nuprin Backache Caplet
choline salicylate-magnesium salicylate	CMT, Choline Magnesium Trisalicylate, Tricosal, Trilisate
ASA/citric acid/Na bicarb	Alka-Seltzer, Alka-Seltzer Blue, Alka-Seltzer Extra Strength, Alka-Seltzer Flavored, Effervescent Pain & Antacid, Effervescent Pain Relief, Pain Relief (Effervescent)
Al hydroxide/ASA/Ca carbonate/Mg hydroxide	Arthritis Pain Formula, Ascriptin, Ascriptin Maximum Strength, Aspidrox, Aspir-Mox, Aspir-Mox IB, Aspirin Buffered, Aspirin Plus Antacid Extra Strength, Magnaprin
celecoxib	CeleBREX
rofecoxib	Vioxx
valdecoxib	Bextra
APAP/ASA/caffeine/salicylamide	Levacet, Saleto
APAP/ASA/caffeine	Excedrin, Excedrin Express Gels, Excedrin Extra Strength, Excedrin Extra Strength Geltab, Excedrin Geltab, Excedrin Menstrual Express Gels, Excedrin Migraine, Excedrin Migraine Geltab, Ex-Pain, Genace, Acetaminophen/Aspirin/Caffeine, Anacin Advanced Headache Formula, Goodys Headache Powders, Goodys Extra Strength, Headache Relief, Migraine Formula, Pain Reliever Added Strength, Pain Reliever Plus, Pamprin Max, Supac, Uni-Case
APAP/Al hydroxide/ASA/caffeine/Mg hydroxide	Vanquish
ASA/caffeine/salicylamide	B.C. Powder, B.C. Powder Arthritis Strength, B.C. Headache, Emagrin
aspirin-meprobamate	Equagesic
aspirin-caffeine	AA&C, Adult Pain, Adult Strength, Alka-Seltzer Morning Relief, Anacin, Anacin Extra Strength, Analgesic Pain Reliever, Aspircaf, Aspirin-Caffeine, CP-2, Cope, Genasan, Major-Cin, P-A-C Analgesic, Pain Relief with Aspirin, Q-Acin, Uni-Ann
aspirin-phenyltoloxamine	Momentum
magnesium salicylate-phenyltoloxamine	Mag-Phen, Magsal, Mobicgesic, Tetra-Mag
ASA/butalbital/caffeine	Aspirin/Butalbital/Caffeine, Butalbital Compound, Fiorinal, Fiormor, Fiortal, Fortabs, Idenal, Isollyl, Laniroif
aspirin-butalbital	Axotal
aspirin-diphenhydrAMINE	Bayer Aspirin PM Extra Strength, Bayer NightTime Relief
diphenhydrAMINE-magnesium salicylate	Doans PM
acetaminophen-salicylamide	Frenadol, Panritis Forte

APAP/caffeine/ phenyltoloxamine/ salicylamide	Cafgesic
APAP/ phenyltoloxamine/ salicylamide	Anabar, Be-Flex Plus, By-Ache, Dolorex, Ed-Flex, Lobac
APAP/caffeine/ mg salicylate/ phenyltoloxamin	Cafgesic Forte, Combiflex ES, Durabac Forte
diphenhydrAMINE- ibuprofen	Advil PM, Advil PM Liqui-Gels, Ibuprofen PM, Motrin PM
APAP/caffeine/ magnesium salicylate	KneeRelief
acetaminophen-aspirin	Excedrin Back & Body
caffeine-magnesium salicylate	Diurex
APAP/magnesium salicylate/pamabrom	Pamprin Cramp Formula

*Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.*

**NACCAC**

Variable type	NACC derived variable
Short descriptor	Reported current use of an anticoagulant or antiplatelet agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an anti-clotting or blood-thinning medication, including heparins, coumarins and indandionones, thrombin inhibitors, factor Xa inhibitors, platelet aggregation inhibitors, and glycoprotein platelet inhibitors. The following medications are included in this category:

Drug name	Example brand names
heparin	Dextrose-Heparin Sodium, Heparin Sodium, Heparin Sodium (beef), Heparin Sodium ADD-Vantage, Heparin Sodium Preservative Free, Heparin Sodium-Sodium Chloride
enoxaparin	Lovenox, Enoxaparin Sodium
dalteparin	Fragmin
danaparoid	Orgaran
ardeparin	Normiflo
tinzaparin	Innohep
heparin flush	Hep-Lock, Hep-Pak, Hep-Pak CVC, Heparin (Preservative Free) in Sod, Heparin Lock Flush, Heparin Sodium in Sodium Chloride, Lok-Pak Needleless Kit, Lok-Pak-N, Monoject Prefill Advanced, PosiFlush
warfarin	Coumadin, Jantoven, Warfarin Sodium
anisindione	Miradon
dicumarol	Dicumarol
lepirudin	Refludan
argatroban	Acova, Argatroban
bivalirudin	Angiomax
desirudin	Iprivask
dabigatran	Pradaxa
fondaparinux	Arixtra, Fondaparinux Sodium
rivaroxaban	Xarelto
apixaban	Eliquis
aspirin	Acetylsalicylic Acid, Acuprin 81, Arthritis Foundation Aspirin, Arthritis Pain, Arthritis Pain, Ascriptin Enteric, Aspergum Cherry, Aspergum Orginal, Aspir 81, Aspir-Low, Aspir-trin, Aspirin, Aspirin Adult Low Strength, Aspirin Child Chewable, Aspirin Childrens Cherry, Aspirin Childrens Orange, Aspirin EC Lo-Dose, Aspirin Enteric Coated, Aspirin Lite Coat, Aspirin Litecoat, Aspirin Low Dose, Aspirin Low Strength, Aspirin Tri-Buffered, Aspirin, Extended Release, Aspirin-Antacid, Aspirtab, Bayer Aspirin, Bayer Aspirin Regimen, Bayer Aspirin Sugar Free, Bayer Aspirin with Calcium, Bayer Aspirin with Heart Advantage, Bayer Childrens Aspirin, Bayer Low Dose, Bayer Low Strength, Bayer Plus, Buffered Aspirin, Bufferin, Bufferin Arthritis Strength, Bufferin Extra Strength, Bufferin Low Dose, Buffex, CTD Aspirin, Coated Aspirin, Easprin, Ecotrin, Ecotrin Adult Low Strength, Ecotrin Maximum Strength, Ecpirin, Empirin, Entaprin, Entercote, Extra Strength Bayer, Fasprin, Genacote, Gennin-FC, Genprin, Halfprin, Litecoat Aspirin, Low Dose ASA, Med Aspirin, Minitabs, Norwich Aspirin, Ridiprin, Sloprin, St. Joseph Aspirin, St. Joseph Aspirin Adult Chewable, St. Joseph Aspirin Adult EC, Stanback Analgesic, Tri-Buffered Aspirin, Uni-Buff, Uni-Tren, Valomag, YSP Aspirin, Zero-Order Release, Zorprin
dipyridamole	Dipyridamole
ticlopidine	Ticlid, Ticlopidine Hydrochloride
clopidogrel	Clopidogrel, Plavix
cilostazol	Pletal
aspirin-dipyridamole	Aggrenox
aspirin-pravastatin	Pravigard Pac
prasugrel	Effient
aspirin-calcium carbonate	Bayer Womens Low Dose Plus Calcium
ticagrelor	Brilinta

abciximab	Reopro
tirofiban	Aggrastat
eptifibatide	Integritilin

*Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.*

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**NACCADEP**

Variable type	NACC derived variable
Short descriptor	Reported current use of an antidepressant
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a prescription antidepressant, including miscellaneous, SSRIs, tricyclic, MOI, phenylpiperazine, tetracyclic, and SSNRI antidepressants. The following medications are included in this category:

Drug name	Example brand names
buPROPion	Aplenzin
St. Johns wort	St. Johns Wort
5-hydroxytryptophan	5-HTP
vilazodone	Vibryd
FLUoxetine	FLUoxetine Hydrochloride, FLUoxetine Hydrochloride DR, PROzac, PROzac Weekly, Rapiflux, Sarafem, Selfemra
sertraline	Zoloft, Sertraline Hydrochloride
PARoxetine	Paxil, Paxil CR, Pexeva, PARoxetine Hydrochloride, PARoxetine Hydrochloride ER
fluvoxaMINE	FluvoxaMINE Maleate, Luvox, Luvox CR
citalopram	CeleXA, Citalopram Hydrobromide
escitalopram	Lexapro
nortriptyline	Aventyl HCl, Nortriptyline Hydrochloride, Pamelor
desipramine	Desipramine Hydrochloride, Norpramin
amitriptyline	Amitriptyline Hydrochloride, Elavil, Endep, Vanatrip
doxepin	Doxepin Hydrochloride, SINEquan, Silenor
imipramine	Imipramine Hydrochloride, Imipramine Pamoate, Tofranil, Tofranil-PM
trimipramine	Surmontil, Trimipramine Maleate
amoxapine	Asendin, Amoxapine
protriptyline	Vivactil, Protriptyline Hydrochloride
clomiPRAMINE	Anafranil, ClomiPRAMINE Hydrochloride
isocarboxazid	Marplan
phenelzine	Nardil, Phenelzine Sulfate
tranylcyromine	Parnate, Tranylcypromine Sulfate
selegiline	Atapryl
traZODone	Desyrel, Desyrel Dividose, Oleptro, TraZODone Hydrochloride
nefazodone	Serzone, Nefazodone Hydrochloride
maprotiline	Ludiomil, Maprotiline Hydrochloride
mirtazapine	Mirtazapine, Remeron, Remeron SolTab
venlafaxine	Effexor, Effexor XR, Venlafaxine Hydrochloride, Venlafaxine Hydrochloride ER
DULoxetine	Cymbalta
milnacipran	Savella
desvenlafaxine	Pristiq
levomilnacipran	Fetzima

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCAPSY**

Variable type	NACC derived variable
Short descriptor	Reported current use of an antipsychotic agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an antipsychotic agent, including miscellaneous antipsychotics, psychotherapeutic combinations, phenothiazine psychotics, thioxanthenes, and atypical antipsychotics. The following medications are included in this category:

Drug name	Example brand names
haloperidol	Haldol, Haldol Decanoate, Haloperidol, Haloperidol Decanoate, Haloperidol Lactate
lithium	Eskalith, Eskalith-CR, Lithium Carbonate, Lithium Citrate, Lithobid, Lithonate, Lithotabs
molindone	Moban
loxapine	Loxapine Succinate, Loxitane, Loxitane C, Loxitane IM
pimozide	Orap
amitriptyline-chlordiazepoxide	Amitriptyline-Chlordiazepoxide, Limbitrol, Limbitrol DS
amitriptyline-perphenazine	Duo-Vil 2-10, Duo-Vil 2-25, Duo-Vil 4-10, Etrafon 2-10, Etrafon 2-25, Etrafon Forte, Etrafon-A, Perphenazine-Amitriptyline, Triavil
FLUoxetine-OLANZapine	Symbax, FLUoxetine-OLANZapine
chlorproMAZINE	Ormazine, Thorazine, Thorazine Spansule, ChlorproMAZINE Hydrochloride
fluPHENAZine	Permitil, Prolixin, FluPHENAZine Decanoate, FluPHENAZine Hydrochloride, Prolixin Decanoate, Prolixin Enanthate
prochlorperazine	Compro, Compazine Spansule, Prochlorperazine, Prochlorperazine Edisylate, Prochlorperazine Maleate, Procot
promazine	Sparine, Promazine Hydrochloride
thioridazine	Mellaril, Mellaril-S, Thioridazine Hydrochloride
methotrimeprazine	Levoprome
perphenazine	Trilafon
mesoridazine	Serentil
trifluoperazine	Stelazine, Trifluoperazine Hydrochloride
triflupromazine	Vesprin
thiothixene	Navane, Thiothixene
cloZAPine	CloZAPine, Clozaril, FazaClo
risperiDONE	RisperDAL, RisperDAL Consta, RisperDAL M-Tab, RisperiDONE
OLANZapine	Olanzapine, ZyPREXA, ZyPREXA Relprevv, ZyPREXA Zydis
QUEtiapine	SEROquel, SEROquel XR
ziprasidone	Geodon
ARIPIPrazole	Abilify, Abilify Discmelt
paliperidone	Invega, Invega Sustenna
iloperidone	Fanapt
asenapine	Saphris, Saphris Black Cherry
lurasidone	Latuda

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCAANX**

Variable type	NACC derived variable
Short descriptor	Reported current use of an anxiolytic, sedative, or hypnotic agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of an anxiolytic, sedative or hypnotic agent, including barbiturates, benzodiazepines and miscellaneous anxiolytics, sedatives, and hypnotics. The following medications are included in this category:

Drug name	Example brand names
amobarbital	Amobarbital Sodium, Amytal Sodium
PENTobarbital	Nembutal, Nembutal Sodium, PENTobarbital Sodium, Pentobarbital, Luminal
secobarbital	Secobarbital Sodium, Seconal Sodium
mephobarbital	Mebaral
butabarbital	Busodium, Butabarbital, Butisol Sodium
butalbital	Butalbital
amobarbital-secobarbital	Tuinal
oxazepam	Oxazepam, Serax
diazepam	Diastat, Diastat AcuDial, Diastat Pediatric, Valium, Valrelease, Zetran, Diazepam
LORazepam	Ativan
ALPRAZolam	Alprazolam, ALPRAZolam ER, Niravam, Xanax, Xanax XR
chlordiazepoxide	Libritabs, Chlordiazepoxide Hydrochloride, Librium, Mitrana, Poxi
clonazepam	ClonazePAM, Clorazepate Dipotassium, Gen-xene, Traxene SD, Traxene T-Tab
flurazepam	Dalmane, Flurazepam Hydrochloride,
midazolam	Midazolam, Midazolam Hydrochloride, Versed
temazepam	Restoril, Temazepam
triazolam	Halcion, Triazolam
halazepam	Paxipam
estazolam	Estazolam, Prosom
quazepam	Doral
chloral hydrate	Aquachloral Supprenettes, Chloral Hydrate, Somnote
buspirone	BuSpar, BuSpar Dividose, BusPIRone Hydrochloride, Vanspar
diphenhydramine	Diphenhydramine Hydrochloride
doxepin	Adapin
ethchlorvynol	Placidyl
meprobamate	Equanil, MB-TAB, Meprobamate, Miltown
pyrilamine	Pyrilamine Maleate
hydroxyzine	Anx
chlormezanone	Trancopal
zolpidem	Ambien, Ambien CR, Edluar, Zolpidem Tartrate, Zolpidem Tartrate ER, Zolpimist
paraldehyde	Paral
acetylcarbromal	Paxarel
propiomazine	Largon
doxylamine	Aldex AN, Doxylamine Succinate, Nitetime, Nyquil Maximum Strength, Sleep Aid (Doxylamine), Unisom
melatonin	Melatonin
zaleplon	Sonata, Zaleplon

dexmedetomidine	Precedex
sodium oxybate	Xyrem
eszopiclone	Lunesta
ramelteon	Rozerem

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

#### NACCADMD

Variable type	NACC derived variable
Short descriptor	Reported current use of a FDA-approved medication for Alzheimer's disease symptoms
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a FDA-approved medication for Alzheimer's disease symptoms, including cholinesterase inhibitors and memantine. The following medications are included in this category:

Drug name	Example brand names
tacrine	Cognex
donepezil	Aricept, Aricept ODT, Donepezil Hydrochloride
rivastigmine	Exelon, Rivastigmine Tartrate
galantamine	Razadyne, Razadyne ER, Reminyl, Galantamine Hydrobromide, Galantamine Hydrobromide ER
memantine	Namenda

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCPDMD**

Variable type	NACC derived variable
Short descriptor	Reported current use of an antiparkinson agent
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates reported current use of a Parkinson's disease medication, including anticholinergic and dopaminergic antiparkinson agents. The following medications are included in this category:

Drug name	Example brand names
benztropine	Cogentin, Benztrapine Mesylate
diphenhydrAMINE	DiphenhydrAMINE Hydrochloride
procyclidine	Kemadrin
trihexyphenidyl	Artane, Trihexane, Trihexyphenidyl Hydrochloride
biperiden	Akineton HCl
amantadine	Symmetrel, Symadine
bromocriptine	Bromocriptine Mesylate
carbidopa	Carbidopa, Lodosyn
levodopa	Levodopa, Larodopa, Dopar
selegiline	Carbex, Eldepryl, Emsam, Selegiline Hydrochloride, Zelapar
pergolide	Permax, Pergolide Mesylate
carbidopa-levodopa	Atamet, Carbidopa-Levodopa, Carbidopa-Levodopa CR, Parcopa, Sinemet, Sinemet CR
cabergoline	Cabergoline
pramipexole	Mirapex, Mirapex ER, Pramipexole Dihydrochloride
rOPINIRole	Requip, Requip Starter Kit, Requip XL, ROPINIRole Hydrochloride
tolcapone	Tasmar
entacapone	Comtan
carbidopa/entacapone/levodopa	Stalevo 50, Stalevo 75, Stalevo 100, Stalevo 125, Stalevo 150, Stalevo 200
apomorphine	Apokyn, Apomorphine Hydrochloride
rasagiline	Azilect
rotigotine	Neupro

*Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.*

## NACCEMD

Variable type	NACC derived variable
Short descriptor	Reported current use of estrogen hormone therapy
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates the current use of an estrogen-alone hormone therapy, including estradiol, conjugated estrogens, and esterified estrogens. Topical preparations are not included. The following medications are included in this category:

Drug name	Example brand names
conjugated estrogens	Cenestin, Premarin
esterified estrogens	Menest
estradiol	Fempatch, Estrace
estropipate	Ogen, Ortho-Est
diethylstilbestrol	Stilphostrol
quinestrol	Quinestrol

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

## NACCEPMD

Variable type	NACC derived variable
Short descriptor	Reported current use of estrogen + progestin hormone therapy
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates the current use of an estrogen and progestin (or progesterone analog) combination hormone therapy. Topical preparations are not included. The following medications are included in this category:

Drug name	Example brand names
drospirenone-estradiol	Angeliq
ethinyl estradiol-norethindrone	FemHrt
estradiol-norethindrone	Mimvey, Activella
estradiol-norgestimate	Prefest, Ortho-Prefest
conjugated estrogens- medroxyprogesterone	Premphase, Prempro

Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.

**NACCDBMD**

Variable type	NACC derived variable
Short descriptor	Reported current use of a diabetes medication
Data type	Numeric longitudinal
Allowable codes	0=Did not report use at visit 1=Reported use at visit -4=Did not complete medications form
Description/derivation	This variable indicates the current use of a diabetes medication, including insulin, sulfonylureas, biguanides, dipeptidyl peptidase 4 inhibitors, amylin analogs, incretin mimetics, and antidiabetic combinations. The following medications are included in this category:

Drug name	Example brand names
chlorproPAMIDE	ChlorproPAMIDE, Diabinese
acetoHEXAMIDE	AcetoHEXAMIDE, Dymelor
glipiZIDE	GlipiZIDE, GlipiZIDE Extended Release, Glucotrol
glyBURIDE	DiaBeta, Glycron, Micronase
TOLAZamide	Tolazamide, Tolinase
TOLBUTamide	Orinase, Tol-Tab, Tolbutamide
glimepiride	Amaryl, Glimepiride
metFORMIN	Fortamet, Glucophage, MetFORMIN Hydrochloride, Riomet, Glumetza
insulin	insulin
insulin lispro protamine	insulin lispro protamine
insulin regular	HumuLIN R, HumuLIN R (Concentrated), Iletin Regular, Iletin II Regular Pork, Insulin Purified Regular Pork, NovoLIN R, NovoLIN R Innolet, NovoLIN R PenFill, Velosulin BR, ReliOn/NovoLIN R
insulin isophane	HumuLIN N, HumuLIN N Pen, Iletin II NPH Pork, Iletin NPH, Insulin Purified NPH Pork, NovoLIN N, NovoLIN N Innolet, NovoLIN N PenFill, Relion NovoLIN N
insulin zinc	HumuLIN L, Iletin II Lente Pork, Iletin Lente, Insulin Lente Pork, NovoLIN L
insulin zinc extended	HumuLIN U
insulin lispro	HumaLOG, HumaLOG Cartridge, HumaLOG KwikPen, HumaLOG Pen, Lispro PRC
insulin isophane-insulin regular	HumuLIN 50/50, HumuLIN 70/30, HumuLIN 70/30 Pen, Insulin Pork Mix, NovoLIN 70/30, NovoLIN 70/30 Innolet, NovoLIN 70/30 PenFill, ReliOn/NovoLIN 70/30, Relion NovoLIN 70/30 Innolet
insulin lispro-insulin lispro protamine	HumaLOG Mix 50/50, HumaLOG Mix 50/50 KwikPen, HumaLOG Mix 50/50 Pen, HumaLOG Mix 75/25, HumaLOG Mix 75/25 KwikPen, HumaLOG Mix 75/25 Pen
insulin glargine	Lantus, Lantus OptiClik Cartridge, Lantus SoloStar Pen
insulin aspart	NovoLOG, NovoLOG FlexPen, NovoLOG PenFill
insulin aspart protamine	insulin aspart protamine
insulin aspart-insulin aspart protamine	NovoLOG Mix 70/30, NovoLOG Mix 70/30 FlexPen, NovoLOG Mix 70/30 PenFill
insulin glulisine	Apidra, Apidra OptiClik Cartridge, Apidra SoloStar Pen
insulin detemir	Levemir, Levemir FlexPen
insulin inhalation, rapid acting	EXUBERA, EXUBERA Combination Pack 12, EXUBERA Combination Pack 15, EXUBERA Kit
acarbose	Acarbose, Precose
miglitol	Glyset
troglitazone	Rezulin
rosiglitazone	Avandia
pioglitazone	Actos
repaglinide	Prandin
nateglinide	Nateglinide, Starlix
glyBURIDE-metFORMIN	Glucovance, Glyburide-Metformin

metFORMIN-rosiglitazone	Avandamet
glipiZIDE-metFORMIN	GlipiZIDE-Metformin, Metaglip
metFORMIN-pioglitazone	Actoplus Met, Actoplus Met XR
glimepiride-rosiglitazone	Avandaryl
glimepiride-pioglitazone	Duetact
metFORMIN-sitaGLIPtin	Janumet
metFORMIN-repaglinide	PrandiMet
metFORMIN-saxagliptin	Kombiglyze XR
simvastatin-sitaGLIPtin	Juvicsync
linagliptin-metformin	Jentadueto
sitaGLIPtin	Januvia
saxagliptin	Onglyza
linagliptin	Tradjenta
pramlintide	Symlin, SymlinPen 120, SymlinPen 60
exenatide	Byetta Prefilled Pen
liraglutide	Victoza

*Medications variables were derived using Multum/Lexi-Comp® therapeutic drug categories.*

## FORM A5: Subject Health History

### TOBAC30

Variable type	Original UDS question
Short descriptor	Smoked cigarettes in last 30 days
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b1	7b1	1a
FV question no.	7b1	7b1	Not applic
TI question no.			1a
TF question no.		7b1	Not applic

### TOBAC100

Variable type	Original UDS question
Short descriptor	Smoked more than 100 cigarettes in life
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b2	7b2	1b
FV question no.	7b2	7b2	Not applic
TI question no.			1b
TF question no.		7b2	Not applic

### SMOKYRS

Variable type	Original UDS question
Short descriptor	Total years smoked cigarettes
Data type	Numeric longitudinal
Allowable codes	0-87 88=Not applicable 99=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b3	7b3	1c
FV question no.	7b3	7b3	Not applic
TI question no.			1c
TF question no.		7b3	Not applic

**PACKSPER**

Variable type	Original UDS question
Short descriptor	Average number of packs smoked per day
Data type	Numeric longitudinal
Allowable codes	<p>0=No reported cigarette use</p> <p>1=1 cigarette to less than 1/2 pack</p> <p>2=½ pack to less than 1 pack</p> <p>3=1 pack to 1½ packs</p> <p>4=1½ packs to 2 packs</p> <p>5=More than two packs</p> <p>8=Not applicable</p> <p>9=Unknown</p> <p>-4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. Subjects who have <b>TOBAC100</b>=0 or <b>SMOKYRS</b>=0 will have <b>PACKSPER</b>=0.</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b4	7b4	1d
FV question no.	7b4	7b4	Not applic
TI question no.			1d
TF question no.		7b4	Not applic

**QUITSMOK**

Variable type	Original UDS question
Short descriptor	If the subject quit smoking, age at which he/she last smoked (i.e., quit)
Data type	Numeric longitudinal
Allowable codes	<p>7–110</p> <p>888=Not applicable, no significant smoking history</p> <p>999=Unknown</p> <p>-4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b5	7b5	1e
FV question no.	7b5	7b5	Not applic
TI question no.			1e
TF question no.		7b5	Not applic

**ALCOCCAS**

Variable type	Original UDS question
Short descriptor	In the past three months, has the subject consumed any alcohol?
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v1.2 or v2.0.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1f
FV question no.	Not applic	Not applic	Not applic
TI question no.			1f
TF question no.		Not applic	Not applic

**ALCFREQ**

Variable type	Original UDS question
Short descriptor	During the past three months, how often did the subject have at least one drink of any alcoholic beverage such as wine, beer, malt liquor, or spirits?
Data type	Numeric cross-sectional
Allowable codes	0=Less than once a month 1=About once a month 2=About once a week 3=A few times a week 4=Daily or almost daily 8=Not applicable, no alcohol consumption in last three months 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v1.2 or v2.0.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1g
FV question no.	Not applic	Not applic	Not applic
TI question no.			1g
TF question no.		Not applic	Not applic

**CVHATT**

Variable type	Original UDS question
Short descriptor	Heart attack/cardiac arrest
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a	1a	2a
FV question no.	1a	1a	Not applic
TI question no.			2a
TF question no.		1a	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the myocardial infarct variable collected on Form D2 (Clinician-assessed Medical Conditions), because heart attack as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**HATTMULT**

Variable type	Original UDS question
Short descriptor	More than one heart attack/cardiac arrest?
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no reported history of heart attack 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a1
FV question no.	Not applic	Not applic	Not applic
TI question no.			2a1
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 or v2.0.

**HATTYEAR**

Variable type	Original UDS question
Short descriptor	Year of most recent heart attack
Data type	Numeric cross-sectional
Allowable codes	1900–current year 8888=Not applicable, no reported history of heart attack 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a2
FV question no.	Not applic	Not applic	Not applic
TI question no.			2a2
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 or v2.0.

**CVAFIB**

Variable type	Original UDS question
Short descriptor	Atrial fibrillation
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	1b	1b	2b
FV question no.	1b	1b	Not applic
TI question no.			2b
TF question no.		1b	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the atrial fibrillation variable collected on Form D2 (Clinician-assessed Medical Conditions), because atrial fibrillation as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVANGIO**

Variable type	Original UDS question
Short descriptor	Angioplasty/endarterectomy/stent
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2 =Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	1c	1c	2c
FV question no.	1c	1c	Not applic
TI question no.			2c
TF question no.		1c	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the angioplasty/ endarterectomy/ stent variables collected on Form D2 (Clinician-assessed Medical Conditions), because this variable in Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVBYPASS**

Variable type	Original UDS question
Short descriptor	Cardiac bypass procedure
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	1d	1d	2d
FV question no.	1d	1d	Not applic
TI question no.			2d
TF question no.		1d	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**CVPACDEF**

Variable type	Original UDS question
Short descriptor	Pacemaker and/or defibrillator
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2e
FV question no.	Not applic	Not applic	Not applic
TI question no.			2e
TF question no.		Not applic	Not applic

Description/derivation Pacemaker data were collected in the form of the **CVPACE** variable in UDS v1.2 or v2.0. For subject visits conducted using UDS v1.2 or v2.0 forms, **CVPACDEF**=-4. Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the pacemaker/defibrillator variable collected on Form D2 (Clinician-assessed Medical Conditions), because this variable as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVPACE**

Variable type	Original UDS question
Short descriptor	Pacemaker
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1e	1e	Not applic
FV question no.	1e	1e	Not applic
TI question no.			Not applic
TF question no.		1e	Not applic

Description/derivation Pacemaker data are collected in the form of the **CVPACDEF** variable in version 3.0 of Form A5. For subject visits conducted using UDS v3.0, **CVPACE**=-4. For some analyses, it may be advisable to use the pacemaker/defibrillator variable collected on Form D2 (Clinician-assessed Medical Conditions), because this variable as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVCHF**

Variable type	Original UDS question
Short descriptor	Congestive heart failure
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1f	1f	2f
FV question no.	1f	1f	Not applic
TI question no.			2f
TF question no.		1f	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the congestive heart failure variable collected on Form D2 (Clinician-assessed Medical Conditions), because congestive heart failure as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVANGINA**

Variable type	Original UDS question
Short descriptor	Angina
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2g
FV question no.	Not applic	Not applic	Not applic
TI question no.			2g
TF question no.		Not applic	Not applic

Description/derivation Note that this variable was not collected in UDS v1.2 or v2.0. Thus, report of this condition may be recorded as an “Other cardiovascular disease” for subjects assessed using UDS v1.2 or v2.0. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the angina variable collected on Form D2 (Clinician-assessed Medical Conditions), because angina as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVHVALVE**

Variable type	Original UDS question
Short descriptor	Heart valve replacement or repair
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2h
FV question no.	Not applic	Not applic	Not applic
TI question no.			2h
TF question no.		Not applic	Not applic

Description/derivation Note that this variable was not in v1.2 or v2.0. Thus, report of this condition may be recorded as an “Other cardiovascular disease” for subjects assessed using UDS v1.2 or v2.0. Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4. For some analyses, it may be advisable to use the heart valve replacement variable collected on Form D2 (Clinician-assessed Medical Conditions), because heart valve replacement as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**CVOTHR**

Variable type	Original UDS question
Short descriptor	Other cardiovascular disease
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	1g	1g	2i
FV question no.	1g	1g	Not applic
TI question no.			2i
TF question no.		1g	Not applic

Description/derivation Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**CVOTHRX**

Variable type	Original UDS question
Short descriptor	Specification for other cardiovascular disease
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If another cardiovascular disease is indicated ( <b>CVOTHR</b> =1 or 2), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2i1
FV question no.	Not applic	Not applic	Not applic
TI question no.			2i1
TF question no.		Not applic	Not applic

**CBSTROKE**

Variable type	Original UDS question
Short descriptor	Stroke
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation	Note that in UDS v1.2 and v2.0, stroke history was collected at every UDS visit on Form A5, whereas it is not collected at any Follow-up Visit in UDS v3 and subsequent versions. For subjects who received follow-up visits in UDS v3 and subsequent versions, <b>CBSTROKE</b> = -4. For some analyses, it may be advisable to use the stroke variable collected on Form D1 (Clinician Diagnosis), because stroke as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions about the stroke variables
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Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2a	2a	3a
FV question no.	2a	2a	Not applic
TI question no.			3a
TF question no.		2a	Not applic

**STROKMUL**

Variable type	Original UDS question
Short descriptor	More than one stroke reported as of the Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no reported history of stroke as of the Initial Visit 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation	Note that in UDS v1.2 and v2.0, this variable was not collected; however, upon request, researchers can obtain the stroke year variables collected in UDS v1.2 and v2.0 and derive a similar variable (up to six possible stroke years were reported in v1.2 and v2.0). Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.
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Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3a1
FV question no.	Not applic	Not applic	Not applic
TI question no.			3a1
TF question no.		Not applic	Not applic

**NACCSTYR**

Variable type	NACC derived variable
Short descriptor	Most recently reported year of stroke as of the Initial Visit
Data type	Numeric cross-sectional
Allowable codes	1900–current year 8888=Not applicable, no reported history of stroke at the Initial Visit 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation If a subject was reported to have multiple strokes, only the most recent stroke year as of the Initial Visit is reported, if applicable. Note that in UDS v1.2 and v2.0, stroke history was collected at every UDS visit on Form A5, whereas it is not collected at any Follow-up Visit in UDS v3 and subsequent versions; therefore, **NACCSTYR** focuses on most recent stroke year reported at the Initial Visit to maintain consistency across versions. Upon request, researchers can obtain the stroke year variables collected in UDS v1.2 and v2.0 follow-up visits (up to six possible stroke years were reported in v1.2 and v2.0).

**CBTIA**

Variable type	Original UDS question
Short descriptor	Transient ischemic attack (TIA)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Please be aware that TIA is a condition that is not well-defined clinically; therefore, the reporting of TIA by subject and Center may be variable. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2a1–2a6	2a1–2a6	3a2
FV question no.	Not applic	Not applic	Not applic
TI question no.			3a2
TF question no.		Not applic	Not applic

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2b	2b	3b
FV question no.	2b	2b	Not applic
TI question no.			3b
TF question no.		2b	Not applic

**TIAMULT**

Variable type	Original UDS question
Short descriptor	More than one TIA reported as of the Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no reported history of TIA as of the Initial Visit 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that in UDS v1.2 and v2.0, this variable was not collected; however, upon request, researchers can obtain the TIA year variables collected in UDS v1.2 and v2.0 and derive a similar variable (up to six possible TIA years were reported in v1.2 and v2.0). Please note that subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3b1
FV question no.	Not applic	Not applic	Not applic
TI question no.			3b1
TF question no.		Not applic	Not applic

**NACCTIYR**

Variable type	NACC derived variable
Short descriptor	Most recently reported year of TIA as of the Initial Visit
Data type	Numeric cross-sectional
Allowable codes	1900–current year 8888=Not applicable, no reported history of TIA 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If a subject was reported to have multiple TIAs, only the most recent TIA year as of the Initial Visit is reported. Note that in UDS v1.2 and v2.0, TIA history was collected at every UDS visit on Form A5, whereas in UDS 3 and subsequent versions, it is collected only at the Initial Visit. Therefore, to maintain consistency across versions, <b>NACCTIYR</b> focuses on most recent TIA year reported at the Initial Visit. Upon request, researchers can obtain the TIA year variables collected in UDS v1.2 and 2.0 follow-up visits (up to six possible TIA years were reported in v1.2 and v2.0).

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	2b1 – 2b6	2b1 – 2b6	3b2
FV question no.	Not applic	Not applic	Not applic
TI question no.			3b2
TF question no.		Not applic	Not applic

**PD**

Variable type	Original UDS question
Short descriptor	Parkinson's disease (PD)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For most analyses, it is advisable to use the Parkinson's disease variable collected on Form D1 (Clinician Diagnosis), because Parkinson's disease as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions about the Parkinson's disease variables. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	3a	3a	4a
FV question no.	3a	3a	Not applic
TI question no.			4a
TF question no.		3a	Not applic

**PDYR**

Variable type	Original UDS question
Short descriptor	Year of PD diagnosis
Data type	Numeric longitudinal
Allowable codes	1900– current year 8888=Not applicable, no reported PD 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	3a1	3a1	4a1
FV question no.	3a1	3a1	Not applic
TI question no.			4a1
TF question no.		3a1	Not applic

**PDOTHR**

Variable type	Original UDS question
Short descriptor	Other parkinsonian disorder
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b	3b	4b
FV question no.	3b	3b	Not applic
TI question no.			4b
TF question no.		3b	Not applic

**PDOTHRYR**

Variable type	Original UDS question
Short descriptor	Year of parkinsonian disorder diagnosis
Data type	Numeric longitudinal
Allowable codes	1900–current year 8888=Not applicable, other parkinsonian disorder not reported 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b1	3b1	4b1
FV question no.	3b1	3b1	Not applic
TI question no.			4b1
TF question no.		3b1	Not applic

**SEIZURES**

Variable type	Original UDS question
Short descriptor	Seizures
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4a	4a	4c
FV question no.	4a	4a	Not applic
TI question no.			4c
TF question no.		4a	Not applic

**TBI**

Variable type	Original UDS question
Short descriptor	Traumatic brain injury (TBI)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/active 2=Remote/inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4d
FV question no.	Not applic	Not applic	Not applic
TI question no.			4d
TF question no.		Not applic	Not applic

**TBIBRIEF**

Variable type	Original UDS question
Short descriptor	Traumatic brain injury (TBI) with brief loss of consciousness (UDS v3.0)
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Single 2=Repeated/multiple 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	TBI with brief loss of consciousness was not collected in this manner in UDS v1.2 or v2.0. To examine history of TBI with brief loss of consciousness as reported in UDS v1.2 or v2.0, see <b>TRAUMBRF</b> , below. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4d1
FV question no.	Not applic	Not applic	Not applic
TI question no.			4d1
TF question no.		Not applic	Not applic

**TRAUMBRF**

Variable type	Original UDS question
Short descriptor	Brain trauma — brief unconsciousness (UDS v1.2–v2.0)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	TBI with brief loss of consciousness was not collected in this manner after UDS v2.0. To examine history of TBI with brief loss of consciousness as reported in UDS v3 and subsequent versions, see <b>TBIBRIEF</b> , above. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b1	4b1	Not applic
FV question no.	4b1	4b1	Not applic
TI question no.			Not applic
TF question no.		4b1	Not applic

**TBIEXTEN**

Variable type	Original UDS question
Short descriptor	TBI with extended loss of consciousness — 5 minutes or longer (UDS v3.0)
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Single 2=Repeated/multiple 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation TBI with extended loss of consciousness was not collected in this manner in UDS v1.2 or v2.0. To examine history of TBI with extended loss of consciousness as reported in UDS v1.2 or v2.0, see [TRAUMEXT](#), below. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4d2
FV question no.	Not applic	Not applic	Not applic
TI question no.			4d2
TF question no.		Not applic	Not applic

**TRAUMEXT**

Variable type	Original UDS question
Short descriptor	Brain trauma — extended unconsciousness (UDS v1.2–v2.0)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation TBI with extended loss of consciousness was not collected in this manner after UDS v2.0. To examine history of TBI with extended loss of consciousness as reported in UDS v3 and subsequent versions, see [TBIEXTEN](#), above. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b2	4b2	Not applic
FV question no.	4b2	4b2	Not applic
TI question no.			Not applic
TF question no.		4b2	Not applic

**TBIWOLOS**

Variable type	Original UDS question
Short descriptor	TBI without loss of consciousness — as might result from military detonations or sports injury (UDS v3.0)
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Single 2=Repeated/multiple 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4d3
FV question no.	Not applic	Not applic	Not applic
TI question no.			4d3
TF question no.		Not applic	Not applic

Description/derivation TBI without loss of consciousness was not collected in UDS v1.2 or v2.0; therefore subjects with an Initial Visit using UDS v1.2 or v2.0 will have **TBIWOLOS**=-4. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**TRAUMCHR**

Variable type	Original UDS question
Short descriptor	Brain trauma — chronic deficit (UDS v1.2–v2.0)
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b3	4b3	Not applic
FV question no.	4b3	4b3	Not applic
TI question no.			Not applic
TF question no.		4b3	Not applic

Description/derivation TBI with chronic deficit was not collected after UDS v2.0; therefore, subjects with an Initial Visit using UDS v3 and subsequent versions will have **TRAUMCHR**=-4. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**TBIYEAR**

Variable type	Original UDS question
Short descriptor	Year of most recent TBI
Data type	Numeric cross-sectional
Allowable codes	1900 – current year 8888=Not applicable, no reported TBI 9999=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4d4
FV question no.	Not applic	Not applic	Not applic
TI question no.			4d4
TF question no.		Not applic	Not applic

Description/derivation Year of most recent TBI was not collected in UDS v1.2 or v2.0; therefore subjects with an Initial Visit using UDS v1.2 or v2.0 will have **TBIYEAR**=-4.

**NCOTHR**

Variable type	Original UDS question
Short descriptor	Other neurological condition
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable is not collected after UDS v2.0; therefore, subjects with an Initial Visit using UDS v3 and subsequent versions will have NCOTHR = -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4c	4c	Not applicable
FV question no.	4c	4c	Not applicable
TI question no.			Not applicable
TF question no.		4c	Not applicable

**NCOTHRX**

Variable type	Original UDS question
Short descriptor	Other neurological condition (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another neurological condition is reported, it will be listed here; otherwise, this variable will be blank. This variable was not collected after UDS v2.0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4c1	4c1	Not applicable
FV question no.	4c1	4c1	Not applicable
TI question no.			Not applicable
TF question no.		4c1	Not applicable

**DIABETES**

Variable type	Original UDS question
Short descriptor	Diabetes
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5c	5c	5a
FV question no.	5c	5c	Not applicable
TI question no.			5a
TF question no.		5c	Not applicable

Description/derivation	For some analyses, it may be advisable to use the diabetes variable collected on Form D2 (Clinician-assessed Medical Conditions), because diabetes as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.
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**DIABTYPE**

Variable type	Original UDS question
Short descriptor	If Recent/active or Remote/inactive diabetes, which type?
Data type	Numeric cross-sectional
Allowable codes	1=Type 1 2=Type 2 3=Other type (diabetes insipidus, latent autoimmune diabetes/type 1.5, gestational diabetes) 8=Not applicable, no diabetes reported 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected for UDS v1.2 or v2.0. For some analyses, it may be advisable to use the diabetes type variable collected on Form D2 (Clinician-assessed Medical Conditions), because diabetes as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5a1
FV question no.	Not applic	Not applic	Not applic
TI question no.			5a1
TF question no.		Not applic	Not applic

**HYPERTEN**

Variable type	Original UDS question
Short descriptor	Hypertension
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For some analyses, it may be advisable to use the hypertension variable collected on Form D2 (Clinician-assessed Medical Conditions), because hypertension as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	5a	5a	5b
FV question no.	5a	5a	Not applic
TI question no.			5b
TF question no.		5a	Not applic

**HYPERCHO**

Variable type	Original UDS question
Short descriptor	Hypercholesterolemia
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5b	5b	5c
FV question no.	5b	5b	Not applic
TI question no.			5c
TF question no.		5b	Not applic

Description/derivation For some analyses, it may be advisable to use the hypercholesterolemia variable collected on Form D2 (Clinician-assessed Medical Conditions), because hypercholesterolemia as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**B12DEF**

Variable type	Original UDS question
Short descriptor	Vitamin B12 deficiency
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5d	5d	5d
FV question no.	5d	5d	Not applic
TI question no.			5d
TF question no.		5d	Not applic

Description/derivation For some analyses, it may be advisable to use the vitamin B12 deficiency variable collected on Form D2 (Clinician-assessed Medical Conditions), because vitamin B12 deficiency as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**THYROID**

Variable type	Original UDS question
Short descriptor	Thyroid disease
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation For some analyses, it may be advisable to use the thyroid disease variable collected on Form D2 (Clinician-assessed Medical Conditions), because thyroid disease as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5e	5e	5e
FV question no.	5e	5e	Not applic
TI question no.			5e
TF question no.		5e	Not applic

**ARTHRITIS**

Variable type	Original UDS question
Short descriptor	Arthritis
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHRITIS**=-4. For some analyses, it may be advisable to use the arthritis variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f
TF question no.		Not applic	Not applic

**ARTHTYPE**

Variable type	Original UDS question
Short descriptor	Type of arthritis
Data type	Numeric cross-sectional
Allowable codes	1=Rheumatoid 2=Osteoarthritis 3=Other 8=Not applicable, no reported arthritis 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHTYPE**=-4. For some analyses, it may be advisable to use the arthritis type variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f1
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f1
TF question no.		Not applic	Not applic

**ARTHTYPX**

Variable type	Original UDS question
Short descriptor	Other arthritis (specify)
Data type	Character cross-sectional
Allowable codes	Any text or numbers

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f1a
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f1a
TF question no.		Not applic	Not applic

Description/derivation If another type of arthritis is reported, it will be listed here, otherwise, it will be blank. For some analyses, it may be advisable to use the arthritis type variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**ARTHUPEX**

Variable type	Original UDS question
Short descriptor	Arthritis, region affected — upper extremity
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no arthritis reported -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f2a
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f2a
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHUPEX**=-4. For some analyses, it may be advisable to use the arthritis region variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**ARTHLOEX**

Variable type	Original UDS question
Short descriptor	Arthritis, region affected — lower extremity
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no arthritis reported -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f2b
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f2b
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHLOEX**=-4. For some analyses, it may be advisable to use the arthritis region variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**ARTHSPIN**

Variable type	Original UDS question
Short descriptor	Arthritis, region affected — spine
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no arthritis reported -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHSPIN**=-4. For some analyses, it may be advisable to use the arthritis region variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f2c
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f2c
TF question no.		Not applic	Not applic

**ARTHUNK**

Variable type	Original UDS question
Short descriptor	Region affected — unknown
Data type	Numeric cross-sectional
Allowable codes	0=No 1=Yes 8=Not applicable, no arthritis reported -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2.0; therefore, subjects with an Initial Visit using v1.2 or v2.0 will have **ARTHUNK**=-4. For some analyses, it may be advisable to use the arthritis region variable collected on Form D2 (Clinician-assessed Medical Conditions), because arthritis as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f2d
FV question no.	Not applic	Not applic	Not applic
TI question no.			5f2d
TF question no.		Not applic	Not applic

**INCONTU**

Variable type	Original UDS question
Short descriptor	Incontinence — urinary
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this

Description/derivation For some analyses, it may be advisable to use the urinary incontinence variable collected on Form D2 (Clinician-assessed Medical Conditions), because urinary incontinence as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5f	5f	5g
FV question no.	5f	5f	Not applic
TI question no.			5g
TF question no.		5f	Not applic

**(INCONT)**

Variable type	Original UDS question
Short descriptor	Incontinence — bowel
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5g	5g	5h
FV question no.	5g	5g	Not applic
TI question no.			5h
TF question no.		5g	Not applic

Description/derivation For some analyses, it may be advisable to use the bowel incontinence variable collected on Form D2 (Clinician-assessed Medical Conditions), because bowel incontinence as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**(APNEA)**

Variable type	Original UDS question
Short descriptor	Sleep apnea history reported at Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5i
FV question no.	Not applic	Not applic	Not applic
TI question no.			5i
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 or v2.0; therefore, subjects with an Initial Visit using UDS v1.2 or v2.0 will have APNEA=-4. For some analyses, it may be advisable to use the sleep apnea variable collected on Form D2 (Clinician-assessed Medical Conditions), because sleep apnea as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**(RBD)**

Variable type	Original UDS question
Short descriptor	REM sleep behavior disorder (RBD) history reported at Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5j
FV question no.	Not applic	Not applic	Not applic
TI question no.			5j
TF question no.		Not applic	Not applic

Description/derivation This variable was not collected in UDS v1.2 or v2.0; therefore, subjects with an Initial Visit using UDS v1.2 or v2.0 will have RBD=-4. For some analyses, it may be advisable to use the REM sleep behavior disorder variable collected on Form D2 (Clinician-assessed Medical Conditions) and Form B9 (Clinician Judgment of Symptoms), because RBD disorder as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**INSOMN**

Variable type	Original UDS question
Short descriptor	Hyposomnia/insomnia history reported at Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v1.2 or v2.0; therefore, subjects with an Initial Visit using UDS v1.2 or v2.0 will have <b>INSOMN</b> =-4. For some analyses, it may be advisable to use the hyposomnia/insomnia variable collected on Form D2 (Clinician-assessed Medical Conditions), because hyposomnia/insomnia as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5k
FV question no.	Not applic	Not applic	Not applic
TI question no.			5k
TF question no.		Not applic	Not applic

**OTHSLEEP**

Variable type	Original UDS question
Short descriptor	Other sleep disorder history reported at Initial Visit
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v1.2 or v2.0; therefore, subjects with an Initial Visit using UDS v1.2 or v2.0 will have <b>OTHSLEEP</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5l
FV question no.	Not applic	Not applic	Not applic
TI question no.			5l
TF question no.		Not applic	Not applic

**OTHSLEEX**

Variable type	Original UDS question
Short descriptor	Other sleep disorder (specify)
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If another type of sleep disorder is reported, it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5l1
FV question no.	Not applic	Not applic	Not applic
TI question no.			5l1
TF question no.		Not applic	Not applic

**ALCOHOL**

Variable type	Original UDS question
Short descriptor	Alcohol abuse — clinically significant impairment occurring over a 12-month period manifested in one of the following areas: work, driving, legal, or social
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a1	7a1	6a
FV question no.	7a1	7a1	Not applic
TI question no.			6a
TF question no.		7a1	Not applic

**ABUSOTHR**

Variable type	Original UDS question
Short descriptor	Other abused substances — clinically significant impairment occurring over a 12-month period manifested in one of the following areas: work, driving, legal, or social
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7c1	7c1	6b
FV question no.	7c1	7c1	Not applic
TI question no.			6b
TF question no.		7c1	Not applic

Description/derivation Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

**ABUSX**

Variable type	Original UDS question
Short descriptor	If reported other abused substances, specify abused substance(s)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If an abused substance other than alcohol is reported, it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7c2	7c2	6b1
FV question no.	7c2	7c2	Not applic
TI question no.			6b1
TF question no.		7c2	Not applic

**PTSD**

Variable type	Original UDS question
Short descriptor	Post-traumatic stress disorder (PTSD)
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7a
FV question no.	Not applic	Not applic	Not applic
TI question no.			7a
TF question no.		Not applic	Not applic

Description/derivation Note that this variable was not collected in UDS v1.2– 2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2– 2.0. For some analyses, it may be advisable to use the PTSD variable collected on Form D1 (Clinician Diagnosis), because PTSD as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**BIPOLAR**

Variable type	Original UDS question
Short descriptor	Bipolar disorder
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7b
FV question no.	Not applic	Not applic	Not applic
TI question no.			7b
TF question no.		Not applic	Not applic

Description/derivation Note that this variable was not collected in UDS v1.2– 2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2– 2.0. For some analyses, it may be advisable to use the bipolar disorder variable collected on Form D1 (Clinician Diagnosis), because bipolar disorder as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**SCHIZ**

Variable type	Original UDS question
Short descriptor	Schizophrenia
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7c
FV question no.	Not applic	Not applic	Not applic
TI question no.			7c
TF question no.		Not applic	Not applic

Description/derivation Note that this variable was not collected in UDS v1.2– 2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2– 2.0. For some analyses, it may be advisable to use the schizophrenia variable collected on Form D1 (Clinician Diagnosis), because schizophrenia as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

**DEP2YRS**

Variable type	Original UDS question
Short descriptor	Active depression in the last two years
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	7d1
FV question no.	6a	6a	Not applic
TI question no.			7d1
TF question no.		6a	Not applic

**DEPOTHR**

Variable type	Original UDS question
Short descriptor	Depression episodes more than two years ago
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6b	6b	7d2
FV question no.	6b	6b	Not applic
TI question no.			7d2
TF question no.		6b	Not applic

**ANXIETY**

Variable type	Original UDS question
Short descriptor	Anxiety
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this variable was not collected in UDS v1.2– 2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2– 2.0. For some analyses, it may be advisable to use the anxiety variable collected on Form D1 (Clinician Diagnosis), because anxiety as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7e
FV question no.	Not applic	Not applic	Not applic
TI question no.			7e
TF question no.		Not applic	Not applic

**OCD**

Variable type	Original UDS question
Short descriptor	Obsessive-compulsive disorder (OCD)
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this variable was not collected in UDS v1.2–2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2–2.0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7f
FV question no.	Not applic	Not applic	Not applic
TI question no.			7f
TF question no.		Not applic	Not applic

**NPSYDEV**

Variable type	Original UDS question
Short descriptor	Developmental neuropsychiatric disorders (e.g., autism spectrum disorder [ASD], attention-deficit hyperactivity disorder [ADHD], dyslexia)
Data type	Numeric cross-sectional
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this variable was not collected in UDS v1.2–2.0; thus, report of this condition may be recorded as “Other psychiatric disorder” for subjects assessed using UDS v1.2–2.0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7g
FV question no.	Not applic	Not applic	Not applic
TI question no.			7g
TF question no.		Not applic	Not applic

**PSYCDIS**

Variable type	Original UDS question
Short descriptor	Other psychiatric disorder
Data type	Numeric longitudinal
Allowable codes	0=Absent 1=Recent/Active 2=Remote/Inactive 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7d	7d	7h
FV question no.	7d	7d	Not applic
TI question no.			7h
TF question no.		7d	Not applic

**PSYCDISX**

Variable type	Original UDS question
Short descriptor	If recent/active or remote/inactive psychiatric disorder, specify disorder
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a psychiatric condition other than those collected on the form is reported, it will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7d1	7d1	7h1
FV question no.	7d1	7d1	Not applic
TI question no.			7h1
TF question no.		7d1	Not applic

**NACCTBI**

Variable type	NACC derived variable
Short descriptor	History of traumatic brain injury (TBI)
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b1, 4b2, 4b3	4b1, 4b2, 4b3	4d
FV question no.	4b1, 4b2, 4b3	4b1, 4b2, 4b3	Not applic
TI question no.			4d
TF question no.		4b1, 4b2, 4b3	Not applic

Description/derivation If any type of TBI is reported at the visit on Form A5, **NACCTBI**=1. For some analyses, it may be advisable to use the TBI variable collected on Form D1 (Clinician Diagnosis), because TBI as reported on Form A5 is collected using mainly subject and co-participant report. Please ask a NACC research consultant if you have any questions. Subjects who were enrolled following the implementation of UDS v3.0 will have data for this variable only at the Initial Visit; for all other visits, this variable will be set to -4.

## FORM B1: Physical

### HEIGHT

Variable type	Original UDS question
Short descriptor	Subject's height (inches)
Data type	Numeric longitudinal
Allowable codes	36.0 – 87.9 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	1
FV question no.	1	1	1
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

### WEIGHT

Variable type	Original UDS question
Short descriptor	Subject's weight (lbs)
Data type	Numeric longitudinal
Allowable codes	50 – 400 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

### NACCBMI

Variable type	NACC derived variable
Short descriptor	Body mass index (BMI)
Data type	Numeric longitudinal
Allowable codes	10.0 – 100.0 888.8 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Body mass index is derived using variables <b>HEIGHT</b> (pounds) and <b>WEIGHT</b> (inches). The standardized calculation used is as follows:  $\text{BMI} = (\text{WEIGHT} \text{ (lbs)} \times 703) \div \text{HEIGHT} \text{ (in)}^2$ <p>If <b>HEIGHT</b> or <b>WEIGHT</b> is missing or unknown, then <b>NACCBMI</b>=888. If Form B1 was not submitted, then <b>NACCBMI</b> = -4.</p>

**BPSYS**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting), systolic
Data type	Numeric longitudinal
Allowable codes	70–230 777 = Blood pressure addendum submitted 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a	3a	3a
FV question no.	3a	3a	3a
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure data is submitted on Form B1a, **BPSYS**=777.

**BPDIAS**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting), diastolic
Data type	Numeric longitudinal
Allowable codes	30–140 777 = Blood pressure addendum submitted 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b	3b	3b
FV question no.	3b	3b	3b
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure data is submitted on Form B1a, **BPDIAS**=777.

**BPSYSL**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting; average of two readings), systolic, left arm
Data type	Numeric longitudinal
Allowable codes	70–230 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1a1
FV question no.	Not applic	Not applic	1a1
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure is not measured using the standard protocol, **BPSYSL**=-4.

**BPSYSR**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting; average of two readings), systolic, right arm
Data type	Numeric longitudinal
Allowable codes	70–230 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1b1
FV question no.	Not applic	Not applic	1b1
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure is not measured using the standard protocol, **BPSYSR**=-4.

**BPDIASL**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting; average of two readings), diastolic, left arm
Data type	Numeric longitudinal
Allowable codes	30-140 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1a2
FV question no.	Not applic	Not applic	1a2
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure is not measured using the standard protocol, **BPDIASL**=-4.

**BPDIASR**

Variable type	Original UDS question
Short descriptor	Subject blood pressure (sitting; average of two readings), diastolic, right arm
Data type	Numeric longitudinal
Allowable codes	30-140 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1b2
FV question no.	Not applic	Not applic	1b2
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure is not measured using the standard protocol, **BPDIASR**=-4.

**BPDEVICE**

Variable type	Original UDS question
Short descriptor	Blood pressure measured by approved device
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2
FV question no.	Not applic	Not applic	2
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation: In November 2020, a standard procedure for measuring blood pressure was introduced to UDSv3, and new data collection fields were introduced on Form B1a: Blood Pressure Addendum. When blood pressure is not measured using the standard protocol, **BPDEVICE**=-4.

**HRATE**

Variable type	Original UDS question
Short descriptor	Subject resting heart rate (pulse)
Data type	Numeric longitudinal
Allowable codes	33–160 888 = Unknown or not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4	4	4
FV question no.	4	4	4
TI question no.			Not applic
TF question no.		Not applic	Not applic

**VISION**

Variable type	Original UDS question
Short descriptor	Without corrective lenses, is the subject's vision functionally normal?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	5
FV question no.	5	5	5
TI question no.			1
TF question no.		Not applic	Not applic

**VISCORR**

Variable type	Original UDS question
Short descriptor	Does the subject usually wear corrective lenses?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	6
FV question no.	6	6	6
TI question no.			2
TF question no.		Not applic	Not applic

**VISWCORR**

Variable type	Original UDS question
Short descriptor	If the subject usually wears corrective lenses, is the subject's vision functionally normal with corrective lenses?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable, does not wear corrective lenses 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	6a
FV question no.	6a	6a	6a
TI question no.			2a
TF question no.		Not applic	Not applic

**HEARING**

Variable type	Original UDS question
Short descriptor	Without a hearing aid(s), is the subject's hearing functionally normal?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7	7	7
FV question no.	7	7	7
TI question no.			3
TF question no.		Not applic	Not applic

**HEARAID**

Variable type	Original UDS question
Short descriptor	Does the subject usually wear a hearing aid(s)?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	8
FV question no.	8	8	8
TI question no.			4
TF question no.		Not applic	Not applic

**HEARWAID**

Variable type	Original UDS question
Short descriptor	If the subject usually wears a hearing aid(s), is the subject's hearing functionally normal with a hearing aid(s)?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable, does not wear hearing aid(s) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	8a	8a	8a
FV question no.	8a	8a	8a
TI question no.			4a
TF question no.		Not applic	Not applic

## FORM B2: HIS and CVD

### ABRUPT

Variable type	Original UDS question
Short descriptor	Abrupt onset (re: cognitive status)
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	Not applicable
FV question no.	1	1	Not applicable
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

### STEPWISE

Variable type	Original UDS question
Short descriptor	Stepwise deterioration (re: cognitive status)
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	Not applicable
FV question no.	2	2	Not applicable
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

### SOMATIC

Variable type	Original UDS question
Short descriptor	Somatic complaints
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	Not applicable
FV question no.	3	3	Not applicable
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

### EMOT

Variable type	Original UDS question
Short descriptor	Emotional incontinence
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4	4	Not applicable
FV question no.	4	4	Not applicable
TI question no.			Not applicable
TF question no.		Not applicable	Not applicable

**HXHYPER**

Variable type	Original UDS question
Short descriptor	History or presence of hypertension
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	Not applic
FV question no.	5	5	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HXSTROKE**

Variable type	Original UDS question
Short descriptor	History of stroke
Data type	Numeric longitudinal
Allowable codes	0 = Absent 2 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	Not applic
FV question no.	6	6	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**FOCLSYM**

Variable type	Original UDS question
Short descriptor	Focal neurological symptoms
Data type	Numeric longitudinal
Allowable codes	0 = Absent 2 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7	7	Not applic
FV question no.	7	7	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**FOCLSIGN**

Variable type	Original UDS question
Short descriptor	Focal neurological signs
Data type	Numeric longitudinal
Allowable codes	0 = Absent 2 = Present -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	Not applic
FV question no.	8	8	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HACHIN**

Variable type	Original UDS question
Short descriptor	Hachinski Ischemic score
Data type	Numeric longitudinal
Allowable codes	0–12 -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9	9	Not applic
FV question no.	9	9	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDCOG**

Variable type	Original UDS question
Short descriptor	Cerebrovascular disease contributing to cognitive impairment
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	10	Not applic
FV question no.	Not applic	10	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**STROKCOG**

Variable type	Original UDS question
Short descriptor	Relationship between stroke and cognitive impairment
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	11	Not applic
FV question no.	Not applic	11	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAG**

Variable type	Original UDS question
Short descriptor	Imaging evidence
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12	Not applic
FV question no.	Not applic	12	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAG1**

Variable type	Original UDS question
Short descriptor	Single strategic infarct
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12A1	Not applic
FV question no.	Not applic	12A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAG2**

Variable type	Original UDS question
Short descriptor	Multiple infarcts
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12A2	Not applic
FV question no.	Not applic	12A2	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAG3**

Variable type	Original UDS question
Short descriptor	Extensive white matter hyperintensity
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12A3	Not applic
FV question no.	Not applic	12A3	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAG4**

Variable type	Original UDS question
Short descriptor	Other imaging evidence
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12A4	Not applic
FV question no.	Not applic	12A4	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**CVDIMAGX**

Variable type	Original UDS question
Short descriptor	Other imaging evidence — specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If other imaging evidence is indicated ( <b>CCVDIIMAG4</b> =1), it will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12A5	Not applic
FV question no.	Not applic	12A5	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

## FORM B3: Unified Parkinson's Disease Rating Scale (UPDRS)

### **PDNORMAL**

Variable type	Original UDS question
Short descriptor	UPDRS normal
Data type	Numeric longitudinal
Allowable codes	0 = No, not normal 1 = Yes, normal 8 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If at least one of the UPDRS items is marked as not normal, then <b>PDNORMAL</b> =0. If all of the items=0, then <b>PDNORMAL</b> =1. If the items take values of 0 and 8, then <b>PDNORMAL</b> =8.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	0Z	G1	Not applic
FV question no.	0Z	G1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

### **SPEECH**

Variable type	Original UDS question
Short descriptor	Speech
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Slight loss of expression, diction, and/or volume 2 = Monotone, slurred but understandable; moderately impaired 3 = Marked impairment, difficult to understand 4 = Unintelligible 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	Not applic
FV question no.	1	1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

### **SPEECHX**

Variable type	Original UDS question
Short descriptor	Speech; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If speech is marked untestable ( <b>SPEECH</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	1A	Not applic
FV question no.	Not applic	1A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**FACEXP**

Variable type	Original UDS question
Short descriptor	Facial expression
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Minimal hypomimia, could be normal “poker face”</p> <p>2 = Slight but definitely abnormal diminution of facial expression</p> <p>3 = Moderate hypomimia; lips parted some of the time</p> <p>4 = Masked or fixed facies with severe or complete loss of facial expression; lips parted one-quarter inch or more</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	Not applic
FV question no.	2	2	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**FACEXPX**

Variable type	Original UDS question
Short descriptor	Facial expression; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If facial expression is marked untestable ( <b>FACEXP</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	2A	Not applic
FV question no.	Not applic	2A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTFAC**

Variable type	Original UDS question
Short descriptor	Tremor at rest — face, lips, chin
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight and infrequently present</p> <p>2 = Mild in amplitude and persistent; or moderate in amplitude, but only intermittently present</p> <p>3 = Moderate in amplitude and present most of the time</p> <p>4 = Marked in amplitude and present most of the time</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3A	3A	Not applic
FV question no.	3A	3A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTFAX**

Variable type	Original UDS question
Short descriptor	Tremor at rest — face, lips, chin; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a tremor at rest in the face, lips, or chin is marked untestable ( <b>TRESTFAC</b> =8), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	3A1	Not applic
FV question no.	Not applic	3A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTRHD**

Variable type	Original UDS question
Short descriptor	Tremor at rest — right hand
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Slight and infrequently present 2 = Mild in amplitude and persistent; or moderate in amplitude, but only intermittently present 3 = Moderate in amplitude and present most of the time 4 = Marked in amplitude and present most of the time 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3B	3B	Not applic
FV question no.	3B	3B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTRHX**

Variable type	Original UDS question
Short descriptor	Tremor at rest — right hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a tremor at rest in the right hand is marked untestable ( <b>TRESTRHD</b> =8), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	3B1	Not applic
FV question no.	Not applic	3B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTLHD**

Variable type	Original UDS question
Short descriptor	Tremor at rest — left hand
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight and infrequently present</p> <p>2 = Mild in amplitude and persistent; or moderate in amplitude, but only intermittently present</p> <p>3 = Moderate in amplitude and present most of the time</p> <p>4 = Marked in amplitude and present most of the time</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3C	3C	Not applic
FV question no.	3C	3C	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTLHX**

Variable type	Original UDS question
Short descriptor	Tremor at rest — left hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a tremor at rest in the left hand is marked untestable ( <b>TRESTLHD=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	3C1	Not applic
FV question no.	Not applic	3C1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTRFT**

Variable type	Original UDS question
Short descriptor	Tremor at rest — right foot
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight and infrequently present</p> <p>2 = Mild in amplitude and persistent; or moderate in amplitude, but only intermittently present</p> <p>3 = Moderate in amplitude and present most of the time</p> <p>4 = Marked in amplitude and present most of the time</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3D	3D	Not applic
FV question no.	3D	3D	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTRFX**

Variable type	Original UDS question
Short descriptor	Tremor at rest — right foot; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a tremor at rest in the right foot is marked untestable ( <b>TRESTRFT=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	3D1	Not applic
FV question no.	Not applic	3D1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTLFT**

Variable type	Original UDS question
Short descriptor	Tremor at rest — left foot
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Slight and infrequently present 2 = Mild in amplitude and persistent; or moderate in amplitude, but only intermittently present 3 = Moderate in amplitude and present most of the time 4 = Marked in amplitude and present most of the time 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3E	3E	Not applic
FV question no.	3E	3E	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRESTLFX**

Variable type	Original UDS question
Short descriptor	Tremor at rest — left foot; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a tremor at rest in the left foot is marked untestable ( <b>TRESTLFT=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	3E1	Not applic
FV question no.	Not applic	3E1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRACTRHD**

Variable type	Original UDS question
Short descriptor	Action or postural tremor — right hand
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight; present with action</p> <p>2 = Moderate in amplitude, present with action</p> <p>3 = Moderate in amplitude with posture holding as well as action</p> <p>4 = Marked in amplitude; interferes with feeding</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4A	4A	Not applic
FV question no.	4A	4A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRACTRHX**

Variable type	Original UDS question
Short descriptor	Action or postural tremor — right hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If an action or postural tremor in the right hand is marked untestable ( <b>TRACTRHD</b> =8), the reason will be listed here; otherwise, this variable will be blank.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	4A1	Not applic
FV question no.	Not applic	4A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRACTLHD**

Variable type	Original UDS question
Short descriptor	Action or postural tremor — left hand
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight; present with action</p> <p>2 = Moderate in amplitude, present with action</p> <p>3 = Moderate in amplitude with posture holding as well as action</p> <p>4 = Marked in amplitude; interferes with feeding</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4B	4B	Not applic
FV question no.	4B	4B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TRACTLHX**

Variable type	Original UDS question
Short descriptor	Action or postural tremor — left hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If an action or postural tremor in the left hand is marked untestable ( <b>TRACTLHD</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	4B1	Not applic
FV question no.	Not applic	4B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDNECK**

Variable type	Original UDS question
Short descriptor	Rigidity — neck
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight or detectable only when activated by mirror or other movements</p> <p>2 = Mild to moderate</p> <p>3 = Marked, but full range of motion easily achieved</p> <p>4 = Severe; range of motion achieved with difficulty</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5A	5A	Not applic
FV question no.	5A	5A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDNEX**

Variable type	Original UDS question
Short descriptor	Rigidity — neck; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If neck rigidity is marked untestable ( <b>RIGDNECK</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	5A1	Not applic
FV question no.	Not applic	5A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDUPRT**

Variable type	Original UDS question
Short descriptor	Rigidity — right upper extremity
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight or detectable only when activated by mirror or other movements</p> <p>2 = Mild to moderate</p> <p>3 = Marked, but full range of motion easily achieved</p> <p>4 = Severe; range of motion achieved with difficulty</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5B	5B	Not applic
FV question no.	5B	5B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDUPRX**

Variable type	Original UDS question
Short descriptor	Rigidity — right upper extremity; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right upper extremity rigidity is marked untestable ( <b>RIGDUPRT=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	5B1	Not applic
FV question no.	Not applic	5B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDUPLF**

Variable type	Original UDS question
Short descriptor	Rigidity — left upper extremity
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight or detectable only when activated by mirror or other movements</p> <p>2 = Mild to moderate</p> <p>3 = Marked, but full range of motion easily achieved</p> <p>4 = Severe; range of motion achieved with difficulty</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5C	5C	Not applic
FV question no.	5C	5C	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDUPLEX**

Variable type	Original UDS question
Short descriptor	Rigidity — left upper extremity; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left upper extremity rigidity is marked untestable ( <b>RIGDULPF=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	5C1	Not applic
FV question no.	Not applic	5C1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDLORT**

Variable type	Original UDS question
Short descriptor	Rigidity — right lower extremity
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Slight or detectable only when activated by mirror or other movements 2 = Mild to moderate 3 = Marked, but full range of motion easily achieved 4 = Severe; range of motion achieved with difficulty 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5D	5D	Not applic
FV question no.	5D	5D	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDLORX**

Variable type	Original UDS question
Short descriptor	Rigidity — right lower extremity; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right lower extremity rigidity is marked untestable ( <b>RIGDLORT=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	5D1	Not applic
FV question no.	Not applic	5D1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDOLF**

Variable type	Original UDS question
Short descriptor	Rigidity — left lower extremity
Data type	Numeric longitudinal
Allowable codes	<p>0 = Absent</p> <p>1 = Slight or detectable only when activated by mirror or other movements</p> <p>2 = Mild to moderate</p> <p>3 = Marked, but full range of motion easily achieved</p> <p>4 = Severe; range of motion achieved with difficulty</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	5E	5E	Not applic
FV question no.	5E	5E	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**RIGDLOLX**

Variable type	Original UDS question
Short descriptor	Rigidity — left lower extremity; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left lower extremity rigidity is marked untestable ( <b>RIGDOLF=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	5E1	Not applic
FV question no.	Not applic	5E1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TAPSRT**

Variable type	Original UDS question
Short descriptor	Finger taps — right hand
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Mild slowing and/or reduction in amplitude</p> <p>2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement</p> <p>3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement</p> <p>4 = Can barely perform the task</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	6A	6A	Not applic
FV question no.	6A	6A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TAPSRTX**

Variable type	Original UDS question
Short descriptor	Finger taps — right hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right hand finger taps is marked untestable ( <b>TAPSRT</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6A1	6A1	Not applic
FV question no.	6A1	6A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TAPSLF**

Variable type	Original UDS question
Short descriptor	Finger taps — left hand
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6B	6B	Not applic
FV question no.	6B	6B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**TAPSLFX**

Variable type	Original UDS question
Short descriptor	Finger taps — left hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left hand finger taps is marked untestable ( <b>TAPSLF</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6B1	6B1	Not applic
FV question no.	6B1	6B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDM0VR**

Variable type	Original UDS question
Short descriptor	Hand movements — right hand
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7A	7A	Not applic
FV question no.	7A	7A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDMVRX**

Variable type	Original UDS question
Short descriptor	Hand movements — right hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right hand movement is marked untestable ( <b>HANDM0VR</b> =8), the reason will be listed here; otherwise, this variable will be blank.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7A1	7A1	Not applic
FV question no.	7A1	7A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDMOVL**

Variable type	Original UDS question
Short descriptor	Hand movements — left hand
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7B	7B	Not applic
FV question no.	7B	7B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDMVLX**

Variable type	Original UDS question
Short descriptor	Hand movements — left hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left hand movement is marked untestable ( <b>HANDMOVL</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7B1	7B1	Not applic
FV question no.	7B1	7B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDALTR**

Variable type	Original UDS question
Short descriptor	Alternating movement — right hand
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Mild slowing and/or reduction in amplitude</p> <p>2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement</p> <p>3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement</p> <p>4 = Can barely perform the task</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8A	8A	Not applic
FV question no.	8A	8A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDATRX**

Variable type	Original UDS question
Short descriptor	Alternating movement — right hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right hand alternating movement is marked untestable ( <b>HANDALTR</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8A1	8A1	Not applic
FV question no.	8A1	8A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDALTL**

Variable type	Original UDS question
Short descriptor	Alternating movement — left hand
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8B	8B	Not applic
FV question no.	8B	8B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**HANDATLX**

Variable type	Original UDS question
Short descriptor	Alternating movement — left hand; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left hand alternating movement is marked untestable ( <b>HANDALTL</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8B1	8B1	Not applic
FV question no.	8B1	8B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LEGRT**

Variable type	Original UDS question
Short descriptor	Leg agility — right leg
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9A	9A	Not applic
FV question no.	9A	9A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LEGRTX**

Variable type	Original UDS question
Short descriptor	Leg agility — right leg; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If right leg agility is marked untestable ( <b>LEGRT</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9A1	9A1	Not applic
FV question no.	9A1	9A1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LEGLF**

Variable type	Original UDS question
Short descriptor	Leg agility — left leg
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Mild slowing and/or reduction in amplitude 2 = Moderately impaired; definite and early fatiguing; may have occasional arrests in movement 3 = Severely impaired; frequent hesitation in initiating movements or arrests in ongoing movement 4 = Can barely perform the task 8 = Untestable -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9B	9B	Not applic
FV question no.	9B	9B	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LEGLFX**

Variable type	Original UDS question
Short descriptor	Leg agility — left leg; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If left leg agility is marked untestable ( <b>LEGLF</b> =8), the reason will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9B1	9B1	Not applic
FV question no.	9B1	9B1	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**ARISING**

Variable type	Original UDS question
Short descriptor	Arising from chair
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Slow; or may need more than one attempt</p> <p>2 = Pushes self up from arms of seat</p> <p>3 = Tends to fall back and may have to try more than one time, but can get up without help</p> <p>4 = Unable to arise without help</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	10	10	Not applic
FV question no.	10	10	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**ARISINGX**

Variable type	Original UDS question
Short descriptor	Arising from chair; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If arising from chair is marked untestable ( <b>ARISING</b> =8), the reason will be listed here; otherwise, this variable will be blank.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	10A	10A	Not applic
FV question no.	10A	10A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**POSTURE**

Variable type	Original UDS question
Short descriptor	Posture
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Not quite erect, slightly stooped posture; could be normal for older person</p> <p>2 = Moderately stooped posture, definitely abnormal; can be slightly leaning to one side</p> <p>3 = Severely stooped posture with kyphosis; can be moderately leaning to one side</p> <p>4 = Marked flexion with extreme abnormality of posture</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	11	11	Not applic
FV question no.	11	11	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**POSTUREX**

Variable type	Original UDS question
Short descriptor	Posture; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If posture is marked untestable ( <b>POSTURE</b> =8), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	11A	11A	Not applic
FV question no.	11A	11A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**GAIT**

Variable type	Original UDS question
Short descriptor	Gait
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Walks slowly; may shuffle with short steps, but no festination (hastening steps) or propulsion</p> <p>2 = Walks with difficulty, but requires little or no assistance; may have some festination, short steps, or propulsion</p> <p>3 = Severe disturbance of gait requiring assistance</p> <p>4 = Cannot walk at all, even with assistance</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	12	12	Not applic
FV question no.	12	12	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**GAITX**

Variable type	Original UDS question
Short descriptor	Gait; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If gait is marked untestable ( <b>GAIT</b> =8), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	12A	12A	Not applic
FV question no.	12A	12A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**POSSTAB**

Variable type	Original UDS question
Short descriptor	Posture stability
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal erect</p> <p>1 = Retropulsion, but recovers unaided</p> <p>2 = Absence of postural response; would fall if not caught by examiner</p> <p>3 = Very unstable, tends to lose balance spontaneously</p> <p>4 = Unable to stand without assistance</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	13	13	Not applic
FV question no.	13	13	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**POSSTABX**

Variable type	Original UDS question
Short descriptor	Posture stability; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If posture stability is marked untestable ( <b>POSSTAB=8</b> ), the reason will be listed here; otherwise, this variable will be blank.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	13A	13A	Not applic
FV question no.	13A	13A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**BRADYKIN**

Variable type	Original UDS question
Short descriptor	Body bradykinesia and hypokinesia
Data type	Numeric longitudinal
Allowable codes	<p>0 = None</p> <p>1 = Minimal slowness, giving movement a deliberate character; could be normal for some persons; possibly reduced amplitude</p> <p>2 = Mild degree of slowness and poverty of movement which is definitely abnormal. Alternatively, some reduced amplitude</p> <p>3 = Moderate slowness, poverty or small amplitude of movement</p> <p>4 = Marked slowness, poverty or small amplitude of movement</p> <p>8 = Untestable</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	14	14	Not applic
FV question no.	14	14	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**BRADYKIX**

Variable type	Original UDS question
Short descriptor	Body bradykinesia and hypokinesia; untestable — specify reason
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If body bradykinesia and hypokinesia is marked untestable ( <b>BRADYKIN</b> =8), the reason will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	14A	Not applic
FV question no.	Not applic	14A	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

# FORM B4: CDR® Dementia Staging Instrument Plus NACC FTLD Behavior & Language Domains (CDR® Plus NACC FTLD)

## MEMORY

Variable type	Original UDS question
Short descriptor	Memory
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	1	1	1
FV Question no.	1	1	1
TI Question no.			1
TF Question no.		1	1

## ORIENT

Variable type	Original UDS question
Short descriptor	Orientation
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	2	2	2
FV Question no.	2	2	2
TI Question no.			2
TF Question no.		2	2

## JUDGMENT

Variable type	Original UDS question
Short descriptor	Judgment and problem-solving
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	3	3	3
FV Question no.	3	3	3
TI Question no.			3
TF Question no.		3	3

## COMMUN

Variable type	Original UDS question
Short descriptor	Community affairs
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	4	4	4
FV Question no.	4	4	4
TI Question no.			4
TF Question no.		4	4

## HOMEHOBB

Variable type	Original UDS question
Short descriptor	Home and hobbies
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	5	5	5
FV Question no.	5	5	5
TI Question no.			5
TF Question no.		5	5

**PERSCARE**

Variable type	Original UDS question
Short descriptor	Personal care
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV Question no.	6	6	6
FV Question no.	6	6	6
TI Question no.			6
TF Question no.		6	6

**CDRSUM**

Variable type	Original UDS question
Short descriptor	Standard CDR sum of boxes
Data type	Numeric longitudinal
Allowable codes	0.0, 0.5, 1.0, 1.5, ..., 18.0 (scores of 16.5 and 17.5 not possible)

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV Question no.	7	7	7
FV Question no.	7	7	7
TI Question no.			7
TF Question no.		7	7

**CDRGLOB**

Variable type	Original UDS question
Short descriptor	Global CDR
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV Question no.	8	8	8
FV Question no.	8	8	8
TI Question no.			8
TF Question no.		8	8

**COMPORT**

Variable type	Original UDS question
Short descriptor	Behavior, comportment, and personality
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV Question no.	Not applic	9	9
FV Question no.	Not applic	9	9
TI Question no.			9
TF Question no.		9	9

Description/derivation Please note that a very small number of UDS subjects receiving UDS 1.0 have non-missing values for **COMPORT**.

**CDRLANG**

Variable type	Original UDS question
Short descriptor	Language
Data type	Numeric longitudinal
Allowable codes	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV Question no.	Not applicable	10	10
FV Question no.	Not applicable	10	10
TI Question no.			10
TF Question no.		10	10

Description/derivation Please note that a very small number of UDS subjects receiving UDS 1.2 have non-missing values for **CDRLANG**.

## FORM B5: Neuropsychiatric Inventory Questionnaire (NPI-Q)

### NPIQINF

Variable type	Original UDS question
Short descriptor	NPI-Q co-participant
Data type	Numeric longitudinal
Allowable codes	1 = Spouse 2 = Child 3 = Other -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	1
FV question no.	1	1	1
IT question no.			1
TF question no.		1	1

### NPIQINFX

Variable type	Original UDS question
Short descriptor	NPI-Q co-participant, other-specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If the NPI-Q co-participant was someone other than a spouse or child (NPIQINF=3), it will be listed here, otherwise it will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a	1a	1a
FV question no.	1a	1a	1a
IT question no.			1a
TF question no.		1a	1a

### DEL

Variable type	Original UDS question
Short descriptor	Delusions in the last month
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	An option of Unknown (del=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2a	2a	2a
FV question no.	2a	2a	2a
IT question no.			2a
TF question no.		2a	2a

**DELSEV**

Variable type	Original UDS question
Short descriptor	Delusions severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no delusions reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>DELSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2b	2b	2b
FV question no.	2b	2b	2b
IT question no.			2b
TF question no.		2b	2b

**HALL**

Variable type	Original UDS question
Short descriptor	Hallucinations in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>HALL</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a	3a	3a
FV question no.	3a	3a	3a
IT question no.			3a
TF question no.		3a	3a

**HALLSEV**

Variable type	Original UDS question
Short descriptor	Hallucinations severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no hallucinations reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>HALLSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b	3b	3b
FV question no.	3b	3b	3b
IT question no.			3b
TF question no.		3b	3b

**AGIT**

Variable type	Original UDS question
Short descriptor	Agitation or aggression in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>AGIT</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4a	4a	4a
FV question no.	4a	4a	4a
IT question no.			4a
TF question no.		4a	4a

**AGITSEV**

Variable type	Original UDS question
Short descriptor	Agitation or aggression severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no agitation or aggression reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>AGITSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b	4b	4b
FV question no.	4b	4b	4b
IT question no.			4b
TF question no.		4b	4b

**DEPD**

Variable type	Original UDS question
Short descriptor	Depression or dysphoria in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>DEPD</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5a	5a	5a
FV question no.	5a	5a	5a
IT question no.			5a
TF question no.		5a	5a

**DEPDSEV**

Variable type	Original UDS question
Short descriptor	Depression or dysphoria severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no depression or dysphoria reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (DEPDSEV=9) was added to UDS v3.0 in subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5b	5b	5b
FV question no.	5b	5b	5b
IT question no.			5b
TF question no.		5b	5b

**ANX**

Variable type	Original UDS question
Short descriptor	Anxiety in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (ANX=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	6a
FV question no.	6a	6a	6a
IT question no.			6a
TF question no.		6a	6a

**ANXSEV**

Variable type	Original UDS question
Short descriptor	Anxiety severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no anxiety reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>ANXSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6b	6b	6b
FV question no.	6b	6b	6b
IT question no.			6b
TF question no.		6b	6b

**ELAT**

Variable type	Original UDS question
Short descriptor	Elation or euphoria in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>ELAT</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a	7a	7a
FV question no.	7a	7a	7a
IT question no.			7a
TF question no.		7a	7a

**ELATSEV**

Variable type	Original UDS question
Short descriptor	Elation or euphoria severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no elation or euphoria reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (ELATSEV=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b	7b	7b
FV question no.	7b	7b	7b
IT question no.			7b
TF question no.		7b	7b

**APA**

Variable type	Original UDS question
Short descriptor	Apathy or indifference in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (APA=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8a	8a	8a
FV question no.	8a	8a	8a
IT question no.			8a
TF question no.		8a	8a

**APASEV**

Variable type	Original UDS question
Short descriptor	Apathy or indifference severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no apathy or indifference reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (APASEV=9) was added to UDS v3.0. Also note that the wording in v3.0 changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8b	8b	8b
FV question no.	8b	8b	8b
IT question no.			8b
TF question no.		8b	8b

**DISN**

Variable type	Original UDS question
Short descriptor	Disinhibition in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown (DISN=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9a	9a	9a
FV question no.	9a	9a	9a
IT question no.			9a
TF question no.		9a	9a

**DISNSEV**

Variable type	Original UDS question
Short descriptor	Disinhibition severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no disinhibition reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>DISNSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9b	9b	9b
FV question no.	9b	9b	9b
IT question no.			9b
TF question no.		9b	9b

**IRR**

Variable type	Original UDS question
Short descriptor	Irritability or lability in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>IRR</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10a	10a	10a
FV question no.	10a	10a	10a
IT question no.			10a
TF question no.		10a	10a

**(IRRSEV**

Variable type	Original UDS question
Short descriptor	Irritability or lability severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no irritability or lability reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation An option of Unknown (**IRRSEV**=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10b	10b	10b
FV question no.	10b	10b	10b
IT question no.			10b
TF question no.		10b	10b

**MOT**

Variable type	Original UDS question
Short descriptor	Motor disturbance in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation An option of Unknown (**MOT**=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	11a	11a	11a
FV question no.	11a	11a	11a
IT question no.			11a
TF question no.		11a	11a

**MOTSEV**

Variable type	Original UDS question
Short descriptor	Motor disturbance severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no motor disturbance reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>MOTSEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	11b	11b	11b
FV question no.	11b	11b	11b
IT question no.			11b
TF question no.		11b	11b

**NITE**

Variable type	Original UDS question
Short descriptor	Nighttime behaviors in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	12a	12a	12a
FV question no.	12a	12a	12a
IT question no.			12a
TF question no.		12a	12a

Description/derivation	An option of Unknown ( <b>NITE</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.
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**NITESEV**

Variable type	Original UDS question
Short descriptor	Nighttime behaviors severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no nighttime behaviors reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of Unknown ( <b>NITESEV</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	12b	12b	12b
FV question no.	12b	12b	12b
IT question no.			12b
TF question no.		12b	12b

**APP**

Variable type	Original UDS question
Short descriptor	Appetite and eating problems in the last month
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	13a	13a	13a
FV question no.	13a	13a	13a
IT question no.			13a
TF question no.		13a	13a

Description/derivation	An option of Unknown ( <b>APP</b> =9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.
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**APPSEV**

Variable type	Original UDS question
Short descriptor	Appetite and eating severity
Data type	Numeric longitudinal
Allowable codes	<p>1 = Mild (noticeable, but not a significant change)</p> <p>2 = Moderate (significant, but not a dramatic change)</p> <p>3 = Severe (very marked or prominent; a dramatic change)</p> <p>8 = Not applicable, no appetite or eating problems reported</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation An option of Unknown (**APPSEV**=9) was added to UDS v3.0 and subsequent versions. Also note that the wording in v3.0 and subsequent versions changed to be consistent with the way the NPI-Q was originally intended to be completed; the wording changes are not expected to affect the essential meaning of the question.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	13b	13b	13b
FV question no.	13b	13b	13b
IT question no.			13b
TF question no.		13b	13b

## FORM B6: Geriatric Depression Scale (GDS)

### NOGDS

Variable type	Original UDS question
Short descriptor	Is the subject able to complete the GDS, based on the clinician's best judgment?
Data type	Numeric longitudinal
Allowable codes	0 = Able to complete the GDS 1 = Not able to complete the GDS -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	0Z	G1	G1	
FV question no.	0Z	G1	G1	
IT question no.			G1	
TF question no.		Not applic	Not applic	G1

### SATIS

Variable type	Original UDS question
Short descriptor	Are you basically satisfied with your life?
Data type	Numeric longitudinal
Allowable codes	0 = Yes 1 = No 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	1	1	1	
FV question no.	1	1	1	
IT question no.			1	
TF question no.		Not applic	Not applic	1

### DROFACT

Variable type	Original UDS question
Short descriptor	Have you dropped many of your activities and interests?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	2	2	2	
FV question no.	2	2	2	
IT question no.			2	
TF question no.		Not applic	Not applic	2

**EMPTY**

Variable type	Original UDS question
Short descriptor	Do you feel that your life is empty?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	3	3	3	
FV question no.	3	3	3	
IT question no.			3	
TF question no.		Not applic	Not applic	3

**BORED**

Variable type	Original UDS question
Short descriptor	Do you often get bored?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	4	4	4	
FV question no.	4	4	4	
IT question no.			4	
TF question no.		Not applic	Not applic	4

**SPIRITS**

Variable type	Original UDS question
Short descriptor	Are you in good spirits most of the time?
Data type	Numeric longitudinal
Allowable codes	0 = Yes 1 = No 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	5	5	5	
FV question no.	5	5	5	
IT question no.			5	
TF question no.		Not applic	Not applic	5

**AFRAID**

Variable type	Original UDS question
Short descriptor	Are you afraid that something bad is going to happen to you?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	6	6	6	
FV question no.	6	6	6	
IT question no.			6	
TF question no.		Not applic	Not applic	6

**HAPPY**

Variable type	Original UDS question
Short descriptor	Do you feel happy most of the time?
Data type	Numeric longitudinal
Allowable codes	0 = Yes 1 = No 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	7	7	7	
FV question no.	7	7	7	
IT question no.			7	
TF question no.		Not applic	Not applic	7

**HELPLESS**

Variable type	Original UDS question
Short descriptor	Do you often feel helpless?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	8	8	8	
FV question no.	8	8	8	
IT question no.			8	
TF question no.		Not applic	Not applic	8

**STAYHOME**

Variable type	Original UDS question
Short descriptor	Do you prefer to stay at home, rather than going out and doing new things?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	9	9	9	
FV question no.	9	9	9	
IT question no.			9	
TF question no.		Not applic	Not applic	9

**MEMPROB**

Variable type	Original UDS question
Short descriptor	Do you feel you have more problems with memory than most?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	10	10	10	
FV question no.	10	10	10	
IT question no.			10	
TF question no.		Not applic	Not applic	10

**WONDRFUL**

Variable type	Original UDS question
Short descriptor	Do you think it is wonderful to be alive now?
Data type	Numeric longitudinal
Allowable codes	0 = Yes 1 = No 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

**DATA SOURCE**

Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	11	11	11	
FV question no.	11	11	11	
IT question no.			11	
TF question no.		Not applic	Not applic	11

**WRTHLESS**

Variable type	Original UDS question
Short descriptor	Do you feel pretty worthless the way you are now?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	12	12	12	
FV question no.	12	12	12	
IT question no.			12	
TF question no.		Not applic	Not applic	12

**ENERGY**

Variable type	Original UDS question
Short descriptor	Do you feel full of energy?
Data type	Numeric longitudinal
Allowable codes	0 = Yes 1 = No 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	13	13	13	
FV question no.	13	13	13	
IT question no.			13	
TF question no.		Not applic	Not applic	13

**HOPELESS**

Variable type	Original UDS question
Short descriptor	Do you feel that your situation is hopeless?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	14	14	14	
FV question no.	14	14	14	
IT question no.			14	
TF question no.		Not applic	Not applic	14

**BETTER**

Variable type	Original UDS question
Short descriptor	Do you think that most people are better off than you are?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Did not answer -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Did not answer</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	15	15	15	
FV question no.	15	15	15	
IT question no.			15	
TF question no.		Not applic	Not applic	15

**NACCGDS**

Variable type	NACC derived variable
Short descriptor	Total GDS Score
Data type	Numeric longitudinal
Allowable codes	0 – 15 88 = Could not be calculated -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	In earlier versions of the UDS, Centers were not given instructions on how to calculate the total GDS score if three or fewer GDS items were missing. NACC has created a new derived variable for Total GDS score so that subjects who were given the GDS in the earlier versions of UDS v1 will have a total GDS score if they skipped three or fewer items on the questionnaire. If the subject was missing more than three of the 15 items on the GDS for any UDS version, <b>NACCGDS</b> =88. The UDS Coding Guidebook for Form B6 provides the algorithm for calculating the GDS score when three or fewer items are missing.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	16	16	16	
FV question no.	16	16	16	
IT question no.			16	
TF question no.		Not applic	Not applic	16

## FORM B7: NACC Functional Assessment Scale (FAS)

### BILLS

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Writing checks, paying bills, or balancing a checkbook
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	1
FV question no.	1	1	1
TI question no.			1
TF question no.		1	1

### TAXES

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Assembling tax records, business affairs, or other papers
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question.
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			2
TF question no.		2	2

**SHOPPING**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Shopping alone for clothes, household necessities, or groceries
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Has difficulty, but does by self</p> <p>2 = Requires assistance</p> <p>3 = Dependent</p> <p>8 = Not applicable (e.g., never did)</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent

versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	3
FV question no.	3	3	3
TI question no.			3
TF question no.		3	3

**GAMES**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Playing a game of skill such as bridge or chess, working on a hobby
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Has difficulty, but does by self</p> <p>2 = Requires assistance</p> <p>3 = Dependent</p> <p>8 = Not applicable (e.g., never did)</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	An option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4	4	4
FV question no.	4	4	4
TI question no.			4
TF question no.		4	4

**STOVE**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Heating water, making a cup of coffee, turning off the stove
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Has difficulty, but does by self</p> <p>2 = Requires assistance</p> <p>3 = Dependent</p> <p>8 = Not applicable (e.g., never did)</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	5
FV question no.	5	5	5
TI question no.			5
TF question no.		5	5

**MEALPREP**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Preparing a balanced meal
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal</p> <p>1 = Has difficulty, but does by self</p> <p>2 = Requires assistance</p> <p>3 = Dependent</p> <p>8 = Not applicable (e.g., never did)</p> <p>9 = Unknown</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	6
FV question no.	6	6	6
TI question no.			6
TF question no.		6	6

**EVENTS**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Keeping track of current events
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal      1 = Has difficulty, but does by self      2 = Requires assistance      3 = Dependent      8 = Not applicable (e.g., never did)      9 = Unknown      -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent

versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7	7	7
FV question no.	7	7	7
TI question no.			7
TF question no.		7	7

**PAYATTN**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Paying attention to and understanding a TV program, book, or magazine
Data type	Numeric longitudinal
Allowable codes	<p>0 = Normal      1 = Has difficulty, but does by self      2 = Requires assistance      3 = Dependent      8 = Not applicable (e.g., never did)      9 = Unknown      -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	8
FV question no.	8	8	8
TI question no.			8
TF question no.		8	8

**REMDATES**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Remembering appointments, family occasions, holidays, medications
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9	9	9
FV question no.	9	9	9
TI question no.			9
TF question no.		9	9

**TRAVEL**

Variable type	Original UDS question
Short descriptor	In the past four weeks, did the subject have any difficulty or need help with: Traveling out of the neighborhood, driving, or arranging to take public transportation
Data type	Numeric longitudinal
Allowable codes	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that an option of <b>9=Unknown</b> was added to UDS v3.0 and subsequent versions.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10	10	10
FV question no.	10	10	10
TI question no.			10
TF question no.		10	10

## FORM B8: Physical/ Neurological Exam Findings

### NACCNREX

Variable type	NACC derived variable
Short descriptor	Were all findings unremarkable?
Data type	Numeric longitudinal
Allowable codes	0 = Abnormal findings 1 = No abnormal findings or findings normal for age 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	The first question on abnormal findings on Form B8 differed slightly between UDS v1–v2 and UDS v3. This derived variable provides a comparable summary of the presence of abnormal findings across UDS versions. Please see <a href="#">NORMEXAM</a> below for the more detailed information that was collected on abnormal findings in UDS v3.0 only.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	1
FV question no.	1	1	1
TI question no.			1
TF question no.		Not applic	Not applic

### NORMEXAM

Variable type	Original UDS question
Short descriptor	Were there abnormal neurological exam findings?
Data type	Numeric longitudinal
Allowable codes	0 = No abnormal findings 1 = Yes — abnormal findings were consistent with syndromes listed in Questions 2-8 2 = Yes — abnormal findings were consistent with age-associated changes or irrelevant to dementing disorders (e.g., Bell's palsy) -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was collected only in UDS v3.0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1
FV question no.	Not applic	Not applic	1
TI question no.			1
TF question no.		Not applic	Not applic

**FOCLDEF**

Variable type	Original UDS question
Short descriptor	Are focal deficits present indicative of central nervous system disorder?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	Not applic
FV question no.	2	2	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**GAITDIS**

Variable type	Original UDS question
Short descriptor	Is gait disorder present indicative of central nervous system disorder?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	Not applic
FV question no.	3	3	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**EYEMOVE**

Variable type	Original UDS question
Short descriptor	Are there eye movement abnormalities present indicative of central nervous system disorder?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4	4	Not applic
FV question no.	4	4	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**PARKSIGN**

Variable type	Original UDS question
Short descriptor	Parkinsonian signs
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2
FV question no.	Not applic	Not applic	2
TI question no.			2
TF question no.		Not applic	Not applic

**RESTTRL**

Variable type	Original UDS question
Short descriptor	Resting tremor — left arm
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>RESTTRL</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a1
FV question no.	Not applic	Not applic	2a1
TI question no.			2a1
TF question no.		Not applic	Not applic

**RESTTRR**

Variable type	Original UDS question
Short descriptor	Resting tremor — right arm
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>RESTTRR</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2a2
FV question no.	Not applic	Not applic	2a2
TI question no.			2a2
TF question no.		Not applic	Not applic

**SLOWINGL**

Variable type	Original UDS question
Short descriptor	Slowing of fine motor movements — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>SLOWINGL</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2b1
FV question no.	Not applic	Not applic	2b1
TI question no.			2b1
TF question no.		Not applic	Not applic

**SLOWINGR**

Variable type	Original UDS question
Short descriptor	Slowing of fine motor movements — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>SLOWINGR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2b2
FV question no.	Not applic	Not applic	2b2
TI question no.			2b2
TF question no.		Not applic	Not applic

**RIGIDL**

Variable type	Original UDS question
Short descriptor	Rigidity — left arm
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>RIGIDL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2c1
FV question no.	Not applic	Not applic	2c1
TI question no.			2c1
TF question no.		Not applic	Not applic

**RIGIDR**

Variable type	Original UDS question
Short descriptor	Rigidity — right arm
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>RIGIDR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2c2
FV question no.	Not applic	Not applic	2c2
TI question no.			2c2
TF question no.		Not applic	Not applic

**BRADY**

Variable type	Original UDS question
Short descriptor	Bradykinesia
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>BRADY</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2d
FV question no.	Not applic	Not applic	2d
TI question no.			2d
TF question no.		Not applic	Not applic

**PARKGAIT**

Variable type	Original UDS question
Short descriptor	Parkinsonian gait disorder
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>PARKGAIT</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2e
FV question no.	Not applic	Not applic	2e
TI question no.			2e
TF question no.		Not applic	Not applic

**POSTINST**

Variable type	Original UDS question
Short descriptor	Postural instability
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no Parkinsonian signs ( <b>PARKSIGN</b> =0), then <b>POSTINST</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2f
FV question no.	Not applic	Not applic	2f
TI question no.			2f
TF question no.		Not applic	Not applic

**CVDSIGNS**

Variable type	Original UDS question
Short descriptor	Neurological sign considered by examiner to be most likely consistent with cerebrovascular disease
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3
FV question no.	Not applic	Not applic	3
TI question no.			3
TF question no.		Not applic	Not applic

**CORTDEF**

Variable type	Original UDS question
Short descriptor	Cortical cognitive deficit (e.g., aphasia, apraxia, neglect)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>CORTDEF</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3a
FV question no.	Not applic	Not applic	3a
TI question no.			3a
TF question no.		Not applic	Not applic

**SIVDFIND**

Variable type	Original UDS question
Short descriptor	Focal or other neurological findings consistent with SIVD (subcortical ischemic vascular dementia)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>SIVDFIND</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3b
FV question no.	Not applic	Not applic	3b
TI question no.			3b
TF question no.		Not applic	Not applic

**CVDMOTL**

Variable type	Original UDS question
Short descriptor	Motor (may include weakness of combination of face, arm, and leg; reflex changes, etc.) — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>CVDMOTL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3c1
FV question no.	Not applic	Not applic	3c1
TI question no.			3c1
TF question no.		Not applic	Not applic

**CVDMOTR**

Variable type	Original UDS question
Short descriptor	Motor (may include weakness of combination of face, arm, and leg; reflex changes, etc.) — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>CVDMOTR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3c2
FV question no.	Not applic	Not applic	3c2
TI question no.			3c2
TF question no.		Not applic	Not applic

**CORTVISL**

Variable type	Original UDS question
Short descriptor	Cortical visual field loss — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>CORTVISL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3d1
FV question no.	Not applic	Not applic	3d1
TI question no.			3d1
TF question no.		Not applic	Not applic

**CORTVISR**

Variable type	Original UDS question
Short descriptor	Cortical visual field loss — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>CORTVISR</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3d2
FV question no.	Not applic	Not applic	3d2
TI question no.			3d2
TF question no.		Not applic	Not applic

**SOMATL**

Variable type	Original UDS question
Short descriptor	Somatosensory loss — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>SOMATL</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3e1
FV question no.	Not applic	Not applic	3e1
TI question no.			3e1
TF question no.		Not applic	Not applic

**SOMATR**

Variable type	Original UDS question
Short descriptor	Somatosensory loss — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no CVD signs ( <b>CVDSIGNS</b> =0), then <b>SOMATR</b> =0.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3e2
FV question no.	Not applic	Not applic	3e2
TI question no.			3e2
TF question no.		Not applic	Not applic

**POSTCORT**

Variable type	Original UDS question
Short descriptor	Higher cortical visual problem suggesting posterior cortical atrophy (e.g., prosopagnosia, simultagnosia, Balint's syndrome) or apraxia of gaze
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4
FV question no.	Not applic	Not applic	4
TI question no.			4
TF question no.		Not applic	Not applic

**PSPCBS**

Variable type	Original UDS question
Short descriptor	Findings suggestive of progressive supranuclear palsy (PSP), corticobasal syndrome (CBS), or other related disorders
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5
FV question no.	Not applic	Not applic	5
TI question no.			5
TF question no.		Not applic	Not applic

**EYEPSP**

Variable type	Original UDS question
Short descriptor	Eye movement changes consistent with PSP
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>EYEPSP</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5a
FV question no.	Not applic	Not applic	5a
TI question no.			5a
TF question no.		Not applic	Not applic

**DYSPSP**

Variable type	Original UDS question
Short descriptor	Dysarthria consistent with PSP
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>DYSPSP</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5b
FV question no.	Not applic	Not applic	5b
TI question no.			5b
TF question no.		Not applic	Not applic

**AXIALPSP**

Variable type	Original UDS question
Short descriptor	Axial rigidity consistent with PSP
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>AXIALPSP</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5c
FV question no.	Not applic	Not applic	5c
TI question no.			5c
TF question no.		Not applic	Not applic

**GAITPSP**

Variable type	Original UDS question
Short descriptor	Gait disorder consistent with PSP
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>GAITPSP</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5d
FV question no.	Not applic	Not applic	5d
TI question no.			5d
TF question no.		Not applic	Not applic

**APRAXSP**

Variable type	Original UDS question
Short descriptor	Apraxia of speech
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>APRAXSP</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5e
FV question no.	Not applic	Not applic	5e
TI question no.			5e
TF question no.		Not applic	Not applic

**APRAXL**

Variable type	Original UDS question
Short descriptor	Apraxia consistent with CBS — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>APRAXL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f1
FV question no.	Not applic	Not applic	5f1
TI question no.			5f1
TF question no.		Not applic	Not applic

**APRAXR**

Variable type	Original UDS question
Short descriptor	Apraxia consistent with CBS — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>APRAXR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5f2
FV question no.	Not applic	Not applic	5f2
TI question no.			5f2
TF question no.		Not applic	Not applic

**CORTSENL**

Variable type	Original UDS question
Short descriptor	Cortical sensory deficits consistent with CBS — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>CORTSENL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5g1
FV question no.	Not applic	Not applic	5g1
TI question no.			5g1
TF question no.		Not applic	Not applic

**CORTSENR**

Variable type	Original UDS question
Short descriptor	Cortical sensory deficits consistent with CBS — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>CORTSENR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5g2
FV question no.	Not applic	Not applic	5g2
TI question no.			5g2
TF question no.		Not applic	Not applic

**ATAXL**

Variable type	Original UDS question
Short descriptor	Ataxia consistent with CBS — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>ATAXL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5h1
FV question no.	Not applic	Not applic	5h1
TI question no.			5h1
TF question no.		Not applic	Not applic

**ATAXR**

Variable type	Original UDS question
Short descriptor	Ataxia consistent with CBS — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>ATAXR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5h2
FV question no.	Not applic	Not applic	5h2
TI question no.			5h2
TF question no.		Not applic	Not applic

**ALIENLMD**

Variable type	Original UDS question
Short descriptor	Alien limb consistent with CBS — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>ALIENLMD</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5i1
FV question no.	Not applic	Not applic	5i1
TI question no.			5i1
TF question no.		Not applic	Not applic

**ALIENLMR**

Variable type	Original UDS question
Short descriptor	Alien limb consistent with CBS — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>ALIENLMR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5i2
FV question no.	Not applic	Not applic	5i2
TI question no.			5i2
TF question no.		Not applic	Not applic

**DYSTONL**

Variable type	Original UDS question
Short descriptor	Dystonia consistent with CBS, PSP, or related disorder — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>DYSTONL</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5j1
FV question no.	Not applic	Not applic	5j1
TI question no.			5j1
TF question no.		Not applic	Not applic

**DYSTONR**

Variable type	Original UDS question
Short descriptor	Dystonia consistent with CBS, PSP, or related disorder — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>DYSTONR</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5j2
FV question no.	Not applic	Not applic	5j2
TI question no.			5j2
TF question no.		Not applic	Not applic

**MYOCLLT**

Variable type	Original UDS question
Short descriptor	Myoclonus consistent with CBS — left side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>MYOCLLT</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5k1
FV question no.	Not applic	Not applic	5k1
TI question no.			5k1
TF question no.		Not applic	Not applic

**MYOCLRT**

Variable type	Original UDS question
Short descriptor	Myoclonus consistent with CBS — right side
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	If the subject was indicated as having no PSP OR CBS signs ( <b>PSPCBS</b> =0), then <b>MYOCLRT</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5k2
FV question no.	Not applic	Not applic	5k2
TI question no.			5k2
TF question no.		Not applic	Not applic

**ALSFIND**

Variable type	Original UDS question
Short descriptor	Findings suggesting ALS (e.g., muscle wasting, fasciculations, upper motor and/or lower motor neuron signs)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6
FV question no.	Not applic	Not applic	6
TI question no.			6
TF question no.		Not applic	Not applic

**GAITNPH**

Variable type	Original UDS question
Short descriptor	Normal pressure hydrocephalus — gait apraxia
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7
FV question no.	Not applic	Not applic	7
TI question no.			7
TF question no.		Not applic	Not applic

**OTHNEUR**

Variable type	Original UDS question
Short descriptor	Other findings (e.g., cerebella ataxia, chorea, myoclonus)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	8
FV question no.	Not applic	Not applic	8
TI question no.			8
TF question no.		Not applic	Not applic

**OTHNEURX**

Variable type	Original UDS question
Short descriptor	Other findings (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another finding is indicated ( <b>OTHNEUR=1</b> ), it will be listed here; otherwise, this variable will be blank.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	8a
FV question no.	Not applic	Not applic	8a
TI question no.			8a
TF question no.		Not applic	Not applic

## FORM B9: Clinician Judgment of Symptoms

### B9CHG

Variable type	Original UDS question	DATA SOURCE		
Short descriptor	Indicate changes in information reported at previous visit	Uniform Data Set (UDS)		
Data type	Numeric longitudinal	Form, version	v1.2	v2.0
Allowable codes	1=There have been no meaningful changes in the subject's cognition, behavior, or motor function since the previous UDS visit  2= At the previous UDS visit, the clinician DID NOT report a decline in the subject's memory, non-memory cognitive abilities, behavior, or motor function. However, there have been meaningful changes since then  3 = At the previous UDS visit, the clinician DID report a decline in the subject's memory, non-memory cognitive abilities, behavior, or motor function. Since then, there have been additional meaningful changes  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question	IV question no.	Not applic	Not applic
		FV question no.	OZ	Not applic
		TI question no.		Not applic
		TF question no.		Not applic

### DECSUB

Variable type	Original UDS question	DATA SOURCE		
Short descriptor	Does the subject report a decline in memory (relative to previously attained abilities)?	Uniform Data Set (UDS)		
Data type	Numeric longitudinal	Form, version	v1.2	v2.0
Allowable codes	0=No 1=Yes 8=Could not be assessed/subject too impaired 9=Unknown	IV question no.	1	1
Description/derivation	Note that "Could not be assessed/subject too impaired" (DECSUB=8) was added in UDS3 and was not an available option in versions 1–2.  Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (B9CHG=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.	FV question no.	1	1
		TI question no.		1
		TF question no.		1

**DECIN**

Variable type	Original UDS question
Short descriptor	Does the co-participant report a decline in subject's memory (relative to previously attained abilities)?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 8=There is no co-participant 9=Unknown

Description/derivation Note that "There is no co-participant" (**DECIN**=8) was added in UDS3 and was not an available option in versions 1–2.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			2
TF question no.		2	2

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**DECCLIN**

Variable type	Original UDS question
Short descriptor	Clinician believes there is a meaningful decline in memory, non-memory cognitive abilities, behavior, ability to manage his/her affairs, or there are motor/movement changes.
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This question assessed possible presence of motor/movement changes in UDS v2.0 but not in UDS v1.2; therefore, subjects assessed with UDS v1.2 of this form may have had motor/movement symptoms and would have **DECCLIN**=0 (No). Thus, some subjects may have **DECCLIN**=0 but still have one or more cognitive, behavioral, or motor symptoms reported as present.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a	3a	Not applic
FV question no.	3a	3a	Not applic
TI question no.			Not applic
TF question no.		3a	Not applic

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**DECCLCOG**

Variable type	Original UDS question
Short descriptor	Based on the clinician's judgment, is the subject currently experiencing meaningful impairment in cognition?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3
FV question no.	Not applic	Not applic	3
TI question no.			3
TF question no.		Not applic	3

**COGMEM**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in memory
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4a	4a	4a
FV question no.	4a	4a	4a
TI question no.			4a
TF question no.		4a	4a

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**COGORI**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in orientation
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4b
FV question no.	Not applic	Not applic	4b
TI question no.			4b
TF question no.		Not applic	4b

**COGJUDG**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in executive function — judgment, planning, or problem-solving
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b	4b	4c
FV question no.	4b	4b	4c
TI question no.			4c
TF question no.		4b	4c

Description/derivation	Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” ( <b>B9CHG</b> =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.
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**COGLANG**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in language
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4c	4c	4d
FV question no.	4c	4c	4d
TI question no.			4d
TF question no.		4c	4d

Description/derivation	Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” ( <b>B9CHG</b> =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.
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**COGVIS**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in visuospatial function
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4d	4d	4e
FV question no.	4d	4d	4e
TI question no.			4e
TF question no.		4d	4e

Description/derivation	Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” ( <b>B9CHG</b> =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.
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**COGATTN**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in attention or concentration
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	4e	4e	4f
FV question no.	4e	4e	4f
TI question no.			4f
TF question no.		4e	4f

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**COGFLUC**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently has fluctuating cognition
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	4f	4g
FV question no.	Not applic	4f	4g
TI question no.			4g
TF question no.		4f	4g

**COGFLAGO**

Variable type	Original UDS question
Short descriptor	At what age did the fluctuating cognition begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, no or unknown fluctuating cognition 999=Age unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4g1
FV question no.	Not applic	Not applic	4g1
TI question no.			4g1
TF question no.		Not applic	4g1

Description/derivation For follow-up and telephone visits where it is recorded that the age at which fluctuating cognition began is the same as previously reported (**COGFLAGO**=777), the previous value is carried forward to facilitate analysis.

**COGOTHR**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in other cognitive domains
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Description/derivation This variable is best viewed as an indicator variable for any other type of cognitive symptoms that the Center chose to report about the subject.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4f	4g	4h
FV question no.	4f	4g	4h
TI question no.			4h
TF question no.		4g	4h

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**COGOTHRX**

Variable type	Original UDS question
Short descriptor	Specification of other cognitive impairment
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If other cognitive domains are indicated as impaired ( <b>COGOTHR</b> =1), the other cognitive impairment will be listed here, otherwise, it will be blank.

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4f1	4g1	4h1
FV question no.	4f1	4g1	4h1
TI question no.			4h1
TF question no.		4g1	4h1

**NACCCOGF**

Variable type	NACC derived variable
Short descriptor	Indicate the predominant symptom that was first recognized as a decline in the subject's cognition
Data type	Numeric cross-sectional
Allowable codes	0=No impairment in cognition 1=Memory 2=Orientation 3=Executive function — judgment, planning, problem-solving 4=Language 5=Visuospatial function 6=Attention/concentration 7=Fluctuating cognition 8=Other (specify) 99=Unknown

Description/derivation For v3.0 follow-up and telephone visits where it is recorded that the predominant symptom that was first recognized as a decline in the subject's cognition is the same as previously reported, the previous value is carried forward in order to facilitate analysis.

Note that the predominant symptom that was first recognized as a decline in the subject's cognition can vary from one visit to another, especially if multiple disease etiologies are recorded. Thus, it is important to relate NACCCOGF to the diagnosis of interest.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (B9CHG=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit assessing using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not impacted by this change.

**NACCCGFX**

Variable type	NACC derived variable
Short descriptor	Specification for other predominant symptom first recognized as a decline in the subject's cognition
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If another symptom first recognized as a decline in cognition is indicated (NACCCOGF=8), it will be listed here; otherwise, this variable will be blank.
Description/derivation	Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (B9CHG=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	5
FV question no.	5	5	5
TI question no.			5
TF question no.		5	5

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	5a	5a	5a
FV question no.	5a	5a	5a
TI question no.			5a
TF question no.		5a	5a

**COGMODE**

Variable type	Original UDS question
Short descriptor	Mode of onset of cognitive symptoms
Data type	Numeric longitudinal
Allowable codes	0=No impairment in cognition 1=Gradual 2=Subacute 3=Abrupt 4=Other (specify) 99=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	6
FV question no.	6	6	6
TI question no.			6
TF question no.		6	6

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**COGMODEX**

Variable type	Original UDS question
Short descriptor	Specification for other mode of onset of cognitive symptoms
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another mode of onset of cognitive symptoms is indicated ( <b>COGMODE</b> =4), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	6a
FV question no.	6a	6a	6a
TI question no.			6a
TF question no.		6a	6a

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**DECAGE**

Variable type	Original UDS question
Short descriptor	Based on clinician’s assessment, at what age did the cognitive decline begin?
Data type	Numeric longitudinal
Allowable codes	15-110 888=No impairment in cognition 999=Age unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3b	3b	7
FV question no.	3b	3b	7
TI question no.			7
TF question no.		3b	7

Description/derivation For v3 follow-up and telephone visits where the age at which cognitive decline began is the same as previously reported, the previous value is carried forward in order to facilitate analysis.

Please note that for a few subjects the age of onset of cognitive decline is reported inconsistently over time. In this case, the most recently reported age of onset is usually the best data available; however, the first age reported may be more appropriate depending on your study design.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**DECCLBE**

Variable type	Original UDS question
Short descriptor	Based on clinician's judgment, is the subject currently experiencing any kind of behavioral symptoms?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	8
FV question no.	Not applic	Not applic	8
TI question no.			8
TF question no.		Not applic	8

**BEAPATHY**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Apathy, withdrawal
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a	7a	9a
FV question no.	7a	7a	9a
TI question no.			9a
TF question no.		7a	9a

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEDEP**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Depressed mood
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b	7b	9b
FV question no.	7b	7b	9b
TI question no.			9b
TF question no.		7b	9b

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEVHALL**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Psychosis — Visual hallucinations
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7c1	7c1	9c1
FV question no.	7c1	7c1	9c1
TI question no.			9c1
TF question no.		7c1	9c1

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEWELL**

Variable type	Original UDS question
Short descriptor	If yes, are the hallucinations well-formed and detailed?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 8=Not applicable, no visual hallucinations 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7c1a	9c1a
FV question no.	Not applic	7c1a	9c1a
TI question no.			9c1a
TF question no.		7c1a	9c1a

**BEVHAGO**

Variable type	Original UDS question
Short descriptor	If well-formed, clear-cut visual hallucinations, at what age did these hallucinations begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, no well-formed visual hallucinations -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	9c1b
FV question no.	Not applic	Not applic	9c1b
TI question no.			9c1b
TF question no.		Not applic	9c1b

Description/derivation For follow-up and telephone visits where it is recorded that the age at which these hallucinations began is the same as previously reported (**BEVHAGO**=777), the previous value is carried forward in order to facilitate analysis.

**BEAHALL**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Psychosis — Auditory hallucinations
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7c2	7c2	9c2
FV question no.	7c2	7c2	9c2
TI question no.			9c2
TF question no.		7c2	9c2

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEDEL**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Psychosis — Abnormal, false, or delusional beliefs
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7c3	7c3	9c3
FV question no.	7c3	7c3	9c3
TI question no.			9c3
TF question no.		7c3	9c3

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEDISIN**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Disinhibition
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7d	7d	9d
FV question no.	7d	7d	9d
TI question no.			9d
TF question no.		7d	9d

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEIRRIT**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Irritability
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7e	7e	9e
FV question no.	7e	7e	9e
TI question no.			9e
TF question no.		7e	9e

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEAGIT**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Agitation
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7f	7f	9f
FV question no.	7f	7f	9f
TI question no.			9f
TF question no.		7f	9f

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEPERCH**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Personality change
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7g	7g	9g
FV question no.	7g	7g	9g
TI question no.			9g
TF question no.		7g	9g

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEREM**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — REM sleep behavior disorder
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7h	9h
FV question no.	Not applic	7h	9h
TI question no.			9h
TF question no.		7h	9h

**BEREMAGO**

Variable type	Original UDS question
Short descriptor	If yes, at what age did the REM sleep behavior disorder begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, no REM sleep behavior disorder -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For follow-up and telephone visits where it is recorded that the age at which these hallucinations began is the same as previously reported ( <b>BEREMAGO</b> =777), the previous value is carried forward in order to facilitate analysis.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	9h1
FV question no.	Not applic	Not applic	9h1
TI question no.			9h1
TF question no.		Not applic	9h1

**BEANX**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Anxiety
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	9i
FV question no.	Not applic	Not applic	9i
TI question no.			9i
TF question no.		Not applic	9i

**BEOTHR**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Other
Data type	Numeric longitudinal
Allowable codes	0=No/unknown 1=Yes

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7h	7i	9j
FV question no.	7h	7i	9j
TI question no.			9j
TF question no.		7i	9j

Description/derivation This variable is best viewed as an indicator variable for any other type of behavioral symptoms that the Center chose to report about the subject.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEOTHRX**

Variable type	Original UDS question
Short descriptor	Subject currently manifests meaningful change in behavior — Other, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another change in behavior is indicated ( <b>BEOTHR</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7h1	7i1	9j1
FV question no.	7h1	7i1	9j1
TI question no.			9j1
TF question no.		7i1	9j1

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**NACCBEHF**

Variable type	NACC derived variable
Short descriptor	Indicate the predominant symptom that was first recognized as a decline in the subject's behavior
Data type	Numeric cross-sectional
Allowable codes	0=No behavioral symptoms 1=Apathy/withdrawal 2=Depressed mood 3=Psychosis 4=Disinhibition 5=Irritability 6=Agitation 7=Personality change 8=REM sleep behavior disorder 9=Anxiety 10=Other (specify) 99=Unknown

Description/derivation For v3 follow-up and telephone visits where it is recorded that the predominant symptom that was first recognized as a decline in the subject's behavior is the same as previously reported, the previous value is carried forward in order to facilitate analysis.

Note that the predominant symptom that was first recognized as a decline in the subject's behavior can vary from one visit to another, especially if multiple disease etiologies are recorded. Thus, it is important to relate [NACCBEGF](#) to the diagnosis of interest.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (B9CHG =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	10
FV question no.	8	8	10
TI question no.			10
TF question no.		8	10

**. NACCBEFX**

Variable type	NACC derived variable
Short descriptor	Specification of other predominant symptom that was first recognized as a decline in the subject's behavior
Data type	Character cross-sectional
Allowable codes	Any text or numbers
Description/derivation	If another symptom first recognized as a decline in behavior is indicated ( <a href="#">NACCBEHF</a> =10), it will be listed here; otherwise, this variable will be blank.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" (B9CHG =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	8a	8a	10a
FV question no.	8a	8a	10a
TI question no.			10a
TF question no.		8a	10a

**BEMODE**

Variable type	Original UDS question
Short descriptor	Mode of onset of behavioral symptoms
Data type	Numeric longitudinal
Allowable codes	0=No behavioral symptoms 1=Gradual 2=Subacute 3=Abrupt 4=Other (specify) 99=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9	9	11
FV question no.	9	9	11
TI question no.			11
TF question no.		9	11

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEMODEX**

Variable type	Original UDS question
Short descriptor	Specification of other mode of onset of behavioral symptoms
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another mode of onset of behavioral symptoms is indicated ( <b>BEMODE</b> =4), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9a	9a	11a
FV question no.	9a	9a	11a
TI question no.			11a
TF question no.		9a	11a

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**BEAGE**

Variable type	Original UDS question
Short descriptor	Based on the clinician's assessment, at what age did the behavioral symptoms begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, no behavioral symptoms 999=Age unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	12
FV question no.	Not applic	Not applic	12
TI question no.			12
TF question no.		Not applic	12

Description/derivation For follow-up and telephone visits where it is recorded that the age at which the behavioral symptoms began is the same as previously reported (**BEAGE**=777), the previous value is carried forward in order to facilitate analysis.

**DECCLMOT**

Variable type	Original UDS question
Short descriptor	Based on the clinician's judgment, is the subject currently experiencing any motor symptoms?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	13
FV question no.	Not applic	Not applic	13
TI question no.			13
TF question no.		Not applic	13

**MOGAIT**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently has meaningful changes in motor function — Gait disorder
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10a	10a	14a
FV question no.	10a	10a	14a
TI question no.			14a
TF question no.		10a	14a

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**MOFALLS**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently has meaningful changes in motor function — Falls
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10b	10b	14b
FV question no.	10b	10b	14b
TI question no.			14b
TF question no.		10b	14b

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**MOTREM**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently has meaningful changes in motor function — Tremor
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG=1**) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes *were* reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10c	10c	14c
FV question no.	10c	10c	14c
TI question no.			14c
TF question no.		10c	14c

**MOSLOW**

Variable type	Original UDS question
Short descriptor	Indicate whether the subject currently has meaningful changes in motor function — Slowness
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 9=Unknown

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG=1**) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes *were* reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10d	10d	14d
FV question no.	10d	10d	14d
TI question no.			14d
TF question no.		10d	14d

**NACCMOTF**

Variable type	NACC derived variable
Short descriptor	Indicate the predominant symptom that was first recognized as a decline in the subject's motor function
Data type	Numeric longitudinal
Allowable codes	0=No motor symptoms 1=Gait disorder 2=Falls 3=Tremor 4=Slowness 99=Unknown

Description/derivation For v3 follow-up and telephone visits where it is recorded that the predominant symptom that was first recognized as a decline in the subject's motor symptom is the same as previously reported, the previous value is carried forward in order to facilitate analysis.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	11	11	15
FV question no.	11	11	15
TI question no.			15
TF question no.		11	15

Note that the predominant symptom that was first recognized as a decline in the subject's motor symptom can vary from one visit to another, especially if multiple disease etiologies are recorded. Thus, it is important to relate **NACCMOTF** to the diagnosis of interest.

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG=1**) was selected, the clinician did not complete the rest of the form. In these

cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit assessing using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

#### MOMODE

Variable type	Original UDS question
Short descriptor	Mode of onset of motor symptoms
Data type	Numeric longitudinal
Allowable codes	0=No motor symptoms 1=Gradual 2=Subacute 3=Abrupt 4=Other 99=Unknown

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes *were* reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12	12	16
FV question no.	12	12	16
TI question no.			16
TF question no.		12	16

#### MOMODEX

Variable type	Original UDS question
Short descriptor	Specification for other mode of onset of motor symptoms
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another mode of onset of motor symptoms is indicated ( <b>MOMODE</b> =4), it will be listed here; otherwise, this variable will be blank.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12x	12x	16a
FV question no.	12x	12x	16a
TI question no.			16a
TF question no.		12x	16a

Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes *were* reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**MOMOPARK**

Variable type	Original UDS question
Short descriptor	Were changes in motor function suggestive of Parkinsonism?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 8=Not applicable, no motor changes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	12a	17
FV question no.	Not applic	12a	17
TI question no.			17
TF question no.		12a	17

**PARKAGE**

Variable type	Original UDS question
Short descriptor	If yes, at what age did the motor symptoms suggestive of Parkinsonism begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, no Parkinsonism 999 =Age unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For follow-up and telephone visits where it is recorded that the age at which the motor symptoms suggestive of Parkinsonism began is the same as previously reported ( <b>PARKAGE</b> =777), the previous value is carried forward in order to facilitate analysis.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	17a
FV question no.	Not applic	Not applic	17a
TI question no.			17a
TF question no.		Not applic	17a

**MOMOALS**

Variable type	Original UDS question
Short descriptor	Were changes in motor function suggestive of amyotrophic lateral sclerosis?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes 8=Not applicable, no motor function changes 9=Unknown -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	18
FV question no.	Not applic	Not applic	18
TI question no.			18
TF question no.		Not applic	18

**ALSAGE**

Variable type	Original UDS question
Short descriptor	If yes, at what age did the motor symptoms suggestive of ALS begin?
Data type	Numeric cross-sectional
Allowable codes	15–110 888=Not applicable, No ALS -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For follow-up and telephone visits where it is recorded that the age at which the motor symptoms suggestive of ALS began is the same as previously reported ( <b>ALSAGE</b> =777), the previous value is carried forward in order to facilitate analysis.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	18a
FV question no.	Not applic	Not applic	18a
TI question no.			18a
TF question no.		Not applic	18a

**MOAGE**

Variable type	Original UDS question
Short descriptor	Based on the clinician's assessment, at what age did the motor changes begin?
Data type	Numeric cross-sectional
Allowable codes	9 – 110 888= No motor symptoms -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	For follow-up and telephone visits where it is recorded that the age at which the motor changes began is the same as previously reported ( <b>MOAGE</b> =777), the previous value is carried forward in order to facilitate analysis.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	19
FV question no.	Not applic	Not applic	19
TI question no.			19
TF question no.		Not applic	19

**COURSE**

Variable type	Original UDS question
Short descriptor	Overall course of decline of cognitive/behavioral/motor syndrome
Data type	Numeric longitudinal
Allowable codes	1=Gradually progressive 2=Stepwise 3=Static 4=Fluctuating 5=Improved 8=Not applicable 9=Unknown
Description/derivation	Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If "No meaningful changes" ( <b>B9CHG</b> =1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	13	13	20
FV question no.	13	13	20
TI question no.			20
TF question no.		13	20

**FRSTCHG**

Variable type	Original UDS question
Short descriptor	Indicate the predominant domain that was first recognized as changed in the subject
Data type	Numeric longitudinal
Allowable codes	1=Cognition 2=Behavior 3=Motor function 8=Not applicable 9=Unknown

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	14	14	21
FV question no.	14	14	21
TI question no.			21
TF question no.		14	21

Description/derivation Please note that in version 1.2 of the UDS, the follow-up visit form asked for changes since the previous visit. If “No meaningful changes” (**B9CHG**=1) was selected, the clinician did not complete the rest of the form. In these cases, NACC has brought forward data from the previous visit. In cases where changes were reported on the form, the new data are provided longitudinally as recorded by the clinician. These changes apply only to those subjects who had a UDS follow-up visit using version 1.2 of the UDS (2005–2008); data collected using versions 2 and 3 of the UDS are not affected by this change.

**LBDEVAL**

Variable type	Original UDS question
Short descriptor	Is the subject a potential candidate for further evaluation for Lewy body disease?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	22
FV question no.	Not applic	Not applic	22
TI question no.			22
TF question no.		Not applic	22

**FTLDEVAL**

Variable type	Original UDS question
Short descriptor	Is the subject a potential candidate for further evaluation for frontotemporal lobar degeneration?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4= Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	23
FV question no.	Not applic	Not applic	23
TI question no.			23
TF question no.		Not applic	23

# FORMS C1, C2, C2T: Neuropsychological Battery Summary Scores

## MMSECOMP

Variable type	Original UDS question
Short descriptor	Was any part of the MMSE completed?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	Not applic
FV question no.	Not applic	Not applic	1 (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

## MMSELOC

Variable type	Original UDS question
Short descriptor	Administration of the MMSE was:
Data type	Numeric longitudinal
Allowable codes	1=In ADC/clinic 2=In home 3=In person — other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a (Form C1)	1a (Form C1)	Not applic
FV question no.	1a (Form C1)	1a (Form C1)	1a (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

## MMSELAN

Variable type	Original UDS question
Short descriptor	Language of MMSE administration
Data type	Numeric longitudinal
Allowable codes	1=English 2=Spanish 3=Other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a1 (Form C1)	1a1 (Form C1)	Not applic (Form C1)
FV question no.	1a1 (Form C1)	1a1 (Form C1)	1a1 (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

## MMSELANX

Variable type	Original UDS question
Short descriptor	Language of MMSE administration — Other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another language of MMSE administration is reported at any visit ( <b>MMSELAN</b> =3), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1a2 (Form C1)	1a2 (Form C1)	Not applic
FV question no.	1a2 (Form C1)	1a2 (Form C1)	1a2 (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MMSEVIS**

Variable type	Original UDS question
Short descriptor	Subject was unable to complete one or more sections due to visual impairment
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	Not applic
FV question no.	Not applic	Not applic	1b (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MMSEHEAR**

Variable type	Original UDS question
Short descriptor	Subject was unable to complete one or more sections due to hearing impairment
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	Not applic
FV question no.	Not applic	Not applic	1c (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MMSEORDA**

Variable type	Original UDS question
Short descriptor	Orientation subscale score — Time
Data type	Numeric longitudinal
Allowable codes	0–5 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1b1 (Form C1)	1b1 (Form C1)	Not applic
FV question no.	1b1 (Form C1)	1b1 (Form C1)	1d1 (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MMSEORLO**

Variable type	Original UDS question
Short descriptor	Orientation subscale score — Place
Data type	Numeric longitudinal
Allowable codes	0–5 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1b2 (Form C1)	1b2 (Form C1)	Not applic
FV question no.	1b2 (Form C1)	1b2 (Form C1)	1d2 (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**PENTAGON**

Variable type	Original UDS question
Short descriptor	Intersecting pentagon subscale score
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

**NACCMMSE**

Variable type	NACC derived variable
Short descriptor	Total MMSE score (using D-L-R-O-W)
Data type	Numeric longitudinal
Allowable codes	0–30 88=Score not calculated; missing at least one MMSE item 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This derived variable combines the MMSE score variable with the reason variable in v3.0 to mirror how the data were collected in v1.2 and v2.0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	1c (Form C1)	Not applic
FV question no.	Not applic	1c (Form C1)	1e (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1c (Form C1)	1d (Form C1)	Not applic
FV question no.	1c (Form C1)	1d (Form C1)	1f, 1no (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**NPSYCLOC**

Variable type	Original UDS question
Short descriptor	The remainder of the battery was administered:
Data type	Numeric longitudinal
Allowable codes	1=In ADC/clinic 2=In home 3=In person — other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2 (Form C1)	2 (Form C1)	2a (Form C2)
FV question no.	2 (Form C1)	2 (Form C1)	2a (Form C1 or C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**NPSYLAN**

Variable type	Original UDS question
Short descriptor	Language of test administration
Data type	Numeric longitudinal
Allowable codes	1=English 2=Spanish 3=Other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	2a (Form C1)	2a (Form C1)	2b (Form C2)	
FV question no.	2a (Form C1)	2a (Form C1)	2 (Form C1 or C2)	
IT question no.			2a (Form C2T)	
TF question no.		Not applic	Not applic	2a (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**NPSYLANX**

Variable type	Original UDS question
Short descriptor	Language of test administration — Other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers If another language of test administration is reported at any visit ( <b>NPSYLAN</b> =3), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	2a1 (Form C1)	2a1 (Form C1)	2b1 (Form C2)	
FV question no.	2a1 (Form C1)	2a1 (Form C1)	2b1 (Form C1 or C2)	
IT question no.			2a1 (Form C2T)	
TF question no.		Not applic	Not applic	2a1 (Form C2T)

Description/derivation If the rest of the neuropsychological test battery was administered in a language other than English or Spanish (**NPSYLAN**=3), it will be listed here, otherwise, it will be blank.  
After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

**LOGIMO**

Variable type	Original UDS question
Short descriptor	If this test has been administered to the subject within the past 3 months, specify the date previously administered (month)
Data type	Numeric longitudinal
Allowable codes	1–12 88=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a1 (Form C1)	3amo (Form C1)	Not applic
FV question no.	3a1 (Form C1)	3amo (Form C1)	3amo (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LOGIDAY**

Variable type	Original UDS question
Short descriptor	If this test has been administered to the subject within the past 3 months, specify the date previously administered (day)
Data type	Numeric longitudinal
Allowable codes	1–31 88=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a2 (Form C1)	3ady (Form C1)	Not applic
FV question no.	3a2 (Form C1)	3ady (Form C1)	3ady (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LOGIYR**

Variable type	Original UDS question
Short descriptor	If this test has been administered to the subject within the past 3 months, specify the date previously administered (year)
Data type	Numeric longitudinal
Allowable codes	Current year or previous year 8888=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3a3 (Form C1)	3ayr (Form C1)	Not applic
FV question no.	3a3 (Form C1)	3ayr (Form C1)	3ayr (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**LOGIPREV**

Variable type	Original UDS question
Short descriptor	Total score from the previous test administration
Data type	Numeric longitudinal
Allowable codes	0–25 -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0
IV question no.	3b (Form C1)	3a1 (Form C1)	Not applic
FV question no.	3b (Form C1)	3a1 (Form C1)	3a1 (Form C1)
TF question no.		Not applic	Not applic

**LOGIMEM**

Variable type	Original UDS question
Short descriptor	Total number of story units recalled from this current test administration
Data type	Numeric longitudinal
Allowable codes	0–25 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3c (Form C1)	3b (Form C1)	Not applic
FV question no.	3c (Form C1)	3b (Form C1)	3b (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MEMUNITS**

Variable type	Original UDS question
Short descriptor	Logical Memory IIA — Delayed — Total number of story units recalled
Allowable codes	0–25 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9a (Form C1)	9a (Form C1)	Not applic
FV question no.	9a (Form C1)	9a (Form C1)	9a (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MEMTIME**

Variable type	Original UDS question
Short descriptor	Logical Memory IIA — Delayed — Time elapsed since Logical Memory IA — Immediate
Data type	Numeric longitudinal
Allowable codes	0–85 99=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9b (Form C1)	9b (Form C1)	Not applic
FV question no.	9b (Form C1)	9b (Form C1)	9b (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**UDSBENTC**

Variable type	Original UDS question
Short descriptor	Total score for copy of Benson figure
Data type	Numeric longitudinal
Allowable codes	0–17 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available, UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4a (Form C2)
FV question no.	Not applic	Not applic	4a (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**UDSBENTD**

Variable type	Original UDS question
Short descriptor	Total score for 10- to 15-minute delayed drawing of Benson figure
Data type	Numeric longitudinal
Allowable codes	0–17 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	10a (Form C2)
FV question no.	Not applic	Not applic	10a (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**UDSBENRS**

Variable type	Original UDS question
Short descriptor	Recognized original stimulus from among four options
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	10b (Form C2)
FV question no.	Not applic	Not applic	10b (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**DIGIF**

Variable type	Original UDS question
Short descriptor	Digit span forward trials correct
Data type	Numeric longitudinal
Allowable codes	0–12 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4a (Form C1)	4a (Form C1)	Not applic
FV question no.	4a (Form C1)	4a (Form C1)	5a (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**DIGIFLEN**

Variable type	Original UDS question
Short descriptor	Digit span forward length
Data type	Numeric longitudinal
Allowable codes	0-8 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b (Form C1)	4b (Form C1)	Not applic
FV question no.	4b (Form C1)	4b (Form C1)	5b (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**DIGIB**

Variable type	Original UDS question
Short descriptor	Digit span backward trials correct
Data type	Numeric longitudinal
Allowable codes	0-12 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5a (Form C1)	5a (Form C1)	Not applic
FV question no.	5a (Form C1)	5a (Form C1)	6a (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**DIGIBLEN**

Variable type	Original UDS question
Short descriptor	Digit span backward length
Data type	Numeric longitudinal
Allowable codes	0-8 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5b (Form C1)	5b (Form C1)	Not applic
FV question no.	5b (Form C1)	5b (Form C1)	6b (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**ANIMALS**

Variable type	Original UDS question
Short descriptor	Animals — Total number of animals named in 60 seconds
Data type	Numeric longitudinal
Allowable codes	0-77 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	6a (Form C1)	6a (Form C1)	7a (Form C2)	
FV question no.	6a (Form C1)	6a (Form C1)	7a (Form C1 or C2)	
IT question no.			9a (Form C2T)	
TF question no.		Not applic	Not applic	9a (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**VEG**

Variable type	Original UDS question
Short descriptor	Vegetables — Total number of vegetables named in 60 seconds
Data type	Numeric longitudinal
Allowable codes	0-77 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	6b (Form C1)	6b (Form C1)	7b (Form C2)	
FV question no.	6b (Form C1)	6b (Form C1)	7b (Form C1 or C2)	
IT question no.			9b (Form C2T)	
TF question no.		Not applic	Not applic	9b (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses..

**TRAILA**

Variable type	Original UDS question
Short descriptor	Trail Making Test Part A — Total number of seconds to complete
Data type	Numeric longitudinal
Allowable codes	0–150 995=Physical problem 996=Cognitive/behavior problem 997=Other problem 998=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a (Form C1)	7a (Form C1)	8a (Form C2)
FV question no.	7a (Form C1)	7a (Form C1)	8a (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**TRAILARR**

Variable type	Original UDS question
Short descriptor	Part A — Number of commission errors
Data type	Numeric longitudinal
Allowable codes	0–40 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7a1 (Form C1)	8a1 (Form C2)
FV question no.	Not applic	7a1 (Form C1)	8a1 (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**TRAILA**

Variable type	Original UDS question
Short descriptor	Part A — Number of correct lines
Data type	Numeric longitudinal
Allowable codes	0–24 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7a2 (Form C1)	8a2 (Form C2)
FV question no.	Not applic	7a2 (Form C1)	8a2 (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.
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**TRAILB**

Variable type	Original UDS question
Short descriptor	Trail Making Test Part B — Total number of seconds to complete
Data type	Numeric longitudinal
Allowable codes	0–300 995=Physical problem 996=Cognitive/behavior problem 997=Other problem 998=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	7b (Form C1)	7b (Form C1)	8b (Form C2)
FV question no.	7b (Form C1)	7b (Form C1)	8b (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.
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**TRAILBRR**

Variable type	Original UDS question
Short descriptor	Part B — Number of commission errors
Data type	Numeric longitudinal
Allowable codes	0–40 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7b1 (Form C1)	8b1 (Form C2)
FV question no.	Not applic	7b1 (Form C1)	8b1 (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**TRAILBLI**

Variable type	Original UDS question
Short descriptor	Part B — Number of correct lines
Data type	Numeric longitudinal
Allowable codes	0–24 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Because this variable is included on both C1 and C2, requests for this variable will include, when available, data collected using both forms.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	7b2 (Form C1)	8b2 (Form C2)
FV question no.	Not applic	7b2 (Form C1)	8b2 (Form C1 or C2)
IT question no.			Not applic
TF question no.		Not applic	Not applic

**WAIS**

Variable type	Original UDS question
Short descriptor	WAIS-R Digit Symbol
Data type	Numeric longitudinal
Allowable codes	0–93 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8a (Form C1)	8a (Form C1)	Not applic
FV question no.	8a (Form C1)	8a (Form C1)	Not applic
TI question no.			Not applic
TF question no.		Not applic	Not applic

**BOSTON**

Variable type	Original UDS question
Short descriptor	Boston Naming Test (30) — Total score
Data type	Numeric longitudinal
Allowable codes	0–30 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10a (Form C1)	10a (Form C1)	Not applic
FV question no.	10a (Form C1)	10a (Form C1)	11a (Form C1)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**UDSVERFC**

Variable type	Original UDS question
Short descriptor	Number of correct F-words generated in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–40 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12a (Form C2)	
FV question no.	Not applic	Not applic	12a (Form C1 or C2)	
TI question no.			10a (Form C2T)	
TF question no.		Not applic	Not applic	10a (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**UDSVERFN**

Variable type	Original UDS question
Short descriptor	Number of F-words repeated in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–15 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12b (Form C2)	
FV question no.	Not applic	Not applic	12b (Form C1 or C2)	
TI question no.			10b (Form C2T)	
TF question no.		Not applic	Not applic	10b (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**UDSVERNF**

Variable type	Original UDS question
Short descriptor	Number of non-F-words and rule violation errors in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–15 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
IV question no.	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12c (Form C2)	
FV question no.	Not applic	Not applic	12c (Form C1 or C2)	
TI question no.			10c (Form C2T)	
TF question no.		Not applic	Not applic	10c (Form C2T)

**UDSVERLC**

Variable type	Original UDS question
Short descriptor	Number of correct L-words generated in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–40 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
IV question no.	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12d (Form C2)	
FV question no.	Not applic	Not applic	12d (Form C1 or C2)	
TI question no.			10d (Form C2T)	
TF question no.		Not applic	Not applic	10d (Form C2T)

**UDSVERLR**

Variable type	Original UDS question
Short descriptor	Number of L-words repeated in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–15 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12e (Form C2)	
FV question no.	Not applic	Not applic	12e (Form C1 or C2)	
TI question no.			10e (Form C2T)	
TF question no.		Not applic	Not applic	10e (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**UDSVERLN**

Variable type	Original UDS question
Short descriptor	Number of non-L-words and rule violation errors in 1 minute
Data type	Numeric longitudinal
Allowable codes	0–15 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12f (Form C2)	
FV question no.	Not applic	Not applic	12f (Form C1 or C2)	
TI question no.			10f (Form C2T)	
TF question no.		Not applic	Not applic	10f (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**UDSVERTN**

Variable type	Original UDS question
Short descriptor	Total number of correct F-words and L-words
Data type	Numeric longitudinal
Allowable codes	0-80 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12g (Form C2)	
FV question no.	Not applic	Not applic	12g (Form C1 or C2)	
TI question no.			10g (Form C2T)	
TF question no.		Not applic	Not applic	10g (Form C2T)

**UDSVERTE**

Variable type	Original UDS question
Short descriptor	Total number of F-word and L-word repetition errors
Data type	Numeric longitudinal
Allowable codes	0-30 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12h (Form C2)	
FV question no.	Not applic	Not applic	12h (Form C1 or C2)	
TI question no.			10h (Form C2T)	
TF question no.		Not applic	Not applic	10h (Form C2T)

**UDSVERT**

Variable type	Original UDS question
Short descriptor	Total number of non-F/L-words and rule violation errors
Data type	Numeric longitudinal
Allowable codes	0–30 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	12i (Form C2)	
FV question no.	Not applic	Not applic	12i (Form C1 or C2)	
TI question no.			10i (Form C2T)	
TF question no.		Not applic	Not applic	10i (Form C2T)

**COGSTAT**

Variable type	Original UDS question
Short descriptor	Per clinician, based on the neuropsychological examination, the subject's cognitive status is deemed
Data type	Numeric longitudinal
Allowable codes	0=Clinician unable to render opinion 1=Better than normal for age 2=Normal for age 3=One or two test scores abnormal 4=Three or more scores are abnormal or lower than expected 9=Missing -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. For follow-up visits, however, Centers could use either Form C2 or the v3 iteration of Form C1 (but never both during one visit for any given subject). Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on C1, C2, and C2T, requests for this variable will include, when available, data collected using all three forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	11a (Form C1)	11a (Form C1)	13a (Form C2)	
FV question no.	Not applic	Not applic	13a (Form C1 or C2)	
TI question no.			13a (Form C2T)	
TF question no.		Not applic	Not applic	13a (Form C2T)

**NACCC1**

Variable type	NACC derived variable
Short descriptor	Form date discrepancy between UDS Form A1 and Form C1
Data type	Numeric longitudinal
Allowable codes	0=UDS Form C1 completed within 90 days of Form A1 1=UDS Form C1 completed >90 days before or after Form A1 -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable flags any visit in which the Form C1 date (the date the neuropsychological test battery was conducted) is greater than 90 days before or after the Form A1 (Subject Demographics) date. For all UDS subjects, NACC uses the Form A1 date to determine the visit date ( <a href="#">VISITMO</a> , <a href="#">VISITDY</a> , <a href="#">VISITYR</a> ).

**MODCOMM**

Variable type	Original UDS question
Short descriptor	Mode of communication used to administer neuropsychological battery
Data type	Numeric longitudinal
Allowable codes	1=Telephone 2=Video-assisted conference 3=Some combination of the two

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			Oa (Form C2T)	
TF question no.		Not applic	Not applic	O1a (Form C2T)

**MOCACOMP**

Variable type	Original UDS question
Short descriptor	Was any part of MoCA administered?
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1a (Form C2)	
FV question no.	Not applic	Not applic	1a (Form C2)	
TI question no.			1a (Form C2T)	1a (Form C2T)
TF question no.		Not applic	Not applic	1a

Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses
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**MOCAREAS**

Variable type	Original UDS question
Short descriptor	If no part of MoCA administered, reason code
Data type	Numeric longitudinal
Allowable codes	95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1a1 (Form C2)	
FV question no.	Not applic	Not applic	1a1 (Form C2)	
TI question no.			1a1 (Form C2T)	
TF question no.		Not applic	Not applic	1a1 (Form C2T)

**MOCALOC**

Variable type	Original UDS question
Short descriptor	Where was MoCA administered?
Data type	Numeric longitudinal
Allowable codes	1=In ADC or Clinic 2=In Home 3=In-person — other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1b (Form C2)
FV question no.	Not applic	Not applic	1b (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCALAN**

Variable type	Original UDS question
Short descriptor	Language of MoCA administration
Data type	Numeric longitudinal
Allowable codes	1=English 2=Spanish 3=Other -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1c (Form C2)	
FV question no.	Not applic	Not applic	1c (Form C2)	
TI question no.			1b (Form C2T)	
TF question no.		Not applic	Not applic	1b (Form C2T)

**MOCALANX**

Variable type	Original UDS question
Short descriptor	Language of MoCA administration — Other, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If the MoCA was administered in a language other than English or Spanish ( <b>MOCALAN</b> =3), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1c1 (Form C2)	
FV question no.	Not applic	Not applic	1c1 (Form C2)	
TI question no.			1b1 (Form C2T)	
TF question no.		Not applic	Not applic	1b1 (Form C2T)

Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses
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**MOCAVIS**

Variable type	Original UDS question
Short descriptor	Subject was unable to complete one or more sections due to visual impairment
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1d (Form C2)
FV question no.	Not applic	Not applic	1d (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCAHEAR**

Variable type	Original UDS question
Short descriptor	Subject was unable to complete one or more sections due to hearing impairment
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1e (Form C2)	
FV question no.	Not applic	Not applic	1e (Form C2)	
TI question no.			1c (Form C2T)	
TF question no.		Not applic	Not applic	1c (Form C2T)

Description/derivation	After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCATOTS**

Variable type	Original UDS question
Short descriptor	MoCA Total Raw Score — uncorrected
Data type	Numeric longitudinal
Allowable codes	0–30 88=Item(s) or whole test not administered -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	1f (Form C2)
FV question no.	Not applic	Not applic	1f (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**NACCMOCA**

Variable type	NACC derived variable
Short descriptor	MoCA Total Score — corrected for education
Data type	Numeric longitudinal
Allowable codes	0–30 88=Item(s) or whole test not administered 99=Years of education missing/unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation: This variable adds 1 point to the uncorrected MoCA Total Score (MOCATOTS) if the participant has 12 years or fewer of formal education reported at their initial UDS visit. Participants with years of education missing or unknown are assigned NACCMOCA=99. The maximum possible score is 30. For participants with the maximum uncorrected MoCA Total Score of 30 and 12 or fewer years of education, no point is added.

**MOCATRAI**

Variable type	Original UDS question
Short descriptor	MoCA: Visuospatial/executive — Trails
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	1g (Form C2)
FV question no.	Not applic	Not applic	1g (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCACUBB**

Variable type	Original UDS question
Short descriptor	MoCA: Visuospatial/executive — Cube
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1h (Form C2)
FV question no.	Not applic	Not applic	1h (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCACLOC**

Variable type	Original UDS question
Short descriptor	MoCA: Visuospatial/executive — Clock contour
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1i (Form C2)
FV question no.	Not applic	Not applic	1i (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCACLON**

Variable type	Original UDS question
Short descriptor	MoCA: Visuospatial/executive — Clock numbers
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1j (Form C2T)
FV question no.	Not applic	Not applic	1j (Form C2T)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCACLOH**

Variable type	Original UDS question
Short descriptor	MoCA: Visuospatial/executive — Clock hands
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1k (Form C2)
FV question no.	Not applic	Not applic	1k (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCANAMI**

Variable type	Original UDS question
Short descriptor	MoCA: Language — Naming
Data type	Numeric longitudinal
Allowable codes	0–3 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1l (Form C2)
FV question no.	Not applic	Not applic	1l (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCAREGI**

Variable type	Original UDS question
Short descriptor	MoCA: Memory — Registration (two trials)
Data type	Numeric longitudinal
Allowable codes	0–10 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1m (Form C2T)
FV question no.	Not applic	Not applic	1m (Form C2T)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MOCADIGI**

Variable type	Original UDS question
Short descriptor	MoCA: Attention — Digits
Data type	Numeric longitudinal
Allowable codes	0–2 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1n (Form C2)	
FV question no.	Not applic	Not applic	1n (Form C2)	
TI question no.			1e (Form C2T)	
TF question no.		Not applic	Not applic	1e (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCALETT**

Variable type	Original UDS question
Short descriptor	MoCA: Attention — Letter A
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1o (Form C2)	
FV question no.	Not applic	Not applic	1o (Form C2)	
TI question no.			1f (Form C2T)	
TF question no.		Not applic	Not applic	1f (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCASER7**

Variable type	Original UDS question
Short descriptor	MoCA: Attention — Serial 7s
Data type	Numeric longitudinal
Allowable codes	0–3 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1p (Form C2)	
FV question no.	Not applic	Not applic	1p (Form C2)	
TI question no.			1g (Form C2T)	
TF question no.		Not applic	Not applic	1g (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCAREPE**

Variable type	Original UDS question
Short descriptor	MoCA: Language — Repetition
Data type	Numeric longitudinal
Allowable codes	0–2 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1q (Form C2)	
FV question no.	Not applic	Not applic	1q (Form C2)	
TI question no.			1h (Form C2T)	
TF question no.		Not applic	Not applic	1h (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCAFLE**

Variable type	Original UDS question
Short descriptor	MoCA: Language — Fluency
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1r (Form C2)	
FV question no.	Not applic	Not applic	1r (Form C2)	
TI question no.			1i (Form C2T)	
TF question no.		Not applic	Not applic	1i (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCAABST**

Variable type	Original UDS question
Short descriptor	MoCA: Abstraction
Data type	Numeric longitudinal
Allowable codes	0–2 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1s (Form C2)	
FV question no.	Not applic	Not applic	1s (Form C2)	
TI question no.			1j (Form C2T)	
TF question no.		Not applic	Not applic	1j (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCARECN**

Variable type	Original UDS question
Short descriptor	MoCA: Delayed recall — No cue
Data type	Numeric longitudinal
Allowable codes	0–5 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1t (Form C2)	
FV question no.	Not applic	Not applic	1t (Form C2)	
TI question no.			1k (Form C2T)	
TF question no.		Not applic	Not applic	1k (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCARECC**

Variable type	Original UDS question
Short descriptor	MoCA: Delayed recall — Category cue
Data type	Numeric longitudinal
Allowable codes	0–5 88=Not applicable, category cue not given 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1u (Form C2)	
FV question no.	Not applic	Not applic	1u (Form C2)	
TI question no.			1l (Form C2T)	
TF question no.		Not applic	Not applic	1l (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCARECR**

Variable type	Original UDS question
Short descriptor	MoCA: Delayed recall — Recognition
Data type	Numeric longitudinal
Allowable codes	0–5 88=Not applicable, multiple choice cue not given 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1v (Form C2)	
FV question no.	Not applic	Not applic	1v (Form C2)	
TI question no.			1m (Form C2T)	
TF question no.		Not applic	Not applic	1m (Form C2T)

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

**MOCAORDT**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — Date
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1w (Form C2)	
FV question no.	Not applic	Not applic	1w (Form C2)	
TI question no.			1n (Form C2T)	
TF question no.		Not applic	Not applic	1n (Form C2T)

Description/derivation Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.

After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**MOCAORMO**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — Month
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1x (Form C2)	
FV question no.	Not applic	Not applic	1x (Form C2)	
TI question no.			1o (Form C2T)	
TF question no.		Not applic	Not applic	1o (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCAORYR**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — Year
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	1y (Form C2)	
FV question no.	Not applic	Not applic	1y (Form C2)	
TI question no.			1p (Form C2T)	
TF question no.		Not applic	Not applic	1p (Form C2T)

Description/derivation	Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.  After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.
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**MOCAORDY**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — Day
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1z (Form C2)	
FV question no.	Not applic	Not applic	1z (Form C2)	
TI question no.			1q (Form C2T)	
TF question no.		Not applic	Not applic	1q (Form C2T)

Description/derivation	<p>Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.</p> <p>After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.</p>
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**MOCAORPL**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — Place
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1aa (Form C2)	
FV question no.	Not applic	Not applic	1aa (Form C2)	
TI question no.			1r (Form C2T)	
TF question no.		Not applic	Not applic	1r (Form C2T)

Description/derivation	<p>Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.</p> <p>After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.</p>
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**MOCAORCT**

Variable type	Original UDS question
Short descriptor	MoCA: Orientation — City
Data type	Numeric longitudinal
Allowable codes	0–1 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	1bb (Form C2)	
FV question no.	Not applic	Not applic	1bb (Form C2)	
TI question no.			1s (Form C2T)	
TF question no.		Not applic	Not applic	1s (Form C2T)

Description/derivation	<p>Note that if the entire MOCA was not administered, the reason for not administering the instrument will be provided for the individual items as well.</p> <p>After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.</p>
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**CRAFTVRS**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Immediate) — Total story units recalled, verbatim scoring
Data type	Numeric longitudinal
Allowable codes	0-44 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	3a (Form C2)	
FV question no.	Not applic	Not applic	3a (Form C2)	
TI question no.			3a (Form C2T)	
TF question no.		Not applic	Not applic	3a (Form C2T)

Description/derivation	<p>After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.</p>
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**CRAFTURS**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Immediate) — Total story units recalled, paraphrase scoring
Data type	Numeric longitudinal
Allowable codes	0–25 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if Craft Story 21 Recall (Immediate) was not administered, the reason for not administering the instrument will be provided for **CRAFTURS** as well.

After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	3b (Form C2)	
FV question no.	Not applic	Not applic	3b (Form C2)	
TI question no.			3b (Form C2T)	
TF question no.		Not applic	Not applic	3b (Form C2T)

**DIGFORCT**

Variable type	Original UDS question
Short descriptor	Number Span Test: Forward — Number of correct trials
Data type	Numeric longitudinal
Allowable codes	0–14 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	5a (Form C2)	
FV question no.	Not applic	Not applic	5a (Form C2)	
TI question no.			5a (Form C2T)	
TF question no.		Not applic	Not applic	5a (Form C2T)

**DIGFORSL**

Variable type	Original UDS question
Short descriptor	Number Span Test: Forward — Longest span forward
Data type	Numeric longitudinal
Allowable codes	0 3–9 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	5b (Form C2)	
FV question no.	Not applic	Not applic	5b (Form C2)	
TI question no.			5b (Form C2T)	
TF question no.		Not applic	Not applic	5b (Form C2T)

**Description/derivation:** After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**DIGBACCT**

Variable type	Original UDS question
Short descriptor	Number Span Test: Backward — Number of correct trials
Data type	Numeric longitudinal
Allowable codes	0–14 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	6a (Form C2)	
FV question no.	Not applic	Not applic	6a (Form C2)	
TI question no.			6a (Form C2T)	
TF question no.		Not applic	Not applic	6a (Form C2T)

**Description/derivation:** After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**DIGBACLS**

Variable type	Original UDS question
Short descriptor	Number Span Test: Backward — Longest span backward
Data type	Numeric longitudinal
Allowable codes	0 2–8 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation: After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	6b (Form C2)	
FV question no.	Not applic	Not applic	6b (Form C2)	
TI question no.			6b (Form C2T)	
TF question no.		Not applic	Not applic	6b (Form C2T)

**CRAFTDVR**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Delayed) — Total story units recalled, verbatim scoring
Data type	Numeric longitudinal
Allowable codes	0-44 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation: After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	V3.2
IV question no.	Not applic	Not applic	9a (Form C2)	
FV question no.	Not applic	Not applic	9a (Form C2)	
TI question no.			8a (Form C2T)	
TF question no.		Not applic	Not applic	8a (Form C2T)

**CRAFTDRE**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Delayed) — Total story units recalled, paraphrase scoring
Data type	Numeric longitudinal
Allowable codes	0-25 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Note that if Craft Story 21 Recall (Delayed) was not administered or not completed, the reason for not administering the instrument will be provided for **CRAFTDRE** as well.

After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	9b (Form C2)	
FV question no.	Not applic	Not applic	9b (Form C2)	
TI question no.			8b (Form C2T)	
TF question no.		Not applic	Not applic	8b (Form C2T)

**CRAFTDTI**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Delayed) — Delay time
Data type	Numeric longitudinal
Allowable codes	0-85 99=Unknown -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	V3.2	
IV question no.	Not applic	Not applic	9c (Form C2)	
FV question no.	Not applic	Not applic	9c (Form C2)	
TI question no.			8c (Form C2T)	
TF question no.		Not applic	Not applic	8c (Form C2T)

**CRAFTCUE**

Variable type	Original UDS question
Short descriptor	Craft Story 21 Recall (Delayed) — Cue (boy) needed
Data type	Numeric longitudinal
Allowable codes	0=No 1=Yes -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	9d (Form C2)	
FV question no.	Not applic	Not applic	9d (Form C2)	
TI question no.			8d (Form C2T)	
TF question no.		Not applic	Not applic	8d (Form C2T)

Description/derivation After UDS3 implementation, Form C2 was required, replacing C1 for all initial visits. Additionally, Form C2T was introduced in the TIP and TFP in 2020 to meet the need to administer neuropsychological tests remotely. Because this variable is included on both C2 and C2T requests for this variable will include, when available, data collected using both forms. Since the modality of test administration can vary from in-person, telephone, or video-conference, use caution when including this variable in your analyses.

**MINTTOTS**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Total score
Data type	Numeric longitudinal
Allowable codes	0-32 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11a (Form C2)
FV question no.	Not applic	Not applic	11a (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MINTTOTW**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Total correct without semantic cue
Data type	Numeric longitudinal
Allowable codes	0–32 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11b (Form C2)
FV question no.	Not applic	Not applic	11b (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

Description/derivation Note that if the MINT was not administered or not completed, the reason for not administering the instrument will be provided for **MINTTOTW** as well.

**MINTSCNG**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Semantic cues: Number given
Data type	Numeric longitudinal
Allowable codes	0-32 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that if the MINT was not administered or not completed, the reason for not administering the instrument will be provided for <b>MINTSCNG</b> as well.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	11c (Form C2)
FV question no.	Not applic	Not applic	11c (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MINTSCNC**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Semantic cues: Number correct with cue
Data type	Numeric longitudinal
Allowable codes	0-32 88=Not applicable, no semantic cues given 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that if the MINT was not administered or not completed, the reason for not administering the instrument will be provided for <b>MINTSCNC</b> as well.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	11d (Form C2)
FV question no.	Not applic	Not applic	11d (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MINTPCNG**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Phonemic cues: Number given
Data type	Numeric longitudinal
Allowable codes	0-32 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that if the MINT was not administered or not completed, the reason for not administering the instrument will be provided for <b>MINTPCNG</b> as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11e (Form C2)
FV question no.	Not applic	Not applic	11e (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**MINTPCNC**

Variable type	Original UDS question
Short descriptor	Multilingual Naming Test (MINT) — Phonemic cues: Number correct with cue
Data type	Numeric longitudinal
Allowable codes	0-32 88=Not applicable, no phonemic cues given 95=Physical problem 96=Cognitive/behavior problem 97=Other problem 98=Verbal refusal -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that if the MINT was not administered or not completed, the reason for not administering the instrument will be provided for <b>MINTPCNC</b> as well.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11f (Form C2)
FV question no.	Not applic	Not applic	11f (Form C2)
TI question no.			Not applic
TF question no.		Not applic	Not applic

**NACCC2**

Variable type	NACC derived variable
Short descriptor	Form date discrepancy between UDS Form A1 and Form C2
Data type	Numeric longitudinal
Allowable codes	0=UDS Form C2 completed within 90 days of Form A1 1=UDS Form C2 completed >90 days before or after Form A1 -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable flags any visit in which the Form C2 date (the date the neuropsychological test battery was conducted) is greater than 90 days before or after the Form A1 (Subject Demographics) date. For all UDS subjects, NACC uses the Form A1 date to determine the visit date ( <b>VISITMO</b> , <b>VISITDY</b> , <b>VISITYR</b> ).

**MOCBTOTS**

Variable type	Original UDS question
Short descriptor	MoCA-Blind total raw score — uncorrected
Data type	Numeric longitudinal
Allowable codes	0 – 22 88 = Item(s) or whole test not administered -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			1d (Form C2T)	
TF question no.		Not applic	Not applic	1d (Form C2T)

**NACCMOCB**

Variable type:	NACC derived variable
Short descriptor:	MoCA-Blind Total Score — corrected for education
Data type:	Numeric longitudinal
Allowable codes:	0 – 22 88 = Item(s) or whole test not administered 99 = Years of education missing/unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation:	This variable adds 1 point to the uncorrected MoCA-Blind Total Score ( <b>MOCBTOTS</b> ) if the participant has 12 years or fewer of formal education reported at their initial UDS visit. Participants with years of education missing or unknown are assigned <b>NACCMOCB</b> =99. The maximum possible score is 22. For participants with the maximum uncorrected MoCA-Blind Total Score of 22 and 12 or fewer years of education, no point is added. Note that UDS subjects not receiving Form C2T have a value of -4 for <b>NACCMOCB</b> .

**REY1REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Numeric longitudinal
Allowable codes	0 – 15 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4a (Form C2T)	
TF question no.		Not applic	Not applic	4a (Form C2T)

**REY1INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 1 intrusions
Allowable codes	Numeric longitudinal 0 – 85  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4b (Form C2T)	
TF question no.		Not applic	Not applic	4b (Form C2T)

**REY2REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 2 total recall
Allowable codes	Numeric longitudinal 0 – 15  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4c (Form C2T)	
TF question no.		Not applic	Not applic	4c (Form C2T)

**REY2INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 2 intrusions
Allowable codes	Numeric longitudinal 0 – 85  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4d (Form C2T)	
TF question no.		Not applic	Not applic	4d (Form C2T)

**REY3REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate) Trial 3 total recall
Data type:	Numeric longitudinal
Allowable codes	0 – 15  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

DATA SOURCE				
Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4e (Form C2T)	
TF question no.		Not applic	Not applic	4e (Form C2T)

**REY3INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate) Trial 3 intrusions
Data type:	Numeric longitudinal
Allowable codes	0 – 85  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

DATA SOURCE				
Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4f (Form C2T)	
TF question no.		Not applic	Not applic	4f (Form C2T)

**REY4REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate) Trial 4 total recall
Data type:	Numeric longitudinal
Allowable codes	0 – 15  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

DATA SOURCE				
Uniform Data Set (UDS)				
Form, version	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4g (Form C2T)	
TF question no.		Not applic	Not applic	4g (Form C2T)

**REY4INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 4 intrusions
Allowable codes	Numeric longitudinal 0 – 85  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4h (Form C2T)	
TF question no.		Not applic	Not applic	4h (Form C2T)

**REY5REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 5 total recall
Allowable codes	Numeric longitudinal 0 – 15  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4i (Form C2T)	
TF question no.		Not applic	Not applic	4i (Form C2T)

**REY5INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 5 intrusions
Allowable codes	Numeric longitudinal 0 – 85  88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal  -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4j (Form C2T)	
TF question no.		Not applic	Not applic	4j (Form C2T)

**REY6REC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 6 total recall
Allowable codes	<p>Numeric longitudinal</p> <p>0 – 15</p> <p>88 = Not assessed, optional</p> <p>95 = Physical problem</p> <p>96 = Cognitive/behavior problem</p> <p>97 = Other problem</p> <p>98 = Verbal refusal</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4k (Form C2T)	
TF question no.		Not applic	Not applic	4k (Form C2T)

**REY6INT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Immediate)
Data type:	Trial 6 intrusions
Allowable codes	<p>Numeric longitudinal</p> <p>0 – 85</p> <p>88 = Not assessed, optional</p> <p>95 = Physical problem</p> <p>96 = Cognitive/behavior problem</p> <p>97 = Other problem</p> <p>98 = Verbal refusal</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			4I (Form C2T)	
TF question no.		Not applic	Not applic	4I (Form C2T)

**OTRAILA**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part A — Total number of seconds to complete
Data type:	Numeric longitudinal
Allowable codes	<p>0 – 100</p> <p>888 = Not assessed, optional</p> <p>995 = Physical problem</p> <p>996 = Cognitive/behavior problem</p> <p>997 = Other problem</p> <p>998 = Verbal refusal</p> <p>-4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7a (Form C2T)	
TF question no.		Not applic	Not applic	7a (Form C2T)

**OTRLARR**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part A — Number of commission errors
Data type:	Numeric longitudinal
Allowable codes	0 – 99 888 = Not assessed, optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7a1 (Form C2T)	
TF question no.		Not applic	Not applic	7a1 (Form C2T)

**OTRLALI**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part A — Number of correct lines
Data type:	Numeric longitudinal
Allowable codes	0 – 25 888 = Not assessed, optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7a2 (Form C2T)	
TF question no.		Not applic	Not applic	7a2 (Form C2T)

**OTRAILB**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part B — Total number of seconds to complete
Data type:	Numeric longitudinal
Allowable codes	0 – 300 888 = Not assessed, optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7b (Form C2T)	
TF question no.		Not applic	Not applic	7b (Form C2T)

**OTRLBRR**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part B — Number of commission errors
Data type:	Numeric longitudinal
Allowable codes	0 – 99 888 = Not assessed, optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
IV question no.	v1.2	v2.0	v3.0	v3.2
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7b1 (Form C2T)	
TF question no.		Not applic	Not applic	7b1 (Form C2T)

**OTRLBLI**

Variable type	Original UDS question
Short descriptor	Oral Trail Making Test Part B — Number of correct lines
Data type:	Numeric longitudinal
Allowable codes	0 – 25 888 = Not assessed, optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
IV question no.	v1.2	v2.0	v3.0	v3.2
FV question no.	Not applic	Not applic	Not applic	
TI question no.			7b2 (Form C2T)	
TF question no.		Not applic	Not applic	7b2 (Form C2T)

**REYDREC**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Delayed) — Total recall
Data type:	Numeric longitudinal
Allowable codes	0 – 15 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
IV question no.	v1.2	v2.0	v3.0	v3.2
FV question no.	Not applic	Not applic	Not applic	
TI question no.			11a (Form C2T)	
TF question no.		Not applic	Not applic	11a (Form C2T)

**REYDINT**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Delayed) — Intrusions
Data type:	Numeric longitudinal
Allowable codes	0 – 85 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			11b (Form C2T)	
TF question no.		Not applic	Not applic	11b (Form C2T)

**REYTCOR**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Delayed) Recognition — Total correct
Data type:	Numeric longitudinal
Allowable codes	0 – 15 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			11c (Form C2T)	
TF question no.		Not applic	Not applic	11c (Form C2T)

**REYFPOS**

Variable type	Original UDS question
Short descriptor	Rey Auditory Verbal Learning (Delayed) Recognition — Total false positive
Data type:	Numeric longitudinal
Allowable codes	0 – 15 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			11d (Form C2T)	
TF question no.		Not applic	Not applic	11d (Form C2T)

**VNTTOTW**

Variable type	Original UDS question
Short descriptor	Verbal Naming Test — Total correct without cue
Data type:	Numeric longitudinal
Allowable codes	0 – 50 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			12a (Form C2T)	
TF question no.		Not applic	Not applic	12a (Form C2T)

**VNTPCNC**

Variable type	Original UDS question
Short descriptor	Verbal Naming Test — Total correct with a phonemic cue
Data type:	Numeric longitudinal
Allowable codes	0 – 50 88 = Not assessed, optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			12b (Form C2T)	
TF question no.		Not applic	Not applic	12b (Form C2T)

**RESPVAL**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses
Data type:	Numeric longitudinal
Allowable codes	1 = Very valid, probably accurate indication of participant's cognitive abilities 2 = Questionably valid, possibly inaccurate indication of participant's cognitive abilities 3 = Invalid, probably inaccurate indication of participant's cognitive abilities -4=Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14a (Form C2T)	
TF question no.		Not applic	Not applic	14a (Form C2T)

**RESPHEAR**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Hearing impairment
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b1 (Form C2T)	
TF question no.		Not applic	Not applic	14b1 (Form C2T)

**RESPDIST**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Distractions
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b2 (Form C2T)	
TF question no.		Not applic	Not applic	14b2 (Form C2T)

**RESPINTR**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Interruptions
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b3 (Form C2T)	
TF question no.		Not applic	Not applic	14b3 (Form C2T)

**RESPDISN**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Lack of effort or disinterest
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE Uniform Data Set (UDS)			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b4 (Form C2T)	
TF question no.		Not applic	Not applic	14b4 (Form C2T)

**RESPFATG**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Fatigue
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b5 (Form C2T)	
TF question no.		Not applic	Not applic	14b5 (Form C2T)

**RESPEMOT**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Emotional issues
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b6 (Form C2T)	
TF question no.		Not applic	Not applic	14b6 (Form C2T)

**RESPASST**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Unapproved assistance
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b7 (Form C2T)	
TF question no.		Not applic	Not applic	14b7 (Form C2T)

**RESPOTH**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Other
Data type:	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE			
	v1.2	v2.0	v3.0	v3.2
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b8 (Form C2T)	
TF question no.		Not applic	Not applic	14b8 (Form C2T)

**RESPOTHX**

Variable type	Original UDS question
Short descriptor	Validity of participant's responses — Other, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If "other" reason is selected, then it will be listed here; otherwise it will be blank.

Form, version	DATA SOURCE			
	Uniform Data Set (UDS)			
v1.2	v2.0	v3.0	v3.2	
IV question no.	Not applic	Not applic	Not applic	
FV question no.	Not applic	Not applic	Not applic	
TI question no.			14b9 (Form C2T)	
TF question no.		Not applic	Not applic	14b9 (Form C2T)

## FORM D1: Clinician Diagnosis

### WHODIDDX

Variable type	Original UDS question
Short descriptor	Who did diagnosis
Data type	Numeric longitudinal
Allowable codes	1 = A single clinician 2 = Consensus diagnosis -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were diagnosed by a single clinician have <b>WHODIDDX</b> =1. Subjects who were diagnosed after a formal consensus panel met to vote or come to consensus on the diagnosis have <b>WHODIDDX</b> =2. Please note that in UDS version 3, a similar question about diagnosis method was asked but the possible answers were different (refer to <b>DXMETHOD</b> ) from those in v1.2 and v2; therefore subjects with visits completed using v3 of the UDS have <b>WHODIDDX</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	1	1	Not applic
FV question no.	1	1	Not applic
TI question no.			Not applic
TF question no.		1	Not applic

### DXMETHOD

Variable type	Original UDS question
Short descriptor	Diagnosis method
Data type	Numeric longitudinal
Allowable codes	1 = A single clinician 2 = A formal consensus panel 3 = Other (e.g., two or more clinicians or other informal group) -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects who were diagnosed by a single clinician have <b>DXMETHOD</b> =1. Subjects who were diagnosed after a formal consensus panel met to vote or come to consensus on the diagnosis have <b>DXMETHOD</b> =2. Subjects who were diagnosed via an informal group of two or more clinicians or another informal or ad hoc group have <b>DXMETHOD</b> =3. Please note that in UDS version 1.2 and v2, a similar question about diagnosis method was asked but the possible answers were different than those in v3 (refer to <b>WHODIDDX</b> variable); therefore subjects with visits completed using v1.2 or v2 of the UDS have <b>DXMETHOD</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1
FV question no.	Not applic	Not applic	1
TI question no.			1
TF question no.		Not applic	1

**NORMCOG**

Variable type	Original UDS question
Short descriptor	Normal cognition and behavior
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			2
TF question no.		2	2

Description/derivation Subjects who were determined by the clinician(s) to have normal cognition and behavior have **NORMCOG**=1. If the clinician(s) determined that the subject had a clinically significant impairment in cognition or behavior, then **NORMCOG**=0.

**DEMENTED**

Variable type	Original UDS question
Short descriptor	Met criteria for dementia
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	3
FV question no.	3	3	3
TI question no.			3
TF question no.		3	3

Description/derivation Subjects who met the criteria for all-cause dementia have **DEMENTED**=1. Subjects with normal cognition (**NORMCOG**=1) or cognitive or behavioral impairment who did not meet the criteria for dementia have **DEMENTED**=0. Please note that the criteria for dementia changed over UDS versions and the UDS Coding Guidebooks (accessed under *UDS Forms and Documentation*) should be reviewed to determine the version differences. Briefly, in v1.2 and v2, specific diagnostic criteria were not provided for assessing the presence of dementia, although most Centers were likely using DSM-IV criteria for dementia, or something similar to DSM-IV. In v3, however, the diagnostic criteria for dementia is explicitly provided on Form D1 and in the UDS 3 Coding Guidebook.

**NACCUDSD**

Variable type	NACC derived variable
Short descriptor	Cognitive status at UDS visit
Data type	Numeric longitudinal
Allowable codes	1 = Normal cognition 2 = Impaired-not-MCI 3 = MCI 4 = Dementia

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2, 3, 4a-4e	2, 3, 4a-4e	2, 3, 5a-5e
FV question no.	2, 3, 4a-4e	2, 3, 4a-4e	2, 3, 5a-5e
TI question no.			2, 3, 5a-5e
TF question no.		2, 3, 4a-4e	2, 3, 5a-5e

Description/derivation The subject's cognitive status is determined at every visit. Subjects with a clinical diagnosis of normal cognition have **NACCUDSD**=1. Subjects with either amnestic or non-amnestic MCI have **NACCUDSD**=3 and those with a diagnosis of dementia have **NACCUDSD**=4. Subjects who are cognitively impaired but who do not meet the criteria for MCI have **NACCUDSD**=2.

**AMNDEM**

Variable type	Original UDS question
Short descriptor	Dementia syndrome — Amnestic multidomain dementia syndrome
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No diagnosis of dementia -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3, 4a
FV question no.	Not applic	Not applic	3, 4a
TI question no.			3, 4a
TF question no.		Not applic	3, 4a

Description/derivation Subjects with an amnestic multidomain dementia syndrome have **AMNDEM**=1. Subjects with dementia that is not amnestic, multidomain dementia have **AMNDEM**=0. Subjects without dementia have **AMNDEM**=8. The UDS v1.2 and v2 forms did not assess amnestic multidomain dementia syndrome; therefore, subjects with visits completed using v1.2 or v2 have **AMNDEM**=-4.

**PCA**

Variable type	Original UDS variable
Short descriptor	Dementia syndrome — Posterior cortical atrophy syndrome (or primary visual presentation)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No diagnosis of dementia -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3, 4b
FV question no.	Not applic	Not applic	3, 4b
TI question no.			3, 4b
TF question no.		Not applic	3, 4b

Description/derivation UDS version 1.2 or 2: Data were not collected on PCA; therefore, **PCA**=-4 for subjects assessed using versions 1–2.

UDS version 3: Subjects with dementia (**DEMENTED**=1) and posterior cortical atrophy (PCA) syndrome have **PCA**=1. Subjects with dementia but without a PCA syndrome have **PCA**=0. Subjects without dementia have **PCA**=8.

**NACCPPA**

		DATA SOURCE		
		Uniform Data Set (UDS)		
Form, version	v1.2	v2.0	v3.0/3.2	
IV question no.	3, 4a-4d, 12	3, 4a-4d, 13	3, 4c	
FV question no.	3, 4a-4d, 12	3, 4a-4d, 13	3, 4c	
TI question no.			3, 4c	
TF question no.		3, 4a-4d, 13	3, 4c	

Variable type NACC derived variable

Short descriptor Primary progressive aphasia (PPA) with cognitive impairment

Data type Numeric longitudinal

Allowable codes

0 = No	
1 = Yes	
7 = Subject had Impaired-not-MCI or MCI but is missing information on presence/absence of PPA	
8 = No cognitive impairment	

Description/derivation Please note that the use of the term PPA in the context of the continuum of MCI and dementia has never been explicitly addressed by experts in the field, so that in UDS v1.2–2 and v3, subjects meeting criteria for PPA could be assigned syndromic diagnoses of either MCI or dementia. The **NACCPPA** variable combines subjects diagnosed with PPA having Impaired-not-MCI, MCI, or dementia. If interested in examining whether the subject had a diagnosis of Impaired-not-MCI, MCI, or dementia, refer to the **NACCUDSD** variable. Researchers may request all variables related to PPA and cognitive status that were originally collected across versions.

Subjects with PPA syndrome and Impaired-not-MCI, MCI, or dementia have **NACCPPA**=1. Subjects with Impaired-not-MCI, MCI, or dementia but with a syndrome or etiologic diagnosis other than PPA have **NACCPPA**=0. Subjects with Impaired-not-MCI, MCI, or dementia but who are missing information on whether it was related to PPA or not have **NACCPPA**=7. Subjects with normal cognition have **NACCPPA**=8.

Please note that only in UDS v1.2 and v2 could clinicians indicate that a subject had MCI with a suspected underlying etiologic diagnosis of PPA (**PPAPHIF**). These subjects can be identified by referring to the MCI (**NACCTMCI**) and PPA (**PPAPHIF**) variables. In UDS v3, PPA is no longer collected as an etiologic diagnosis, but instead as a dementia syndrome; therefore, subjects with MCI in v3 will never have PPA as the underlying etiologic diagnosis.

**NACCPPAG**

Variable type	NACC derived variable
Short descriptor	Dementia syndrome — Primary progressive aphasia (PPA) subtype according to the criteria outlined by Gorno-Tempini et al. 2011
Data type	Numeric longitudinal
Allowable codes	<p>1 = Meets criteria for semantic PPA</p> <p>2 = Meets criteria for logopenic PPA</p> <p>3 = Meets criteria for nonfluent/agrammatic PPA</p> <p>4 = PPA other/not otherwise specified</p> <p>7 = Impaired but no PPA syndrome</p> <p>8 = No cognitive impairment</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation Subjects with a PPA dementia syndrome but who were assessed using UDS v1.2 or v2 (PPA subtype were not assessed according to the Gorno-Tempini criteria in UDS v1.2–v2) will have **NACCPPAG**=-4. Please note that some subjects assessed with UDS v2 also had an FTLD Module completed at that visit; the FTLD Module data can be requested from NACC for these subjects to obtain their PPA subtype as defined by the Gorno-Tempini criteria.

Please note that only in UDS v1.2 and v2 could clinicians indicate that a subject had MCI with a suspected underlying etiologic diagnosis of PPA (**PPAPHIF**). These subjects can be identified by referring to the MCI (**NACCTMCI**) and PPA (**PPAPHIF**) variables, and their PPA subtype can be determined by referring to the **NACCPPME** variable. In UDS v3, PPA subtype is no longer collected for subjects with MCI.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4c1
FV question no.	Not applic	Not applic	4c1
TI question no.			4c1
TF question no.		Not applic	4c1

**NACCPPME**

Variable type	NACC derived variable
Short descriptor	Primary progressive aphasia (PPA) subtype according to older criteria outlined by Mesulam et al (2001 and 2003)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Meets criteria for progressive nonfluent PPA</p> <p>2 = Meets criteria for semantic dementia — anomia plus word comprehension</p> <p>3 = Meets criteria for semantic dementia — agnostic variant</p> <p>4 = PPA other/not otherwise specified (logopenic, anomic, transcortical, word deafness, syntactic comprehension, motor speech disorder)</p> <p>6 = Subject had MCI but missing information on presence / absence of PPA</p> <p>7 = Subject was cognitively impaired but did not have PPA</p> <p>8 = No cognitive impairment</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with MCI or Impaired-not-MCI but who are missing information on whether it was related to PPA or not have <b>NACCPPME</b> =6. Subjects without cognitive impairment (Impaired-not-MCI, MCI, or dementia) and subjects with cognitive impairment but without a PPA syndrome have <b>NACCPPME</b> =8 and <b>NACCPPME</b> =7, respectively. Subjects with a PPA dementia syndrome but who were assessed using UDS v3 have <b>NACCPPME</b> =-4 (PPA subtype were not assessed according to the Mesulam criteria; refer to <b>NACCPAG</b> instead). Please note that some subjects assessed with UDS v2 also had an FTLD Module completed at that visit; the FTLD Module data can be requested for these subjects to obtain their PPA subtype as defined by the Gorno-Tempini criteria.

Form, version	DATA SOURCE Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	12a1, 12a2, 12a3, 12a4	13a1, 13a2, 13a3, 13a4	Not applic
FV question no.	12a1, 12a2, 12a3, 12a4	13a1, 13a2, 13a3, 13a4	Not applic
TI question no.			Not applic
TF question no.		13a1, 13a2, 13a3, 13a4	Not applic

**NACCBVFT**

Variable type	NACC derived variable
Short descriptor	Dementia syndrome — behavioral variant FTD syndrome (bvFTD)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>8 = No diagnosis of dementia</p>

Form, version	DATA SOURCE Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	3, 11	3, 12	4d
FV question no.	3, 11	3, 12	4d
TI question no.			4d
TF question no.		3, 12	4d

Description/derivation	Subjects with a bvFTD dementia syndrome have <b>NACCBVFT</b> =1. Subjects with a dementia syndrome or etiologic diagnosis other than bvFTD have <b>NACCBVFT</b> =0. Subjects without dementia have <b>NACCBVFT</b> =8.  Please note that only in v1.2 and v2 of the UDS, clinicians could indicate that the subject had MCI with a suspected underlying etiologic diagnosis of bvFTD; to examine these subjects, refer to the MCI ( <b>NACCTMCI</b> ) and bvFTD ( <b>FTDIF</b> ) variables.
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**NACCLBDS**

Variable type	NACC derived variable
Short descriptor	Dementia syndrome — Lewy body dementia syndrome
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No diagnosis of dementia
Description/derivation	Subjects with a Lewy body dementia syndrome have <b>NACCLBDS</b> =1. Subjects with dementia but with a syndrome or etiologic diagnosis other than Lewy body dementia have <b>NACCLBDS</b> =0. Subjects without dementia have <b>NACCLBDS</b> =8.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	3, 7	3, 7	4e
FV question no.	3, 7	3, 7	4e
TI question no.			4e
TF question no.		3, 7	4e

**NAMNDEM**

Variable type	Original UDS question
Short descriptor	Dementia syndrome — Non-amnestic multidomain dementia, not PCA, PPA, bvFTD, or DLB syndrome
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No diagnosis of dementia -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4f
FV question no.	Not applic	Not applic	4f
TI question no.			4f
TF question no.		Not applic	4f

Description/derivation	Subjects with non-amnestic multidomain dementia (not PCA, PPA, bvFTD, or DLB syndrome) have <b>NAMNDEM</b> =1. Subjects with dementia but with another type of dementia syndrome have <b>NAMNDEM</b> =0. Subjects without dementia have <b>NAMNDEM</b> =8.
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Data were not collected for this specific type of dementia syndrome in UDS v1.2 and v2; therefore, **NAMNDEM**=-4 for subjects with visits completed using v1.2 or v2 of the UDS.

**NACCTMCI**

Variable type	NACC derived variable
Short descriptor	Mild cognitive impairment (MCI) type
Data type	Numeric longitudinal
Allowable codes	1 = Amnestic MCI- single domain 2 = Amnestic MCI- multiple domain 3 = Non-amnestic MCI- single domain 4 = Non-amnestic MCI- multiple domain 8 = No diagnosis of MCI

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	4a, 4b, 4c, 4d	4a, 4b, 4c, 4d	5a, 5b, 5c, 5d
FV question no.	4a, 4b, 4c, 4d	4a, 4b, 4c, 4d	5a, 5b, 5c, 5d
TI question no.			5a, 5b, 5c, 5d
TF question no.		4a, 4b, 4c, 4d	5a, 5b, 5c, 5d

Description/derivation	Clinicians are asked to designate the type of cognitive impairment for subjects who do not have normal cognition and who are not demented. If the subject had normal cognition or dementia, or was diagnosed as impaired, not MCI, then <b>NACCTMCI</b> =8.
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**NACCMCIL**

Variable type	NACC derived variable
Short descriptor	MCI domain affected — language
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not diagnosed with MCI
Description/derivation	Subjects with amnestic or non-amnestic MCI who were indicated as being affected in the language domain have <b>NACCMCIL</b> =1. Subjects with MCI who are not affected in the language domain have <b>NACCMCIL</b> =0. Subjects who do not have MCI (have normal cognition, dementia, or impaired, not MCI) have <b>NACCMCIL</b> =8.

**NACCMCIA**

Variable type	NACC derived variable
Short descriptor	MCI domain affected — attention
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not diagnosed with MCI
Description/derivation	Subjects with amnestic or non-amnestic MCI who were indicated as being affected in the attention domain have <b>NACCMCIA</b> =1. Subjects with MCI who are not affected in the attention domain have <b>NACCMCIA</b> =0. Subjects who do not have MCI (have normal cognition, dementia, or impaired, not MCI) have <b>NACCMCIA</b> =8.

**NACCMCIE**

Variable type	NACC derived variable
Short descriptor	MCI domain affected — executive function
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not diagnosed with MCI
Description/derivation	Subjects with amnestic or non-amnestic MCI who were indicated as being affected in the executive function domain have <b>NACCMCIE</b> =1. Subjects with MCI who are not affected in the executive function domain have <b>NACCMCIE</b> =0. Subjects who do not have MCI (have normal cognition, dementia, or impaired, not MCI) have <b>NACCMCIE</b> =8.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b1, 4c1, 4d1	4b1, 4c1, 4d1	5b1, 5c1, 5d1
FV question no.	4b1, 4c1, 4d1	4b1, 4c1, 4d1	5b1, 5c1, 5d1
TI question no.			5b1, 5c1, 5d1
TF question no.		4b1, 4c1, 4d1	5b1, 5c1, 5d1

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b2, 4c2, 4d2	4b2, 4c2, 4d2	5b2, 5c2, 5d2
FV question no.	4b2, 4c2, 4d2	4b2, 4c2, 4d2	5b2, 5c2, 5d2
TI question no.			5b2, 5c2, 5d2
TF question no.		4b2, 4c2, 4d2	5b2, 5c2, 5d2

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b3, 4c3, 4d3	4b3, 4c3, 4d3	5b3, 5c3, 5d3
FV question no.	4b3, 4c3, 4d3	4b3, 4c3, 4d3	5b3, 5c3, 5d3
TI question no.			5b3, 5c3, 5d3
TF question no.		4b3, 4c3, 4d3	5b3, 5c3, 5d3

**NACCMCIV**

Variable type	NACC derived variable
Short descriptor	MCI domain affected — visuospatial
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not diagnosed with MCI
Description/derivation	Subjects with amnestic or non-amnestic MCI who were indicated as being affected in the visuospatial domain have <b>NACCMCIV</b> =1. Subjects with MCI who are not affected in the visuospatial domain have <b>NACCMCIV</b> =0. Subjects who do not have MCI (have normal cognition, dementia, or impaired, not MCI) have <b>NACCMCIV</b> =8.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4b4, 4c4, 4d4	4b4, 4c4, 4d4	5b4, 5c4, 5d4
FV question no.	4b4, 4c4, 4d4	4b4, 4c4, 4d4	5b4, 5c4, 5d4
TI question no.			5b4, 5c4, 5d4
TF question no.		4b4, 4c4, 4d4	5b4, 5c4, 5d4

**IMPNOMCI**

Variable type	Original UDS question
Short descriptor	Cognitively impaired, not MCI
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes
Description/derivation	Subjects with normal cognition, dementia, or MCI have <b>IMPNOMCI</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	4e	4e	5e
FV question no.	4e	4e	5e
TI question no.			5e
TF question no.		4e	5e

**AMYLPET**

Variable type	Original UDS question
Short descriptor	Abnormally elevated amyloid on PET
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2 will have <b>AMYLPET</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6a
FV question no.	Not applic	Not applic	6a
TI question no.			6a
TF question no.		Not applic	6a

**AMYLCSF**

Variable type	Original UDS question
Short descriptor	Abnormally low amyloid in CSF
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>AMYLCSF</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6b
FV question no.	Not applic	Not applic	6b
TI question no.			6b
TF question no.		Not applic	6b

**FDGAD**

Variable type	Original UDS question
Short descriptor	FDG-PET pattern of AD
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>FDGAD</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6c
FV question no.	Not applic	Not applic	6c
TI question no.			6c
TF question no.		Not applic	6c

**HIPPATR**

Variable type	Original UDS question
Short descriptor	Hippocampal atrophy
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>HIPPATR</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6d
FV question no.	Not applic	Not applic	6d
TI question no.			6d
TF question no.		Not applic	6d

**TAUPETAD**

Variable type	Original UDS question
Short descriptor	Tau PET evidence for AD
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>TAUPETAD</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6e
FV question no.	Not applic	Not applic	6e
TI question no.			6e
TF question no.		Not applic	6e

**CSFTAU**

Variable type	Original UDS question
Short descriptor	Abnormally elevated CSF Tau or pTau
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>CSFTAU</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6f
FV question no.	Not applic	Not applic	6f
TI question no.			6f
TF question no.		Not applic	6f

**FDGFTLD**

Variable type	Original UDS question
Short descriptor	FDG-PET evidence for frontal or anterior temporal hypometabolism for FTLD
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>FDGFTLD</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6g
FV question no.	Not applic	Not applic	6g
TI question no.			6g
TF question no.		Not applic	6g

**TPETFTLD**

Variable type	Original UDS question
Short descriptor	Tau PET evidence for FTLD
Data type	Numeric longitudinal
Allowable codes	<p>0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>TPETFTLD</b>=-4.</p> <p>Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6h
FV question no.	Not applic	Not applic	6h
TI question no.			6h
TF question no.		Not applic	6h

**MRFTLD**

Variable type	Original UDS question
Short descriptor	Structural MR evidence for frontal or anterior temporal atrophy for FTLD
Data type	Numeric longitudinal
Allowable codes	<p>0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>MRFTLD</b>=-4.</p> <p>Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6i
FV question no.	Not applic	Not applic	6i
TI question no.			6i
TF question no.		Not applic	6i

**DATSCAN**

Variable type	Original UDS question
Short descriptor	Dopamine transporter scan (DATscan) evidence for Lewy body disease
Data type	Numeric longitudinal
Allowable codes	<p>0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>DATSCAN</b>=-4.</p> <p>Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.</p>

**DATA SOURCE**

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6j
FV question no.	Not applic	Not applic	6j
TI question no.			6j
TF question no.		Not applic	6j

**OTHBIOM**

Variable type	Original UDS question
Short descriptor	Biomarker findings — Other
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>OTHBIOM</b> =-4. Centers answer this question based on local standards for positivity; methods of evaluation and cutoffs may vary by Center.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6k
FV question no.	Not applic	Not applic	6k
TI question no.			6k
TF question no.		Not applic	6k

**OTHBIOMX**

Variable type	Original UDS question
Short descriptor	Biomarker findings — Other (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another biomarker finding is indicated ( <b>OTHBIOM</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6k1
FV question no.	Not applic	Not applic	6k1
TI question no.			6k1
TF question no.		Not applic	6k1

**IMAGLINF**

Variable type	Original UDS question
Short descriptor	Large vessel infarct(s)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 forms will have <b>IMAGLINF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7a
FV question no.	Not applic	Not applic	7a
TI question no.			7a
TF question no.		Not applic	7a

**IMAGLAC**

Variable type	Original UDS question
Short descriptor	Lacunar infarct(s)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>IMAGLAC</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7b
FV question no.	Not applic	Not applic	7b
TI question no.			7b
TF question no.		Not applic	7b

**IMAGMACH**

Variable type	Original UDS question
Short descriptor	Macrohemorrhage(s)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>IMAGMACH</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7c
FV question no.	Not applic	Not applic	7c
TI question no.			7c
TF question no.		Not applic	7c

**IMAGMICH**

Variable type	Original UDS question
Short descriptor	Microhemorrhage(s)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>IMAGMICH</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7d
FV question no.	Not applic	Not applic	7d
TI question no.			7d
TF question no.		Not applic	7d

**IMAGMWMH**

Variable type	Original UDS question
Short descriptor	Moderate white-matter hyperintensity (CHS score 5–6)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>IMAGMWMH</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7e
FV question no.	Not applic	Not applic	7e
TI question no.			5e
TF question no.		Not applic	7e

**IMAGEWMH**

Variable type	Original UDS question
Short descriptor	Extensive white-matter hyperintensity (CHS score 7–8)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Imaging findings — Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>IMAGEWMH</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7f
FV question no.	Not applic	Not applic	7f
TI question no.		Not applic	7f
TF question no.		Not applic	7f

**OTHMUT**

Variable type	Original UDS question
Short descriptor	Does the subject have a hereditary mutation other than an AD or FTLD mutation?
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown/not assessed -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits conducted using UDS v1.2 or v2.0 will have <b>OTHMUT</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	10
FV question no.	Not applic	Not applic	10
TI question no.			10
TF question no.		Not applic	10

**OTHMUTX**

Variable type	Original UDS question
Short descriptor	Other mutation, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a mutation other than an AD or FTLD mutation is indicated ( <b>OTHMUT</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	10a
FV question no.	Not applic	Not applic	10a
TI question no.			10a
TF question no.		Not applic	10a

**NACCALZD**

Variable type	NACC Derived variable
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Alzheimer's disease
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes 8 = No cognitive impairment

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5, 6	5, 6	11
FV question no.	5, 6	5, 6	11
TI question no.			11
TF question no.		5, 6	11

Description/derivation Subjects with normal cognition have **NACCALZD**=8. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and Alzheimer's disease indicated as the etiologic diagnosis have **NACCALZD**=1. Subjects with cognitive impairment and no Alzheimer's disease etiologic diagnosis have **NACCALZD**=0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. It is important to note that the criteria for an etiologic diagnosis of Alzheimer's disease is different in versions 1-2 and 3: in v1.2 and v2, the NINCDS/ADRDA criteria were applied and in v3 the NIA-AA criteria for AD dementia are applied. While these criteria are quite similar, they do have subtle differences.

Note that variables indicating a diagnosis of probable and possible AD (NINCDS/ADRDA criteria) were collected in UDS v1.2 and v2 and are no longer collected in UDS v3.

Note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining at the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**NACCALZP**

Variable type	NACC Derived variable
Short descriptor	Primary, contributing, or non-contributing cause of observed cognitive impairment — Alzheimer's disease (AD)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but not AD diagnosis 8 = Diagnosis of normal cognition

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	5a, 6a	5a, 6a	11a
FV question no.	5a, 6a	5a, 6a	11a
TI question no.			11a
TF question no.		5a, 6a	11a

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of AD have **NACCALZP**=8 AND **NACCALZP**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

It is important to note that the criteria for an etiologic diagnosis of Alzheimer's disease is different in versions 1-2 and 3: in v1.2 and v2, the NINCDS/ADRDA criteria were applied, and in v3 the NIA-AA criteria for AD dementia are applied. While these criteria are quite similar, they do have subtle differences.

**PROBAD**

Variable type	Original UDS variable
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Probable Alzheimer's disease
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No cognitive impairment -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects with normal cognition have **PROBAD** = 8. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and Probable Alzheimer's disease (NINCDS/ADRDA) indicated as the etiologic diagnosis have **PROBAD** = 1. Subjects with cognitive impairment and no probable Alzheimer's disease etiologic diagnosis have **PROBAD** = 0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUUDS** variable.

Please note that the presence of probable and possible AD were collected in UDS v1.2 and v2 and were no longer collected in UDS v3.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	5	5	Not applic
FV question no.	5	5	Not applic
TI question no.			Not applic
TF question no.		5	Not applic

**PROBADIF**

Variable type	Original UDS variable
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Probable Alzheimer's disease
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but not AD diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of AD have **PROBADIF** = 8 and **PROBADIF** = 7, respectively.

Please note that the presence of probable and possible AD were collected in UDS v1.2 and v2 and were no longer collected in UDS v3.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	5a	5a	Not applic
FV question no.	5a	5a	Not applic
TI question no.			Not applic
TF question no.		5a	Not applic

**POSSAD**

Variable type	Original UDS variable
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Possible Alzheimer's disease
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No cognitive impairment -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects with normal cognition have **POSSAD**=8. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and Possible Alzheimer's disease (NINCDS/ADRDA) indicated as the etiologic diagnosis have **POSSAD**=1. Subjects with cognitive impairment and no Possible Alzheimer's disease etiologic diagnosis have **POSSAD**=0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Please note that the presence of probable and possible AD were collected in UDS v1.2 and v2 and were no longer collected in UDS v3.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	6	6	Not applic
FV question no.	6	6	Not applic
TI question no.			Not applic
TF question no.		6	Not applic

**POSSADIF**

Variable type	Original UDS variable
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Possible Alzheimer's disease
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but not AD diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of AD have **POSSADIF**=8 and **POSSADIF**=7, respectively.

Please note that the presence of probable and possible AD were collected in UDS v1.2 and v2 and were no longer collected in UDS v3.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	6a	6a	Not applic
FV question no.	6a	6a	Not applic
TI question no.			Not applic
TF question no.		6a	Not applic

**NACCLBDE**

Variable type	NACC Derived variable
Short descriptor	Presumptive etiologic diagnosis — Lewy body disease
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes 8 = No cognitive impairment
Description/derivation	Subjects with Parkinson's disease have <b>NACCLBDE</b> =1. Subjects with normal cognition and no Parkinson's disease have <b>NACCLBDE</b> =8. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and Lewy body disease indicated as the etiologic diagnosis (DLB or Parkinson's disease) have <b>NACCLBDE</b> =1. Subjects with cognitive impairment and no Lewy body disease as an etiologic diagnosis have <b>NACCLBDE</b> =0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7, 22	7, 23	12
FV question no.	7, 22	7, 23	12
TI question no.			12
TF question no.		7, 23	12

Note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining at the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

To focus on individuals with Parkinson's disease, refer to the variable **PARK** described below.

**NACCLBDP**

Variable type	NACC Derived variable
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Lewy body disease (LBD)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but not LBD diagnosis 8 = Diagnosis of normal cognition

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	7a, 22a	7a, 23a	12a
FV question no.	7a, 22a	7a, 23a	12a
TI question no.			12a
TF question no.		7a, 23a	12a

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of LBD have **NACCLBDP**=8 and **NACCLBDP**=7, respectively. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and Lewy body disease indicated as the etiologic diagnosis (DLB or Parkinson's disease) will have **NACCLBDP**=1, 2, or 3. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

**PARK**

Variable type	Original UDS question
Short descriptor	Parkinson's disease present
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	22	23	12b
FV question no.	22	23	12b
TI question no.			12b
TF question no.		23	12b

Description/derivation Subjects with a diagnosis of Parkinson's disease, regardless of cognitive status, have **PARK**=1. Otherwise, **PARK**=0. To determine whether the subject was cognitively impaired, not MCI, or had normal cognition, MCI or dementia, refer to the **NACCUDSD** variable. To determine whether Parkinson's disease was the primary or contributing cause of any observed cognitive impairment, use the **NACCLBDP** variable.

Note that among demented subjects who had visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**MSA**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Multiple system atrophy (MSA)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation	This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have <b>MSA</b> =-4. To determine whether the subject was cognitively impaired, not MCI, or had normal cognition, MCI or dementia, refer to the <b>NACCUDSD</b> variable.  Note that among demented subjects who had UDS visits using UDS v3, their dementia syndrome(s) during that particular UDS visit can determined by examining at the following variables: <b>NACCAMND</b> , <b>PCA</b> , <b>NACCPPA</b> , <b>NACCBVFT</b> , <b>NACCLBDS</b> , <b>NACCNAMD</b> .
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Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	13
FV question no.	Not applic	Not applic	13
TI question no.			13
TF question no.		Not applic	13

**MSAIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Multiple system atrophy (MSA)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no MSA diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation	This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have <b>MSAIF</b> =-4. Subjects with normal cognition and who are cognitively impaired without an etiologic diagnosis of MSA have <b>MSAIF</b> =8 and <b>MSAIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had normal cognition, MCI or dementia, refer to the <b>UDSD</b> variable.  Note that among demented subjects who had UDS visits using UDS v3, their dementia syndrome(s) during that particular UDS visit can determined by examining at the following variables: <b>NACCAMND</b> , <b>PCA</b> , <b>NACCPPA</b> , <b>NACCBVFT</b> , <b>NACCLBDS</b> , <b>NACCNAMD</b> .
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Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	13a
FV question no.	Not applic	Not applic	13a
TI question no.			13a
TF question no.		Not applic	13a

**PSP**

Variable type	Original UDS variable
Short descriptor	Presumptive etiologic diagnosis — primary supranuclear palsy (PSP)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	13	14	14a
FV question no.	13	14	14a
TI question no.			14a
TF question no.		14	14a

Description/derivation Subjects with PSP indicated as the etiologic diagnosis have **NACCPSP**=1. Subjects with no diagnosis of PSP have **NACCPSP**=0. To determine whether the subject was cognitively impaired, not MCI, or had normal cognition, MCI or dementia, refer to the **NACCUDSD** variable. It is important to note that the criteria for an etiologic diagnosis of PSP is different in versions 1-2 and 3: in v1.2 and v2, the Litvan criteria were applied and in v3 the Bensimon criteria are applied. While these criteria are quite similar, they do have subtle differences.

Note that among demented subjects with visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**PSPIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Primary supranuclear palsy (PSP)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no PSP diagnosis 8 = Diagnosis of normal cognition

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	13a	14a	14a1
FV question no.	13a	14a	14a1
TI question no.			14a1
TF question no.		14a	14a1

Description/derivation Subjects with normal cognition and subjects who were cognitively impaired without an etiologic diagnosis of PSP have **PSPIF**=8 and **PSPIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **IMPNOMCI**, **NACCTMCI**, and **DEMENTED** variables. It is important to note that the criteria for an etiologic diagnosis of PSP is different in versions 1–2 and 3: in v1.2 and v2, the Litvan criteria were applied, and in v3 the Bensimon criteria are applied. While these criteria are quite similar, they do have subtle differences.

Please note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**CORT**

Variable type	Original UDS variable
Short descriptor	Presumptive etiologic diagnosis — Corticobasal degeneration (CBD)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes

Form, version	DATA SOURCE Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	14	15	14b
FV question no.	14	15	14b
TI question no.			14b
TF question no.		15	14b

Description/derivation Subjects with CBD indicated as the etiologic diagnosis have **CORT**=1. Subjects with no diagnosis of CBD have **CORT**=0. To determine whether the subject was cognitively impaired, not MCI, or had normal cognition, MCI or dementia, refer to the **NACCUUDSD** variable. It is important to note that the criteria for an etiologic diagnosis of PSP is different in versions 1–2 and 3: in v1.2 and v2, the Litvan criteria were applied, and in v3 the Armstrong criteria are applied. While these criteria are quite similar, they do have subtle differences.

Please note that among demented subjects with visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**CORTIF**

Variable type	Original UDS variable
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Corticobasal degeneration (CBD)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no CBD diagnosis 8 = Diagnosis of normal cognition

Form, version	DATA SOURCE Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	14a	15a	14b1
FV question no.	14a	15a	14b1
TI question no.			14b1
TF question no.		15a	14b1

Description/derivation Subjects with normal cognition and with cognitive impairment without an etiologic diagnosis of CBD have **CORTUF**=8 and **CORTIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUUDSD** variable. It is important to note that the criteria for an etiologic diagnosis of PSP is different in versions 1–2 and 3: in v1.2 and v2, the Litvan criteria were applied and in v3 the Armstrong criteria are applied. While these criteria are quite similar, they do have subtle differences.

Note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

**FTLDMO**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — FTLD with motor neuron disease (MND)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **FTLDMO**=-4. Subjects with FTLD with motor neuron disease (MND) indicated as the etiologic diagnosis have **FTLDMO**=1. Subjects without FTLD with MND as an etiologic diagnosis have **FTLDMO**=0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Note that among demented subjects with visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAME**.

**FTLDMOIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — FTLD with motor neuron disease (MND)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no FTLD with MND diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **FTLDMOIF**=-4. Subjects with normal cognition and with cognitive impairment without an etiologic diagnosis of FTLD with motor neuron disease (MND) have **FTLDMOIF**=8 and **FTLDMOIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAME**.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	14c
FV question no.	Not applic	Not applic	14c
TI question no.			14c
TF question no.		Not applic	14c

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	14c1
FV question no.	Not applic	Not applic	14c1
TI question no.			14c1
TF question no.		Not applic	14c1

**FTLDNOS**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — FTLD not otherwise specified (NOS)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)</p> <p>1 = Yes</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **FTLDNOS**=-4. Subjects with any cognitive impairment (dementia, MCI, or impaired, not MCI) and FTLD NOS indicated as the etiologic diagnosis have **FTLDNOS**=1. Subjects with cognitive impairment but without FTLD NOS as an etiologic diagnosis have **FTLDNOS**=0. Subjects without cognitive impairment have **FTLDNOS**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Note that among demented subjects with visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAME**.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	14d
FV question no.	Not applic	Not applic	14d
TI question no.			14d
TF question no.		Not applic	14d

**FTLDNOIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — FTLD not otherwise specified (NOS)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>3 = Non-contributing</p> <p>7 = Cognitively impaired but no FTLD NOS diagnosis</p> <p>8 = Diagnosis of normal cognition</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **FTLDNOIF**=-4. Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of FTLD NOS have **FTLDNOIF**=8 and **FTLDNOIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAME**.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
v1.2	v2.0	v3.0/3.2	
IV question no.	Not applic	Not applic	14d1
FV question no.	Not applic	Not applic	14d1
TI question no.			14d1
TF question no.		Not applic	14d1

**FTD**

Variable type	Original UDS question
Short descriptor	Presence of behavioral frontotemporal dementia (bvFTD)
Data type	Numeric longitudinal
Allowable codes	0 = Absent 1 = Present 8 = No cognitive impairment -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **FTD**=-4. Subjects with normal cognition have **FTD**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	11	12	Not applic
FV question no.	11	12	Not applic
TI question no.			Not applic
TF question no.		12	Not applic

**FTDIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — behavioral frontotemporal dementia (bvFTD)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 7 = Cognitively impaired but no bvFTD diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **FTDIF**=-4. Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of bvFTD have **FTDIF**=8 and **FTDIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	11a	12a	Not applic
FV question no.	11a	12a	Not applic
TI question no.			Not applic
TF question no.		12a	Not applic

**PPAPH**

Variable type	Original UDS variable
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Primary progressive aphasia (PPA)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No cognitive impairment -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have <b>PPAPH</b> =-4. Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of bvFTD have <b>PPAPH</b> =8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12	13	Not applic
FV question no.	12	13	Not applic
TI question no.			Not applic
TF question no.		13	Not applic

**PPAPHIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — primary progressive aphasia (PPA)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 7 = Cognitively impaired but no PPA diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have <b>PPAPHIF</b> =-4. Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of bvFTD have <b>PPAPHIF</b> =8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	12a	13a	Not applic
FV question no.	12a	13a	Not applic
TI question no.			Not applic
TF question no.		13a	Not applic

**FTLDSUBT**

Variable type	Original UDS question
Short descriptor	FTLD subtype
Data type	Numeric longitudinal
Allowable codes	<p>1 = Tauopathy 2 = TDP-43 proteinopathy 3 = Other 7 = Cognitively impaired but no FTLD diagnosis 8 = Diagnosis of normal cognition 9 = Unknown subtype -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 will have <b>FTLDSUBT</b> =-4. Subjects who are cognitively impaired with no FTLD etiologic diagnosis and those with normal cognition indicated have <b>FTLDSUBT</b> =7 and <b>FTLDSUBT</b> =8, respectively.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	14e
FV question no.	Not applic	Not applic	14e
TI question no.			14e
TF question no.		Not applic	14e

**FTLDSUBX**

Variable type	Original UDS question
Short descriptor	Other FTLD subtype, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a subtype other than a Tauopathy or TDP-43 proteinopathy is indicated ( <b>FTLDSUBT</b> =3), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	14e1
FV question no.	Not applic	Not applic	14e1
TI question no.			14e1
TF question no.		Not applic	14e1

**CVD**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Vascular brain injury (VBI)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15
FV question no.	Not applic	Not applic	15
TI question no.			15
TF question no.		Not applic	15

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **CVD**=-4. Subjects with vascular brain injury (VBI) indicated as the etiologic diagnosis in v3 have **CVD**=1. Subjects with no VBI as an etiologic diagnosis in v3 have **CVD**=0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUDSD** variable.

Note that among demented subjects with visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACCPA**, **NACCBVFT**, **NACCLBDS**, **NACCNAMD**.

Vascular dementia was diagnosed using the NINDS/AIREN possible and probable criteria in UDS v1.2 and v2, and is no longer used in UDS v3. For UDS visits conducted using v1.2 and v2 of the UDS forms, please refer to the **VASC**, **VASCIF**, **VASCPS**, and **VASCPSIF** variables. Additionally, in v1.2 and v2, clinicians could indicate stroke and whether stroke was the primary or contributing cause of the cognitive impairment; please refer to the **STROKE** and **STROKIF** variables for v1.2 and v2.

**CVDIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — vascular brain injury
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no VBI diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15a
FV question no.	Not applic	Not applic	15a
TI question no.			15a
TF question no.		Not applic	15a

Description/derivation This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have **CVDIF**=-4. Subjects with cognitive impairment without an etiologic diagnosis of VBI and those with normal cognition have **CVDIF**=8 and **CVDIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUDSD** variable. Please note that among demented subjects who had UDS visits assessed using UDS v3, their dementia syndrome(s) during that particular UDS visit can be determined by examining the following variables: **NACCAMND**, **PCA**, **NACPPA**, **NACBVFT**, **NACCLBDS**, **NACCNAMD**.

Vascular dementia was diagnosed using the NINDS/AIREN possible and probable criteria in UDS v1 and v2, and is no longer used in UDS v3. For UDS visits conducted using v1.2 and v2 of the UDS forms, please refer to the **VASC**, **VASCIF**, **VASCP**, and **VASCPISF** variables.

**PREVSTK**

Variable type	Original UDS question
Short descriptor	Previous symptomatic stroke
Data type	Numeric longitudinal
Allowable codes	<p>0 = No      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	This variable was not collected in UDS v1.2 and v2; therefore, subjects with visits assessed using UDS v1.2 or UDS v2 forms will have <b>PREVSTK</b> =-4. Subjects with <b>CVD</b> =0 will have <b>PREVSTK</b> =0.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15b
FV question no.	Not applic	Not applic	15b
TI question no.			15b
TF question no.		Not applic	15b

**STROKDEC**

Variable type	Original UDS question
Short descriptor	Temporal relationship between stroke and cognitive decline
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Subject did not have a previous symptomatic stroke -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits using v1.2 or v2 of the UDS forms will have <b>STROKDEC</b> =-4. Subjects with previous vascular brain injury but who had no previous symptomatic stroke reported have <b>STROKDEC</b> =8. Subjects with no vascular brain injury have <b>STROKDEC</b> =-4. Note that for subjects with visits using UDS v2, a similar question was asked on Form B2; refer to <b>STROKCOG</b> .

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15b1
FV question no.	Not applic	Not applic	15b1
TI question no.			15b1
TF question no.		Not applic	15b1

**STKIMAG**

Variable type	Original UDS question
Short descriptor	Confirmation of stroke by neuroimaging
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Subject did not have a previous symptomatic stroke 9 = Unknown, no relevant imaging data available -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with UDS visits using v1.2 or v2 of the UDS forms will have <b>STKIMAG</b> =-4. Subjects who had no previous symptomatic stroke reported have <b>STKIMAG</b> =8. Subjects with no vascular brain injury have <b>STKIMAG</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15b2
FV question no.	Not applic	Not applic	15b2
TI question no.			15b2
TF question no.		Not applic	15b2

**INFNETW**

Variable type	Original UDS question
Short descriptor	Imaging evidence of cystic infarction in cognitive network(s)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown, no relevant imaging data available -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with <b>CVD</b> =0 will have <b>INFNETW</b> =9 as imaging may or may not have been performed

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15c
FV question no.	Not applic	Not applic	15c
TI question no.			15c
TF question no.		Not applic	15c

**INFWMH**

Variable type	Original UDS question
Short descriptor	Imaging evidence of cystic infarction, imaging evidence of extensive white matter hyperintensity (CHS grade 7-8+), and impairment in executive function
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown, no relevant imaging data available -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with <b>CVD</b> =0 will have <b>INFWMH</b> =9, as imaging may or may not have been performed.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15d
FV question no.	Not applic	Not applic	15d
TI question no.			15d
TF question no.		Not applic	15d

**VASC**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Probable vascular dementia (NINDS/AIREN criteria)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not applicable, no cognitive impairment -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with normal cognition have <b>VASC</b> =8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.  Vascular dementia was diagnosed using the NINDS/AIREN probable criteria in UDS v1.2 and v2, and is no longer used in UDS v3. For UDS visits conducted using v3 of the UDS forms and therefore the most current criteria, please refer to the <b>CVD</b> and <b>CVDIF</b> variables.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8	8	Not applic
FV question no.	8	8	Not applic
TI question no.			Not applic
TF question no.		8	Not applic

**VASCIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Probable vascular dementia (NINDS/AIREN criteria)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>7 = Cognitively impaired but no CVD diagnosis</p> <p>8 = Diagnosis of normal cognition</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **VASCIF**=-4. Subjects with normal cognition or who are cognitively impaired but do not have an etiologic diagnosis of probable vascular dementia have **VASCIF**=8 and **VASCIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUDSD** variable.

Vascular dementia was diagnosed using the NINDS/AIREN probable criteria in UDS v1.2 and v2, and is no longer used in UDS v3. For UDS visits conducted using v3 of the UDS forms and therefore the most current criteria, please refer to the **CVD** and **CVDIF** variables.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	8a	8a	Not applic
FV question no.	8a	8a	Not applic
TI question no.			Not applic
TF question no.		8a	Not applic

**VASCPS**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Possible vascular dementia (NINDS/AIREN criteria)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>8 = Not applicable, no cognitive impairment</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **VASCPS**=-4. Subjects with normal cognition have **VASCPS**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUDSD** variable.

Vascular dementia was diagnosed using the NINDS/AIREN possible criteria in v2, and is no longer used in UDS v3. For UDS visits conducted using v3 of the UDS forms and therefore the most current criteria, please refer to the **CVD** and **CVDIF** variables.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	9	Not applic
FV question no.	Not applic	9	Not applic
TI question no.			Not applic
TF question no.		9	Not applic

**VASCPSIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — possible vascular dementia (NINDS/AIREN criteria)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>7 = Cognitively impaired but not diagnosed with primary possible vascular dementia</p> <p>8 = Diagnosis of normal cognition</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **VASCPSIF**=-4. Subjects with normal cognition or who are cognitively impaired but do not have an etiologic diagnosis of possible vascular dementia have **VASCPSIF**=8 and **VASCPSIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUUDSD** variable.

Vascular dementia was diagnosed using the NINDS/AIREN possible criteria in UDS v2, and is no longer used in UDS v3. For UDS visits conducted using v3 of the UDS forms and therefore the most current criteria, please refer to the **CVD** and **CVDIF** variables.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	9a	Not applic
FV question no.	Not applic	9a	Not applic
TI question no.			Not applic
TF question no.		9a	Not applic

**STROKE**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Stroke
Data type	Numeric longitudinal
Allowable codes	<p>0 = No</p> <p>1 = Yes</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation Both silent and symptomatic stroke were captured with this variable in UDS v1.2 and v2. This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **STROKE**=-4; to determine whether the subject had a previous symptomatic stroke indicated in UDS v3, please refer to **PREVSTK**. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	23	24	Not applic
FV question no.	23	24	Not applic
TI question no.			Not applic
TF question no.		24	Not applic

**STROKIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — stroke
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no stroke diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Both silent and symptomatic stroke were captured with this variable in UDS v1.2 and v2. This variable was not collected in UDS v3; therefore, subjects with visits assessed using UDS v3 forms will have **STROKIF**=-4; to determine if the subject had a previous symptomatic stroke indicated in UDS v3, please refer to **PREVSTK**. Subjects with cognitive impairment without a diagnosis of stroke and those with normal cognition have **STROKIF**=7 and **STROKIF**=8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	23a	24a	Not applic
FV question no.	23a	24a	Not applic
TI question no.			Not applic
TF question no.		24a	Not applic

**ESSTREM**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Essential tremor
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects without an etiologic diagnosis of essential tremor have **ESSTREM**=0. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, please refer to the **NACCUDSD** variable. Essential tremor was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have **ESSTREM**=-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	16
FV question no.	Not applic	Not applic	16
TI question no.			16
TF question no.		Not applic	16

**ESSTREIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Essential tremor
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of essential tremor      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition and those with cognitive impairment without an etiologic diagnosis of essential tremor have <b>ESSTREIF</b> =8 and <b>ESSTREIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. Essential tremor was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>ESSTREIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	16a
FV question no.	Not applic	Not applic	16a
TI question no.			16a
TF question no.		Not applic	16a

**DOWNS**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Down syndrome
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	21	22	17
FV question no.	21	22	17
TI question no.			17
TF question no.		22	17

**DOWNSIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Down syndrome
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no Down syndrome diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of Down syndrome and those with normal cognition have <b>DOWNSIF</b> =7 and <b>DOWNSIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	21a	22a	17a
FV question no.	21a	22a	17a
TI question no.			17a
TF question no.		22a	17a

**HUNT**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Huntington's disease
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	15	16	18
FV question no.	15	16	18
TI question no.			18
TF question no.		16	18

**HUNTIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Huntington's disease
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no Huntington's disease diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	15a	16a	18a
FV question no.	15a	16a	18a
TI question no.			18a
TF question no.		16a	18a

Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of Huntington's disease and those with normal cognition have <b>HUNTIF</b> =7 and <b>HUNTIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.
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**PRION**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Prion disease (CJD, other)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <a href="#">NACCUDSD</a> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	16	17	19
FV question no.	16	17	19
TI question no.			19
TF question no.		17	19

**PRONIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Prion disease (CJD, other)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no Prion disease diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of prion disease and those with normal cognition have <b>PRONIF</b> =7 and <b>PRONIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <a href="#">NACCUDSD</a> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	16a	17a	19a
FV question no.	16a	17a	19a
TI question no.			19a
TF question no.		17a	19a

**BRNINJ**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Traumatic brain injury (TBI)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <a href="#">NACCUDSD</a> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	25	26	20
FV question no.	25	26	20
TI question no.			20
TF question no.		26	20

**BRNINJIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Traumatic brain injury (TBI)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of TBI      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of TBI and those with normal cognition have <b>BRNINJIF</b> =7 and <b>BRNINJIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	25a	26a	20a
FV question no.	25a	26a	20a
TI question no.			20a
TF question no.		26a	20a

**BRNINCTE**

Variable type	Original UDS question
Short descriptor	Symptoms consistent with chronic traumatic encephalopathy (CTE)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No      1 = Yes      9 = Unknown      8 = No TBI diagnosis      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects without an etiologic diagnosis of TBI will have <b>BRNINCTE</b> =8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>BRNINCTE</b> =-4.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	20b
FV question no.	Not applic	Not applic	20b
TI question no.			20b
TF question no.		Not applic	20b

**HYCEPH**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Normal-pressure hydrocephalus (NPH)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	24	25	21
FV question no.	24	25	21
TI question no.			21
TF question no.		25	21

**HYCEPHIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Normal-pressure hydrocephalus (NPH)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no hydrocephalus diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of NPH and those with normal cognition have <b>HYCEPHIF</b> =7 and <b>HYCEPHIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	24a	25a	21a
FV question no.	24a	25a	21a
TI question no.			21a
TF question no.		25a	21a

**EPILEP**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Epilepsy
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	22
FV question no.	Not applic	Not applic	22
TI question no.			22
TF question no.		Not applic	22

Description/derivation	Subjects without an etiologic diagnosis of epilepsy have <b>EPILEP</b> =8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have <b>EPILEP</b> =-4.
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**EPILEPIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Epilepsy
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no epilepsy diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of epilepsy and those with normal cognition have <b>EPILEPIF</b> =7 and <b>EPILEPIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have <b>EPILEPIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	22a
FV question no.	Not applic	Not applic	22a
TI question no.			22a
TF question no.		Not applic	22a

**NEOP**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — CNS neoplasm
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	26	27	23
FV question no.	26	27	23
TI question no.			23
TF question no.		27	23

**NEOPIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — CNS neoplasm
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no CNS neoplasm diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of CNS neoplasm and those with normal cognition have <b>NEOPIF</b> =7 and <b>NEOPIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	26a	27a	23a
FV question no.	26a	27a	23a
TI question no.			23a
TF question no.		27a	23a

**NEOPSTAT**

Variable type	Original UDS question
Short descriptor	CNS neoplasm — benign or malignant
Data type	Numeric longitudinal
Allowable codes	1 = Benign 2 = Malignant 8 = No diagnosis of CNS neoplasm -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	23b
FV question no.	Not applic	Not applic	23b
TI question no.			23b
TF question no.		Not applic	23b

Description/derivation Subjects without an etiologic diagnosis of CNS neoplasm have **NEOPSTAT**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have **NEOPSTAT**=-4.

**HIV**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Human immunodeficiency virus (HIV)
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	24
FV question no.	Not applic	Not applic	24
TI question no.			24
TF question no.		Not applic	24

Description/derivation To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have HIV=-4.

**HIVIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — HIV
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no HIV diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	24a
FV question no.	Not applic	Not applic	24a
TI question no.			24a
TF question no.		Not applic	24a

Description/derivation Subjects with cognitive impairment without an etiologic diagnosis of HIV and those with normal cognition have **HIVIF**=7 and **HIVIF**=8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have **HIVIF**=-4.

**OTHCOG**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Other neurological, genetic, or infectious condition
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)</p> <p>1 = Yes</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS will have <b>OTHCOG</b> =-4; however, other neurological, genetic, or infectious conditions may have been provided in <b>COGOTH</b> , <b>COGOTH2</b> , and <b>COGOTH3</b> in v1.1 and v2.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	25
FV question no.	Not applic	Not applic	25
TI question no.			25
TF question no.		Not applic	25

**OTHCOGIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other neurological, genetic, or infectious condition
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>3 = Non-contributing</p> <p>7 = Cognitively impaired but no diagnosis of other neurological, genetic, or infectious condition</p> <p>8 = Diagnosis of normal cognition</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	<p>To determine whether the subject was cognitively normal or Impaired-not-MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.</p> <p>This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>OTHCOGIF</b>=-4; however, other neurological, genetic, or infectious conditions may have been provided in <b>COGOTH1F</b>, <b>COGOTH2F</b>, and <b>COGOTH3F</b> in v1.1 and v2.</p>

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	25a
FV question no.	Not applic	Not applic	25a
TI question no.			25a
TF question no.		Not applic	25a

**OTHCOGX**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Other neurological, genetic, or infectious condition (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	25b
FV question no.	Not applic	Not applic	25b
TI question no.			25b
TF question no.		Not applic	25b

Description/derivation If another neurological, genetic, or infectious condition is indicated (**OTHCOG**=1), it will be listed here; otherwise, this variable will be blank.

This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have blank values for **OTHCOGX**; however, other neurological, genetic, or infectious conditions may have been provided in **COGOTHX**, **COGOTH2X**, and **COGOTH3X** in v1.1 and v2.

**DEP**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Depression
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	19	20	26
FV question no.	19	20	26
TI question no.			26
TF question no.		20	26

**DEPIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Depression
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no depression diagnosis 8 = Diagnosis of normal cognition -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	19a	20a	26a
FV question no.	19a	20a	26a
TI question no.			26a
TF question no.		20a	26a

Description/derivation Subjects with cognitive impairment without an etiologic diagnosis of depression and those with normal cognition have **DEPIF**=7 and **DEPIF**=8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

**DEPTREAT**

Variable type	Original UDS question
Short descriptor	Depression — Treated or untreated
Data type	Numeric longitudinal
Allowable codes	0 = Untreated 1 = Treated 8 = No diagnosis of depression -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects without an etiologic diagnosis of depression have **DEPTREAT**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have **DEPTREAT**=-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	26b
FV question no.	Not applic	Not applic	26b
TI question no.			26b
TF question no.		Not applic	26b

**BIPOLDX**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Bipolar disorder
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have **BIPOLDX**=-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	27
FV question no.	Not applic	Not applic	27
TI question no.			27
TF question no.		Not applic	27

**BIPOLDIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — bipolar disorder
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no bipolar disorder diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of bipolar disorder and those with normal cognition have <b>BIPOLDIF</b> =7 and <b>BIPOLDIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>BIPOLDIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	27a
FV question no.	Not applic	Not applic	27a
TI question no.			27a
TF question no.		Not applic	27a

**SCHIZOP**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Schizophrenia or other psychosis
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>SCHIZOP</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	28
FV question no.	Not applic	Not applic	28
TI question no.			28
TF question no.		Not applic	28

**SCHIZOIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Schizophrenia or other psychosis
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no schizophrenia diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of schizophrenia or other psychosis and those with normal cognition have <b>SCHIZOIF</b> =7 and <b>SCHIZOIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>SCHIZOIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	28a
FV question no.	Not applic	Not applic	28a
TI question no.			28a
TF question no.		Not applic	28a

**ANXIET**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Anxiety
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>ANXIET</b> =-4. However, it is important to note subjects may have anxiety written in as an “other etiologic diagnosis” for v1.2-2; refer to the <b>COGOTH</b> , <b>COGOTH2</b> , and <b>COGOTH3</b> variables.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	29
FV question no.	Not applic	Not applic	29
TI question no.			29
TF question no.		Not applic	29

**ANXIETIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Anxiety
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no anxiety diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of anxiety and those with normal cognition have <b>ANXIETIF</b> =7 and <b>ANXIETIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>ANXIETIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	29a
FV question no.	Not applic	Not applic	29a
TI question no.			29a
TF question no.		Not applic	29a

**DELIR**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Delirium
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>DELIR</b> =-4. Information concerning the presence of delirium is available on Form B5: Neuropsychiatric Inventory.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	30
FV question no.	Not applic	Not applic	30
TI question no.			30
TF question no.		Not applic	30

**DELIRIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Delirium
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no delirium diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of delirium and those with normal cognition have <b>DELIRIF</b> =7 and <b>DELIRIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>DELIRIF</b> =-4.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	30a
FV question no.	Not applic	Not applic	30a
TI question no.			30a
TF question no.		Not applic	30a

**PTSDDX**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Post-traumatic stress disorder (PTSD)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>PTSDDX</b> =-4.

## DATA SOURCE

Form, version	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	31
FV question no.	Not applic	Not applic	31
TI question no.			31
TF question no.		Not applic	31

**PTSDDXIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — PTSD
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>3 = Non-contributing</p> <p>7 = Cognitively impaired but no PTSD diagnosis</p> <p>8 = Diagnosis of normal cognition</p> <p>-4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with cognitive impairment without an etiologic diagnosis of PTSD and those with normal cognition have <b>PTSDDXIF</b> =7 and <b>PTSDDXIF</b> =8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>PTSDDXIF</b> =-4.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	31a
FV question no.	Not applic	Not applic	31a
TI question no.			31a
TF question no.		Not applic	31a

**OTHPSY**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis — Other psychiatric disease
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)</p> <p>1 = Yes</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	20	21	32
FV question no.	20	21	32
TI question no.			32
TF question no.		21	32

It is important to note that the list of diagnoses indicated as “other psychiatric diseases” will be different in v1–2 and v3. For example, PTSD was not collected in v1–2 so it would be listed as an “other psychiatric disease” here in v1–2 but not in v3.

**OTHPSYIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other psychiatric disease
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary</p> <p>2 = Contributing</p> <p>3 = Non-contributing</p> <p>7 = Cognitively impaired but no diagnosis of other psychiatric disease</p> <p>8 = Diagnosis of normal cognition</p>

Form, version	DATA SOURCE		
	Uniform Data Set (UDS)		
	v1.2	v2.0	v3.0/3.2
IV question no.	20a	21a	32a
FV question no.	20a	21a	32a
TI question no.			32a
TF question no.		21a	32a

Subjects with cognitive impairment without an etiologic diagnosis of other psychiatric disease and those with normal cognition have **OTHPSYIF**=7 and **OTHPSYIF**=8, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

**OTHPSYX**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Other psychiatric disease (specify)
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another biomarker finding is indicated ( <b>OTHPSY</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	32b
FV question no.	Not applic	Not applic	32b
TI question no.			32b
TF question no.		Not applic	32b

**ALCDEM**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to alcohol abuse
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes 8 = Diagnosis of normal cognition
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9	10	33
FV question no.	9	10	33
TI question no.			33
TF question no.		10	33

**ALCDEMIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Alcohol abuse
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no diagnosis of impairment due to alcohol abuse 8 = Diagnosis of normal cognition
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of alcohol abuse have <b>ALCDEMIF</b> =8 and <b>ALCDEMIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	9a	10a	33a
FV question no.	9a	10a	33a
TI question no.			33a
TF question no.		10a	33a

**ALCABUSE**

Variable type	Original UDS question
Short descriptor	Current alcohol abuse
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 9 = Unknown 8 = No diagnosis of impairment due to alcohol abuse -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of alcohol abuse have **ALCABUSE**=8. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	33b
FV question no.	Not applic	Not applic	33b
TI question no.			33b
TF question no.		Not applic	33b

**IMPSUB**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to other substance abuse
Data type	Numeric longitudinal
Allowable codes	0 = No (assumed assessed and found not present) 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Description/derivation To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have **IMPSUB**=-4. Information concerning a health history of substance abuse is available on Form A5: Subject Health History for all UDS subjects at their initial visit.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	34
FV question no.	Not applic	Not applic	34
TI question no.			34
TF question no.		Not applic	34

**IMPSUBIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other substance abuse
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of impairment due to substance abuse      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of other substance abuse have <b>IMPSUBIF</b> =8 and <b>IMPSUBIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v1.2 or v2; therefore subjects with visits using v1.2 or v2 of the UDS forms will have <b>IMPSUBIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	34a
FV question no.	Not applic	Not applic	34a
TI question no.			34a
TF question no.		Not applic	34a

**DYSILL**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to systemic disease/medical illness
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	18	19	35
FV question no.	18	19	35
TI question no.			35
TF question no.		19	35

**DYSILLIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — systemic disease/medical illness
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of impairment due to systemic disease/medical illness      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of systemic disease/medical illness have <b>DYSILLIF</b> =8 and <b>DYSILLIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	18a	19a	35a
FV question no.	18a	19a	35a
TI question no.			35a
TF question no.		19a	35a

**MEDS**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Cognitive impairment due to medications
Data type	Numeric longitudinal
Allowable codes	<p>0 = No (assumed assessed and found not present)      1 = Yes</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

## DATA SOURCE

Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	17	18	36
FV question no.	17	18	36
TI question no.			36
TF question no.		18	36

**MEDSIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — medications
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of impairment due to medications      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of cognitive impairment due to medications have <b>MEDSIF</b> =8 and <b>MEDSIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	17a	18a	36a
FV question no.	17a	18a	36a
TI question no.			36a
TF question no.		18a	36a

**DEMUN**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Undetermined etiology
Data type	Numeric longitudinal
Allowable codes	<p>0 = No      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v3; therefore subjects with visits using v3 of the UDS forms will have <b>DEMUN</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10	11	Not applic
FV question no.	10	11	Not applic
TI question no.			Not applic
TF question no.		11	Not applic

**DEMUNIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Undetermined etiology
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no diagnosis of dementia due to undetermined etiology      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of cognitive impairment due to undetermined etiology have <b>DEMUNIF</b> =8 and <b>DEMUNIF</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable. This variable was not collected specifically in UDS v3; therefore subjects with visits using v3 of the UDS forms will have <b>DEMUNIF</b> =-4.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	10a	11a	Not applic
FV question no.	10a	11a	Not applic
TI question no.			Not applic
TF question no.		11a	Not applic

**COGOTH**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Other 1 (specify)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No      1 = Yes</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	27	28	37
FV question no.	27	28	37
TI question no.			37
TF question no.		28	37

Description/derivation To determine whether the subject was cognitively normal, not MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

It is important to note that the list of diagnoses indicated as “other etiologic diagnosis” will be different in v1–2 and v3. For example, cognitive impairment due to other substance abuse was not collected in v1–2 so it would be listed as an “other etiologic diagnosis” here in v1–2 but not in v3.

**COGOTHIF**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other 1 (specify)
Data type	Numeric longitudinal
Allowable codes	1 = Primary 2 = Contributing 3 = Non-contributing 7 = Cognitively impaired but no other etiologic diagnosis 8 = Diagnosis of normal cognition

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	27a	28a	37a
FV question no.	27a	28a	37a
TI question no.			37a
TF question no.		28a	37a

Description/derivation Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of cognitive impairment due to another cause (written-in to the specify field) have **COGOTHIF**=8 and **COGOTHIF**=7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the **NACCUUDSD** variable.

**COGOTHX**

Variable type	Original UDS question
Short descriptor	Other presumptive etiologic diagnosis of the cognitive disorder 1, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If an etiologic diagnosis was written in ( <b>COGOTH</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	27b	28b	37b
FV question no.	27b	28b	37b
TI question no.			37b
TF question no.		28b	37b

**COGOTH2**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Other 2 (specify)
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	29	38
FV question no.	Not applic	29	38
TI question no.			38
TF question no.		29	38

Description/derivation To determine whether the subject was cognitively normal or Impaired-not-MCI, or had MCI or dementia, refer to the **NACCUUDSD** variable.

It is important to note that the list of diagnoses indicated as “other etiologic diagnosis” will be different in v1–2 and v3. For example, cognitive impairment due to other substance abuse was not collected in v1–2 so it would be listed as an “other etiologic diagnosis” here in v1–2 but not in v3.

**COGOTH2F**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other 2 (specify)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no other etiologic diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of cognitive impairment due to another cause (written-in to the specify field) have <b>COGOTH2F</b> =8 and <b>COGOTH2F</b> =7, respectively. To determine whether the subject was cognitively impaired or Impaired-not-MCI, or had MCI or dementia, refer to the <b>NACCUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	29a	38a
FV question no.	Not applic	29a	38a
TI question no.			38a
TF question no.		29a	38a

**COGOTH2X**

Variable type	Original UDS question
Short descriptor	Other presumptive etiologic diagnosis of the cognitive disorder 2, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a second etiologic diagnosis was written in ( <b>COGOTH2</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	29b	38b
FV question no.	Not applic	29b	38b
TI question no.			38b
TF question no.		29b	38b

**COGOTH3**

Variable type	Original UDS question
Short descriptor	Presumptive etiologic diagnosis of the cognitive disorder — Other 3 (specify)
Data type	Numeric longitudinal
Allowable codes	<p>0 = No      1 = Yes      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Description/derivation To determine whether the subject was cognitively impaired or Impaired-not-MCI, or had MCI or dementia, refer to the **NACCUDSD** variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	30	39
FV question no.	Not applic	30	39
TI question no.			39
TF question no.		30	39

It is important to note that the list of diagnoses indicated as “other etiologic diagnosis” will be different in v1–2 and v3. For example, cognitive impairment due to other substance abuse was not collected in v1–2 so it would be listed as an “other etiologic diagnosis” here in v1–2 but not in v3.

**COGOTH3F**

Variable type	Original UDS question
Short descriptor	Primary, contributing, or non-contributing cause of cognitive impairment — Other 3 (specify)
Data type	Numeric longitudinal
Allowable codes	<p>1 = Primary      2 = Contributing      3 = Non-contributing      7 = Cognitively impaired but no other etiologic diagnosis      8 = Diagnosis of normal cognition      -4 = Not applicable: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Subjects with normal cognition or who are cognitively impaired without an etiologic diagnosis of cognitive impairment due to another cause (written-in to the specify field) have <b>COGOTH3F</b> =8 and <b>COGOTH3F</b> =7, respectively. To determine whether the subject was cognitively impaired, not MCI, or had MCI or dementia, refer to the <b>NACCUUDSD</b> variable.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	30a	39a
FV question no.	Not applic	30a	39a
TI question no.			39a
TF question no.		30a	39a

**COGOTH3X**

Variable type	Original UDS question
Short descriptor	Other presumptive etiologic diagnosis of the cognitive disorder 3, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If a third etiologic diagnosis was written in ( <b>COGOTH3</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	30b	39b
FV question no.	Not applic	30b	39b
TI question no.			39b
TF question no.		30b	39b

**NACCNORM**

Variable type	NACC derived variable
Short descriptor	Normal cognition at all visits to date
Data type	Numeric cross-sectional
Allowable codes	<p>0 = Had a diagnosis other than normal cognition (impaired but not MCI, MCI, or dementia) for at least one UDS visit      1 = Normal cognition at all UDS visits</p>
Description/derivation	Subjects diagnosed with normal cognition at all UDS visits have <b>NACCNORM</b> =1. Subjects with at least one visit where the diagnosis was impaired not MCI, MCI, or dementia have <b>NACCNORM</b> =0. Note that although this variable is listed for all visits, its value does not change across visits; it is cross-sectional.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	2	2	2
FV question no.	2	2	2
TI question no.			2
TF question no.		2	2

**NACCDEM**

Variable type	NACC derived variable
Short descriptor	Incident dementia during UDS follow-up
Data type	Numeric cross-sectional
Allowable codes	0 = Did not progress to dementia 1 = Progressed to dementia 8 = Initial visit only or diagnosed with dementia at initial visit

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	3	3	3
FV question no.	3	3	3
TI question no.			3
TF question no.		3	3

Description/derivation Subjects with normal cognition, impaired not MCI, or MCI at the initial visit who have at least one follow-up visit with a dementia diagnosis will have **NACCDEM**=1. Subjects who do not have a follow-up visit with a dementia diagnosis will have **NACCDEM**=0. Those with incident dementia who later revert to normal cognition or MCI will still have **NACCDEM**=1. Subjects who have dementia at the initial visit will have **NACCDEM**=8. Note that although this variable is listed for all visits, its value does not change across visits; it is cross-sectional.

**NACCMCII**

Variable type	NACC derived variable
Short descriptor	Incident MCI during UDS follow-up
Data type	Numeric cross-sectional
Allowable codes	0 = Did not progress to MCI 1 = Progressed to MCI 8 = Initial visit only, or had a diagnosis of MCI or dementia at initial UDS visit, or progressed directly to dementia

DATA SOURCE			
Uniform Data Set (UDS)			
Form, version	v1.2	v2.0	v3.0/3.2
IV question no.	4a, 4b, 4c, 4d	4a, 4b, 4c, 4d	5a, 5b, 5c, 5d
FV question no.	4a, 4b, 4c, 4d	4a, 4b, 4c, 4d	5a, 5b, 5c, 5d
TI question no.			5a, 5b, 5c, 5d
TF question no.		4a, 4b, 4c, 4d	5a, 5b, 5c, 5d

Description/derivation Subjects diagnosed with normal cognition or impaired not MCI at the initial UDS visit who have at least one follow-up visit with a diagnosis of MCI have **NACCMCII**=1. Subjects with normal cognition or impaired not MCI at every visit have **NACCMCII**=0. Those who have an incident MCI visit but subsequently revert to normal cognition or impaired not MCI will still have **NACCMCII**=1. Subjects who have MCI or dementia at the initial visit have **NACCMCII**=8. Subjects who progress directly to dementia without an MCI diagnosis will also have **NACCMCII**=8. Note that although this variable is listed for all visits, its value does not change across visits; it is cross-sectional.

**NACCADMU**

Variable type	NACC derived variable
Short descriptor	Does the subject have a dominantly inherited AD mutation?
Data type	Numeric cross-sectional
Allowable codes	0 = No/unknown 1 = Yes

Description/derivation This derived variable combines data across all UDS v3 visits and the Neuropathology data, if available. If the subject reported evidence of an AD mutation at any visit (UDS Form D1 Question 8 = 1) or if evidence of an AD mutation is determined at autopsy (NP v1,8,9 Question 19 = 1–3; v10 Question 18p = 1; , v11 Question 19p = 1), then the presence will be indicated in **NACCADMU**.

Form, version	DATA SOURCE					
	Uniform Data Set (UDS)			Neuropathology Data		
	v1.2	v2.0	v3.0/3.2	v1	v8	
IV question no.			8	19	19	
FV question no.			8	19	19	
TI question no.			8	19	19	
TF question no.		Not applic	8	18p	19p	

**NACCFTDM**

Variable type	NACC derived variable				
Short descriptor	Does the subject have a hereditary FTLD mutation?				
Data type	Numeric cross-sectional				
Allowable codes	0 = No/unknown 1 = Yes				
Description/derivation	This derived variable combines data across all UDS v3 visits and the Neuropathology data, if available. If the subject reported evidence of an FTLD mutation at any visit (UDS Form D1 Question 9 = 1) or if evidence of an FTLD mutation is determined at autopsy (NP v1,8,9 Question 19 = 4; v10 Question 18q = 1 ; v11 Question 19q=1), then the presence will be indicated in <b>NACCFTDM</b> .				

Form, version	DATA SOURCE				
	Neuropathology Data				
	v1	v8	v9	v10	v11
IV question no.			9		
FV question no.			9		
IT question no.			9		
TF question no.		Not applic	9		
Question no.	19	19	19	18q	19q

**NACCEPTR**

Variable type	NACC derived variable				
Short descriptor	Primary etiologic diagnosis (MCI; impaired, not MCI; or dementia)				
Data type	Numeric longitudinal				
Allowable codes	1 = <b>Alzheimer's disease (AD)</b> 2 = <b>Lewy body disease (LBD)</b> 3 = <b>Multiple system atrophy (MSA)</b> 4 = <b>Progressive supranuclear palsy (PSP)</b> 5 = <b>Corticobasal degeneration (CBD)</b> 6 = <b>FTLD with motor neuron disease (e.g., ALS)</b> 7 = <b>FTLD, other</b> 8 = <b>Vascular brain injury or vascular dementia including stroke</b> 9 = <b>Essential tremor</b> 10 = <b>Down syndrome</b> 11 = <b>Huntington's disease</b> 12 = <b>Prion disease (CJD, other)</b> 13 = <b>Traumatic brain injury (TBI)</b> 14 = <b>Normal-pressure hydrocephalus (NPH)</b> 15 = <b>Epilepsy</b> 16 = <b>CNS neoplasm</b> 17 = <b>Human immunodeficiency virus (HIV)</b> 18 = <b>Other neurologic, genetic, or infectious condition</b> 19 = <b>Depression</b> 20 = <b>Bipolar disorder</b> 21 = <b>Schizophrenia or other psychosis</b> 22 = <b>Anxiety disorder</b> 23 = <b>Delirium</b> 24 = <b>Post-traumatic stress disorder (PTSD)</b> 25 = <b>Other psychiatric disease</b> 26 = <b>Cognitive impairment due to alcohol abuse</b> 27 = <b>Cognitive impairment due to other substance abuse</b> 28 = <b>Cognitive impairment due to systemic disease or medical illness</b> 29 = <b>Cognitive impairment due to medications</b> 30 = Cognitive impairment for other specified reasons (i.e., written-in values) 88 = Not applicable, not cognitively impaired 99 = Missing/unknown				

**Description/derivation** This variable is a categorical summary of the primary etiologic diagnoses assessed as part of the UDS exam. It is derived from UDS Form D1 Questions 15–39. Clinicians are asked to mark only one condition on Form D1 as primary to the observed cognitive impairment. If you wish to focus on subjects with dementia, please be sure to restrict to **DEMENTED=1** in your analyses when using this variable, otherwise you will be including subjects who have a diagnosis of MCI or cognitively impaired, not MCI.

Subjects completing visits using v1.2 or v2 of the UDS who had bvFTD or PPA indicated as their primary etiologic diagnosis will have **NACCETPR=7**. If the subject was not cognitively impaired, then **NACCETPR =88**. If the subject was cognitively impaired but does not have an etiologic diagnosis, then **NACCETPR=99**.

Vascular dementia, stroke, and vascular brain injury were collected differently between v1.2-v2 and v3. For the purpose of this variable, subjects reported as having either a stroke, possible vascular dementia, or probable vascular dementia (v1.2–v2) or any significant vascular brain injury (symptomatic stroke; cystic infarct in cognitive networks; and/or cystic infarct in cognitive networks, extensive white matter hyperintensity, and executive dysfunction) (v3) as the primary cause of the observed cognitive impairment will have **NACCETPR=8**.

It is important to note that diagnoses indicated as “other psychiatric disease” and “other etiologic diagnosis” will be different in v1–2 and v3. For example, cognitive impairment due to other substance abuse was not collected in v1–2 so it would be listed as an “Cognitive impairment due to other specified reasons” (**NACCETPR=30**) in v1–2 but would be indicated as a primary etiologic diagnosis of “Cognitive impairment due to other substance abuse” (**NACCETPR=27**) in v3.

Careful consideration of the appropriate comparison group to be used in analysis should precede any data requests for this derived diagnosis variable.

## FORM D2: Clinician-assessed Medical Conditions

### CANCER

Variable type	Original UDS question
Short descriptor	Cancer present in the last 12 months (excluding non-melanoma skin cancer), primary or metastatic
Data type	Numeric longitudinal
Allowable codes	<p>0 = No          1 = Yes, primary/non-metastatic          2 = Yes, metastatic          8 = Not assessed          -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1
FV question no.	Not applic	Not applic	1
TI question no.			1
TF question no.		Not applic	1

### CANCSITE

Variable type	Original UDS question
Short descriptor	Cancer primary site specification
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If cancer is marked as present ( <b>CANCER</b> =1 or <b>CANCER</b> =2), the site of the cancer will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	1a
FV question no.	Not applic	Not applic	1a
TI question no.			1a
TF question no.		Not applic	1a

### DIABET

Variable type	Original UDS question
Short descriptor	Diabetes present at visit
Data type	Numeric longitudinal
Allowable codes	<p>0 = No          1 = Yes, Type I          2 = Yes, Type II          3 = Yes, other type          9 = Not assessed or unknown          -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question</p>
Description/derivation	Note that this is <i>clinician-reported</i> health information. While this information is only available for UDS v3.0 and subsequent versions, self-reported medical history information is available from Form A5: Subject Health History for all versions of the UDS.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	2
FV question no.	Not applic	Not applic	2
TI question no.			2
TF question no.		Not applic	2

**MYOINF**

Variable type	Original UDS question
Short descriptor	Myocardial infarct present within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	3
FV question no.	Not applic	Not applic	3
TI question no.			3
TF question no.		Not applic	3

**CONGHT**

Variable type	Original UDS question
Short descriptor	Congestive heart failure present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	4
FV question no.	Not applic	Not applic	4
TI question no.			4
TF question no.		Not applic	4

**AFIBRILL**

Variable type	Original UDS question
Short descriptor	Atrial fibrillation present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	5
FV question no.	Not applic	Not applic	5
TI question no.			5
TF question no.		Not applic	5

**HYPERT**

Variable type	Original UDS question
Short descriptor	Hypertension present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	6
FV question no.	Not applic	Not applic	6
TI question no.			6
TF question no.		Not applic	6

**ANGINA**

Variable type	Original UDS question
Short descriptor	Angina present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	7
FV question no.	Not applic	Not applic	7
TI question no.			7
TF question no.		Not applic	7

**HYPCHOL**

Variable type	Original UDS question
Short descriptor	Hypercholesterolemia present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	8
FV question no.	Not applic	Not applic	8
TI question no.			8
TF question no.		Not applic	8

**VB12DEF**

Variable type	Original UDS question
Short descriptor	B12 deficiency present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	9
FV question no.	Not applic	Not applic	9
TI question no.			9
TF question no.		Not applic	9

**THYDIS**

Variable type	Original UDS question
Short descriptor	Thyroid disease present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	10
FV question no.	Not applic	Not applic	10
TI question no.			10
TF question no.		Not applic	10

**ARTH**

Variable type	Original UDS question
Short descriptor	Arthritis present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11
FV question no.	Not applic	Not applic	11
TI question no.			11
TF question no.		Not applic	11

**ARTYPE**

Variable type	Original UDS question
Short descriptor	Arthritis type
Data type	Numeric longitudinal
Allowable codes	1 = Rheumatoid 2 = Osteoarthritis 3 = Other (specify) 8 = No arthritis reported 9 = Unknown -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11a
FV question no.	Not applic	Not applic	11a
TI question no.			11a
TF question no.		Not applic	11a

**ARTYPEX**

Variable type	Original UDS question
Short descriptor	Other arthritis type specification
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another arthritis type is indicated (ARTYPE=3), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11a1
FV question no.	Not applic	Not applic	11a1
TI question no.			11a1
TF question no.		Not applic	11a1

**ARTUPEX**

Variable type	Original UDS question
Short descriptor	Arthritis region affected — upper extremity
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No arthritis reported -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11b1
FV question no.	Not applic	Not applic	11b1
TI question no.			11b1
TF question no.		Not applic	11b1

**ARTLOEX**

Variable type	Original UDS question
Short descriptor	Arthritis region affected — lower extremity
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No arthritis reported -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11b2
FV question no.	Not applic	Not applic	11b2
TI question no.			11b2
TF question no.		Not applic	11b2

**ARTSPIN**

Variable type	Original UDS question
Short descriptor	Arthritis region affected - spine
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No arthritis reported -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11b3
FV question no.	Not applic	Not applic	11b3
TI question no.			11b3
TF question no.		Not applic	11b3

**ARTUNKN**

Variable type	Original UDS question
Short descriptor	Arthritis region affected — unknown
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = No arthritis reported -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	11b4
FV question no.	Not applic	Not applic	11b4
TI question no.			11b4
TF question no.		Not applic	11b4

**URINEINC**

Variable type	Original UDS question
Short descriptor	Incontinence present — urinary
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	12
FV question no.	Not applic	Not applic	12
TI question no.			12
TF question no.		Not applic	12

**BOWLINC**

Variable type	Original UDS question
Short descriptor	Incontinence present — bowel
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	13
FV question no.	Not applic	Not applic	13
TI question no.			13
TF question no.		Not applic	13

**SLEEPAP**

Variable type	Original UDS question
Short descriptor	Sleep apnea present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	14
FV question no.	Not applic	Not applic	14
TI question no.			14
TF question no.		Not applic	14

**REMDIS**

Variable type	Original UDS question
Short descriptor	REM sleep behavior disorder (RBD) present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	15
FV question no.	Not applic	Not applic	15
TI question no.			15
TF question no.		Not applic	15

**HYPOSOM**

Variable type	Original UDS question
Short descriptor	Hyposomnia/insomnia present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	16
FV question no.	Not applic	Not applic	16
TI question no.			16
TF question no.		Not applic	16

**SLEEPOTH**

Variable type	Original UDS question
Short descriptor	Other sleep disorder present
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	17
FV question no.	Not applic	Not applic	17
TI question no.			17
TF question no.		Not applic	17

**SLEEPOTH**

Variable type	Original UDS question
Short descriptor	Other sleep disorder specification
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another sleep disorder is indicated as present ( <b>SLEEPOTH</b> =1), it will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	17a
FV question no.	Not applic	Not applic	17a
TI question no.			17a
TF question no.		Not applic	17a

**ANGIOPC**

Variable type	Original UDS question
Short descriptor	Carotid procedure: angioplasty, endarterectomy, or stent within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	18
FV question no.	Not applic	Not applic	18
TI question no.			18
TF question no.		Not applic	18

**ANGIOPCI**

Variable type	Original UDS question
Short descriptor	Percutaneous coronary intervention: angioplasty and/or stent within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	19
FV question no.	Not applic	Not applic	19
TI question no.			19
TF question no.		Not applic	19

**PACEMAKE**

Variable type	Original UDS question
Short descriptor	Procedure: pacemaker and/or defibrillator within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	20
FV question no.	Not applic	Not applic	20
TI question no.			20
TF question no.		Not applic	20

**HVALVE**

Variable type	Original UDS question
Short descriptor	Procedure: heart valve replacement or repair within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	21
FV question no.	Not applic	Not applic	21
TI question no.			21
TF question no.		Not applic	21

**ANTIENC**

Variable type	Original UDS question
Short descriptor	Antibody-mediated encephalopathy within the past 12 months
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes 8 = Not assessed -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	22
FV question no.	Not applic	Not applic	22
TI question no.			22
TF question no.		Not applic	22

**ANTIENCX**

Variable type	Original UDS question
Short descriptor	Antibody-mediated encephalopathy, specify
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If antibody-mediated encephalopathy is indicated as present ( <b>ANTIENC</b> =1), the type will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	22a
FV question no.	Not applic	Not applic	22a
TI question no.			22a
TF question no.		Not applic	22a

**OTHCOND**

Variable type	Original UDS question
Short descriptor	Other medical conditions or procedures within the past 12 months not listed above
Data type	Numeric longitudinal
Allowable codes	0 = No 1 = Yes -4 = Not available: UDS form submitted did not collect data in this way, or a skip pattern precludes response to this question
Description/derivation	Note that this is <i>clinician-reported</i> health information, which is available only for UDS v3.0 and subsequent versions; however, <i>self-reported</i> medical history information is available for all versions of the UDS from Form A5: Subject Health History.

Form, version	DATA SOURCE		
	v1.2	v2.0	v3.0/3.2
IV question no.	Not applic	Not applic	23
FV question no.	Not applic	Not applic	23
TI question no.			23
TF question no.		Not applic	23

**OTHCONDX**

Variable type	Original UDS question
Short descriptor	Other medical conditions specification
Data type	Character longitudinal
Allowable codes	Any text or numbers
Description/derivation	If another medical condition or procedure is indicated as present ( <b>OTHCOND</b> =1), the condition or procedure will be listed here; otherwise, this variable will be blank.

Form, version	DATA SOURCE		
	v1.2	v2.0	
IV question no.	Not applic	Not applic	23a
FV question no.	Not applic	Not applic	23a
TI question no.			23a
TF question no.		Not applic	23a

## FORM Z1X: Form Checklist

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### LANGA1

Variable type	Original UDS question
Short descriptor	A1 Subject Demographics — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

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### LANGA2

Variable type	Original UDS question
Short descriptor	A2 Co-participant Demographics — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

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### LANGA3

Variable type	Original UDS question
Short descriptor	A3 Subject Family History — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

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### LANGA4

Variable type	Original UDS question
Short descriptor	A4 Subject Medications — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

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### LANGA5

Variable type	Original UDS question
Short descriptor	A5 Subject Health History — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

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### LANGB1

Variable type	Original UDS question
Short descriptor	B1 Evaluation Form: Physical — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB4**

Variable type	Original UDS question
Short descriptor	B4 CDR® Plus NACC FTLD — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB5**

Variable type	Original UDS question
Short descriptor	B5 Behavioral Assessment: NPI-Q — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB6**

Variable type	Original UDS question
Short descriptor	B6 Behavioral Assessment: GDS — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB7**

Variable type	Original UDS question
Short descriptor	B7 Functional Assessment: FAS — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB8**

Variable type	Original UDS question
Short descriptor	B8 Neurological Examination Findings — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB9**

Variable type	Original UDS question
Short descriptor	B9 Clinician Judgment of Symptoms — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC2**

Variable type	Original UDS question
Short descriptor	C2 Neuropsychological Battery Scores — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGD1**

Variable type	Original UDS question
Short descriptor	D1 Clinician Diagnosis — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGD2**

Variable type	Original UDS question
Short descriptor	D2 Clinician-assessed Medical Conditions — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB3F**

Variable type	Original UDS question
Short descriptor	B3F Supplemental UPDRS — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGB9F**

Variable type	Original UDS question
Short descriptor	B9F Clinical PPA and bvFTD Features — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC1F**

Variable type	Original UDS question
Short descriptor	C1F Neuropsychological Battery Summary Scores — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC2F**

Variable type	Original UDS question
Short descriptor	C2F Social Norms Questionnaire — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC3F**

Variable type	Original UDS question
Short descriptor	C3F Social Behavior Observer Checklist — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC4F**

Variable type	Original UDS question
Short descriptor	C4F Behavioral Inhibition Scale — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC5F**

Variable type	Original UDS question
Short descriptor	C5F Interpersonal Reactivity Index — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGC6F**

Variable type	Original UDS question
Short descriptor	C6F Revised Self-monitoring Scale — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGE2F**

Variable type	Original UDS question
Short descriptor	E2F Imaging Available — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGE3F**

Variable type	Original UDS question
Short descriptor	E3F Imaging in Diagnosis — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**LANGCLS**

Variable type	Original UDS question
Short descriptor	CLS Linguistic History — language
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

**CLSSUB**

Variable type                   Original UDS question  
Short descriptor               CLS Linguistic History — submitted  
Data type                      Numeric cross-sectional  
Allowable codes               0 = No  
                                  1 = Yes

## FORM CLS: Linguistic History Form

### APREFLAN

Variable type	Original UDS question
Short descriptor	In what language do you prefer to be evaluated (English or Spanish)?
Data type	Numeric cross-sectional
Allowable codes	1 = English 2 = Spanish

### AYRSPAN

Variable type	Original UDS question
Short descriptor	How many years have you lived in an environment where people generally speak Spanish?
Data type	Numeric cross-sectional
Allowable codes	0 – 110

### AYRENGL

Variable type	Original UDS question
Short descriptor	How many years have you lived in an environment where people generally speak English?
Data type	Numeric cross-sectional
Allowable codes	0 – 110

### APCSPAN

Variable type	Original UDS question
Short descriptor	Please approximate the percentage of time during a normal/average day that you use Spanish.
Data type	Numeric cross-sectional
Allowable codes	0 – 100

### APCENGL

Variable type	Original UDS question
Short descriptor	Please approximate the percentage of time during a normal/average day that you use English.
Data type	Numeric cross-sectional
Allowable codes	0 – 100

### ASPKSPAN

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you speak Spanish?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AREASPAN**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you read Spanish?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AWRISPA**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you write in Spanish?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AUNDSPAN**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency for understanding spoken/oral Spanish?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**NACCSPNL**

Variable type	NACC derived variable
Short descriptor	Average Spanish level (average of Questions 6 – 9)
Data type	Numeric cross-sectional
Allowable codes	1 – 7

**ASPKENGL**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you speak English?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AREAENGL**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you read English?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AWRIENGL**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency when you write in English?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**AUNDENGL**

Variable type	Original UDS question
Short descriptor	In your opinion, what is your level of proficiency for understanding spoken/oral English?
Data type	Numeric cross-sectional
Allowable codes	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker

**NACCENGL**

Variable type	NACC derived variable
Short descriptor	Average English level (average of Questions 11 – 14)
Data type	Numeric cross-sectional
Allowable codes	1 – 7

# Other data available at NACC

## NACCFTD

Variable type	NACC derived variable
Short descriptor	One or more FTLD Module visits completed
Data type	Numeric cross-sectional
Allowable codes	0 = No FTLD Module visit 1 = At least one FTLD Module visit

## NACCLBDM

Variable type	NACC derived variable
Short descriptor	One or more LBD Module visits completed
Data type	Numeric cross-sectional
Allowable codes	0 = No LBD Module visit 1 = At least one LBD Module visit

## NACCNMRI

Variable type	NACC derived variable
Short descriptor	Total number of MRI sessions
Data type	Numeric cross-sectional
Allowable codes	1 – 20 88 = Not applicable / no MRI available

## NACCMRSA

Variable type	NACC derived variable
Short descriptor	At least one MRI scan available
Data type	Numeric cross-sectional
Allowable codes	0 = No; does not have at least one MRI available at NACC 1 = Yes; has at least one MRI available at NACC

## NACCNAPA

Variable type	NACC derived variable
Short descriptor	Total number of amyloid PET scans available
Data type	Numeric cross-sectional
Allowable codes	1 – 20 88 = Not applicable / no amyloid PET available

## NACCAPSA

Variable type	NACC derived variable
Short descriptor	At least one amyloid PET scan available
Data type	Numeric cross-sectional
Allowable codes	0 = No; does not have any amyloid PET scans at NACC 1 = Yes; has at least one amyloid PET scan available at NACC

**NACCACSF**

Variable type	NACC derived variable
Short descriptor	One or more measures of A $\beta$ 1–42 reported
Data type	Numeric cross-sectional
Allowable codes	0 = No A $\beta$ 1–42 reported 1 = One or more measures of A $\beta$ 1–42 reported

**NACCPCSF**

Variable type	NACC derived variable
Short descriptor	One or more measures of P-tau181P reported
Data type	Numeric cross-sectional
Allowable codes	0 = No P-tau181P reported 1 = One or more measures of P-tau181P reported

**NACCTCSF**

Variable type	NACC derived variable
Short descriptor	One or more measures of T-tau reported
Data type	Numeric cross-sectional
Allowable codes	0 = No T-tau reported 1 = One or more measures of T-tau reported

**NACCAUTP**

Variable type	NACC derived variable
Short descriptor	Neuropathology data from an autopsy is available
Allowable codes	0 = No 1 = Yes 8 = Not applicable, subject not deceased
Description/derivation	This variable is derived using data from the Neuropathology (NP), as applicable. For subjects for whom NP data is available, <b>NACCAUTP</b> = 1. Subjects who have died but do not have NP data at NACC will have <b>NACCAUTP</b> = 0. Subjects who are not reported as having died will have <b>NACCAUTP</b> = 8.