



NACC UNIFORM DATA SET

Data Element Dictionary for Telephone Follow-up Packet

UDS v3.0, March 2015

Telephone Follow-up Packet v3.2, June 2020

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PLEASE SEE INSIDE COVER FOR LIST OF REVISIONS MADE
TO THIS DOCUMENT SINCE UDS3 IMPLEMENTATION

Revisions made to this DED since UDS3 implementation (March 15, 2015)

Date yyyy-mm-dd	Description	Form(s) affected	Question(s) affected	Data element(s) affected
2020-07-31	UDS version corrected to 3. Only FORMVER is 3.2	All		
2020-07-22	Added data elements for remote assessment	C2T, T1, B6	All	All
2019-03-29	Name of CDR® Dementia Staging Instrument changed to comply with trademark	B4, Z1X	N/A	N/A
2018-04-02	Form Z1 replaced by Form Z1X	Z1	All	Numerous variables added on language of administration
2018-03-07	Form Z1X corrected to list Form A2 as NOT required. Variables A2SUB and A2NOT removed as a result.	Z1X	A2	A2SUB, A2NOT
2017-10-18	Blank corrected from “Blank if Question 4a FOTHMUT ≠ 8 (Other)” to “Blank if Question 4a FOTHMUT ≠ 1 (Yes)”	A3	4a1	FOTHMUTX
2017-03-07	Name of form changed from Functional Activities Questionnaire (FAQ). All items and coding remain unchanged.	B7	N/A	N/A
2017-02-14	Code changed from 1 to 0 in skip pattern to read “If Question 11 ARTH = 0 (No) ...” Also, blank instructions for 11a1 were moved from skip column to blank column.	D2	11 11a1	ARTH, ARTYPEX
2016-11-09	Allowable code of 77 added to blanks	A3	6a – 6at7	(All)
2016-11-09	Allowable code added for 77=Adopted, unknown; new 77 code added to skip pattern	A3	6	SIBS
2016-09-09	New Center codes added	All	Form header	ADCID
2016-08-03	“99 = Unknown” removed as allowable code	A3	6, 7	SIBS, KIDS
2015-10-26	Skip instruction added	B9	9c1	BEVHALL
2015-10-26	Blank instruction corrected from “if BEVHALL = 0 (No)” to “if BEVHALL ≠ 1 (Yes)”	B9	9c1a	BEVWELL
2015-10-26	Blank instruction corrected from “if BEVHALL = 0 (No)” to “if BEVHALL ≠ 1 (Yes)”	B9	9c1b	BEVHAGO
2015-08-12	Added three new ADCs and their allowable codes to Form Header section	All	N/A	ADCID
2015-07-31	Code for PACKET corrected from I to T	All	Form header	PACKET

2015-07-29	Allowable codes for mother's and father's year of birth changed to allow for earlier dates	A3	5a2, 5b2	MOMYOB, DADYOB
2015-07-01	Note added to Form B5 DED entry highlighting change of FORMVER variable to 3.1 (change affects Form B5 only; all other forms remain version 3.0).	B5	N/A	FORMVER
2015-06-16	Text of questions in Form B5 revised for consistency with original instrument	B5	All	N/A
2015-05-19	Allowable codes 888 and 999 added	A3	5b3	DADDAGE
2015-05-18	In Form A3, column positions corrected for KID1AGD	A3	7aa3	KID1AGD
2015-05-12	In Form 2A, text for blanks corrected to read "Blank if Question 10 INLIVWTH = 1 (Yes)"	A2	9a, 9b	INVISITS, INCALLS
2015-04-14	Forms C1 and C2, which had inadvertently been included, were deleted.	C1, C2	All	N/A
2015-04-03	In Form A3, allowable codes for age of onset were changed from 15-110, 999 to 0-110, 999 .	A3	5a7, 5b7, 6aa7-6at7, 7aa7-7ao7	MOMAGEO, DADAGEO, SIB(1-20)AGO, KID(1-15)AGO
2015-04-03	In Form A3, allowable codes for age of death were changed from 15-110, 999 to 0-110, 999 .	A3	5a3, 5b3, 6aa3-6at3, 7aa7-7ao7	MOMDAGE, DADDAGE, SIB(1-20)AGD, KID(1-15)AGD

GLOSSARY OF TERMS

Variable number	Indicates order of appearance on the UDS form
Variable name	For non-fixed-format files, variable name must match exactly
Version	UDS version is 3; FORMVER is 3.2
UDS question	The question as it appears on the UDS form
Length of field	For fixed-field formats, number of columns for this variable
Column positions	For fixed-field formats, column numbers for this variable
Data type	For non-fixed-field formats, variable type as numerical or character
Allowable codes	List of codes with mapping instructions
Blanks and skips	Instructions for skip patterns

Form Header

Q #	Data element name	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OA	PACKET	Packet code	2	1 – 2	Char	T = Telephone Follow-up Visit Packet	
OB	FORMID	Form ID	3	4 – 6	Char	A1 – A5 B1, B4 – B9 C2 D1 – D2	
OC	FORMVER	Form version number	3	8 – 10	Num	3.2	Example: Version 3.2 is FORMVER = 3.2. For the FORMVER variable, a decimal of 0 can be ignored, but a non-zero decimal must be included. Ex: A version 3.0 form can be FORMVER = 3 or 3.0. A version 3.2 form must be FORMVER = 3.2

Q #	Data element name	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OD	ADCID	Center ID	2	12 – 13	Num	2 – 65; use appropriate code below: 2 = Boston University 4 = Columbia University 6 = Emory University 7 = Massachusetts ADRC 8 = Indiana University 9 = Johns Hopkins University 10 = Mayo Clinic 11 = Mount Sinai 12 = New York University 13 = Northwestern University 14 = Oregon Health & Science University 15 = Rush University 16 = University of California, Davis 17 = University of California, Los Angeles 18 = University of California, San Diego 19 = University of Kentucky 21 = University of Pennsylvania 22 = University of Pittsburgh 26 = University of Washington 27 = Washington University in St. Louis 30 = University of Southern California 31 = University of California, Irvine 33 = Arizona ADC 35 = University of California, San Francisco 37 = University of Wisconsin 38 = University of Kansas 39 = Stanford University #2 40 = Yale University 41 = 1Florida ADRC 42 = Wake Forest University 43 = University of Michigan ADC 65 = Cleveland ADRC	Note: ADCID is replaced by a randomly generated NACCADC in research data sets generated by NACC.
OE	PTID	ADC subject ID	10	15 – 24	Char	Follow your Center's Patient ID scheme; use same ID as in MDS, if subject is enrolled in MDS.	Number must be unique within data from your Center and be used across all visits for the subject. NOTE: PTID is replaced by a randomly generated NACCID in research data sets generated by NACC.

Q #	Data element name	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OF	VISITMO	Form date — month	2	26 – 27	Num	1 – 12	Visit date cannot precede September 1, 2005.
OG	VISITDAY	Form date — day	2	29 – 30	Num	1 – 31	Visit date cannot precede September 1, 2005.
OH	VISITYR	Form date — year	4	32 – 35	Num	2005 to the present year	Visit date cannot precede September 1, 2005.
OI	VISITNUM	ADC visit ID	3	37 – 39	Char	Can be determined by Center.	The Center may use its existing visit number scheme. It is not required to start with 1.
OJ	INITIALS	Examiner's initials	3	41 – 43	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	NOTE: INITIALS is never released in research data sets generated by NACC.

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form T1: Inclusion Form								
1a	TELCOG	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Subject too cognitively impaired for an in-person UDS visit.	1	45 – 45	Num	0 = No 1 = Yes		
1b	TELILL	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Subject is too physically impaired (medical illness or injury) to attend an in-person UDS visit.	1	47 – 47	Num	0 = No 1 = Yes		
1c	TELHOME	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Subject is home-bound or in a nursing home and cannot travel.	1	49 – 49	Num	0 = No 1 = Yes		
1d	TELREFU	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Subject/co-participant refused an in-person UDS visit.	1	51 – 51	Num	0 = No 1 = Yes		
1e	TELCOV	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? COVID pandemic precludes traditional in-person UDS visit.	1	53 – 53	Num	0 = No 1 = Yes		
1f	TELOTHR	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Other reason why the UDS telephone follow-up being used	1	55 – 55	Num	0 = No 1 = Yes		
1f1	TELOTHR	Why is the UDS telephone follow-up protocol being used to obtain data about the subject? Other reason specification (ADC staff convenience is not an acceptable reason):	60	57 – 116	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 1f TELOTHR ≠ 1 Yes	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
2	TELMOD	What modality of communication was used to collect this remote UDS packet?	1	118 – 118	Num	1 = Telephone 2 = Video-assisted conference 3 = Some combination of the two		
3	TELINPER	Is the subject likely to resume in-person UDS follow-up evaluation?	1	120 – 120	Num	0 = No 1 = Yes 9 = Unknown		If Yes or Unknown, and this is the first telephone packet submitted for the subject, THEN END FORM HERE.
4	TELMILE	Has a Milestones Form documenting the change to telephone follow-up been completed? (If No, complete a Milestones Form now.)	1	122 – 122	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3 = 1 (Yes) or 9 (Unknown) and this is the first telephone packet submitted for the subject.	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form Z1X: Form Checklist								
1a	LANGT1	T1 Inclusion Form — language	1	45 – 45	Num	1 = English 2 = Spanish		
2a	LANGA1	A1 Subject Demographics — language	1	47 – 47	Num	1 = English 2 = Spanish		
3a	LANGA2	A2 Co-participant Demographics — language	1	49 – 49	Num	1 = English 2 = Spanish		
4a	LANGA3	A3 Subject Family History — language	1	51 – 51	Num	1 = English 2 = Spanish	Blank if Question 4b A3SUB = 0 (No)	
4b	A3SUB	A3 Subject Family History — submitted	1	53 – 53	Num	0 = No 1 = Yes		
4c	A3NOT	If A3 not submitted, specify reason	2	55 – 56	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 4b A3SUB = 1 (Yes)	
5a	LANGA4	A4 Subject Medications — language	1	58 – 58	Num	1 = English 2 = Spanish	Blank if Question 5b A4SUB = 0 (No)	
5b	A4SUB	A4 Subject Medications — submitted	1	60 – 60	Num	0 = No 1 = Yes		
5c	A4NOT	If A4 not submitted, specify reason	2	62 – 63	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 5b A4SUB = 1 (Yes)	
6a	LANGB4	B4 Global Staging — CDR: Standard and Supplemental — language	1	65 – 65	Num	1 = English 2 = Spanish		
7a	LANGB5	B5 Behavioral Assessment: NPI-Q — language	1	67 – 67	Num	1 = English 2 = Spanish	Blank if Question 7b B5SUB = 0 (No)	
7b	B5SUB	B5 Behavioral Assessment: NPI-Q — submitted	1	69 – 69	Num	0 = No 1 = Yes		
7c	B5NOT	If B5 not submitted, specify reason	2	71 – 72	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 7b B5SUB = 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
8a	LANGB6	B6 Behavioral Assessment: GDS — language	1	74 – 74	Num	1 = English 2 = Spanish	Blank if Question 8b B6SUB = 0 (No)	
8b	B6SUB	B6 Behavioral Assessment: GDS — submitted	1	76 – 76	Num	0 = No 1 = Yes		
8c	B6NOT	If B6 not submitted, specify reason (see Key)	2	78 – 79	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 8b B6SUB = 1 (Yes)	
9a	LANGB7	B7 Functional Assessment: FAS — language	1	81 – 81	Num	1 = English 2 = Spanish	Blank if Question 9b B7SUB = 0 (No)	
9b	B7SUB	B7 Functional Assessment: FAS — submitted	1	83 – 83	Num	0 = No 1 = Yes		
9c	B7NOT	If B7 not submitted, specify reason	2	85 – 86	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 9b B7SUB = 1 (Yes)	
10a	LANGB9	B9 Clinician Judgment of Symptoms — language	1	88 – 88	Num	1 = English 2 = Spanish		
11b	C2SUB	C2T Neurological Battery Scores — submitted	1	90 – 90	Num	0 = No 1 = Yes		
11c	C2NOT	If C2T not submitted, specify reason (see Key)	2	92 – 93	Num	95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if Question 11b C2SUB = 1 (Yes)	
12a	LANGD1	D1 Clinician Diagnosis — language	1	95 – 95	Num	1 = English 2 = Spanish		
13a	LANGD2	D2 Clinician-assessed Medical Conditions — language	1	97 – 97	Num	1 = English 2 = Spanish		
14a	LANGCLS	CLS Language — language	1	99 – 99	Num	1 = English 2 = Spanish	Blank if Question 12b CLSSUB = 0 (No)	
14b	CLSSUB	CLS Subject Language History — submitted	1	101 – 101	Num	0 = No 1 = Yes		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form CLS: Linguistic History of Subject								
1	APREFLAN	Preferred evaluation language	1	45 – 45	Num	1 = English 2 = Spanish		
2	AYRSPAN	Years living in Spanish-speaking country	3	47 – 49	Num	0 – 110		
3	AYRENGL	Years living in English-speaking country	3	51 – 53	Num	0 – 110		
4	APCSPAN	Percent Spanish used on a daily basis	3	55 – 57	Num	0 – 100		
5	APCENGL	Percent English used on a daily basis	3	59 – 61	Num	0 – 100		
6	ASPKSPAN	Proficiency level in speaking Spanish	1	63 – 63	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
7	AREASPAN	Proficiency level in reading Spanish	1	65 – 65	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
8	AWRISPAN	Proficiency level in writing Spanish	1	67 – 67	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
9	AUNSPAN	Proficiency level in understanding Spanish	1	69 – 69	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
11	ASPKENGL	Proficiency level in speaking English	1	71 – 71	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
12	AREAENGL	Proficiency level in reading English	1	73 – 73	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
13	AWRIENGL	Proficiency level in writing English	1	75 – 75	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		
14	AUNDENGL	Proficiency level in understanding English	1	77 – 77	Num	1 = Almost none 2 = Very poor 3 = Fair 4 = Functional 5 = Good 6 = Very good 7 = Like native speaker		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form A1: Participant Demographics								
1a	BIRTHMO	Subject's month of birth	2	45 – 46	Num	1 – 12		
1b	BIRTHYR	Subject's year of birth	4	48 – 51	Num	1875 to (current year minus 15)		
2	MARISTAT	Subject's current marital status	1	53 – 53	Num	1 = Married 2 = Widowed 3 = Divorced 4 = Separated 5 = Never married (or marriage was annulled) 6 = Living as married/ domestic partner 9 = Unknown		
3	SEX	Subject's sex	1	55 – 55	Num	1 = Male 2 = Female		
4	LIVSITUA	What is the subject's living situation?	1	57 – 57	Num	1 = Lives alone 2 = Lives with one other person: a spouse or partner 3 = Lives with one other person: a relative, friend, or roommate 4 = Lives with caregiver who is not spouse/partner, relative, or friend 5 = Lives with a group (related or not related) in a private residence 6 = Lives in a group home (e.g., assisted living, nursing home, convent) 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5	INDEPEND	What is the subject's level of independence?	1	59 – 59	Num	1 = Able to live independently 2 = Requires some assistance with complex activities 3 = Requires some assistance with basic activities 4 = Completely dependent 9 = Unknown		
6	RESIDENC	What is the subject's type of residence?	1	61 – 61	Num	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 = Unknown		
7	ZIP	ZIP Code (first three digits) of subject's primary residence	3	63 – 65	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if unknown	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form A2: Co-participant Demographics								
1a	INBIRMO	Co-participant's month of birth:	2	45 – 46	Num	1 – 12 99 = Unknown		
1b	INBIRYR	Co-participant's year of birth	4	48 – 51	Num	1875 to (current year minus 15) 9999 = Unknown		
2	INSEX	Co-participant's sex:	1	53 – 53	Num	1 = Male 2 = Female		
3	NEWINF	Is this a new co-participant — i.e., one who was not a co-participant at any past UDS visit?	1	55 – 55	Num	0 = No 1 = Yes		If No, then skip to Question 9
4	INHISP	Does the co-participant report being of Hispanic/Latino ethnicity (i.e., having origins from mainly Spanish-speaking Latin American country), regardless of race?	1	57 – 57	Num	0 = No 1 = Yes	Blank if Question 3 NEWINF = 0 (No)	If No or Unknown, then skip to Question 5
4a	INHISPOR	If yes, what are the co-participant's reported origins?	2	59 – 60	Num	1 = Mexican, Chicano, or Mexican-American 2 = Puerto Rican 3 = Cuban 4 = Dominican 5 = Central American 6 = South American 50 = Other (specify) 99 = Unknown	Blank if Question 4 INHISP ≠ 1 (Yes)	
4a1	INHISPOX	Other (specify):	60	62 – 121	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 4a INHISPOR ≠ 50 (Other)	
5	INRACE	What does co-participant report as his or her race?	2	123 – 124	Num	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	Blank if Question 3 NEWINF = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5a	INRACEX	Other (specify):	60	126 – 185	Char	Any text or numbers with the exception of single quotes ('), double quotes (""), ampersands (&), and percentage signs (%).	Blank if Question 5 INRACE ≠ 50 (Other)	
6	INRASEC	What additional race does co-participant report?	2	187 – 188	Num	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	Blank if Question 3 NEWINF = 0 (No)	
6a	INRASECX	Other (specify):	60	190 – 249	Char		Blank if Question 6 INRASEC ≠ 50 (Other)	
7	INRATER	What additional race, beyond those reported in Questions 4 and 5, does the co-participant report?	2	251 – 252	Num	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	Blank if Question 3 NEWINF = 0 (No)	
7a	INRATERX	Other (specify):	60	254 – 313	Char	Any text or numbers with the exception of single quotes ('), double quotes (""), ampersands (&), and percentage signs (%).	Blank if Question 7 INRATER ≠ 50 (Other)	
8	INEDUC	Co-participant's years of education — use the codes below to report the level achieved; if an attempted level is not completed, enter the number of years completed:	2	315 – 316	Num	0 – 36 99 = Unknown	Blank if Question 3 NEWINF = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
9	INRELTO	What is co-participant's relationship to subject?	1	318 – 318	Num	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		
9a	INKNOWN	How long has the co-participant know the subject?	3	320 – 322	Num	0 – 120 999 = Unknown		
10	INLIVWTH	Does the co-participant live with the subject?	1	324 – 324	Num	0 = No 1 = Yes		If yes, then skip to Question 11
10a	INVISITS	If no, approximate frequency of in-person visits:	1	326 – 326	Num	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	Blank if Question 10 INLIVWTH ≠ 1 (Yes)	
10b	INCALLS	If no, approximate frequency of telephone contact:	1	328 – 328	Num	1 = Daily 2 = At least 3 times per week 3 = Weekly 5 = At least 3 times per month 5 = Monthly 6 = Less than once a month	Blank if Question 10 INLIVWTH ≠ 1 (Yes)	
11	INRELY	Is there a question about the co-participant's reliability?	1	330 – 330	Num	0 = No 1 = Yes		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form A3: Family History								
1	NWINFMUT	New information available concerning genetic mutations?	1	45–45	Num	0 = No 1 = Yes 9 = Unknown		If Question 1 NWINFMUT = 0 (No), then skip to Question 5 If Question 1 NWINFMUT = 9 (Unknown), then skip to Question 5
2a	FADMUT	In this family, is there evidence for an AD mutation? If Yes, select predominant mutation	1	47–47	Num	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	Blank if Question 1 NWINFMUT ≠ 1 (Yes)	If Question 2a FADMUT = 0 (No), then skip to Question 3a If Question 2a FADMUT = 9 (Unknown), then skip to Question 3a
2a1	FADMUTX	If Yes, other (specify):	60	49–108	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 2a FADMUT ≠ 8 (Other) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
2b	FADMUSO	Source of evidence for AD mutation:	1	110–110	Num	1 = Family report (no test documentation available) 2 = Commercial test documentation 3 = Research lab test documentation 8 = Other (specify) 9 = Unknown	Blank if Question 2a FADMUT = 0 (No) Blank if Question 2a = 9 (Unknown) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
2b1	FADMUSOX	If other, specify:	60	112–171	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 2a FADMUT = 0 (No) Blank if Question 2a = 9 (Unknown) Blank if Question 2b FADMUSO ≠ 8 (Other) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
3a	FFDMUT	In this family, is there evidence for an FTLD mutation? If Yes, select predominant mutation	1	173–173	Num	0 = No 1 = Yes, MAPT 2 = Yes, PGRN 3 = Yes, C9orf72 4 = Yes, FUS 8 = Yes, Other (specify) 9 = Unknown whether mutation exists	Blank if Question 1 NWINFMUT ≠ 1 (Yes)	If Question 3a FFDMUT = 0 (No), then skip to Question 4a If Question 3a FFDMUT = 9 (Unknown), then skip to Question 4a
3a1	FFDMUTX	If Yes, other (specify):	60	175–234	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 3a FFDMUT ≠ 8 (Other) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
3b	FFDMUSO	Source of evidence for FTLD mutation	1	236–236	Num	1 = Family report (no test documentation available) 2 = Commercial test documentation 3 = Research lab test documentation 8 = Other (specify) 9 = Unknown	Blank if Question 3a FFDMUT = 0 (No) Blank if Question 3a FFDMUT = 9 (Unknown) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
3b1	FFTDMUSX	If other, specify:	60	238–297	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 3a FFTDMUT = 0 (No) Blank if Question 3a FFTDMUT = 9 (Unknown) Blank if Question 3b FFTDMUSO ≠ 8 (Other) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
4a	FOTHMUT	In this family, is there evidence for a mutation other than an AD or FTL D mutation?	1	299–299	Num	0 = No 1 = Yes (specify) 9 = Unknown	Blank if Question 1 NWINFMUT ≠ 1 (Yes)	If Question 4a FOTHMUT = 0 (No), then skip to Question 5 If Question 4a FOTHMUT = 9 (Unknown), then skip to Question 5
4a1	FOTHMUTX	If Yes, specify:	60	301–360	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 4a FOTHMUT ≠ 1 (Yes) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
4b	FOTHMUSO	Source of evidence for other mutation	1	362–362	Num	1 = Family report (no test documentation available) 2 = Commercial test documentation 3 = Research lab test documentation 8 = Other (specify) 9 = Unknown	Blank if Question 4a FOTHMUT = 0 (No) Blank if Question 4a FOTHMUT = 9 (Unknown) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
4b1	FOTHMUSX	If other, specify:	60	364–423	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 4a FOTHMUT = 0 (No) Blank if Question 4a FOTHMUT = 9 (Unknown) Blank if Question 4b FOTHMUSO ≠ 8 (Other) Blank if Question 1 NWINFMUT ≠ 1 (Yes)	
5	NWINFPAR	New information available on parents' status?	1	425–425	Num	0 = No 1 = Yes		If Question 5 NWINFPAR = 0 (No), then skip to Question 6
5a1	MOMMOB	Mother — birth month	2	427–428	Num	1–12 99 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	
5a2	MOMYOB	Mother — birth year	4	430–433	Num	1850 to current year minus 15 9999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	
5a3	MOMDAGE	Mother — age at death	3	435–437	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	
5a4	MOMNEUR	Mother — neurological problem	1	439–439	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	If Question 5a4 MOMNEUR = 8 (N/A), skip the remaining questions in the row If Question 5a4 MOMNEUR = 9 (Unknown), skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5a5	MOMPRDX	Mother — primary diagnosis	3	441–443	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5a4 MOMNEUR = 8 (N/A) Blank if Question 5a4 MOMNEUR = 9 (Unknown)	
5a6	MOMMOE	Mother — method of evaluation	1	445–445	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5a4 MOMNEUR = 8 (N/A) Blank if Question 5a4 MOMNEUR = 9 (Unknown)	
5a7	MOMAGEO	Mother — age of onset	3	447–449	Num	0–110 999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5a4 MOMNEUR = 8 (N/A) Blank if Question 5a4 MOMNEUR = 9 (Unknown)	
5b1	DADMOB	Father — birth month	2	451–452	Num	1–12 99 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	
5b2	DADYOB	Father — birth year	4	454–457	Num	1850 to current year minus 15 9999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	
5b3	DADDAGE	Father — age at death	3	459–461	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5b4	DADNEUR	Father — neurological problem	1	463–463	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 5 NWINFPAR = 0 (No)	If Question 5b4 DADNEUR = 8 (N/A), skip the remaining questions in the row If Question 5a4 DADNEUR = 9 (Unknown), skip the remaining questions in the row
5b5	DADPRDX	Father — primary diagnosis	3	465–467	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5b4 DADNEUR = 8 (N/A) Blank if Question 5B4 DADNEUR = 9 (Unknown)	
5b6	DADMOE	Father — method of evaluation	1	469–469	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5b4 DADNEUR = 8 (N/A) Blank if Question 5B4 DADNEUR = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5b7	DADAGEO	Father — age of onset	3	471–473	Num	0–110 999 = Unknown	Blank if Question 5 NWINFPAR = 0 (No) Blank if Question 5b4 DADNEUR = 8 (N/A) Blank if Question 5B4 DADNEUR = 9 (Unknown)	
6	SIBS	Number of full siblings?	2	475–476	Num	0–20 77 = Adopted, unknown		If Question 6 SIBS=0 or SIBS=77, then skip to Question 7
6a	NWINFSIB	New information on affected siblings?	1	478–478	Num	0 = No 1 = Yes	Blank if Question 6 SIBS=0 or SIBS=77	If Question 6a NWINFSIB = 0 (No), then skip to Question 7
6aa1	SIB1MOB	Sibling 1 — birth month	2	480–481	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aa2	SIB1YOB	Sibling 1 — birth year	4	483–486	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aa3	SIB1AGD	Sibling 1 — age at death	3	488–490	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6aa4	SIB1NEU	Sibling 1 — neurological problem	1	492–492	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6aa4 SIB1NEU = 8 (N/A), then skip the remaining questions in the row If Question 6aa4 SIB1NEU = 9 (Unknown), then skip the remaining questions in the row
6aa5	SIB1PDX	Sibling 1 — primary diagnosis	3	494–496	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aa4 SIB1NEU = 8 (N/A) Blank if Question 6aa4 SIB1NEU = 9 (Unknown)	
6aa6	SIB1MOE	Sibling 1 — method of evaluation	1	498–498	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aa4 SIB1NEU = 8 (N/A) Blank if Question 6aa4 SIB1NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6aa7	SIB1AGO	Sibling 1 — age of onset	3	500–502	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aa4 SIB1NEU = 8 (N/A) Blank if Question 6aa4 SIB1NEU = 9 (Unknown)	
6ab1	SIB2MOB	Sibling 2 — birth month	2	504–505	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ab2	SIB2YOB	Sibling 2 — birth year	4	507–510	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ab3	SIB2AGD	Sibling 2 — age at death	3	512–514	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ab4	SIB2NEU	Sibling 2 — neurological problem	1	516–516	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ab4 SIB2NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ab4 SIB2NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ab5	SIB2PDX	Sibling 2 — primary diagnosis	3	518–520	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ab4 SIB2NEU = 8 (N/A) Blank if Question 6ab4 SIB2NEU = 9 (Unknown)	
6ab6	SIB2MOE	Sibling 2 — method of evaluation	1	522–522	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ab4 SIB2NEU = 8 (N/A) Blank if Question 6ab4 SIB2NEU = 9 (Unknown)	
6ab7	SIB2AGO	Sibling 2 — age of onset	3	524–526	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ab4 SIB2NEU = 8 (N/A) Blank if Question 6ab4 SIB2NEU = 9 (Unknown)	
6ac1	SIB3MOB	Sibling 3 — birth month	2	528–529	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ac2	SIB3YOB	Sibling 3 — birth year	4	531–534	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ac3	SIB3AGD	Sibling 3 — age at death	3	536–538	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ac4	SIB3NEU	Sibling 3 — neurological problem	1	540–540	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ac4 SIB3NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ac4 SIB3NEU = 9 (Unknown), then skip the remaining questions in the row
6ac5	SIB3PDX	Sibling 3 — primary diagnosis	3	542–544	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ac4 SIB3NEU = 8 (N/A) Blank if Question 6ac4 SIB3NEU = 8 (N/A)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ac6	SIB3MOE	Sibling 3 — method of evaluation	1	546–546	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ac4 SIB3NEU = 8 (N/A) Blank if Question 6ac4 SIB3NEU = 8 (N/A)	
6ac7	SIB3AGO	Sibling 3 — age of onset	3	548–550	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ac4 SIB3NEU = 8 (N/A)	
6ad1	SIB4MOB	Sibling 4 — birth month	2	552–553	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ad2	SIB4YOB	Sibling 4 — birth year	4	555–558	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ad3	SIB4AGD	Sibling 4 — age at death	3	560–562	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ad4	SIB4NEU	Sibling 4 — neurological problem	1	564–564	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ad4 SIB4NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ad4 SIB4NEU = 9 (Unknown), then skip the remaining questions in the row
6ad5	SIB4PDX	Sibling 4 — primary diagnosis	3	566–568	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ad4 SIB4NEU = 8 (N/A) Blank if Question 6ad4 SIB4NEU = 9 (Unknown)	
6ad6	SIB4MOE	Sibling 4 — method of evaluation	1	570–570	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ad4 SIB4NEU = 8 (N/A) Blank if Question 6ad4 SIB4NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ad7	SIB4AGO	Sibling 4 — age of onset	3	572–574	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ad4 SIB4NEU = 8 (N/A) Blank if Question 6ad4 SIB4NEU = 9 (Unknown)	
6ae1	SIB5MOB	Sibling 5 — birth month	2	576–577	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ae2	SIB5YOB	Sibling 5 — birth year	4	579–582	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ae3	SIB5AGD	Sibling 5 — age at death	3	584–586	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ae4	SIB5NEU	Sibling 5 — neurological problem	1	588–588	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ae4 SIB5NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ae4 SIB5NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ae5	SIB5PDX	Sibling 5 — primary diagnosis	3	590–592	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ae4 SIB5NEU = 8 (N/A) Blank if Question 6ae4 SIB5NEU = 9 (Unknown)	
6ae6	SIB5MOE	Sibling 5 — method of evaluation	1	594–594	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ae4 SIB5NEU = 8 (N/A) Blank if Question 6ae4 SIB5NEU = 9 (Unknown)	
6ae7	SIB5AGO	Sibling 5 — age of onset	3	596–598	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ae4 SIB5NEU = 8 (N/A) Blank if Question 6ae4 SIB5NEU = 9 (Unknown)	
6af1	SIB6MOB	Sibling 6 — birth month	2	600–601	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6af2	SIB6YOB	Sibling 6 — birth year	4	603–606	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6af3	SIB6AGD	Sibling 6 — age at death	3	608–610	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6af4	SIB6NEU	Sibling 6 — neurological problem	1	612–612	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6af4 SIB6NEU = 8 (N/A), then skip the remaining questions in the row If Question 6af4 SIB6NEU = 9 (Unknown), then skip the remaining questions in the row
6af5	SIB6PDX	Sibling 6 — primary diagnosis	3	614–616	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6af4 SIB6NEU = 8 (N/A) Blank if Question 6af4 SIB6NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6af6	SIB6MOE	Sibling 6 — method of evaluation	1	618–618	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6af4 SIB6NEU = 8 (N/A) Blank if Question 6af4 SIB6NEU = 9 (Unknown)	
6af7	SIB6AGO	Sibling 6 — age of onset	3	620–622	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6af4 SIB6NEU = 8 (N/A) Blank if Question 6af4 SIB6NEU = 9 (Unknown)	
6ag1	SIB7MOB	Sibling 7 — birth month	2	624–625	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ag2	SIB7YOB	Sibling 7 — birth year	4	627–630	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ag3	SIB7AGD	Sibling 7 — age at death	3	632–634	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ag4	SIB7NEU	Sibling 7 — neurological problem	1	636–636	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ag4 SIB7NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ag4 SIB7NEU = 9 (Unknown), then skip the remaining questions in the row
6ag5	SIB7PDX	Sibling 7 — primary diagnosis	3	638–640	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ag4 SIB7NEU = 8 (N/A) Blank if Question 6ag4 SIB7NEU = 9 (Unknown)	
6ag6	SIB7MOE	Sibling 7 — method of evaluation	1	642–642	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ag4 SIB7NEU = 8 (N/A) Blank if Question 6ag4 SIB7NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ag7	SIB7AGO	Sibling 7 — age of onset	3	644–646	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ag4 SIB7NEU = 8 (N/A) Blank if Question 6ag4 SIB7NEU = 9 (Unknown)	
6ah1	SIB8MOB	Sibling 8 — birth month	2	648–649	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ah2	SIB8YOB	Sibling 8 — birth year	4	651–654	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ah3	SIB8AGD	Sibling 8 — age at death	3	656–658	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ah4	SIB8NEU	Sibling 8 — neurological problem	1	660–660	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ah4 SIB8NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ah4 SIB8NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ah5	SIB8PDX	Sibling 8 — primary diagnosis	3	662–664	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ah4 SIB8NEU = 8 (N/A) Blank if Question 6ah4 SIB8NEU = 9 (Unknown)	
6ah6	SIB8MOE	Sibling 8 — method of evaluation	1	666–666	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ah4 SIB8NEU = 8 (N/A) Blank if Question 6ah4 SIB8NEU = 9 (Unknown)	
6ah7	SIB8AGO	Sibling 8 — age of onset	3	668–670	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ah4 SIB8NEU = 8 (N/A) Blank if Question 6ah4 SIB8NEU = 9 (Unknown)	
6ai1	SIB9MOB	Sibling 9 — birth month	2	672–673	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ai2	SIB9YOB	Sibling 9 — birth year	4	675–678	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ai3	SIB9AGD	Sibling 9 — age at death	3	680–682	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ai4	SIB9NEU	Sibling 9 — neurological problem	1	684–684	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ai4 SIB9NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ai4 SIB9NEU = 9 (Unknown), then skip the remaining questions in the row
6ai5	SIB9PDX	Sibling 9 — primary diagnosis	3	686–688	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ai4 SIB9NEU = 8 (N/A) Blank if Question 6ai4 SIB9NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ai6	SIB9MOE	Sibling 9 — method of evaluation	1	690–690	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ai4 SIB9NEU = 8 (N/A) Blank if Question 6ai4 SIB9NEU = 9 (Unknown)	
6ai7	SIB9AGO	Sibling 9 — age of onset	3	692–694	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ai4 SIB9NEU = 8 (N/A) Blank if Question 6ai4 SIB9NEU = 9 (Unknown)	
6aj1	SIB10MOB	Sibling 10 — birth month	2	696–697	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aj2	SIB10YOB	Sibling 10 — birth year	4	699–702	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aj3	SIB10AGD	Sibling 10 — age at death	3	704–706	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6aj4	SIB1ONEU	Sibling 10 — neurological problem	1	708–708	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6aj4 SIB1ONEU = 8 (N/A), then skip the remaining questions in the row If Question 6aj4 SIB1ONEU = 9 (Unknown), then skip the remaining questions in the row
6aj5	SIB10PDX	Sibling 10 — primary diagnosis	3	710–712	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aj4 SIB1ONEU = 8 (N/A) Blank if Question 6aj4 SIB1ONEU = 9 (Unknown)	
6aj6	SIB10MOE	Sibling 10 — method of evaluation	1	714–714	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aj4 SIB1ONEU = 8 (N/A) Blank if Question 6aj4 SIB1ONEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6aj7	SIB10AGO	Sibling 10 — age of onset	3	716–718	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aj4 SIB10NEU = 8 (N/A) Blank if Question 6aj4 SIB10NEU = 9 (Unknown)	
6ak1	SIB11MOB	Sibling 11 — birth month	2	720–721	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ak2	SIB11YOB	Sibling 11 — birth year	4	723–726	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ak3	SIB11AGD	Sibling 11 — age at death	3	728–730	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ak4	SIB11NEU	Sibling 11 — neurological problem	1	732–732	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ak4 SIB11NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ak4 SIB11NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ak5	SIB11PDX	Sibling 11 — primary diagnosis	3	734–736	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ak4 SIB11NEU = 8 (N/A) Blank if Question 6ak4 SIB11NEU = 9 (Unknown)	
6ak6	SIB11MOE	Sibling 11 — method of evaluation	1	738–738	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ak4 SIB11NEU = 8 (N/A) Blank if Question 6ak4 SIB11NEU = 9 (Unknown)	
6ak7	SIB11AGO	Sibling 11 — age of onset	3	740–742	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ak4 SIB11NEU = 8 (N/A) Blank if Question 6ak4 SIB11NEU = 9 (Unknown)	
6al1	SIB12MOB	Sibling 12 — birth month	2	744–745	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6a2	SIB12YOB	Sibling 12 — birth year	4	747–750	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6a3	SIB12AGD	Sibling 12 — age at death	3	752–754	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6a4	SIB12NEU	Sibling 12 — neurological problem	1	756–756	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6a4 SIB12NEU = 8 (N/A), then skip the remaining questions in the row If Question 6a4 SIB12NEU = 9 (Unknown), then skip the remaining questions in the row
6a5	SIB12PDX	Sibling 12 — primary diagnosis	3	758–760	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6a4 SIB12NEU = 8 (N/A) Blank if Question 6a4 SIB12NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6a6	SIB12MOE	Sibling 12 — method of evaluation	1	762–762	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6a4 SIB12NEU = 8 (N/A) Blank if Question 6a4 SIB12NEU = 9 (Unknown)	
6a7	SIB12AGO	Sibling 12 — age of onset	3	764–766	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6a4 SIB12NEU = 8 (N/A) Blank if Question 6a4 SIB12NEU = 9 (Unknown)	
6a1	SIB13MOB	Sibling 13 — birth month	2	768–769	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6a2	SIB13YOB	Sibling 13 — birth year	4	771–774	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6a3	SIB13AGD	Sibling 13 — age at death	3	776–778	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6am4	SIB13NEU	Sibling 13 — neurological problem	1	780–780	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6am4 SIB13NEU = 8 (N/A), then skip the remaining questions in the row If Question 6am4 SIB13NEU = 9 (Unknown), then skip the remaining questions in the row
6am5	SIB13PDX	Sibling 13 — primary diagnosis	3	782–784	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6am4 SIB13NEU = 8 (N/A) Blank if Question 6am4 SIB13NEU = 9 (Unknown)	
6am6	SIB13MOE	Sibling 13 — method of evaluation	1	786–786	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6am4 SIB13NEU = 8 (N/A) Blank if Question 6am4 SIB13NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6am7	SIB13AGO	Sibling 13 — age of onset	3	788–790	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6am4 SIB13NEU = 8 (N/A) Blank if Question 6am4 SIB13NEU = 9 (Unknown)	
6an1	SIB14MOB	Sibling 14 — birth month	2	792–793	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6an2	SIB14YOB	Sibling 14 — birth year	4	795–798	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6an3	SIB14AGD	Sibling 14 — age at death	3	800–802	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6an4	SIB14NEU	Sibling 14 — neurological problem	1	804–804	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6an4 SIB14NEU = 8 (N/A), then skip the remaining questions in the row If Question 6an4 SIB14NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6an5	SIB14PDX	Sibling 14 — primary diagnosis	3	806–808	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6an4 SIB14NEU = 8 (N/A) Blank if Question 6an4 SIB14NEU = 9 (Unknown)	
6an6	SIB14MOE	Sibling 14 — method of evaluation	1	810–810	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6an4 SIB14NEU = 8 (N/A) Blank if Question 6an4 SIB14NEU = 9 (Unknown)	
6an7	SIB14AGO	Sibling 14 — age of onset	3	812–814	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6an4 SIB14NEU = 8 (N/A) Blank if Question 6an4 SIB14NEU = 9 (Unknown)	
6ao1	SIB15MOB	Sibling 15 — birth month	2	816–817	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ao2	SIB15YOB	Sibling 15 — birth year	4	819–822	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ao3	SIB15AGD	Sibling 15 — age at death	3	824–826	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ao4	SIB15NEU	Sibling 15 — neurological problem	1	828–828	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ao4 SIB15NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ao4 SIB15NEU = 9 (Unknown), then skip the remaining questions in the row
6ao5	SIB15PDX	Sibling 15 — primary diagnosis	3	830–832	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ao4 SIB15NEU = 8 (N/A) Blank if Question 6ao4 SIB15NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ao6	SIB15MOE	Sibling 15 — method of evaluation	1	834–834	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ao4 SIB15NEU = 8 (N/A) Blank if Question 6ao4 SIB15NEU = 9 (Unknown)	
6ao7	SIB15AGO	Sibling 15 — age of onset	3	836–838	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ao4 SIB15NEU = 8 (N/A) Blank if Question 6ao4 SIB15NEU = 9 (Unknown)	
6ap1	SIB16MOB	Sibling 16 — birth month	2	840–841	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ap2	SIB16YOB	Sibling 16 — birth year	4	843–846	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ap3	SIB16AGD	Sibling 16 — age at death	3	848–850	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ap4	SIB16NEU	Sibling 16 — neurological problem	1	852–852	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ap4 SIB16NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ap4 SIB16NEU = 9 (Unknown), then skip the remaining questions in the row
6ap5	SIB16PDX	Sibling 16 — primary diagnosis	3	854–856	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ap4 SIB16NEU = 8 (N/A) Blank if Question 6ap4 SIB16NEU = 9 (Unknown)	
6ap6	SIB16MOE	Sibling 16 — method of evaluation	1	858–858	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ap4 SIB16NEU = 8 (N/A) Blank if Question 6ap4 SIB16NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ap7	SIB16AGO	Sibling 16 — age of onset	3	860–862	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ap4 SIB16NEU = 8 (N/A) Blank if Question 6ap4 SIB16NEU = 9 (Unknown)	
6aq1	SIB17MOB	Sibling 17 — birth month	2	864–865	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aq2	SIB17YOB	Sibling 17 — birth year	4	867–870	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aq3	SIB17AGD	Sibling 17 — age at death	3	872–874	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6aq4	SIB17NEU	Sibling 17 — neurological problem	1	876–876	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6aq4 SIB17NEU = 8 (N/A), then skip the remaining questions in the row If Question 6aq4 SIB17NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6aq5	SIB17PDX	Sibling 17 — primary diagnosis	3	878–880	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aq4 SIB17NEU = 8 (N/A) Blank if Question 6aq4 SIB17NEU = 9 (Unknown)	
6aq6	SIB17MOE	Sibling 17 — method of evaluation	1	882–882	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aq4 SIB17NEU = 8 (N/A) Blank if Question 6aq4 SIB17NEU = 9 (Unknown)	
6aq7	SIB17AGO	Sibling 17 — age of onset	3	884–886	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6aq4 SIB17NEU = 8 (N/A) Blank if Question 6aq4 SIB17NEU = 9 (Unknown)	
6ar1	SIB18MOB	Sibling 18 — birth month	2	888–889	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ar2	SIB18YOB	Sibling 18 — birth year	4	891–894	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ar3	SIB18AGD	Sibling 18 — age at death	3	896–898	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6ar4	SIB18NEU	Sibling 18 — neurological problem	1	900–900	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6ar4 SIB18NEU = 8 (N/A), then skip the remaining questions in the row If Question 6ar4 SIB18NEU = 9 (Unknown), then skip the remaining questions in the row
6ar5	SIB18PDX	Sibling 18 — primary diagnosis	3	902–904	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ar4 SIB18NEU = 8 (N/A) Blank if Question 6ar4 SIB18NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6ar6	SIB18MOE	Sibling 18 — method of evaluation	1	906–906	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ar4 SIB18NEU = 8 (N/A) Blank if Question 6ar4 SIB18NEU = 9 (Unknown)	
6ar7	SIB18AGO	Sibling 18 — age of onset	3	908–910	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6ar4 SIB18NEU = 8 (N/A) Blank if Question 6ar4 SIB18NEU = 9 (Unknown)	
6as1	SIB19MOB	Sibling 19 — birth month	2	912–913	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6as2	SIB19YOB	Sibling 19 — birth year	4	915–918	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6as3	SIB19AGD	Sibling 19 — age at death	3	920–922	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6as4	SIB19NEU	Sibling 19 — neurological problem	1	924–924	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6as4 SIB19NEU = 8 (N/A), then skip the remaining questions in the row If Question 6as4 SIB19NEU = 9 (Unknown), then skip the remaining questions in the row
6as5	SIB19PDX	Sibling 19 — primary diagnosis	3	926–928	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6as4 SIB19NEU = 8 (N/A) Blank if Question 6as4 SIB19NEU = 9 (Unknown)	
6as6	SIB19MOE	Sibling 19 — method of evaluation	1	930–930	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6as4 SIB19NEU = 8 (N/A) Blank if Question 6as4 SIB19NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6as7	SIB19AGO	Sibling 19 — age of onset	3	932–934	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6as4 SIB19NEU = 8 (N/A) Blank if Question 6as4 SIB19NEU = 9 (Unknown)	
6at1	SIB20MOB	Sibling 20 — birth month	2	936–937	Num	1–12 99 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6at2	SIB20YOB	Sibling 20 — birth year	4	939–942	Num	1875 to current year 9999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6at3	SIB20AGD	Sibling 20 — age at death	3	944–946	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	
6at4	SIB20NEU	Sibling 20 — neurological problem	1	948–948	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No)	If Question 6at4 SIB20NEU = 8 (N/A), then skip the remaining questions in the row If Question 6at4 SIB20NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6at5	SIB20PDX	Sibling 20 — primary diagnosis	3	950–952	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6at4 SIB20NEU = 8 (N/A) Blank if Question 6at4 SIB20NEU = 9 (Unknown)	
6at6	SIB20MOE	Sibling 20 — method of evaluation	1	954–954	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6at4 SIB20NEU = 8 (N/A) Blank if Question 6at4 SIB20NEU = 9 (Unknown)	
6at7	SIB20AGO	Sibling 20 — age of onset	3	956–958	Num	0–110 999 = Unknown	Blank if Question 6 SIBS=0 or SIBS=77 Blank if Question 6a NWINFSIB = 0 (No) Blank if Question 6at4 SIB20NEU = 8 (N/A) Blank if Question 6at4 SIB20NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7	KIDS	Number of biological children?	2	960–961	Num	0–15		If Question 7 KIDS = 0, then end form here
7a	NWINKID	New information on biological children?	1	963–963	Num	0 = No 1 = Yes		If Question 7a NWINKID = 0 (No), then end form here
7aa1	KID1MOB	Child 1 — birth month	2	965–966	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7aa2	KID1YOB	Child 1 — birth year	4	968–971	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7aa3	KID1AGD	Child 1 — age at death	3	973–975	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7aa4	KID1NEU	Child 1 — neurological problem	1	977–977	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7aa4 KID1NEU = 8 (N/A), then skip the remaining questions in the row If Question 7aa4 KID1NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7aa5	KID1PDX	Child 1 — primary diagnosis	3	979–981	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aa4 KID1NEU = 8 (N/A) Blank if Question 7aa4 KID1NEU = 9 (Unknown)	
7aa6	KID1MOE	Child 1 — method of evaluation	1	983–983	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aa4 KID1NEU = 8 (N/A) Blank if Question 7aa4 KID1NEU = 9 (Unknown)	
7aa7	KID1AGO	Child 1 — age of onset	3	985–987	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aa4 KID1NEU = 8 (N/A) Blank if Question 7aa4 KID1NEU = 9 (Unknown)	
7ab1	KID2MOB	Child 2 — birth month	2	989–990	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ab2	KID2YOB	Child 2 — birth year	4	992–995	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7ab3	KID2AGD	Child 2 — age at death	3	997–999	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7ab4	KID2NEU	Child 2 — neurological problem	1	1001–1001	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7ab4 KID2NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ab4 KID2NEU = 9 (Unknown), then skip the remaining questions in the row
7ab5	KID2PDX	Child 2 — primary diagnosis	3	1003–1005	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ab4 KID2NEU = 8 (N/A) Blank if Question 7ab4 KID2NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ab6	KID2MOE	Child 2 — method of evaluation	1	1007–1007	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ab4 KID2NEU = 8 (N/A) Blank if Question 7ab4 KID2NEU = 9 (Unknown)	
7ab7	KID2AGO	Child 2 — age of onset	3	1009–1011	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ab4 KID2NEU = 8 (N/A) Blank if Question 7ab4 KID2NEU = 9 (Unknown)	
7ac1	KID3MOB	Child 3 — birth month	2	1013–1014	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7ac2	KID3YOB	Child 3 — birth year	4	1016–1019	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7ac3	KID3AGD	Child 3 — age at death	3	1021–1023	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ac4	KID3NEU	Child 3 — neurological problem	1	1025–1025	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7ac4 KID3NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ac4 KID3NEU = 9 (Unknown), then skip the remaining questions in the row
7ac5	KID3PDX	Child 3 — primary diagnosis	3	1027–1029	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ac4 KID3NEU = 8 (N/A) Blank if Question 7ac4 KID3NEU = 9 (Unknown)	
7ac6	KID3MOE	Child 3 — method of evaluation	1	1031–1031	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ac4 KID3NEU = 8 (N/A) Blank if Question 7ac4 KID3NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ac7	KID3AGO	Child 3 — age of onset	3	1033–1035	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ac4 KID3NEU = 8 (N/A) Blank if Question 7ac4 KID3NEU = 9 (Unknown)v	
7ad1	KID4MOB	Child 4 — birth month	2	1037–1038	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ad2	KID4YOB	Child 4 — birth year	4	1040–1043	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7ad3	KID4AGD	Child 4 — age at death	3	1045–1047	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ad4	KID4NEU	Child 4 — neurological problem	1	1049–1049	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7ad4 KID4NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ad4 KID4NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ad5	KID4PDX	Child 4 — primary diagnosis	3	1051–1053	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ad4 KID4NEU = 8 (N/A) Blank if Question 7ad4 KID4NEU = 9 (Unknown)	
7ad6	KID4MOE	Child 4 — method of evaluation	1	1055–1055	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ad4 KID4NEU = 8 (N/A) Blank if Question 7ad4 KID4NEU = 9 (Unknown)	
7ad7	KID4AGO	Child 4 — age of onset	3	1057–1059	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ad4 KID4NEU = 8 (N/A) Blank if Question 7ad4 KID4NEU = 9 (Unknown)	
7ae1	KID5MOB	Child 5 — birth month	2	1061–1062	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ae2	KID5YOB	Child 5 — birth year	4	1064–1067	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7ae3	KID5AGD	Child 5 — age at death	3	1069–1071	Num	0–110	999 = N/A	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0
7ae4	KID5NEU	Child 5 — neurological problem	1	1073–1073	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7ae4 KID5NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ae4 KID5NEU = 9 (Unknown), then skip the remaining questions in the row
7ae5	KID5PDX	Child 5 — primary diagnosis	3	1075–1077	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ae4 KID5NEU = 8 (N/A) Blank if Question 7ae4 KID5NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ae6	KID5MOE	Child 5 — method of evaluation	1	1079–1079	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ae4 KID5NEU = 8 (N/A) Blank if Question 7ae4 KID5NEU = 9 (Unknown)	
7ae7	KID5AGO	Child 5 — age of onset	3	1081–1083	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ae4 KID5NEU = 8 (N/A) Blank if Question 7ae4 KID5NEU = 9 (Unknown)	
7af1	KID6MOB	Child 6 — birth month	2	1085–1086	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7af2	KID6YOB	Child 6 — birth year	4	1088–1091	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7af3	KID6AGD	Child 6 — age at death	3	1093–1095	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7af4	KID6NEU	Child 6 — neurological problem	1	1097–1097	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7af4 KID6NEU = 8 (N/A), then skip the remaining questions in the row If Question 7af4 KID6NEU = 9 (Unknown), then skip the remaining questions in the row
7af5	KID6PDX	Child 6 — primary diagnosis	3	1099–1101	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 Blank if Question 7a4 KID6NEU = 8 (N/A) Blank if Question 7a4 KID6NEU = 9 (Unknown)	
7af6	KID6MOE	Child 6 — method of evaluation	1	1103–1103	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 Blank if Question 7a4 KID6NEU = 8 (N/A) Blank if Question 7a4 KID6NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7af7	KID6AGO	Child 6 — age of onset	3	1105–1107	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 Blank if Question 7aF4 KID6NEU = 8 (N/A) Blank if Question 7a4 KID6NEU = 9 (Unknown)	
7ag1	KID7MOB	Child 7 — birth month	2	1109–1110	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ag2	KID7YOB	Child 7 — birth year	4	1112–1115	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7ag3	KID7AGD	Child 7 — age at death	3	1117–1119	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ag4	KID7NEU	Child 7 — neurological problem	1	1121–1121	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7ag4 KID7NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ag4 KID7NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ag5	KID7PDX	Child 7 — primary diagnosis	3	1123–1125	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ag4 KID7NEU = 8 (N/A) Blank if Question 7ag4 KID7NEU = 9 (Unknown)	
7ag6	KID7MOE	Child 7 — method of evaluation	1	1127–1127	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ag4 KID7NEU = 8 (N/A) Blank if Question 7ag4 KID7NEU = 9 (Unknown)	
7ag7	KID7AGO	Child 7 — age of onset	3	1129–1131	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ag4 KID7NEU = 8 (N/A) Blank if Question 7ag4 KID7NEU = 9 (Unknown)	
7ah1	KID8MOB	Child 8 — birth month	2	1133–1134	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ah2	KID8YOB	Child 8 — birth year	4	1136–1139	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7ah3	KID8AGD	Child 8 — age at death	3	1141–1143	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ah4	KID8NEU	Child 8 — neurological problem	1	1145–1145	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7ah4 KID8NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ah4 KID8NEU = 9 (Unknown), then skip the remaining questions in the row
7ah5	KID8PDX	Child 8 — primary diagnosis	3	1147–1149	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ah4 KID8NEU = 8 (N/A) Blank if Question 7ah4 KID8NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ah6	KID8MOE	Child 8 — method of evaluation	1	1151–1151	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ah4 KID8NEU = 8 (N/A) Blank if Question 7ah4 KID8NEU = 9 (Unknown)	
7ah7	KID8AGO	Child 8 — age of onset	3	1153–1155	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ah4 KID8NEU = 8 (N/A) Blank if Question 7ah4 KID8NEU = 9 (Unknown)	
7ai1	KID9MOB	Child 9 — birth month	2	1157–1158	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7ai2	KID9YOB	Child 9 — birth year	4	1160–1163	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7ai3	KID9AGD	Child 9 — age at death	3	1165–1167	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ai4	KID9NEU	Child 9 — neurological problem	1	1169–1169	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7ai4 KID9NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ai4 KID9NEU = 9 (Unknown), then skip the remaining questions in the row
7ai5	KID9PDX	Child 9 — primary diagnosis	3	1171–1173	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ai4 KID9NEU = 8 (N/A) Blank if Question 7ai4 KID9NEU = 9 (Unknown)	
7ai6	KID9MOE	Child 9 — method of evaluation	1	1175–1175	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ai4 KID9NEU = 8 (N/A) Blank if Question 7ai4 KID9NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ai7	KID9AGO	Child 9 — age of onset	3	1177–1179	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ai4 KID9NEU = 8 (N/A) Blank if Question 7ai4 KID9NEU = 9 (Unknown)	
7aj1	KID10MOB	Child 10 — birth month	2	1181–1182	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7aj2	KID10YOB	Child 10 — birth year	4	1184–1187	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7aj3	KID10AGD	Child 10 — age at death	3	1189–1191	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7aj4	KID10NEU	Child 10 — neurological problem	1	1193–1193	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7aj4 KID10NEU = 8 (N/A), then skip the remaining questions in the row If Question 7aj4 KID10NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7aj5	KID10PDX	Child 10 — primary diagnosis	3	1195–1197	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aj4 KID10NEU = 8 (N/A) Blank if Question 7aj4 KID10NEU = 9 (Unknown)	
7aj6	KID10MOE	Child 10 — method of evaluation	1	1199–1199	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aj4 KID10NEU = 8 (N/A) Blank if Question 7aj4 KID10NEU = 9 (Unknown)	
7aj7	KID10AGO	Child 10 — age of onset	3	1201–1203	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7aj4 KID10NEU = 8 (N/A) Blank if Question 7aj4 KID10NEU = 9 (Unknown)	
7ak1	KID11MOB	Child 11 — birth month	2	1205–1206	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ak2	KID11YOB	Child 11 — birth year	4	1208–1211	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7ak3	KID11AGD	Child 11 — age at death	3	1213–1215	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7ak4	KID11NEU	Child 11 — neurological problem	1	1217–1217	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7ak4 KID11NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ak4 KID11NEU = 9 (Unknown), then skip the remaining questions in the row
7ak5	KID11PDX	Child 11 — primary diagnosis	3	1219–1221	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ak4 KID11NEU = 8 (N/A) Blank if Question 7ak4 KID11NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ak6	KID11MOE	Child 11 — method of evaluation	1	1223–1223	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ak4 KID11NEU = 8 (N/A) Blank if Question 7ak4 KID11NEU = 9 (Unknown)	
7ak7	KID11AGO	Child 11 — age of onset	3	1225–1227	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ak4 KID11NEU = 8 (N/A) Blank if Question 7ak4 KID11NEU = 9 (Unknown)	
7al1	KID12MOB	Child 12 — birth month	2	1229–1230	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7al2	KID12YOB	Child 12 — birth year	4	1232–1235	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7al3	KID12AGD	Child 12 — age at death	3	1237–1239	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7a4	KID12NEU	Child 12 — neurological problem	1	1241–1241	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7a4 KID12NEU = 8 (N/A), then skip the remaining questions in the row If Question 7a4 KID12NEU = 9 (Unknown), then skip the remaining questions in the row
7a5	KID12PDX	Child 12 — primary diagnosis	3	1243–1245	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7a4 KID12NEU = 8 (N/A) Blank if Question 7a4 KID12NEU = 9 (Unknown)	
7a6	KID12MOE	Child 12 — method of evaluation	1	1247–1247	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7a4 KID12NEU = 8 (N/A) Blank if Question 7a4 KID12NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7a17	KID12AGO	Child 12 — age of onset	3	1249–1251	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7a14 KID12NEU = 8 (N/A) Blank if Question 7a14 KID12NEU = 9 (Unknown)	
7am1	KID13MOB	Child 13 — birth month	2	1253–1254	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7am2	KID13YOB	Child 13 — birth year	4	1256–1259	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No)	
7am3	KID13AGD	Child 13 — age at death	3	1261–1263	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	
7am4	KID13NEU	Child 13 — neurological problem	1	1265–1265	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	If Question 7am4 KID13NEU = 8 (N/A), then skip the remaining questions in the row If Question 7am4 KID13NEU = 9 (Unknown), then skip the remaining questions in the row

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7am5	KID13PDX	Child 13 — primary diagnosis	3	1267–1269	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7am4 KID13NEU = 8 (N/A) Blank if Question 7am4 KID13NEU = 9 (Unknown)	
7am6	KID13MOE	Child 13 — method of evaluation	1	1271–1271	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical re- cords AND co-participant and/ or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7am4 KID13NEU = 8 (N/A) Blank if Question 7am4 KID13NEU = 9 (Unknown)	
7am7	KID13AGO	Child 13 — age of onset	3	1273–1275	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7am4 KID13NEU = 8 (N/A) Blank if Question 7am4 KID13NEU = 9 (Unknown)	
7an1	KID14MOB	Child 14 — birth month	2	1277–1278	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7an2	KID14YOB	Child 14 — birth year	4	1280–1283	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7an3	KID14AGD	Child 14 — age at death	3	1285–1287	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7an4	KID14NEU	Child 14 — neurological problem	1	1289–1289	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7an4 KID14NEU = 8 (N/A), then skip the remaining questions in the row If Question 7an4 KID14NEU = 9 (Unknown), then skip the remaining questions in the row
7an5	KID14PDX	Child 14 — primary diagnosis	3	1291–1293	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7an4 KID14NEU = 8 (N/A) Blank if Question 7an4 KID14NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7an6	KID14MOE	Child 14 — method of evaluation	1	1295–1295	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7an4 KID14NEU = 8 (N/A) Blank if Question 7an4 KID14NEU = 9 (Unknown)	
7an7	KID14AGO	Child 14 — age of onset	3	1297–1299	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7an4 KID14NEU = 8 (N/A) Blank if Question 7an4 KID14NEU = 9 (Unknown)	
7ao1	KID15MOB	Child 15 — birth month	2	1301–1302	Num	1–12 99 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	
7ao2	KID15YOB	Child 15 — birth year	4	1304–1307	Num	1910 to current year 9999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No)	
7ao3	KID15AGD	Child 15 — age at death	3	1309–1311	Num	0–110 888 = N/A 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ao4	KID15NEU	Child 15 — neurological problem	1	1313–1313	Num	1 = Cognitive impairment/behavior change 2 = Parkinsonism 3 = ALS 4 = Other neurologic condition such as multiple sclerosis or stroke 5 = Psychiatric condition such as schizophrenia, bipolar disorder, or alcoholism 8 = N/A, no neurological problem or psychiatric condition 9 = Unknown 9 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0	If Question 7ao4 KID15NEU = 8 (N/A), then skip the remaining questions in the row If Question 7ao4 KID15NEU = 9 (Unknown), then skip the remaining questions in the row
7ao5	KID15PDX	Child 15 — primary diagnosis	3	1315–1317	Num	40–490 999 = Specific diagnosis unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ao4 KID15NEU = 8 (N/A) Blank if Question 7ao4 KID15NEU = 9 (Unknown)	
7ao6	KID15MOE	Child 15 — method of evaluation	1	1319–1319	Num	1 = Autopsy 2 = Examination 3 = Medical record review from formal dementia evaluation 4 = Review of general medical records AND co-participant and/or subject telephone interview 5 = Review of general medical records only 6 = Subject and/or co-participant telephone interview 7 = Family report	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINFKID = 0 (No) Blank if Question 7ao4 KID15NEU = 8 (N/A) Blank if Question 7ao4 KID15NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7ao7	KID15AGO	Child 15 — age of onset	3	1321–1323	Num	0–110 999 = Unknown	Blank if Question 7 KIDS = 0 Blank if Question 7a NWINKID = 0 (No) Blank if Question 7ao4 KID15NEU = 8 (N/A) Blank if Question 7ao4 KID15NEU = 9 (Unknown)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form A4G: Subject Medications (General)								
1	ANYMEDS	Is the subject currently taking any medications?	1	45 – 45	Num	0 = No 1 = Yes		
Form A4D: Subject Medications (Detail)								
1	DRUGID	What is the Drug ID of the medication?	6	45 – 50	Char	Preprinted drug IDs on the UDS form or drug IDs obtained from using the lookup tool on the NACC website.		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form B4: CDR® Dementia Staging Instrument PLUS NACC FLTD BEHAVIOR & LANGUAGE DOMAINS								
1	MEMORY	MEMORY	3	45 – 47	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
2	ORIENT	ORIENTATION	3	49 – 51	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
3	JUDGMENT	JUDGMENT AND PROBLEM SOLVING	3	53 – 55	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
4	COMMUN	COMMUNITY AFFAIRS	3	57 – 59	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
5	HOMEHOBB	HOME AND HOBBIES	3	61 – 63	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
6	PERSCARE	PERSONAL CARE	3	65 – 67	Num	0.0 = No impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
7	CDRSUM	CDR SUM OF BOXES	4	69 – 72	Num	00.0, 00.5, 01.0, 01.5, ..., 18.0 (except that scores of 16.5 and 17.5 are not possible)		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
8	CDRGLOB	GLOBAL CDR	3	74 – 76	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
9	COMPOR	BEHAVIOR, COMPORMENT, AND PERSONALITY	3	78 – 80	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		
10	CDRLANG	LANGUAGE	3	82 – 84	Num	0.0 = No impairment 0.5 = Questionable impairment 1.0 = Mild impairment 2.0 = Moderate impairment 3.0 = Severe impairment		

Form B5: Neuropsychiatric Inventory (NPI-Q)

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1	NPIQINF	NPI CO-PARTICIPANT:	1	45 – 45	Num	1 = Spouse 2 = Child 3 = Other		
1a	NPIQINF	If NPI informant Other — specify:	60	47 – 106	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 1 NPIQINF ≠ 3 (Other)	
2a	DEL	DELUSIONS: Does the patient believe that others are stealing from him or her, or planning to harm him or her in some way?	1	108 – 108	Num	0 = No 1 = Yes 9 = Unknown		
2b	DELSEV	If DELUSIONS, rate Severity:	1	110 – 110	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 2a DEL ≠ 1 (Yes)	
3a	HALL	HALLUCINATIONS: Does the patient act as if he or she hears voices? Does he or she talk to people who are not there?	1	112 – 112	Num	0 = No 1 = Yes 9 = Unknown		
3b	HALLSEV	If HALLUCINATIONS, rate Severity:	1	114 – 114	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 3a HALL ≠ 1 (Yes)	
4a	AGIT	AGITATION OR AGGRESSION: Is the patient stubborn and resistive to help from others?	1	116 – 116	Num	0 = No 1 = Yes 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
4b	AGITSEV	If AGITATION OR AGGRESSION, rate Severity:	1	118 – 118	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 4a AGIT ≠ 1 (Yes)	
5a	DEPD	DEPRESSION OR DYSPHORIA: Does the patient act as if he or she is sad or in low spirits? Does he or she cry?	1	120 – 120	Num	0 = No 1 = Yes 9 = Unknown		
5b	DEPDSEV	If DEPRESSION OR DYSPHORIA, rate Severity:	1	122 – 122	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 5a DEPD ≠ 1 (Yes)	
6a	ANX	ANXIETY: Does the patient become upset when separated from you? Does he or she have any other signs of nervousness, such as shortness of breath, sighing, being unable to relax, or feeling excessively tense?	1	124 – 124	Num	0 = No 1 = Yes 9 = Unknown		
6b	ANXSEV	If ANXIETY, rate Severity:	1	126 – 126	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 6a ANX ≠ 1 (Yes)	
7a	ELAT	ELATION OR EUPHORIA: Does the patient appear to feel too good or act excessively happy?	1	128 – 128	Num	0 = No 1 = Yes 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
7b	ELATSEV	If ELATION OR EUPHORIA, rate Severity:	1	130 – 130	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 7a ELAT ≠ 1 (Yes)	
8a	APA	APATHY OR INDIFFERENCE: Does the patient seem less interested in his or her usual activities and in the activities and plans of others?	1	132 – 132	Num	0 = No 1 = Yes 9 = Unknown		
8b	APASEV	If APATHY OR INDIFFERENCE, rate Severity:	1	134 – 134	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 8a APA ≠ 1 (Yes)	
9a	DISN	DISINHIBITION: Does the patient seem to act impulsively? For example, does the patient talk to strangers as if he or she knows them, or does the patient say things that may hurt people's feelings?	1	136 – 136	Num	0 = No 1 = Yes 9 = Unknown		
9b	DISNSEV	If DISINHIBITION, rate Severity:	1	138 – 138	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 9a DISN ≠ 1 (Yes)	
10a	IRR	IRRITABILITY OR LABILITY: Is the patient impatient or cranky? Does he or she have difficulty coping with delays or waiting for planned activities?	1	140 – 140	Num	0 = No 1 = Yes 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
10b	IRRSEV	If IRRITABILITY OR LABILITY, rate Severity:	1	142 – 142	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 10a IRR ≠ 1 (Yes)	
11a	MOT	MOTOR DISTURBANCE: Does the patient engage in repetitive activities, such as pacing around the house, handling buttons, wrapping string, or doing other things repeatedly?	1	144 – 144	Num	0 = No 1 = Yes 9 = Unknown		
11b	MOTSEV	If MOTOR DISTURBANCE, rate Severity:	1	146 – 146	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 11a MOT ≠ 1 (Yes)	
12a	NITE	NIGHTTIME BEHAVIORS: Does the patient awaken you during the night, rise too early in the morning, or take excessive naps during the day?	1	148 – 148	Num	0 = No 1 = Yes 9 = Unknown		
12b	NITSEV	If NIGHTTIME BEHAVIORS, rate Severity:	1	150 – 150	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 12a NITE ≠ 1 (Yes)	
13a	APP	APPETITE AND EATING: Has the patient lost or gained weight, or had a change in the food he or she likes?	1	152 – 152	Num	0 = No 1 = Yes 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
13b	APPSEV	If APPETITE AND EATING, rate Severity:	1	154 – 154	Num	1 = Mild (noticeable, but not a significant change) 2 = Moderate (significant, but not a dramatic change) 3 = Severe (very marked or prominent a dramatic change) 9 = Unknown	Blank if Question 13a APP ≠ 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form B6: Geriatric Depression Scale								
G1	NOGDS	Check this box if the subject is not able to complete the GDS, based on the clinician's best judgment	1	45 – 45	Num	0 = Able to complete (box not checked) 1 = Not able to complete (box checked)		
1	SATIS	Are you basically satisfied with your life?	1	47 – 47	Num	0 = Yes 1 = No 9 = Did not answer		
2	DROPACT	Have you dropped many of your activities and interests?	1	49 – 49	Num	1 = Yes 0 = No 9 = Did not answer		
3	EMPTY	Do you feel that your life is empty?	1	51 – 51	Num	1 = Yes 0 = No 9 = Did not answer		
4	BORED	Do you often get bored?	1	53 – 53	Num	1 = Yes 0 = No 9 = Did not answer		
5	SPIRITS	Are you in good spirits most of the time?	1	55 – 55	Num	0 = Yes 1 = No 9 = Did not answer		
6	AFRAID	Are you afraid that something bad is going to happen to you?	1	57 – 57	Num	1 = Yes 0 = No 9 = Did not answer		
7	HAPPY	Do you feel happy most of the time?	1	59 – 59	Num	0 = Yes 1 = No 9 = Did not answer		
8	HELPLESS	Do you often feel helpless?	1	61 – 61	Num	1 = Yes 0 = No 9 = Did not answer		
9	STAYHOME	Do you prefer to stay at home, rather than going out and doing new things?	1	63 – 63	Num	1 = Yes 0 = No 9 = Did not answer		
10	MEMPROB	Do you feel you have more problems with memory than most?	1	65 – 65	Num	1 = Yes 0 = No 9 = Did not answer		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
11	WONDRFUL	Do you think it is wonderful to be alive now?	1	67 – 67	Num	0 = Yes 1 = No 9 = Did not answer		
12	WRTHLESS	Do you feel pretty worthless the way you are now?	1	69 – 69	Num	1 = Yes 0 = No 9 = Did not answer		
13	ENERGY	Do you feel full of energy?	1	71 – 71	Num	0 = Yes 1 = No 9 = Did not answer		
14	HOPELESS	Do you feel that your situation is hopeless?	1	73 – 73	Num	1 = Yes 0 = No 9 = Did not answer		
15	BETTER	Do you think that most people are better off than you are?	1	75 – 75	Num	1 = Yes 0 = No 9 = Did not answer		
16	GDS	Sum of all circled answers for a Total GDS Score	2	77 – 78	Num	0 – 15 88 = Did not complete		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form B7: NACC Functional Assessment Scale (FAS)								
1	BILLS	In the past four weeks, did the subject have any difficulty or need help with: Writing checks, paying bills, or balancing a checkbook	1	45 – 45	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
2	TAXES	In the past four weeks, did the subject have any difficulty or need help with: Assembling tax records, business affairs, or other papers	1	47 – 47	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
3	SHOPPING	In the past four weeks, did the subject have any difficulty or need help with: Shopping alone for clothes, household necessities, or groceries	1	49 – 49	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
4	GAMES	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	1	51 – 51	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
5	STOVE	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	1	53 – 53	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6	MEALPREP	In the past four weeks, did the subject have any difficulty or need help with: Preparing a balanced meal	1	55 – 55	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
7	EVENTS	In the past four weeks, did the subject have any difficulty or need help with: Keeping track of current events	1	57 – 57	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
8	PAYATTN	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	1	59 – 59	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
9	REMDATES	In the past four weeks, did the subject have any difficulty or need help with: Remembering appointments, family occasions, holidays, medications	1	61 – 61	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		
10	TRAVEL	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	1	63 – 63	Num	0 = Normal 1 = Has difficulty, but does by self 2 = Requires assistance 3 = Dependent 8 = Not applicable (e.g., never did) 9 = Unknown		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
Form B9: Clinician Judgment of Symptoms								
1	DECSUB	Does the subject report a decline in memory (relative to previously attained abilities)?	1	45 – 45	Num	0 = No 1 = Yes 8 = Could not be assessed/subject too impaired		
2	DECIN	Does the co-participant report a decline in subject's memory (relative to previously attained abilities)?	1	47 – 47	Num	0 = No 1 = Yes 8 = There is no co-participant		
3	DECCLCOG	Based on the clinician's judgement, is the subject currently experiencing meaningful impairment in cognition?	1	49 – 49	Num	0 = No 1 = Yes		If No, then skip to Question 8
4a	COGMEM	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in memory	1	51 – 51	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	
4b	COGORI	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in orientation	1	53 – 53	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	
4c	COGJUDG	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in executive function — judgment, planning, or problem-solving	1	55 – 55	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	
4d	COGLANG	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in language	1	57 – 57	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	
4e	COGVIS	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in visuo-spatial function	1	59 – 59	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	
4f	COGATTN	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in attention or concentration	1	61 – 61	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3DECCLCOG = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
4g	COGFLUC	Indicate whether the subject currently has fluctuating cognition	1	63 – 63	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3 DECCLCOG = 0 (No)	
4g1	COGFLAGO	At what age did the fluctuating cognition begin?	3	65 – 67	Num	15 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 4g COGFLUC ≠ 1 (Yes)	
4h	COGOTHR	Indicate whether the subject currently is meaningfully impaired, relative to previously attained abilities, in other cognitive domains	1	69 – 69	Num	0 = No 1 = Yes	Blank if Question 3 DECCLCOG = 0 (No)	
4h1	COGOTHRX	Specification of other cognitive impairment	60	71 – 130	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 4h COGOTHR ≠ 1 (Yes)	
5	COGFPRED	Indicate the predominant symptom that was first recognized as a decline in the subject's cognition	2	132 – 133	Num	0 = Assessed at a previous UDS visit 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	Blank if Question 3 DECCLCOG = 0 (No)	
5a	COGFPREX	Specification for Other predominant symptom first recognized as a decline in the subject's cognition	60	135 – 194	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 5 COGFPRED ≠ 8 (Other)	
6	COGMODE	Mode of onset of cognitive symptoms	2	196 – 197	Num	1 = Gradual 2 = Subacute 3 = Abrupt 4 = Other (specify) 99 = Unknown	Blank if Question 3 DECCLCOG = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6a	COGMODEX	Specification for mode of onset of other cognitive symptoms	60	199 – 258	Char	Any text or numbers with the exception of single quotes ('), double quotes (""), ampersands (&), and percentage signs (%).	Blank if Question 6 COGMODE ≠ 4 (Other)	
7	DECAE	Based on clinician's assessment, at what age did the cognitive decline begin? (The clinician must use his/her best judgement to estimate an age of onset.)	3	260 – 262	Num	15 – 110 777 = Age of cognitive decline provided at previous UDS visit	Blank if Question 3 DECCLCOG = 0 (No)	
8	DECCLBE	Based on clinician's judgement, is the subject currently experiencing any kind of behavioral symptoms?	1	264 – 264	Num	0 = No 1 = Yes		If No, then skip to Question 13
9a	BEAPATHY	Subject currently manifests meaningful change in behavior — Apathy, withdrawal	1	266 – 266	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9b	BEDEP	Subject currently manifests meaningful change in behavior — Depressed mood	1	268 – 268	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9c1	BEVHALL	Subject currently manifests meaningful change in behavior — Psychosis — visual hallucinations	1	270 – 270	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9c1a	BEVWELL	If yes, are the hallucinations well-formed and detailed?	1	272 – 272	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9c1b	BEVHAGO	If well-formed, clear-cut visual hallucinations, at what age did these hallucinations begin?	3	274 – 276	Num	15 – 110 777 = Age of onset provided at previous UDS visit 888 = N/A, hallucinations were not well formed and clear cut	Blank if Question 8 DECCLBE = 0 (No)	
9c2	BEAHALL	Subject currently manifests meaningful change in behavior — Psychosis — Auditory hallucinations	1	278 – 278	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9c3	BEDEL	Subject currently manifests meaningful change in behavior — Psychosis — Abnormal, false, or delusional beliefs	1	280 – 280	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
9d	BEDISIN	Subject currently manifests meaningful change in behavior — Disinhibition	1	282 – 282	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9e	BEIRIT	Subject currently manifests meaningful change in behavior — Irritability	1	284 – 284	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9f	BEAGIT	Subject currently manifests meaningful change in behavior — Agitation	1	286 – 286	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9g	BEPERCH	Subject currently manifests meaningful change in behavior — Personality change	1	288 – 288	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 8DECCLBE = 0 (No)	
9h	BEREM	Subject currently manifests meaningful change in behavior — REM sleep behavior disorder	1	290 – 290	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9h1	BEREMAGO	If yes, at what age did the REM sleep behavior disorder begin? (The clinician must use his/her best judgment to estimate an age of onset.)	3	292 – 294	Num	15 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 9h BEREM ≠ 1 (Yes)	
9i	BEANX	Subject currently manifests meaningful change in behavior — Anxiety	1	296 – 296	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
9j	BEOTHR	Subject currently manifests meaningful change in behavior — Other	1	298 – 298	Num	0 = No 1 = Yes	Blank if Question 8 DECCLBE = 0 (No)	
9j1	BEOTHRX	Subject currently manifests meaningful change in behavior — Other, specify	60	300 – 359	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 9j BEOTHR ≠ 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
10	BEFPRED	Indicate the predominant symptom that was first recognized as a decline in the subject's behavior	2	361 – 362	Num	0 = Assessed at a previous UDS visit 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	Blank if Question 8 DECCLBE = 0 (No)	
10a	BEFPREDX	Specification of other predominant symptom that was first recognized as a decline in the subject's behavior	60	364 – 423	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 10 BEFPRED ≠ 10 (Other)	
11	BEMODE	Mode of onset of behavioral symptoms	2	425 – 426	Num	1 = Gradual 2 = Subacute 3 = Abrupt 4 = Other (specify) 99 = Unknown	Blank if Question 8 DECCLBE = 0 (No)	
11a	BEMODEX	Specification of other mode of onset of behavioral symptoms	60	428 – 487	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 11 BEMODE ≠ 4 (Other)	
12	BEAGE	Based on the clinician's assessment, at what age did the behavioral symptoms begin? (The clinician must use his/her best judgment to estimate an age of onset.)	3	489 – 491	Num	12 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 8 DECCLBE = 0 (No)	
13	DECCLMOT	Based on clinician's judgment, is the subject currently experiencing any motor symptoms?	1	493 – 493	Num	0 = No 1 = Yes		If No, then skip to Question 20
14a	MOGAIT	Indicate whether the subject currently has meaningful changes in motor function — Gait disorder	1	495 – 495	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13DECCLMOT = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
14b	MOFALLS	Indicate whether the subject currently has meaningful changes in motor function — Falls	1	497 – 497	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13DECCLMOT = 0 (No)	
14c	MOTREM	Indicate whether the subject currently has meaningful changes in motor function — Tremor	1	499 – 499	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13DECCLMOT = 0 (No)	
14d	MOSLOW	Indicate whether the subject currently has meaningful changes in motor function — Slowness	1	501 – 501	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13DECCLMOT = 0 (No)	
15	MOFRST	Indicate the predominant symptom that was first recognized as a decline in the subject's motor function	2	503 – 504	Num	0 = Assessed at a previous UDS visit 1 = Gait disorder 2 = Falls 3 = Tremor 4 = Slowness 99 = Unknown	Blank if Question 13 DECCLMOT = 0 (No)	
16	MOMODE	Mode of onset of motor symptoms	2	506 – 507	Num	1 = Gradual 2 = Subacute 3 = Abrupt 4 = Other 99 = Unknown	Blank if Question 13 DECCLMOT = 0 (No)	
16a	MOMODEX	Specification for other mode of onset of motor symptoms	60	509 – 568	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if Question 16 MOMODE ≠ 4 (Other)	
17	MOMOPARK	Were changes in motor function suggestive of parkinsonism?	1	570 – 570	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13 DECCLMOT = 0 (No)	If No or Unknown, then skip to Question 18
17a	PARKAGE	If yes, at what age did the motor symptoms suggestive of parkinsonism begin	3	572 – 574	Num	15 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 17 MOMOPARK ≠ 1 (Yes)	
18	MOMOALS	Were changes in motor function suggestive of amyotrophic lateral sclerosis?	1	576 – 576	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 13 DECCLMOT = 0 (No)	If No or Unknown, then skip to Question 19

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
18a	ALSAGE	If yes, at what age did the motor symptoms suggestive of ALS begin?	3	578 – 580	Num	15 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 18 MOMOALS ≠ 1 (Yes)	
19	MOAGE	Based on clinician's assessment, at what age did the motor changes begin? (The clinician must use his/her best judgement to estimate an age of onset.)	3	582 – 584	Num	15 – 110 777 = Age of onset provided at previous UDS visit	Blank if Question 13 DECCLMOT = 0 (No)	
20	COURSE	Overall Course of decline of cognitive/ behavioral/ motor syndrome	1	586 – 586	Num	1 = Gradually progressive 2 = Stepwise 3 = Static 4 = Fluctuating 5 = Improved 8 = N/A 9 = Unknown		
21	FRSTCHG	Indicate the predominant domain that was first recognized as changed in the subject	1	588 – 588	Num	0 = Assessed at a previous UDS visit 1 = Cognition 2 = Behavior 3 = Motor function 8 = N/A 9 = Unknown		
22	LBDEVAL	Is the subject a potential candidate for further evaluation for Lewy body disease?	1	590 – 590	Num	0 = No 1 = Yes		
23	FTLDEVAL	Is the subject a potential candidate for further evaluation for frontotemporal lobar degeneration?	1	592 – 592	Num	0 = No 1 = Yes		
Form C2T: T-cog Neuropsychological Battery Scores								
0a	MODCOMM	What modality of communication was used to administer this neuropsychological battery?	1	45 – 45	Num	1 = Telephone 2 = Video-assisted conference 3 = Some combination of the two		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1a	MOCACOMP	Was any part of MoCA administered?	1	47 – 47	Num	0 = No 1 = Yes		
1a1	MOCAREAS	Was any part of MoCA administered? If No, enter reason code	2	49 – 50	Num	95 – 98 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is Yes (1)	If 95-98 then skip to Question 2a
1b	MOCALAN	Language of MoCA administration	1	52 – 52	Num	1 = English 2 = Spanish 3 = Other	Blank if 1a MOCACOMP is No (0)	
1b1	MOCALANX	Language of MoCA administration — other specify	60	54 – 113	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if 1a MOCACOMP=0 or 1b MOCALAN=1 or 1b MOCALAN=2 Blank if 2a NPSYLAN=1 or 2a NPSYLAN=2	
1c	MOCAHEAR	Subject was unable to complete one or more sections due to hearing impairment	1	115 – 115	Num	0 = No 1 = Yes	Blank if 1a MOCACOMP is No (0)	
1d	MOCBTOTS	MoCA Blind Total raw score — uncorrected	2	117 – 118	Num	0 – 22 88 = Item not administered	Blank if 1a MOCACOMP is No (0)	
1e	MOCADIGI	MoCA: Attention – Digits	2	120 – 121	Num	0 – 2 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1f	MOCALETT	MoCA: Attention – Letter A	2	123 – 124	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1g	MOCASER7	MoCA: Attention – Serial 7s	2	126 – 127	Num	0 – 3 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1h	MOCAREPE	MoCA: Language – Repetition	2	129 – 130	Num	0 – 2 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1i	MOC AFLUE	MoCA: Language – Fluency	2	132 – 133	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1j	MOC AABST	MoCA: Abstraction	2	135 – 136	Num	0 – 2 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1k	MOCARECN	MoCa: Delayed Recall – No Cue	2	138 – 139	Num	0 – 5 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1l	MOCARECC	MoCA: Delayed Recall – Category Cue	2	141 – 142	Num	0 – 5 88 = Not Applicable	Blank if 1a MOCACOMP is No (0)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1m	MOCARECR	MoCA: Delayed Recall – Recognition	2	144 – 145	Num	0 – 5 88 = Not applicable	Blank if 1a MOCACOMP is No (0)	
1n	MOCAORDT	MoCA: Orientation – Date	2	147 – 148	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1o	MOCAOR-MO	MoCA: Orientation – Month	2	150 – 151	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1p	MOCAORYR	MoCA: Orientation – Year	2	153 – 154	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1q	MOCAORDY	MoCA: Orientation – Day	2	156 – 157	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
1r	MOCAORPL	MoCA: Orientation – Place	2	159 – 160	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1s	MOCAORCT	MoCA: Orientation – City	2	162 – 163	Num	0 – 1 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 1a MOCACOMP is No (0)	
2a	NPSYLAN	Test following MoCA: Language of test administration	1	165 – 165	Num	1 = English 2 = Spanish 3 = Other		
2a1	NPSYLANX	Test following MoCA: Language of test administration – Other specify	60	167 – 226	Char	Any text or numbers with the exception of single quotes (‘), double quotes (“), ampersands (&), and percentage signs (%).	Blank if 1a MOCACOMP=0 or 1b MOCALAN=1 or 1b MOCALAN=2 Blank if 2a NPSYLAN=1 or 2a NPSYLAN=2	
3a	CRAFTVRS	Craft Story 21 Recall: Total story units recalled, verbatim scoring@ Skip to 4a if 95-98	2	228 – 229	Num	0 – 44 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 95-98 then skip to 4a
3b	CRAFTURS	Craft Story 21 Recall: Total story units recalled, paraphrase scoring	2	231 – 232	Num	0 – 25	Blank if 3a CRAFTVRS = 95 – 98	
4a	REY1REC	Rey Auditory Verbal Learning: Trial 1 total recall	2	234 – 235	Num	0 – 15 88 = optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 88, 95-98 then skip to Question 6a
4b	REY1INT	Rey Auditory Verbal Learning: Trial 1 intrusions	2	237 – 238	Num	0 – 99	Blank if 4a REY1REC is 88, 95-98	
4c	REY2REC	Rey Auditory Verbal Learning: Trial 2 total recall	2	240 – 241	Num	0 – 15	Blank if 4a REY1REC is 88, 95-98	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
4d	REY2INT	Rey Auditory Verbal Learning: Trial 2 intrusions	2	243 – 244	Num	0 – 99		Blank if 4a REY1REC is 88, 95-98
4e	REY3REC	Rey Auditory Verbal Learning: Trial 3 total recall	2	246 – 247	Num	0 – 15		Blank if 4a REY1REC is 88, 95-98
4f	REY3INT	Rey Auditory Verbal Learning: Trial 3 intrusions	2	249 – 250	Num	0 – 99		Blank if 4a REY1REC is 88, 95-98
4g	REY4REC	Rey Auditory Verbal Learning: Trial 4 total recall	2	252 – 253	Num	0 – 15		Blank if 4a REY1REC is 88, 95-98
4h	REY4INT	Rey Auditory Verbal Learning: Trial 4 intrusions	2	255 – 256	Num	0 – 99		Blank if 4a REY1REC is 88, 95-98
4i	REY5REC	Rey Auditory Verbal Learning: Trial 5 total recall	2	258 – 259	Num	0 – 15		Blank if 4a REY1REC is 88, 95-98
4j	REY5INT	Rey Auditory Verbal Learning: Trial 5 intrusions	2	261 – 262	Num	0 – 99		Blank if 4a REY1REC is 88, 95-98
4k	REY6REC	Rey Auditory Verbal Learning: Trial 6 total recall	2	264 – 265	Num	0 – 15		Blank if 4a REY1REC 88, 95-98
4l	REY6INT	Rey Auditory Verbal Learning: Trial 6 intrusions	2	267 – 268	Num	0 – 99		Blank if 4a REY1REC 88, 95-98
5a	DIGFORCT	Number Span Test: Forward – Number of correct trials	2	270 – 271	Num	0 – 14 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 95-98 then skip to 6a
5b	DIGFORSL	Number Span Test: Forward – Longest span forward	2	273 – 274	Num	0, 3 – 9		Blank if 5a DIGFORCT = 95 – 98

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6a	DIGBACCT	Number Span Test: Backward – Number of correct trials	2	276 – 277	Num	0 – 14 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 95-98 then skip to 6a
6b	DIGBACLS	Number Span Test: Backward – Longest span backward	2	279 – 280	Num	0, 2 – 8	Blank if 6a DIGBACCT = 95 – 98	
7a	OTRAILA	Oral Trail Making Test – Part A: Total number of seconds to complete	3	282 – 284	Num	0 – 100 888 = optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal		If 888, 995 – 998, skip to 7b
7a1	OTRLARR	Oral Trail Making Test – Part A: Number of commission errors	2	286 – 287	Num	0 – 99	Blank if 7a OTRAILA is 888, 995 – 998	
7a2	OTRLALI	Oral Trail Making Test – Part A: Number of correct lines	2	289 – 290	Num	0 – 25	Blank if 7a OTRAILA is 888, 995 – 998	
7b	OTRAILB	Oral Trail Making Test Part B: Total number of seconds to complete	3	292 – 294	Num	0 – 300 888 = optional 995 = Physical problem 996 = Cognitive/behavior problem 997 = Other problem 998 = Verbal refusal		If 888, 995-998 skip to 8a
7b1	OTRLBRR	Oral Trail Making Test Part B: Number of commission errors	2	296 – 297	Num	0 – 99	Blank if 7b OTRAILB is 888, 995 – 998	
7b2	OTRLBLI	Oral Trail Making Test Part B: Number of correct lines	2	299 – 300	Num	0 – 25	Blank if 7b OTRAILB is 888, 995 – 998	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
8a	CRAFTDVR	Craft Story 21 Recall (Delayed): Total story units recalled, verbatim scoring; Skip to 9a if 95 – 98	2	302 – 303	Num	0 – 44 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 95 – 98, then skip to 9a
8b	CRAFTDRE	Craft Story 21 Recall (Delayed): Total story units recalled, paraphrase scoring	2	305 – 306	Num	0 – 25	Blank if 8a CRAFTDVR is 95 – 98	
8c	CRAFTDTI	Craft Story 21 Recall (Delayed): Delay time	2	308 – 309	Num	0 – 85 99 = Unknown	Blank if 8a CRAFTDVR is 95 – 98	
8d	CRAFTCUE	Craft Story 21 Recall (Delayed): Cue (boy) needed	1	311 – 311	Num	0 = No 1 = Yes	Blank if 8a CRAFTDVR is 95 – 98	
9a	ANIMALS	Category Fluency – Animals: Total number of animals named in 60 seconds	2	313 – 314	Num	0 – 77 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		
9b	VEG	Category Fluency – Vegetables: Total number of vegetables named in 60 seconds	2	316 – 317	Num	0 – 77 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		
10a	UDSVERFC	Verbal Fluency: Phonemic Test – Number of correct F-words generated in 1 minute	2	319 – 320	Num	0 – 40 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 95 – 98, skip to Question10d

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
10b	UDSVERFN	Verbal Fluency: Phonemic Test – Number of correct F-words repeated in 1 minute	2	322 – 323	Num	0 – 15	Blank if 10a UDSVERFC is 95 – 98	
10c	UDSVERN	Verbal Fluency: Phonemic Test – Number of non-F-words and rule violation errors@ in 1 minute	2	325 – 326	Num	0 – 15	Blank if 10a UDSVERFC is 95 – 98	
10d	UDSVERLC	Verbal Fluency: Phonemic Test – Number of correct L-words generated in 1 minute	2	328 – 329	Num	0 – 40 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	Blank if 10a UDSVERFC is 95 – 98	If 95-98 skip to Question 11a
10e	UDSVERLR	Verbal Fluency: Phonemic Test – Number of correct L-words repeated in 1 minute	2	331 – 332	Num	0 – 15	Blank if 10d UDSVERLC is 95 – 98	
10f	UDSVERLN	Verbal Fluency: Phonemic Test – Number of non-L-words and rule violation errors in 1 minute	2	334 – 335	Num	0 – 15	Blank if 10d UDSVERLC is 95 – 98	
10g	UDSVERTN	Verbal Fluency: Phonemic Test – Total number of correct F-words and L-words	2	337 – 338	Num	0 – 80	Blank if 10d UDSVERLC is 95 – 98	
10h	UDSVERTE	Verbal Fluency: Phonemic Test – Total number of F-word and L-words repetition errors	2	340 – 341	Num	0 – 30	Blank if 10d UDSVERLC is 95 – 98	
10i	UDSVERTI	Verbal Fluency: Phonemic Test – Number of non-F/L-words and rule violation errors	2	343 – 344	Num	0 – 30	Blank if 10d UDSVERLC is 95 – 98	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
11a	REYDREC	Rey Auditory Verbal Learning: total delayed recall	2	346 – 347	Num	0 – 15 88 = optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 88, 95-98, then skip to 12a
11b	REYDINT	Rey Auditory Verbal Learning: delayed intrusions	2	349 – 350	Num	0 – 99	Blank if 11a REYDREC is 88, 95-98	
11c	REYTCOR	Rey Auditory Verbal Learning: recognition total correct	2	352 – 353	Num	0 – 15	Blank if 11a REYDREC is 88, 95-98	
11d	REYFPOS	Rey Auditory Verbal Learning: recognition total false positives	2	355 – 356	Num	0 – 15	Blank if 11a REYDREC is 88, 95-98	
12a	VNTTOTW	Verbal naming test: total correct without a cue	2	358 – 359	Num	0 – 50 88 = optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 88, 95-98 then skip to 12b
12b	VNTPCNC	Verbal naming test: total correct with a phonemic cue	2	361 – 362	Num	0 – 50 88 = optional 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal		If 88, 95-98 then skip to 13a

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
13a	COGSTAT	Overall appraisal: Per the clinician, based on the UDS neuropsychological examination, the subject's cognitive status is deemed	1	364 – 364	Num	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 0 = Clinician unable to render opinion		
14a	RESPVAL	How valid do you think the participant's responses are?	1	366 – 366	Num	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		If 1, then end form here.
14b1	RESPHEAR	What makes this participant's responses less valid? Hearing impairment	1	368 – 368	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b2	RESPDIST	What makes this participant's responses less valid? Distractions	1	370 – 370	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b3	RESPINTR	What makes this participant's responses less valid? Interruptions	1	372 – 372	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b4	RESPDISN	What makes this participant's responses less valid? Lack of effort or disinterest	1	374 – 374	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b5	RESPFATG	What makes this participant's responses less valid? Fatigue	1	376 – 376	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
14b6	RESPEMOT	What makes this participant's responses less valid? Emotional issues	1	378 – 378	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b7	RESPASST	What makes this participant's responses less valid? Unapproved assistance	1	380 – 380	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b8	RESPOTH	What makes this participant's responses less valid? Other (specify)	1	382 – 382	Num	0 = No 1 = Yes	Blank if 14a RESPVAL = 1	
14b9	RESPOTHX	What makes this participant's responses less valid? Other reason	60	384 – 443	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if 14a RESPVAL = 1 or RESPOTH ≠ 1	
Form D1 Clinician Diagnosis								
1	DXMETHOD	Diagnosis method – Responses in this form are based on diagnosis by:	1	45 – 45	Num	1 = A single clinician 2 = A formal consensus panel 3 = Other (two or more clinicians or informal group)		
2	NORMCOG	Does the subject have normal cognition (global CDR=0 and/or neuropsychological testing withing normal range) and normal behavior?	1	47 – 47	Num	0 = No 1 = Yes		If 1 (Yes), then skip to Question 6
3	DEMENTED	Does the subject meet criteria for dementia?	1	49 – 49	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1(Yes)	If 0 (No) then skip to Question 5
4a	AMNDEM	Amnestic multidomain dementia syndrome	1	51 – 51	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	
4b	PCA	Posterior cortical atrophy syndrome (or primary visual presentation)	1	53 – 53	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
4c	PPASYN	Primary progressive aphasia (PPA) syndrome	1	55 – 55	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	
4c1	PPASYNT	If PPA present	1	57 – 57	Num	1 = Meets criteria for semantic PPA 2 = Meets criteria for logopenic PPA 3 = Meets criteria for nonfluent/agrammatic PPA 4 = PPA other/not otherwise specified	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No) or #4c, PPASYN ≠ 1	
4d	FTDSYN	Behavioral variant FTD (bvFTD) syndrome	1	59 – 59	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	
4e	LBDSYN	Lewy body dementia syndrome	1	61 – 61	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	
4f	NAMNDEM	Non-amnestic multidomain dementia, not PCA, PPA, bvFTD, or DLB@ syndrome	1	63 – 63	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 0 (No)	
5a	MCIAMEM	Amnestic MCI, single domain (aMCI SD)	1	65 – 65	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 1 (Yes)	
5b	MCIAPLUS	Amnestic MCI, multiple domains (aMCI MD)	1	67 – 67	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes) or #3, DEMENTED, = 1 (Yes)	
5b1	MCIAPLAN	Amnestic MCI, multiple domains – language	1	69 – 69	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5b, MCIAPLUS	
5b2	MCIAPATT	Amnestic MCI, multiple domains – Attention	1	71 – 71	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5b, MCIAPLUS	
5b3	MCIAPEX	Amnestic MCI, multiple domains – Executive	1	73 – 73	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5b, MCIAPLUS	
5b4	MCIAPVIS	Amnestic MCI, multiple domains – Visuospatial	1	75 – 75	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5b, MCIAPLUS	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
5c	MCINON1	Non-amnestic MCI, single domain (naMCI SD)	1	77 – 77	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes),	
5c1	MCIN1LAN	Non-Amnestic MCI-single domain – Language	1	79 – 79	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5c, MCINON1 ne	
5c2	MCIN1ATT	Non-Amnestic MCI-single domain – Attention	1	81 – 81	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5c, MCINON1 ne	
5c3	MCIN1EX	Non-Amnestic MCI-single domain – Executive	1	83 – 83	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5c, MCINON1 ne	
5c4	MCIN1VIS	Non-Amnestic MCI-single domain – Visuospatial	1	85 – 85	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5c, MCINON1 ne	
5d	MCINON2	Non-Amnestic MCI-multiple domains (naMCI MD)	1	87 – 87	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes),	
5d1	MCIN2LAN	Non-Amnestic MCI-multiple domains – Language	1	89 – 89	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5d, MCINON2 ne	
5d2	MCIN2ATT	Non-Amnestic MCI-multiple domains – Attention	1	91 – 91	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5d, MCINON2 ne	
5d3	MCIN2EX	Non-Amnestic MCI-multiple domains – Executive	1	93 – 93	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5d, MCINON2 ne	
5d4	MCIN2VIS	Non-Amnestic MCI-multiple domains – Visuospatial	1	95 – 95	Num	0 = No 1 = Yes	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes), or #5d, MCINON2 ne	
5e	IMPNO MCI	Cognitively impaired, not MCI	1	97 – 97	Num	0 = Absent 1 = Present	Blank if #2, NORMCOG, = 1 (Yes), or #3, DEMENTED, = 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6a	AMYPET	Biomarker findings – Abnormally elevated amyloid on PET	1	99 – 99	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6b	AMYLCSF	Biomarker findings – Abnormally low amyloid in CSF	1	101 – 101	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6c	FDGAD	Biomarker findings – FDG-PET pattern of AD	1	103 – 103	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6d	HIPPATR	Biomarker findings – Hippocampal atrophy	1	105 – 105	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6e	TAUPETAD	Biomarker findings – Tau PET evidence for AD	1	107 – 107	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6f	CSFTAU	Biomarker findings – Abnormally elevated CSF tau or ptau	1	109 – 109	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6g	FDGFTLD	Biomarker findings – FDG-PET evidence for frontal or anterior temporal hypometabolism for FTLD	1	111 – 111	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6h	TPETFTLD	Biomarker findings – Tau PET evidence for FTLD	1	113 – 113	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6i	MRFTLD	Biomarker findings – Structural MR evidence for frontal or anterior temporal atrophy for FTLD	1	115 – 115	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
6j	DATSCAN	Biomarker findings – Dopamine transporter scan (DATscan) evidence for Lewy body disease	1	117 – 117	Num	0 = No 1 = Yes 8 = Unknown/not assessed		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
6k	OTHBIOM	Biomarker findings – Other	1	119 – 119	Num	0 = No 1 = Yes		
6k1	OTHBIOMX	Biomarker findings – Other (SPECIFY)	60	121 – 180	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #6k, OTHBIOM = 0 (No)	
7a	IMAGLINF	Imaging findings – Large vessel infarct(s)	1	182 – 182	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
7b	IMAGLAC	Imaging findings – Lacunar infarct(s)	1	184 – 184	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
7c	IMAGMACH	Imaging findings – Macrohemorrhage(s)	1	186 – 186	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
7d	IMAGMICH	Imaging findings – Microhemorrhage(s)	1	188 – 188	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
7e	IMAGM-WMH	Imaging findings – Moderate white-matter hyperintensity (CHS score 5-6)	1	190 – 190	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
7f	IMAGEWMH	Imaging findings – Extensive white-matter hyperintensity (CHS score 7-8)	1	192 – 192	Num	0 = No 1 = Yes 8 = Unknown/not assessed		
8	ADMUT	Does the subject have a dominantly inherited AD mutation (PSEN1, PSEN2, APP)?	1	194 – 194	Num	0 = No 1 = Yes 9 = Unknown/not assessed		
9	FTLDMUT	Does the subject have a hereditary FTLD mutation (e.g., GRN, VCP, TARBP, FUS, C9orf72, CHMP2B, MAPT)?	1	196 – 196	Num	0 = No 1 = Yes 9 = Unknown/not assessed		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
10	OTHMUT	Does the subject have a hereditary mutation other than an AD or FTL mutation?	1	198 – 198	Num	0 = No 1 = Yes 9 = Unknown/not assessed		
10a	OTHMUTX	If yes, specify	60	200 – 259	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #10, OTHMUT = 0 (No) or 9 (Unknown)	
11	ALZDIS	Alzheimer's disease	1	261 – 261	Num	0 = Absent 1 = Present		
11a	ALZDISIF	Alzheimer's disease, primary or contributing	1	263 – 263	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #11, ALZDIS ≠ 1 or if #2, NORMCOG = 1	
12	LBDIS	Lewy body disease	1	265 – 265	Num	0 = Absent 1 = Present		
12a	LBDIF	Lewy body disease, primary or contributing	1	267 – 267	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #12, LBDIS ≠ 1 or if #2, NORMCOG = 1	
12b	PARK	Parkinson's disease	1	269 – 269	Num	0 = Absent 1 = Present	Blank if #12, LBDIS ≠ 1	
13	MSA	Multiple system atrophy	1	271 – 271	Num	0 = Absent 1 = Present		
13a	MSAIF	Multiple system atrophy, primary or contributing	1	273 – 273	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #13, MSA ≠ 1 or if #2, NORMCOG = 1	
14a	PSP	Progressive supranuclear palsy (PSP)	1	275 – 275	Num	0 = Absent 1 = Present		
14a1	PSPIF	Progressive supranuclear palsy (PSP), primary or contributing	1	277 – 277	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #14a, PSP ≠ 1 or if #2, NORMCOG = 1	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
14b	CORT	Corticobasal degeneration (CBD)	1	279 – 279	Num	0 = Absent 1 = Present		
14b1	CORTIF	Corticobasal degeneration (CBD), primary or contributing	1	281 – 281	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #14b, CORT ≠ 1 or if #2, NORMCOG = 1	
14c	FTLDMO	FTLD with motor neuron disease	1	283 – 283	Num	0 = Absent 1 = Present		
14c1	FTLDMOIF	FTLD with motor neuron disease, primary or contributing	1	285 – 285	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #14c, FTLDMO ≠ 1 or if #2, NORMCOG = 1	
14d	FTLDNOS	FTLD NOS	1	287 – 287	Num	0 = Absent 1 = Present		
14d1	FTLDNOIF	FTLD NOS, primary or contributing	1	289 – 289	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #14d, FTLDNOS ≠ 1 or if #2, NORMCOG = 1	
14e	FTLDSUBT	If FTLD (Questions 14a – 14d) are Present, specify FTLD subtype	1	291 – 291	Num	1 = Tauopathy 2 = TDP-43 proteinopathy 3 = Other 9 = Unknown	Blank if #14a, PSP ≠ 1 and #14b, CORT ≠ 1 and #14c, FTLDMO ≠ 1 and 14d,	
14e1	FTLDSUBX	Other FTLD, specify	60	293 – 352	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #14e, FTLDSUBT ≠ 3	
15	CVD	Vascular brain injury (based on clinical and imaging evidence)	1	354 – 354	Num	0 = Absent 1 = Present		If Question 15 CVD=0 (No), then skip to Question 16
15a	CVDIF	Vascular brain injury, primary or contributing	1	356 – 356	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #15 CVD ≠ 1 (Yes) or if # 2 NORMCOG = 1	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
15b	PREVSTK	Previous symptomatic stroke?	1	358 – 358	Num	0 = No 1 = Yes	Blank if #15 CVD ≠ 1 (Yes)	If 0 (No), then skip to Question 15c
15b1	STROKDEC	Temporal relationship between stroke and cognitive decline?	1	360 – 360	Num	0 = No 1 = Yes	Blank if #15 CVD ≠ 1 (Yes) or if #15b PREVSTK ≠ 1	
15b2	STKIMAG	Confirmation of stroke by neuroimaging?	1	362 – 362	Num	0 = No 1 = Yes 9 = Unknown, no relevant imaging data available	Blank if #15 CVD ≠ 1 (Yes) or if #15b PREVSTK ≠ 1	
15c	INFNETW	Is there imaging evidence of cystic infarction in cognitive network(s)?	1	364 – 364	Num	0 = No 1 = Yes 9 = Unknown, no relevant imaging data available	Blank if #15 CVD ≠ 1 (Yes)	
15d	INFWMH	Is there imaging evidence of cystic infarction,@ imaging evidence of extensive WMH (CHS grade 7-8),@ and impairment in executive function?	1	366 – 366	Num	0 = No 1 = Yes 9 = Unknown, no relevant imaging data available	Blank if #15 CVD ≠ 1 (Yes)	
16	ESSTREM	Essential tremor	1	368 – 368	Num	0 = Absent 1 = Present		
16a	ESSTREIF	Essential tremor, primary or contributing	1	370 – 370	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #16, ESSTREM ≠ 1, or if NORMCOG = 1 (Yes)	
17	DOWNNS	Down syndrome	1	372 – 372	Num	0 = Absent 1 = Present		
17a	DOWNNSIF	Down syndrome, primary or contributing	1	374 – 374	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #17, DOWNNS ≠ 1, or if NORMCOG = 1 (Yes)	
18	HUNT	Huntington's disease	1	376 – 376	Num	0 = Absent 1 = Present		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
18a	HUNTIF	Huntington's disease, primary or contributing	1	378 – 378	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #18, HUNT ≠ 1, or if NORMCOG = 1 (Yes)	
19	PRION	Prion disease (CJD, other)	1	380 – 380	Num	0 = Absent 1 = Present		
19a	PRIONIF	Prion disease (CJD, other), primary or contributing	1	382 – 382	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #19, PRION ≠ 1, or if NORMCOG = 1 (Yes)	
20	BRNINJ	Traumatic brain injury	1	384 – 384	Num	0 = Absent 1 = Present		
20a	BRNINJIF	Traumatic brain injury, primary or contributing	1	386 – 386	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #20, BRNINJ ≠ 1, or if NORMCOG = 1 (Yes)	
20b	BRNINCTE	If Present, does the subject have symptoms consistent with chronic traumatic encephalopathy?	1	388 – 388	Num	0 = No 1 = Yes 9 = Unknown	Blank if #20, BRNINJ ≠ 1	
21	HYCEPH	Normal-pressure hydrocephalus	1	390 – 390	Num	0 = Absent 1 = Present		
21a	HYCEPHIF	Normal-pressure hydrocephalus, primary or contributing	1	392 – 392	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #21, NPHYDR ≠ 1, or if NORMCOG = 1 (Yes)	
22	EPILEP	Epilepsy	1	394 – 394	Num	0 = Absent 1 = Present		
22a	EPILEPIF	Epilepsy, primary or contributing	1	396 – 396	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #22, EPILEP ≠ 1, or if NORMCOG = 1 (Yes)	
23	NEOP	CNS neoplasm	1	398 – 398	Num	0 = Absent 1 = Present		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
23a	NEOIF	CNS neoplasm, primary or contributing	1	400 – 400	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #23, NEOP ≠ 1, or if NORMCOG = 1 (Yes)	
23b	NEOPSTAT	CNS neoplasm, Benign or Malignant?	1	402 – 402	Num	1 = Benign 2 = Malignant	Blank if #23, NEOP ≠ 1	
24	HIV	Human immunodeficiency virus (HIV)	1	404 – 404	Num	0 = Absent 1 = Present		
24a	HIVIF	Human immunodeficiency virus (HIV), primary or contributing	1	406 – 406	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #24, HIV ≠ 1, or if NORMCOG = 1 (Yes)	
25	OTHCOG	Cognitive impairment due to other neurologic, genetic, or infectious conditions@ not listed above	1	408 – 408	Num	0 = Absent 1 = Present		
25a	OTHCOGIF	Cognitive impairment due to other neurologic, genetic, or infectious conditions not listed above, primary or contributing	1	410 – 410	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #25, OTHCOG ≠ 1, or if NORMCOG = 1 (Yes)	
25b	OTHCOGX	Cognitive impairment due to other neurologic, genetic, or infectious conditions not listed above, If Present, specify:	60	412 – 471	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #25, OTHCOG ≠ 1	
26	DEP	Active depression	1	473 – 473	Num	0 = Absent 1 = Present		
26a	DEPIF	Active depression, primary or contributing	1	475 – 475	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #26, DEP ≠ 1, or if NORMCOG = 1 (Yes)	
26b	DEPTREAT	If Present, select one:	1	477 – 477	Num	0 = Untreated 1 = Treated w/meds and/or counseling	Blank if #26, DEP ≠ 1	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
27	BIPOLDX	Bipolar disorder	1	479 – 479	Num	0 = Absent 1 = Present		
27a	BIPOLDIF	Bipolar disorder, primary or contributing	1	481 – 481	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #27, BIPOLDX ≠ 1, or if NORMCOG = 1 (Yes)	
28	SCHIZOP	Schizophrenia or other psychosis	1	483 – 483	Num	0 = Absent 1 = Present		
28a	SCHIZOIF	Schizophrenia or other psychosis, primary or contributing	1	485 – 485	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #28, SCHIZOP ≠ 1, or if NORMCOG = 1 (Yes)	
29	ANXIET	Anxiety disorder	1	487 – 487	Num	0 = Absent 1 = Present		
29a	ANXIETIF	Anxiety disorder, primary or contributing	1	489 – 489	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #29, ANXIET ≠ 1, or if NORMCOG = 1 (Yes)	
30	DELIR	Delirium	1	491 – 491	Num	0 = Absent 1 = Present		
30a	DELIRIF	Delirium present, primary or contributing	1	493 – 493	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #30, DELIR ≠ 1, or if NORMCOG = 1 (Yes)	
31	PTSDDX	Post-traumatic stress disorder (PTSD)	1	495 – 495	Num	0 = Absent 1 = Present		
31a	PTSDDXIF	Post-traumatic stress disorder (PTSD), primary or contributing	1	497 – 497	Num		Blank if #31, PTSDDX ≠ 1, or if NORMCOG = 1 (Yes)	
32	OTHPSY	Other psychiatric disease	1	499 – 499	Num	0 = Absent 1 = Present		
32a	OTHPSYIF	Other psychiatric disease, primary or contributing	1	501 – 501	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #32, OTHPSY ≠ 1, or if NORMCOG = 1 (Yes)	

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
32b	OTHPSYX	Other psychiatric disease, If Present, specify:	60	503 – 562	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #32, OTHPSY ≠ 1	
33	ALCDEM	Cognitive impairment due to alcohol abuse	1	564 – 564	Num	0 = Absent 1 = Present		
33a	ALCDEMIF	Cognitive impairment due to alcohol abuse, primary or contributing	1	566 – 566	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #33, ALCDEM ≠ 1, or if NORMCOG = 1 (Yes)	
33b	ALCABUSE	Current alcohol abuse:	1	568 – 568	Num	0 = No 1 = Yes 9 = Unknown	Blank if #33, ALCDEM ≠ 1	
34	IMPSUB	Cognitive impairment due to other substance abuse	1	570 – 570	Num	0 = Absent 1 = Present		
34a	IMPSUBIF	Cognitive impairment due to other substance abuse, primary or contributing	1	572 – 572	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #34, IMPSUB ≠ 1, or if NORMCOG = 1 (Yes)	
35	DYSILL	Cognitive impairment due to systemic disease/medical illness	1	574 – 574	Num	0 = Absent 1 = Present		
35a	DYSILLIF	Cognitive impairment due to systemic disease/medical illness, primary or contributing	1	576 – 576	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #35, DYSILL ≠ 1, or if NORMCOG = 1 (Yes)	
36	MEDS	Cognitive impairment due to medications	1	578 – 578	Num	0 = Absent 1 = Present		
36a	MEDSIF	Cognitive impairment due to medications,@ primary or contributing	1	580 – 580	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #36, MEDS ≠ 1, or if NORMCOG = 1 (Yes)	
37	COGOTH	Cognitive impairment NOS	1	582 – 582	Num	0 = Absent 1 = Present		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
37a	COGOTHIF	Cognitive impairment NOS, primary or contributing	1	584 – 584	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #37, COGOTH ≠ 1, or if NORMCOG = 1 (Yes)	
37b	COGOTHX	Cognitive impairment NOS, If Present, specify:	60	586 – 645	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #37, COGOTH ≠ 1	
38	COGOTH2	Cognitive impairment NOS	1	647 – 647	Num	0 = Absent 1 = Present		
38a	COGOTH2F	Cognitive impairment NOS, primary or contributing	1	649 – 649	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #38, COGOTH2 ≠ 1, or if NORMCOG = 1 (Yes)	
38b	COGOTH2X	Cognitive impairment NOS, If Present, specify:	60	651 – 710	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #38, COGOTH2 ≠ 1	
39	COGOTH3	Cognitive impairment NOS	1	712 – 712	Num	0 = Absent 1 = Present		
39a	COGOTH3F	Cognitive impairment NOS, primary or contributing	1	714 – 714	Num	1 = Primary 2 = Contributing 3 = Non-contrib.	Blank if #39, COGOTH3 ≠ 1, or if NORMCOG = 1 (Yes)	
39b	COGOTH3X	Cognitive impairment NOS, If Present, specify:	60	716 – 775	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #39, COGOTH3 ≠ 1	
Form D2 Clinician-assessed Medical Conditions								
1	CANCER	Cancer (excluding non-melanoma skin cancer), primary or metastatic	1	45 – 45	Num	0 = No 1 = Yes, primary/non-metastatic 2 = Yes, metastatic 8 = Not assessed		If No or Not Assessed then skip to Question 2

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
1a	CANCSITE	Cancer primary site specification	60	47 – 106	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #1CANCER = 0 (No) or 8 (Not assessed)	
2	DIABET	Diabetes	1	108 – 108	Num	0 = No 1 = Yes, Type I 2 = Yes, Type II 3 = Yes, other type 9 = Not assessed or unknown		
3	MYOINF	Myocardial infarct	1	110 – 110	Num	0 = No 1 = Yes 8 = Not assessed		
4	CONGHRT	Congestive heart failure	1	112 – 112	Num	0 = No 1 = Yes 8 = Not assessed		
5	AFIBRILL	Atrial fibrillation	1	114 – 114	Num	0 = No 1 = Yes 8 = Not assessed		
6	HYPERT	Hypertension	1	116 – 116	Num	0 = No 1 = Yes 8 = Not assessed		
7	ANGINA	Angina	1	118 – 118	Num	0 = No 1 = Yes 8 = Not assessed		
8	HYPCHOL	Hypercholesterolemia	1	120 – 120	Num	0 = No 1 = Yes 8 = Not assessed		
9	VB12DEF	B12 deficiency	1	122 – 122	Num	0 = No 1 = Yes 8 = Not assessed		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
10	THYDIS	Thyroid disease	1	124 – 124	Num	0 = No 1 = Yes 8 = Not assessed		
11	ARTH	Arthritis@ Arthritis	1	126 – 126	Num	0 = No 1 = Yes 8 = Not assessed		If No or Not Assessed then skip to Question 12
11a	ARTYPE	Arthritis type	1	128 – 128	Num	1 = Rheumatoid 2 = Osteoarthritis 3 = Other (specify) 9 = Unknown	Blank if #11ARTH = 0 (No) or 8 (Not assessed)	
11a1	ARTYPEX	Other Arthritis type specification	60	130 – 189	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #11aARTYPE ≠ 3 (Other)	
11b1	ARTUPEX	Arthritis region affected – Upper extremity	1	191 – 191	Num	0 = No 1 = Yes	Blank if #11ARTH = 0 (No) or 8 (Not assessed)	
11b2	ARTLOEX	Arthritis region affected – Lower extremity	1	193 – 193	Num	0 = No 1 = Yes	Blank if #11ARTH = 0 (No) or 8 (Not assessed)	
11b3	ARTSPIN	Arthritis region affected – Spine	1	195 – 195	Num	0 = No 1 = Yes	Blank if #11ARTH = 0 (No) or 8 (Not assessed)	
11b4	ARTUNKN	Arthritis region affected – Unknown	1	197 – 197	Num	0 = No 1 = Yes	Blank if #11ARTH = 0 (No) or 8 (Not assessed)	
12	URINEINC	Incontinence – urinary	1	199 – 199	Num	0 = No 1 = Yes 8 = Not assessed		
13	BOWLINC	Incontinence – bowel	1	201 – 201	Num	0 = No 1 = Yes 8 = Not assessed		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
14	SLEEPAP	Sleep apnea	1	203 – 203	Num	0 = No 1 = Yes 8 = Not assessed		
15	REMDIS	REM sleep behavior disorder (RBD)	1	205 – 205	Num	0 = No 1 = Yes 8 = Not assessed		
16	HYPOSOM	Hyposomnia/insomnia	1	207 – 207	Num	0 = No 1 = Yes 8 = Not assessed		
17	SLEEPOTH	Other sleep disorder	1	209 – 209	Num	0 = No 1 = Yes 8 = Not assessed		
17a	SLEEPOTX	Other sleep disorder specification	60	211 – 270	Char	Any text or numbers with the exception of single quotes (‘), double quotes (“), ampersands (&), and percentage signs (%).	Blank if #17SLEEPOTH ≠ 1 (Yes)	
18	ANGIOCP	Carotid procedure: angioplasty, endarterectomy, or stent	1	272 – 272	Num	0 = No 1 = Yes 8 = Not assessed		
19	ANGIOPCI	Percutaneous coronary intervention: angioplasty and/or stent	1	274 – 274	Num	0 = No 1 = Yes 8 = Not assessed		
20	PACEMAKE	Procedure: pacemaker and/or defibrillator	1	276 – 276	Num	0 = No 1 = Yes 8 = Not assessed		
21	HVALVE	Procedure: heart valve replacement or repair	1	278 – 278	Num	0 = No 1 = Yes 8 = Not assessed		
22	ANTIENC	Antibody-mediated encephalopathy	1	280 – 280	Num	0 = No 1 = Yes 8 = Not assessed		

Q #	Data element	UDS question	Length of field	Column positions	Data type	Allowable codes	Blanks	Skips
22a	ANTIENCX	Antibody-mediated encephalopathy, specify	60	282 – 341	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #22ANTIENC ≠ 1 (Yes)	
23	OTHCOND	Other medical conditions or procedures not listed above	1	343 – 343	Num	0 = No 1 = Yes		
23a	OTHCONDX	Other medical conditions specification	60	345 – 404	Char	Any text or numbers with the exception of single quotes ('), double quotes ("), ampersands (&), and percentage signs (%).	Blank if #23OTHCOND ≠ 1 (Yes)	

