



NACC UNIFORM DATA SET

LBD MODULE v3.1 — SHORT VERSION

Data Element Dictionary

For Follow-up Visit Packet

UDS v3, March 2015

LBD Module v3.1, February 2020

Copyright© 2020 University of Washington. Created and published by the ADC LBD Work Group (James Galvin, MD, PhD, Chair) and the National Alzheimer's Coordinating Center (Walter A. Kukull, PhD, Director). All rights reserved.

This publication was funded by the National Institutes of Health through the National Institute on Aging (Cooperative Agreement U01 AG016976).

GLOSSARY OF TERMS

Variable number	Indicates order of appearance on the LBD Module form
Variable name	For non-fixed-format files, variable name must match exactly
Version	3.1
LBD question	The question as it appears on the LBD Module 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 Numal or Char
Allowable codes	List of codes with mapping instructions
Blanks and skips	Instructions for skip patterns
Comments	Other instructions as needed

Form Header

Q #	Data element name	UDS Ver	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OA	PACKET	3	Packet code	2	1 – 2	Char	FL = Follow-up Visit Packet, LBD Module	
OB	FORMID	3	Form ID	3	4 – 6	Char	B1L – B7L, B9L C1L E1L – E3L D1L	
OC	FORMVER	3	Form version number	3	8 – 10	Num	See bottom of current form; use integer portion of version number.	Example: Version 3.1 is FORMVER = 3.1

Q #	Data element name	UDS Ver	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OD	ADCID	3	Center ID	2	12 – 13	Num	2 – 43; 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 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 32 = Stanford University 33 = Arizona ADC 35 = University of California, San Francisco 36 = Florida ADC 37 = University of Wisconsin 38 = University of Kansas 39 = Stanford University 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.

Q #	Data element name	UDS Ver	Description	Length of field	Column positions	Data type	Allowable codes	Comment
OE	PTID	3	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.
OF	VISITMO	3	Form date — month	2	26 – 27	Num	1 – 12	Visit date cannot precede June 1, 2017.
OG	VISITDAY	3	Form date — day	2	29 – 30	Num	1 – 31	Visit date cannot precede June 1, 2017.
OH	VISITYR	3	Form date — year	4	32 – 35	Num	2017 to the current year	Visit date cannot precede June 1, 2017.
OI	VISITNUM	3	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	3	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 name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B1L: Clinical Symptoms and Exam								
1	LBSSALIV	3.1	Does the participant dribble saliva during the day?	1	45 – 45	Num	0 = No 1 = Yes 9 = Unknown	
2	LBSSWALL	3.1	Does the participant have difficulty swallowing?	1	47 – 47	Num	0 = No 1 = Yes 9 = Unknown	
6	LBSSMELL	3.1	Does the participant report a change in the ability to taste or smell?	1	49 – 49	Num	0 = No 1 = Yes 9 = Unknown	
7	LBSSWEAT	3.1	Does the participant experience excessive sweating (not related to hot weather)?	1	51 – 51	Num	0 = No 1 = Yes 9 = Unknown	
11	LBSCONST	3.1	Does the participant have problems with constipation?	1	53 – 53	Num	0 = No 1 = Yes 9 = Unknown	
14	LBSUBLAD	3.1	Has the participant had the feeling that after passing urine, their bladder was not completely empty?	1	55 – 55	Num	0 = No 1 = Yes 9 = Unknown	
17	LBSDZSTU	3.1	Has the participant complained of feeling light-headed or dizzy when standing up?	1	57 – 57	Num	0 = No 1 = Yes 9 = Unknown	
18	LBSDZSTN	3.1	Has the participant become light-headed after standing for some time?	1	59 – 59	Num	0 = No 1 = Yes 9 = Unknown	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
19	LBSFAINT	3.1	Has the participant fainted?	1	61 – 61	Num	0 = No 1 = Yes 9 = Unknown		
21	LBSYAGE	3.1	At what age did the first predominant symptom appear?	3	63 – 65	Num	15 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		
25a	LBSSTNSY	3.1	Standing position systolic blood pressure	3	67 – 69	Num	50 – 240 888 = Not assessed		
25b	LBSITSY	3.1	Sitting position systolic blood pressure	3	71 – 73	Num	50 – 240 888 = Not assessed		
26a	LBSSTNDI	3.1	Standing position diastolic blood pressure	3	75 – 77	Num	20 – 150 888 = Not assessed		
26b	LBSITDI	3.1	Sitting position diastolic blood pressure	3	79 – 81	Num	20 – 150 888 = Not assessed		
27a	LBSSTNHT	3.1	Standing position heart rate	3	83 – 85	Num	33 – 180 888 = Not assessed		
27b	LBSITHR	3.1	Sitting position heart rate	3	87 – 89	Num	33 – 180 888 = Not assessed		
28	LBSAGERM	3.1	Age of onset of probable REM sleep behavior disorder	3	91 – 93	Num	15 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		
29	LBSAGESM	3.1	Age of onset of impaired smell	3	95 – 97	Num	15 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
30	LBSAGEGT	3.1	Age of onset of gait disorder	3	99 – 101	Num	9 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		
31	LBSAGEFL	3.1	Age of onset of falls	3	103 – 105	Num	9 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		
32	LBSAGETR	3.1	Age of onset of tremor	3	107 – 109	Num	9 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		
33	LBSAGEBR	3.1	Age of onset of bradykinesia	3	111 – 113	Num	9 – 110 777 = Provided at previous visit 888 = Not applicable 999 = Unknown		

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B2L: UPDRS Part II — Activities of Daily Living								
1	LBUDSPCH	3.1	Speech	1	45 – 45	Num	0 = Normal. 1 = Mildly affected. No difficulty being understood. 2 = Moderately affected. Sometimes asked to repeat statements. 3 = Severely affected. Frequently asked to repeat statements. 4 = Unintelligible most of the time. 8 = Not applicable. 9 = Unknown.	
2	LBUDSALV	3.1	Salivation	1	47 – 47	Num	0 = Normal. 1 = Slight but definite excess of saliva in mouth; may have night-time drooling. 2 = Moderately excessive saliva; may have minimal drooling. 3 = Marked excess of saliva with some drooling. 4 = Marked drooling, requires constant tissue or handkerchief. 8 = Not applicable. 9 = Unknown.	
3	LBUDSWAL	3.1	Swallowing	1	49 – 49	Num	0 = Normal. 1 = Rare choking. 2 = Occasional choking. 3 = Requires soft food. 4 = Requires NG tube or gastrostomy feeding. 8 = Not applicable. 9 = Unknown.	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
4	LBUWRITE	3.1	Handwriting	1	51 – 51	Num	0 = Normal. 1 = Slightly slow or small. 2 = Moderately slow or small; all words are legible. 3 = Severely affected; not all words are legible. 4 = The majority of words are not legible. 8 = Not applicable. 9 = Unknown.		
5	LBUDFOOD	3.1	Cutting food and handling utensils	1	53 – 53	Num	0 = Normal. 1 = Somewhat slow and clumsy, but no help needed. 2 = Can cut most foods, although clumsy and slow; some help needed. 3 = Food must be cut by someone, but can still feed slowly. 4 = Needs to be fed. 8 = Not applicable. 9 = Unknown.		
6	LBUDRESS	3.1	Dressing	1	55 – 55	Num	0 = Normal. 1 = Somewhat slow, but no help needed. 2 = Occasional assistance with buttoning, getting arms in sleeves. 3 = Considerable help required, but can do some things alone. 4 = Helpless. 8 = Not applicable. 9 = Unknown.		

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
7	LBUDHYGN	3.1	Hygiene	1	57 – 57	Num	0 = Normal. 1 = Somewhat slow, but no help needed. 2 = Needs help to shower or bathe; or very slow in hygienic care. 3 = Requires assistance for washing, brushing teeth, combing hair, going to bathroom. 4 = Foley catheter or other mechanical aids. 8 = Not applicable. 9 = Unknown.		
8	LBUDTURN	3.1	Turning in bed and adjusting bedclothes	1	59 – 59	Num	0 = Normal. 1 = Somewhat slow and clumsy, but no help needed. 2 = Can turn alone or adjust sheets, but with great difficulty. 3 = Can initiate, but not turn or adjust sheets alone. 4 = Helpless. 8 = Not applicable. 9 = Unknown.		
9	LBUDFALL	3.1	Falling (unrelated to freezing)	1	61 – 61	Num	0 = None. 1 = Rare falling. 2 = Occasionally falls, less than once per day. 3 = Fall an average of once daily. 4 = Falls more than once daily. 8 = Not applicable. 9 = Unknown.		

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
10	LBUDFRZ	3.1	Freezing when walking	1	63 – 63	Num	0 = None. 1 = Rare freezing when walking; may have start-hesitation. 2 = Occasional freezing when walking. 3 = Frequent freezing. Occasionally falls from freezing. 4 = Frequent falls from freezing. 8 = Not applicable. 9 = Unknown.		
11	LBUDWALK	3.1	Walking	1	65 – 65	Num	0 = Normal. 1 = Mild difficulty. May not swing arms or may tend to drag leg. 2 = Moderate difficulty, but requires little or no assistance. 3 = Severe disturbance of walking, requiring assistance. 4 = Cannot walk at all, even with assistance. 8 = Not applicable. 9 = Unknown.		
12	LBUDTREM	3.1	Tremor	1	67 – 67	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Moderate; bothersome to participant. 3 = Severe; interferes with many activities. 4 = Marked; interferes with most activities. 8 = Not applicable. 9 = Unknown.		

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
13	LBUSENS	3.1	Sensory complaints related to parkinsonism	1	69 – 69	Num	0 = None. 1 = Occasionally has numbness, tingling, or mild aching. 2 = Frequently has numbness, tingling, or aching; not distressing. 3 = Frequent painful sensations. 4 = Excruciating pain. 8 = Not applicable. 9 = Unknown.	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B3L: UPDRS Part III — Motor Examination								
1	LBUMSPCH	3.1	Speech	1	45 – 45	Num	0 = Normal. 1 = Slight loss of expression, diction, and/or volume. 2 = Monotone, slurred but understandable; moderately impaired. 3 = Marked impairment, difficult to understand. 4 = Unintelligible. 8 = Untestable.	
1a	LBUMSPCX	3.1	Reason	60	47 – 106	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 1 LBUM-SPCH ≠ 8 (Untestable)
2	LBUMFACE	3.1	Facial Expression	1	108 – 108	Num	0 = Normal. 1 = Minimal hypomimia, could be normal "poker face". 2 = Slight but definitely abnormal diminution of facial expression. 3 = Moderate hypomimia; lips parted some of the time. 4 = Masked or fixed facies with severe or complete loss of facial expression; lips parted 1/4 inch or more. 8 = Untestable.	
2a	LBUMFACX	3.1	Reason	60	110 – 169	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 2 LBUM-FACE ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3a	LBUMTRFA	3.1	Tremor at rest – face, lips, chin	1	171 – 171	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present. 3 = Moderate in amplitude and present most of the time. 4 = Marked in amplitude and present most of the time. 8 = Untestable.	
3a1	LBUTRFAX	3.1	Reason	60	173 – 232	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 3a LBUMTRFA ≠ 8 (Untestable)
3b	LBUMTRRH	3.1	Tremor at rest – right hand	1	234 – 234	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present. 3 = Moderate in amplitude and present most of the time. 4 = Marked in amplitude and present most of the time. 8 = Untestable.	
3b1	LBUTRRHX	3.1	Reason	60	236 – 295	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 3b LBUMTRRH ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3c	LBUMTRLH	3.1	Tremor at rest – left hand	1	297 – 297	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present. 3 = Moderate in amplitude and present most of the time. 4 = Marked in amplitude and present most of the time. 8 = Untestable.	
3c1	LBUTRLHX	3.1	Reason	60	299 – 358	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 3c LBUMTRLH ≠ 8 (Untestable)
3d	LBUMTRRF	3.1	Tremor at rest – right foot	1	360 – 360	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present. 3 = Moderate in amplitude and present most of the time. 4 = Marked in amplitude and present most of the time. 8 = Untestable.	
3d1	LBUTRRFX	3.1	Reason	60	362 – 421	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 3d LBUMTRRF ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3e	LBUMTRLF	3.1	Tremor at rest – left foot	1	423 – 423	Num	0 = Absent. 1 = Slight and infrequently present. 2 = Mild in amplitude and persistent. Or moderate in amplitude, but only intermittently present. 3 = Moderate in amplitude and present most of the time. 4 = Marked in amplitude and present most of the time. 8 = Untestable.	
3e1	LBUTRLFX	3.1	Reason	60	425 – 484	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 3e LBUMTRLF ≠ 8 (Untestable)
4a	LBUMATRH	3.1	Action or postural tremor of hands – right hand	1	486 – 486	Num	0 = Absent. 1 = Slight; present with action. 2 = Moderate in amplitude, present with action. 3 = Moderate in amplitude with posture holding as well as action. 4 = Marked in amplitude; interferes with feeding. 8 = Untestable.	
4a1	LBUATRHX	3.1	Reason	60	488 – 547	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 4a LBU-MATRH ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
4b	LBUMATLH	3.1	Action or postural tremor of hands – left hand	1	549 – 549	Num	0 = Absent. 1 = Slight; present with action. 2 = Moderate in amplitude, present with action. 3 = Moderate in amplitude with posture holding as well as action. 4 = Marked in amplitude; interferes with feeding. 8 = Untestable.	
4b1	LBUATLHX	3.1	Reason	60	551 – 610	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 4b LBU-MATLH ≠ 8 (Untestable)
5a	LBUMRGNK	3.1	Rigidity – neck	1	612 – 612	Num	0 = Absent. 1 = Slight or detectable only when activated by mirror or other movements. 2 = Mild to moderate. 3 = Marked, but full range of motion easily achieved. 4 = Severe, range of motion achieved with difficulty. 8 = Untestable.	
5a1	LBURGNKX	3.1	Reason	60	614 – 673	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 5a LBUM-RGNK ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
5b	LBUMGRU	3.1	Rigidity – right upper extremity	1	675 – 675	Num	0 = Absent. 1 = Slight or detectable only when activated by mirror or other movements. 2 = Mild to moderate. 3 = Marked, but full range of motion easily achieved. 4 = Severe, range of motion achieved with difficulty. 8 = Untestable.	
5b1	LBURGRUX	3.1	Reason	60	677 – 736	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 5b LBUMGRU ≠ 8 (Untestable)
5c	LBUMRGLU	3.1	Rigidity – left upper extremity	1	738 – 738	Num	0 = Absent. 1 = Slight or detectable only when activated by mirror or other movements. 2 = Mild to moderate. 3 = Marked, but full range of motion easily achieved. 4 = Severe, range of motion achieved with difficulty. 8 = Untestable.	
5c1	LBURGLUX	3.1	Reason	60	740 – 799	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 5c LBUMRGLU ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
5d	LBUMRGRL	3.1	Rigidity – right lower extremity	1	801 – 801	Num	0 = Absent. 1 = Slight or detectable only when activated by mirror or other movements. 2 = Mild to moderate. 3 = Marked, but full range of motion easily achieved. 4 = Severe, range of motion achieved with difficulty. 8 = Untestable.	
5d1	LBURGRLX	3.1	Reason	60	803 – 862	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 5d LBUMRGRL ≠ 8 (Untestable)
5e	LBUMRGLL	3.1	Rigidity – left lower extremity	1	864 – 864	Num	0 = Absent. 1 = Slight or detectable only when activated by mirror or other movements. 2 = Mild to moderate. 3 = Marked, but full range of motion easily achieved. 4 = Severe, range of motion achieved with difficulty. 8 = Untestable.	
5e1	LBURGRLX	3.1	Reason	60	866 – 925	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 5e LBUMRGLL ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
6a	LBUMFTRH	3.1	Finger taps – right hand	1	927 – 927	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
6a1	LBUFTRHX	3.1	Reason	60	929 – 988	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 6a LBUM-FTRH ≠ 8 (Untestable)
6b	LBUMFTLH	3.1	Finger taps – left hand	1	990 – 990	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
6b1	LBUFTLHX	3.1	Reason	60	992 – 1051	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 6b LBUM-FTLH ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
7a	LBUMHMRH	3.1	Hand movements – right hand	1	1053 – 1053	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
7a1	LBUHMRHX	3.1	Reason	60	1055 – 1114	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 7a LBUMHMRH ≠ 8 (Untestable)
7b	LBUMHMLH	3.1	Hand movements – left hand	1	1116 – 1116	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
7b1	LBUHMLHX	3.1	Reason	60	1118 – 1177	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 7b LBUMHMLH ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
8a	LBUMPSRH	3.1	Rapid alternating movement of hands – right hand	1	1179 – 1179	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
8a1	LBUPSRHX	3.1	Reason	60	1181 – 1240	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 8a LBUMPSRH ≠ 8 (Untestable)
8b	LBUMPSLH	3.1	Rapid alternating movement of hands – left hand	1	1242 – 1242	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
8b1	LBUPSLHX	3.1	Reason	60	1244 – 1303	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 8b LBUMPSLH ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
9a	LBUMLGRL	3.1	Leg agility – right leg	1	1305 – 1305	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
9a1	LBULGRLX	3.1	Reason	60	1307 – 1366	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 9a LBUM-LGRL ≠ 8 (Untestable)
9b	LBUMLGLL	3.1	Leg agility – left leg	1	1368 – 1368	Num	0 = Normal. 1 = Mild slowing and/or reduction in amplitude. 2 = Moderately impaired. Definite and early fatiguing. May have occasional arrests in movement. 3 = Severely impaired. Frequent hesitation in initiating movements or arrests in ongoing movement. 4 = Can barely perform the task. 8 = Untestable.	
9b1	LBULGLLX	3.1	Reason	60	1370 – 1429	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 9b LBUM-LGLL ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
10	LBUMRISE	3.1	Arising from chair	1	1431 – 1431	Num	0 = Normal. 1 = Slow; or may need more than one attempt. 2 = Pushes self up from arms of seat. 3 = Tends to fall back and may have to try more than one time, but can get up without help. 4 = Unable to arise without help. 8 = Untestable.	
10a	LBUMRISX	3.1	Reason	60	1433 – 1492	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 10 LBUMRISE ≠ 8 (Untestable)
11	LBUMPOST	3.1	Posture	1	1494 – 1494	Num	0 = Normal erect. 1 = Not quite erect, slightly stooped posture; could be normal for older person. 2 = Moderately stooped posture, definitely abnormal; can be slightly leaning to one side. 3 = Severely stooped posture with kyphosis; can be moderately leaning to one side. 4 = Marked flexion with extreme abnormality of posture. 8 = Untestable.	
11a	LBUMPOSX	3.1	Reason	60	1496 – 1555	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
12	LBUMGAIT	3.1	Gait	1	1557 – 1557	Num	0 = Normal. 1 = Walks slowly, may shuffle with short steps, but no festination or propulsion. 2 = Walks with difficulty, but requires little or no assistance; may have some festination, short steps, or propulsion. 3 = Severe disturbance of gait, requiring assistance. 4 = Cannot walk at all, even with assistance. 8 = Untestable.	
12a	LBUMGAIX	3.1	Reason	60	1559 – 1618	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 12 LBUMGAIT ≠ 8 (Untestable)
13	LBUPSTBL	3.1	Postural stability	1	1620 – 1620	Num	0 = Normal. 1 = Retropulsion, but recovers unaided. 2 = Absence of postural response; would fall if not caught by examiner. 3 = Very unstable, tends to lose balance spontaneously. 4 = Unable to stand without assistance. 8 = Untestable.	
13a	LBUPSTBX	3.1	Reason	60	1622 – 1681	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 13 LBUPSTBL ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
14	LBUMBRAD	3.1	Body bradykinesia and hypokinesia	1	1683 – 1683	Num	<p>0 = None.</p> <p>1 = Minimal slowness, giving movement a deliberate Char; could be normal for some persons. Possibly reduced amplitude.</p> <p>2 = Mild degree of slowness and poverty of movement which is definitely abnormal. Alternatively, some reduced amplitude.</p> <p>3 = Moderate slowness, poverty, or small amplitude of movement.</p> <p>4 = Marked slowness, poverty, or small amplitude of movement.</p> <p>8 = Untestable.</p>	
14a	LBUMBRAX	3.1	Reason	60	1685 – 1744	Char	Any text or numerals with the exception of single quotes (‘), double quotes (“), ampersands (&), or percentage signs (%).	Blank if Question 14 LBUMBRAD ≠ 8 (Untestable)
15	LBUMHNYR	3.1	Modified Hoehn and Yahr staging	1	1746 – 1746	Num	<p>0 = Stage 0 = No signs of disease.</p> <p>1 = Stage 1 = Unilateral disease.</p> <p>2 = Stage 1.5 = Unilateral plus axial involvement.</p> <p>3 = Stage 2 = Bilateral disease, without impairment of balance.</p> <p>4 = Stage 2.5 = Mild bilateral disease, with recovery on pull test.</p> <p>5 = Stage 3 = Mild to moderate bilateral disease; some postural instability; physically independent.</p> <p>6 = Stage 4 = Severe disability; still able to walk or stand unassisted.</p> <p>7 = Stage 5 = Wheelchair-bound or bedridden unless aided.</p> <p>8 = Untestable.</p>	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
15a	LBUMHNYX	3.1	Reason	60	1748 – 1807	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 15 LBUMHNYR ≠ 8 (Untestable)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B4L: Neuropsychiatric Inventory (NPI)								
1	LBDELUS	3.1	Does the participant have beliefs that you know are not true? (for example, insisting that people are trying to harm him/her or steal from him/her)? Has he/she said that family members are not who they say they are or that the house is not their home? I'm not asking about mere suspiciousness; I am interested	1	45 – 45	Num	0 = No 1 = Yes 8 = Not applicable	If Question 1 LBDELUS ≠ 1 (Yes), then skip to Question 2
1a	LBDHURT	3.1	Does the participant believe that he/she is in danger - that others are planning to hurt him/her?	1	47 – 47	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)
1b	LBDSTEAL	3.1	Does the participant believe that others are stealing from him/her?	1	49 – 49	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)
1c	LBDAFFR	3.1	Does the participant believe that his/her spouse/partner is having an affair?	1	51 – 51	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)
1d	LBDGUEST	3.1	Does the participant believe that unwelcome guests are living in his/her house?	1	53 – 53	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)
1e	LBDIMPOS	3.1	Does the participant believe that his/her spouse or others are not who they claim to be?	1	55 – 55	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)
1f	LBDHOME	3.1	Does the participant believe that his/her house is not his/her home?	1	57 – 57	Num	0 = No 1 = Yes	Blank if Question 1 LBDELUS ≠ 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
1g	LBDABAND	3.1	Does the participant believe that family members plan to abandon him/her?	1	59 – 59	Num	0 = No 1 = Yes	Blank if Question 1 LBDE-LUS ≠ 1 (Yes)
1h	LBDPRES	3.1	Does the participant believe that television or magazine figures are actually present in the room? [Does he/she try to talk or interact with them?]	1	61 – 61	Num	0 = No 1 = Yes	Blank if Question 1 LBDE-LUS ≠ 1 (Yes)
1i	LBDOTHER	3.1	Does the participant believe any other unusual things that I haven't asked about?	1	63 – 63	Num	0 = No 1 = Yes	Blank if Question 1 LBDE-LUS ≠ 1 (Yes)
2	LBHALL	3.1	Does the participant have hallucinations such as seeing false visions or hearing imaginary voices? Does he/she seem to see, hear, or experience things that are not present? By this question, we do not mean just mistaken beliefs such as stating that someone who has died is still alive; rather we are asking if	1	65 – 65	Num	0 = No 1 = Yes 8 = Not applicable	If Question 2 LBHALL ≠ 1 (Yes), then skip to Question 3
2a	LBHVOICE	3.1	Does the participant describe hearing voices or acts as if he/she hears voices?	1	67 – 67	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
2b	LBHPEOPL	3.1	Does the participant talk to people who are not there?	1	69 – 69	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
2c	LBHNOTPR	3.1	Does the participant describe seeing things not seen by others or behave as if he/she is seeing things not seen by others?	1	71 – 71	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
2d	LBHODOR	3.1	Does the participant report smelling odors not smelled by others?	1	73 – 73	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
2e	LBHFEEL	3.1	Does the participant describe feeling things on his/her skin or otherwise appear to be feeling things crawling on or touching him/her?	1	75 – 75	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
2f	LBHTASTE	3.1	Does the participant describe tastes that are without any known cause?	1	77 – 77	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
2g	LBHOTSEN	3.1	Does the participant describe any other unusual sensory experiences?	1	79 – 79	Num	0 = No 1 = Yes	Blank if Question 2 LBHALL ≠ 1 (Yes)
3	LBANXIET	3.1	Is the participant very nervous, worried, or frightened for no apparent reason? Does he/she seem very tense or fidgety? Is the participant afraid to be apart from you?	1	81 – 81	Num	0 = No 1 = Yes 8 = Not applicable	If Question 3 LBANXIET ≠ 1 (Yes), then skip to Question 4
3a	LBANEVNT	3.1	Does the participant say that he/she is worried about planned events?	1	83 – 83	Num	0 = No 1 = Yes	Blank if Question 3 LBANXIET ≠ 1 (Yes)
3b	LBANRELX	3.1	Does the participant have periods of feeling shaky, unable to relax, or feeling excessively tense?	1	85 – 85	Num	0 = No 1 = Yes	Blank if Question 3 LBANXIET ≠ 1 (Yes)
3c	LBANBRTH	3.1	Does the participant have periods of (or complain of) shortness of breath, gasping, or sighing for no reason other than nervousness?	1	87 – 87	Num	0 = No 1 = Yes	Blank if Question 3 LBANXIET ≠ 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3d	LBANBUTT	3.1	Does the participant complain of butterflies in his/her stomach, or of racing or pounding of the heart in association with nervousness (symptoms not explained by ill health)?	1	89 – 89	Num	0 = No 1 = Yes	Blank if Question 3 LBANXI-ET ≠ 1 (Yes)
3e	LBANPLAC	3.1	Does the participant avoid certain places or situations that make him/her more nervous such as riding in the car, meeting with friends, or being in crowds?	1	91 – 91	Num	0 = No 1 = Yes	Blank if Question 3 LBANXI-ET ≠ 1 (Yes)
3f	LBANSEPR	3.1	Does the participant become nervous and upset when separated from you [or his/her caregiver]? [Does he/she cling to you to keep from being separated?]	1	93 – 93	Num	0 = No 1 = Yes	Blank if Question 3 LBANXI-ET ≠ 1 (Yes)
3g	LBANOTHR	3.1	Does the participant show any other signs of anxiety?	1	95 – 95	Num	0 = No 1 = Yes	Blank if Question 3 LBANXI-ET ≠ 1 (Yes)
4	LBAPATHY	3.1	Has the participant lost interest in the world around him/her? Has he/she lost interest in doing things or lack motivation for starting new activities? Is he/she more difficult to engage in conversation or in doing chores? Is the participant apathetic or indifferent?	1	97 – 97	Num	0 = No 1 = Yes 8 = Not applicable	
4a	LBAPSPNT	3.1	Does the participant seem less spontaneous and active than usual?	1	99 – 99	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4b	LBAPCONV	3.1	Is the participant less likely to initiate a conversation?	1	101 – 101	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
4c	LBAPAFF	3.1	Is the participant less affectionate or lacking in emotions when compared to his/her usual self?	1	103 – 103	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4d	LBAPCHOR	3.1	Does the participant contribute less to household chores?	1	105 – 105	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4e	LBAPINT	3.1	Does the participant seem less interested in the activities and plans of others?	1	107 – 107	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4f	LBAPFAML	3.1	Has the participant lost interest in friends and family members?	1	109 – 109	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4g	LBAPINTR	3.1	Is the participant less enthusiastic about his/her usual interests?	1	111 – 111	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)
4h	LBAPOTH	3.1	Does the participant show any other signs that he/she doesn't care about doing new things?	1	113 – 113	Num	0 = No 1 = Yes	Blank if Question 4 LBAPATHY ≠ 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B5L: Mayo Fluctuations Scale								
1	LBMLTHRG	3.1	Is the participant drowsy and lethargic during the day, despite getting enough sleep the night before?	1	45 – 45	Num	0 = No 1 = Yes 9 = Unknown	
2	LBMSLEEP	3.1	Does the participant sleep 2 or more hours during the day (before 7:00 p.m.)?	1	47 – 47	Num	0 = No 1 = Yes 9 = Unknown	
3	LBMDISRG	3.1	Are there times when the participant's flow of ideas is disorganized, unclear, or not logical?	1	49 – 49	Num	0 = No 1 = Yes 9 = Unknown	
4	LBMSTARE	3.1	Does the participant tend to stare into space for long periods of time?	1	51 – 51	Num	0 = No 1 = Yes 9 = Unknown	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B6L: Mayo Sleep Questionnaire — Participant								
0	LBSPCGIM	3.1	Is the participant too cognitively impaired (e.g., CDR>1) to complete this form?	1	45 – 45	Num	0 = No 1 = Yes	If Question 0 LBSPCGIM = 1 (Yes) then end form here
1	LBSPDRM	3.1	Have you ever been told that you seem to "act out your dreams" while sleeping (punched or flailed arms in the air, shouted or screamed)?	1	47 – 47	Num	0 = No 1 = Yes	Blank if Question 0 LBSPCGIM = 1 (Yes)
1a1	LBSPYRS	3.1	How many months or years has this been going on? (years)	2	49 – 50	Num	0 – 99	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)
1a2	LBSPMOS	3.1	How many months or years has this been going on? (months)	2	52 – 53	Num	0 – 11	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)
1b	LBSPINJS	3.1	Have you ever been injured from these behaviors (bruises, cuts, broken bones)?	1	55 – 55	Num	0 = No 1 = Yes	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)
1c	LBSPINJP	3.1	Has a bedpartner ever been injured from these behaviors (bruises, blows, pulled hair)?	1	57 – 57	Num	0 = No 1 = Yes 8 = No bedpartner	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)
1d	LBSPCHAS	3.1	Have you had dreams of being chased or attacked, or that involve defending yourself?	1	59 – 59	Num	0 = No 1 = Yes	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)
1e	LBSPMOVE	3.1	Have you been told that you make movements while sleeping that seem to match the details of your dream?	1	61 – 61	Num	0 = No 1 = Yes	Blank if Question 0 LBSPCGIM = 1 (Yes) or Question 1 LBSPDRM = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
2	LBSPLEGS	3.1	Have you been told that your legs repeatedly jerk or twitch during sleep (not just when falling asleep)?	1	63 – 63	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
3	LBSPNERV	3.1	Does a restless, nervous, tingly, or creepy-crawly feeling in your legs make it hard to fall or stay asleep?	1	65 – 65	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
3a	LBSPURGL	3.1	Do you experience an irresistible urge to move the legs at those times?	1	67 – 67	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes) or Question 3 LBSPNERV = 0 (No)
3b	LBSPSENS	3.1	Do the uncomfortable leg sensations decrease when you move them or when you walk around?	1	69 – 69	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes) or Question 3 LBSPNERV = 0 (No)
3c	LBSPWORS	3.1	When do these sensations seem to be worse?	1	71 – 71	Num	1 = Before 6:00 p.m. 2 = After 6:00 p.m.	Blank if Question 0 LBSPC-GIM = 1 (Yes) or Question 3 LBSPNERV = 0 (No)
4	LBSPWALK	3.1	Have you ever walked around the bedroom or house in your sleep?	1	73 – 73	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
5	LBSPAWAK	3.1	Have you ever snorted or choked yourself awake?	1	75 – 75	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
6	LBSPBRTH	3.1	Have you ever been told that you stop breathing in your sleep?	1	77 – 77	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
6a	LBSPTRT	3.1	Are you currently being treated for this (e.g., CPAP)?	1	79 – 79	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes) or Question 6 LBSPBRTH = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
7	LBSPCRMP	3.1	Do you experience leg cramps at night (e.g., also called a "charlie horse") with intense pain in certain muscles in the leg?	1	81 – 81	Num	0 = No 1 = Yes	Blank if Question 0 LBSPC-GIM = 1 (Yes)
8	LBSPALRT	3.1	Rate your general level of alertness for the past 3 weeks on a scale from 0 to 10:	2	83 – 84	Num	1 – 10, 0 = Sleep all day, 10 = Fully and normally awake	Blank if Question 0 LBSPC-GIM = 1 (Yes)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B7L: Mayo Sleep Questionnaire — Co-participant								
1	LBSCCLIV	3.1	Do you live with the participant?	1	45 – 45	Num	0 = No 1 = Yes	If Question 1 LBSCCLIV = 0 (No) then end form here
2	LBSCSLP	3.1	Do you sleep in the same room as the participant?	1	47 – 47	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) If Question 2 LBSCSLP = 1 (Yes), then skip to Question 3
2a	LBSCBEHV	3.1	If no, is it because of his/her sleep behaviors (i.e., snores too loud, acts out dreams, etc.)?	1	49 – 49	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) or Question 2 LBSCSLP = 1 (Yes)
3	LBSCDRM	3.1	Have you ever seen the participant appear to "act out his/her dreams" while sleeping (punched or flailed arms in the air, shouted or screamed)?	1	51 – 51	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No)
3a1	LBSCYRS	3.1	How many months or years has this been going on? (yrs)	2	53 – 54	Num	0 – 99	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LBSCDRM = 0 (No)
3a2	LBSCMOS	3.1	How many months or years has this been going on? (months)	2	56 – 57	Num	0 – 11	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LBSCDRM = 0 (No)
3b	LBSCINJS	3.1	Has the participant ever been injured from these behaviors (bruises, cuts, broken bones)?	1	59 – 59	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LBSCDRM = 0 (No)
3c	LBSCINJP	3.1	Has a bedpartner ever been injured from these behaviors (bruises, blows, pulled hair)?	1	61 – 61	Num	0 = No 1 = Yes 8 = No bedpartner	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LBSCDRM = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3d	LBSCCHAS	3.1	Has the participant told you about dreams of being chased or attacked, or that involve defending himself/herself?	1	63 – 63	Num	0 = No 1 = Yes 8 = Never told me about dreams	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LB-SCDRM = 0 (No)
3e	LBSCMOVE	3.1	If the participant woke up and told you about a dream, did the details of the dream match the movements made while sleeping?	1	65 – 65	Num	0 = No 1 = Yes 8 = Never told me about dreams	Blank if Question 1 LBSCCLIV = 0 (No) or Question 3 LB-SCDRM = 0 (No)
4	LBSCLEGS	3.1	Do the participant's legs repeatedly jerk or twitch during sleep (not just when falling asleep)?	1	67 – 67	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No)
5	LBSCNERV	3.1	Does the participant complain of a restless, nervous, tingly, or creepy-crawly feeling in his/her legs that disrupts his/her ability to fall or stay asleep?	1	69 – 69	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) If Question 5 LBSCNERV = 0 (No), then skip to Question 6
5a	LBSCSENS	3.1	Does the participant tell you that these leg sensations decrease when he/she moves them or walks around?	1	71 – 71	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) or Question 5 LB-SCNERV = 0 (No)
5b	LBSCWORS	3.1	When do these sensations seem to be the worst?	1	73 – 73	Num	1 = Before 6:00 p.m. 2 = After 6:00 p.m.	Blank if Question 1 LBSCCLIV = 0 (No) or Question 5 LB-SCNERV = 0 (No)
6	LBSCWALK	3.1	Has the participant ever walked around the bedroom or house while asleep?	1	75 – 75	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No)
7	LBSCAWAK	3.1	Has the participant ever snorted or choked him/herself awake?	1	77 – 77	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
8	LBSCBRTH	3.1	Does the participant ever seem to stop breathing during sleep?	1	79 – 79	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) If Question 8 LBSCBRTH = 0 (No), then skip to Question 9
8a	LBSCTRT	3.1	Is the participant currently being treated for this (e.g., CPAP)?	1	81 – 81	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No) or Question 8 LBSCBRTH = 0 (No)
9	LBSCCRMP	3.1	Does the participant have leg cramps at night (e.g., also called a "charlie horse") with intense pain in certain muscles in the leg?	1	83 – 83	Num	0 = No 1 = Yes	Blank if Question 1 LBSCCLIV = 0 (No)
10	LBSCALRT	3.1	Rate the participant's general level of alertness for the past 3 weeks on a scale from 0 to 10:	2	85 – 86	Num	0-10, where 0 = Sleep all day ,10 = Fully and normally awake	Blank if Question 1 LBSCCLIV = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form B9L: SCOPA Sleep — Co-participant								
1	CONSFALL	3.1	Had trouble falling asleep when they went to bed at night	1	45 – 45	Num	0 = Not at all 1 = A little 2 = Quite a bit 3 = A lot	Blank if unknown
2	CONSWKOF	3.1	Felt that they have woken too often	1	47 – 47	Num	0 = Not at all 1 = A little 2 = Quite a bit 3 = A lot	Blank if unknown
3	CONSLYAW	3.1	Felt that they have been lying awake for too long at night	1	49 – 49	Num	0 = Not at all 1 = A little 2 = Quite a bit 3 = A lot	Blank if unknown
4	CONSWKER	3.1	Felt that they have woken too early in the morning	1	51 – 51	Num	0 = Not at all 1 = A little 2 = Quite a bit 3 = A lot	Blank if unknown
5	CONSLTTL	3.1	Felt they have had too little sleep at night	1	53 – 53	Num	0 = Not at all 1 = A little 2 = Quite a bit 3 = A lot	Blank if unknown
6	SCCORATE	3.1	Overall, how well has the participant slept at night during the past month?	1	55 – 55	Num	1 = Very well 2 = Well 3 = Rather well 4 = Not well but not badly 5 = Rather badly 6 = Badly 7 = Very badly	Blank if unknown

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
7	CODSUNEX	3.1	Fallen asleep unexpectedly during the day or in the evening	1	57 – 57	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown
8	CODSSITP	3.1	Fallen asleep while sitting peacefully	1	59 – 59	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown
9	CODSWATV	3.1	Fallen asleep while watching TV or reading	1	61 – 61	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown
10	CODSTALK	3.1	Fallen asleep while talking to someone	1	63 – 63	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown
11	CODSAWDY	3.1	Had trouble staying awake during the day or in the evening	1	65 – 65	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown
12	CODSFLDY	3.1	Experienced falling asleep during the day as a problem	1	67 – 67	Num	0 = Never 1 = Sometimes 2 = Regularly 3 = Often	Blank if unknown

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form C1L: Neuropsychological Battery Scores								
2a	LBNPFACE	3.1	Noise Pareidolia Task – Correct YES Face Responses	2	45 – 46	Num	0 – 7 95 = Physical problem 96 = Cognitive/behavior problem 97 = Other problem 98 = Verbal refusal	If test not completed, enter reason code (95-98), and end form here
2b	LBNPNOIS	3.1	Noise Pareidolia Task – Correct NO Noise Responses	2	48 – 49	Num	0 – 13	Blank if Question 2a LBNP-FACE = 95-98
2c	LBNPTCOR	3.1	Noise Pareidolia Task – Total YES and NO Correct	2	51 – 52	Num	0 – 20	Blank if Question 2a LBNP-FACE = 95-98
2d	LBNPPARD	3.1	Noise Pareidolia Task – Pareidolia (Illusory) Responses	2	54 – 55	Num	0 – 13	Blank if Question 2a LBNP-FACE = 95-98

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form D1L: Clinical DLB and PD Features								
1	LBCDSCOG	3.1	Is an acquired disorder of cognition a prominent element of the clinical presentation of the participant? (I.e., at least one of the Characteristics described in Questions 1a-1e is "Definitely present.")	1	45 – 45	Num	0 = No 1 = Yes	If Question 1 LBCDSCOG = 0 (No), then skip to Question 2.
1a	LBCCMEM	3.1	Episodic memory deficits	1	47 – 47	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 1 LBCDSCOG = 0 (No).
1b	LBCCLANG	3.1	Language deficits	1	49 – 49	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 1 LBCDSCOG = 0 (No).
1c	LBCCAT	3.1	Attention deficits	1	51 – 51	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 1 LBCDSCOG = 0 (No).
1d	LBCCEXDE	3.1	Executive deficits	1	53 – 53	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 1 LBCDSCOG = 0 (No).
1e	LBCCVIS	3.1	Visuoperceptual deficits	1	55 – 55	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 1 LBCDSCOG = 0 (No).

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
2	LBCDSMOV	3.1	Is an acquired disorder of movement a prominent element of the clinical presentation of the participant? (i.e., at least one of the Charistics described in Questions 2a-2h is "Definitely present.")	1	57 – 57	Num	0 = No 1 = Yes	If Question 2 LBCDSMOV = 0 (No), then skip to Question 3.
2a	LBCMBRAD	3.1	Bradykinesia	1	59 – 59	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).
2b	LBCMRIGD	3.1	Rigidity (with or without cog-wheel Charistics)	1	61 – 61	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).
2c	LBCMRTRM	3.1	Rest tremor	1	63 – 63	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).
2d	LBCMPTRM	3.1	Postural tremor	1	65 – 65	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).
2e	LBCMATRM	3.1	Action tremor	1	67 – 67	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).
2f	LBCMMYOC	3.1	Myoclonus	1	69 – 69	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDSMOV = 0 (No).

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
2g	LBCMGAIT	3.1	Gait abnormality	1	71 – 71	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDS-MOV = 0 (No).
2h	LBCMPINS	3.1	Postural instability	1	73 – 73	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 2 LBCDS-MOV = 0 (No).
3	LBCDSBEV	3.1	Is an acquired disorder of behavior a prominent element of the clinical presentation of the participant? (i.e., at least one of the Characteristics described in Questions 3a-3e is "Definitely present.")	1	75 – 75	Num	0 = No 1 = Yes	If Question 3 LBCDSBEV = 0 (No), then skip to Question 4.
3a	LBCBDEP	3.1	Depression	1	77 – 77	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 3 LBCDS-BEV = 0 (No).
3b	LBCBAPA	3.1	Apathy	1	79 – 79	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 3 LBCDS-BEV = 0 (No).
3c	LBCBANX	3.1	Anxiety	1	81 – 81	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 3 LBCDS-BEV = 0 (No).
3d	LBCBHALL	3.1	Hallucinations	1	83 – 83	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 3 LBCDS-BEV = 0 (No).

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
3e	LBCBDEL	3.1	Delusions	1	85 – 85	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 3 LBCDS-BEV = 0 (No).
4	LBCDSAUT	3.1	Is an acquired disorder of autonomic or constitutional features a prominent element of the clinical presentation of the participant? (i.e., at least one of the Charistics described in Questions 4a-4l is "Definitely present.")	1	87 – 87	Num	0 = No 1 = Yes	If Question 4 LBCDSAUT = 0 (No), then skip to Question 5.
4a	LBCAREM	3.1	REM sleep behavior disorder	1	89 – 89	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4b	LBCAAPN	3.1	Obstructive sleep apnea	1	91 – 91	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4c	LBCALGSL	3.1	Periodic leg movements of sleep	1	93 – 93	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4d	LBCARSLE	3.1	Restless leg syndrome	1	95 – 95	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
4e	LBCADTSL	3.1	Excessive daytime sleepiness	1	97 – 97	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4f	LBCACGFL	3.1	Cognitive fluctuations	1	99 – 99	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4g	LBCAHYPT	3.1	Orthostatic hypotension	1	101 – 101	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4h	LBCACONS	3.1	Constipation	1	103 – 103	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4i	LBCAHYPS	3.1	Hyposmia	1	105 – 105	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4j	LBCAFALL	3.1	Falls	1	107 – 107	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
4k	LBCASYNC	3.1	Syncope	1	109 – 109	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
4I	LBCASNAP	3.1	Severe sensitivity to anti-psychotic agents	1	111 – 111	Num	0 = Absent 1 = Questionably present 2 = Definitely present 8 = Not evaluated	Blank if Question 4 LBCD-SAUT = 0 (No).
5	LBCOGST	3.1	What is the participant's cognitive status?	1	113 – 113	Num	1 = Normal cognition 2 = Cognitively impaired, not MCI 3 = MCI 4 = Dementia	
6	LBCOGDX	3.1	Which etiologic diagnosis best Charizes the participant?	1	115 – 115	Num	1 = Dementia with Lewy bodies 2 = Parkinson's disease 3 = Alzheimer's disease 4 = Vascular disease 5 = FTLT 6 = Other 8 = Not applicable – no neurodegenerative disease and no cognitive impairment	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form E1L: Genetics								
1	LBGNEWGN	3.1	Since the last visit, is new information available concerning the genetic mutations listed below?	1	45 – 45	Num	0 = No 1 = Yes	If No, then end form here
2	LBGLRRK2	3.1	LRRK2	1	47 – 47	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No) If No or Unknown, then skip to Question 3
2a	LBGLRKIS	3.1	If Yes, information source	1	49 – 49	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No) or Question 2 LBGLRRK2 = 0 (No) or 9 (Unknown)
3	LBGPARK2	3.1	PARK2	1	51 – 51	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No)
3a	LBGPK2IS	3.1	If Yes, information source	1	53 – 53	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No) or Question 3 LBGPARK2 = 0 (No) or 9 (Unknown)
4	LBGPARK7	3.1	PARK7	1	55 – 55	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
4a	LBGPK7IS	3.1	If Yes, information source	1	57 – 57	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 4 LGBPARK7 = 0 (No) or 9 (Unknown)	
5	LBGPINK1	3.1	PINK1	1	59 – 59	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No)	
5a	LBGPNKIS	3.1	If Yes, information source	1	61 – 61	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 5 LGBPINK1 = 0 (No) or 9 (Unknown)	
6	LBGSNCA	3.1	SNCA	1	63 – 63	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No)	If No or Unknown, then skip to Question 7
6a	LBGSNCIS	3.1	If Yes, information source	1	65 – 65	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 6 LBGSNCA= 0 (No) or 9 (Unknown)	
7	LBGGBA	3.1	GBA	1	67 – 67	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LBGNEWGN = 0 (No)	If No or Unknown, then skip to Question 8

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
7a	LBGGBAIS	3.1	If Yes, information source	1	69 – 69	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 7 LBGGBA = 0 (No) or 9 (Unknown)
8	LBGOTHR	3.1	Other	1	71 – 71	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) If No or Unknown then end form here
8a	LBGOTHIS	3.1	If Yes, information source	1	73 – 73	Num	1 = Commercial laboratory test documentation 2 = Research laboratory test documentation 3 = Family report (select only if no laboratory test was done) 9 = Unknown	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 8 LBGOTHR = 0 (No) or 9 (Unknown)
8a1	LBGOTHX	3.1	Specify	30	75 – 104	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 1 LB-GNEWGN = 0 (No) or Question 8 LBGOTHR = 0 (No) or 9 (Unknown)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
Form E2L: Neuroimaging Available and Findings								
1	LBISMRI	3.1	Has the participant had at least one structural MRI scan, obtained as part of the current evaluation or a previous evaluation?	1	45 – 45	Num	0 = No or unknown 1 = Yes	If Question 1 LBISMRI = 0 (No or unknown), then skip to Question 2.
1c	LBISMHIP	3.1	Was there an MRI finding of hippocampal atrophy, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	47 – 47	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 1 LBISMRI = 0 (No or unknown)
1d	LBISMAVL	3.1	Is an MRI available for data sharing?	1	49 – 49	Num	0 = No or unknown 1 = Yes	Blank if Question 1 LBISMRI = 0 (No or unknown).
2	LBIFPET	3.1	Has the participant had at least one FDG-PET scan, obtained as part of the current evaluation or a previous evaluation?	1	51 – 51	Num	0 = No or unknown 1 = Yes	If Question 2 LBIFPET = 0 (No or unknown), then skip to Question 3.
2c	LBIFPOCC	3.1	Was there an FDG-PET finding of occipital hypometabolism consistent with LBD, according to your Center's standards for positivity?	1	53 – 53	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 2 LBIFPET = 0 (No or unknown)
2d	LBIFTPP	3.1	Was there an FDG-PET finding of temporoparietal hypometabolism suggestive of AD, according to your Center's standards for positivity?	1	55 – 55	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 2 LBIFPET = 0 (No or unknown)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
2e	LBIFPISL	3.1	Was there an FDG-PET finding of cingulate island sign consistent with LBD, according to your Center's standards for positivity?	1	57 – 57	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 2 LBIFPET = 0 (No or unknown)
2f	LBIFPAVL	3.1	Is an FDG-PET available for data sharing?	1	59 – 59	Num	0 = No or unknown 1 = Yes	Blank if Question 2 LBIFPET = 0 (No or unknown).
3	LBIAPET	3.1	Has the participant had at least one amyloid PET scan, obtained as part of the current evaluation or a previous evaluation?	1	61 – 61	Num	0 = No or unknown 1 = Yes	If Question 3 LBIAPET = 0 (No or unknown), then skip to Question 4.
3c	LBIAPAVL	3.1	Is an amyloid PET available for data sharing?	1	63 – 63	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 3 LBIAPET = 0 (No or unknown).
4	LBITPET	3.1	Has the participant had at least one Tau PET scan, obtained as part of the current evaluation or a previous evaluation?	1	65 – 65	Num	0 = No or unknown 1 = Yes	If Question 4 LBITPET = 0 (No or unknown), then skip to Question 5.
4c	LBITPAVL	3.1	Is a Tau PET available for data sharing?	1	67 – 67	Num	0 = No 1 = Yes 9 = Unknown	Blank if Question 4 LBITPET = 0 (No or unknown).
5	LBIDATS	3.1	Has the participant had at least one DaTScan scan, obtained as part of the current evaluation or a previous evaluation?	1	69 – 69	Num	0 = No or unknown 1 = Yes	If Question 5 LBIDATS = 0 (No or unknown) then End form here

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
5c	LBIDSABN	3.1	Were there abnormal DaTScan findings consistent with LBD, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	71 – 71	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 5 LBIDATS = 0 (No or unknown)

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
Form E3L: Other Labs and Findings									
1	LBOPOLYS	3.1	Has the participant had at least one polysomnography, obtained as part of the current evaluation or a previous evaluation?	1	45 – 45	Num	0 = No or unknown 1 = Yes		If Question 1 LBOPOLYS = 0 (No or unknown), then skip to Question 2.
1b	LBOPOPOS	3.1	Was there polysomnographic confirmation of REM sleep without atonia, +/- dream enactment behavior, consistent with LBD, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	47 – 47	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 1 LBOPOLYS = 0 (No or unknown).	
1c	LBOPOAVL	3.1	Is a polysomnography available for data sharing?	1	49 – 49	Num	0 = No or unknown 1 = Yes	Blank if Question 1 LBOPOLYS = 0 (No or unknown).	
2	LBOCMIBG	3.1	Has the participant had at least one cardiac-MIBG scintigraphy, obtained as part of the current evaluation or a previous evaluation?	1	51 – 51	Num	0 = No or unknown 1 = Yes		
2b	LBOCMPOS	3.1	Were there abnormal (low uptake) MIBG myocardial scintigraphy results consistent with LBD, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	53 – 53	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 2 LBOCMIBG = 0 (No or unknown).	
2c	LBOCMAVL	3.1	Is a cardiac-MIBG available for data sharing?	1	55 – 55	Num	0 = No or unknown 1 = Yes, raw data available 2 = Yes, processed data available 3 = Yes, both raw and processed data available	Blank if Question 2 LBOCMIBG = 0 (No or unknown).	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips	
3	LBOANOS	3.1	Has the participant had at least one anosmia test, obtained as part of the current evaluation or a previous evaluation?	1	57 – 57	Num	0 = No or unknown 1 = Yes		If Question 3 LBOANOS = 0 (No or unknown), then skip to Question 9.
3b	LBOANPOS	3.1	Were the anosmia test results consistent with LBD, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	59 – 59	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 3 LBOANOS = 0 (No or unknown).	
3c	LBOANAVL	3.1	Are anosmia test data available for sharing?	1	61 – 61	Num	0 = No or unknown 1 = Yes	Blank if Question 3 LBOANOS = 0 (No or unknown).	If Question 3c LBOANAVL = 0 (No or unknown), then skip to Question 9.
3d	LBOANVER	3.1	Which test was done (that is available for sharing)?	1	63 – 63	Num	1 = University of Pennsylvania Smell Identification Test (UPSIT) 2 = Brief-smell identification test (B-SIT) 3 = Sniffin Sticks 4 = Other	Blank if Question 3 LBOANOS = 0 (No or unknown) or if Question 3c LBOANAVL = 0 (No or unknown).	
3d1	LBOANOTH	3.1	Other test	30	65 – 94	Char	Any text or numerals with the exception of single quotes ('), double quotes ("), ampersands (&), or percentage signs (%).	Blank if Question 3 LBOANOS = 0 (No or unknown) or if Question 3c LBOANAVL = 0 (No or unknown) or if Question 3d LBOANVER ≠ 4 (Other).	

Q #	Data element name	UDS Ver	LBD question	Length of field	Column positions	Data type	Allowable codes	Blanks/Skips
9	LBOCGAIT	3.1	Has the participant had at least one computerized gait testing, obtained as part of the current evaluation or a previous evaluation?	1	96 – 96	Num	0 = No or unknown 1 = Yes	If Question 9 LBOCGAIT = 0 (No or unknown) then end form here.
9b	LBOCGPOS	3.1	Were the computerized gait testing results consistent with LBD, according to your Center's standards for positivity? (REPORT MOST RECENT)	1	98 – 98	Num	0 = No 1 = Yes 8 = Results not available 9 = Unknown	Blank if Question 9 LBOCGAIT = 0 (No or unknown).
9c	LBOCGAVL	3.1	Are computerized gait testing data available for sharing?	1	100 – 100	Num	0 = No or unknown 1 = Yes, raw data available 2 = Yes, processed data available 3 = Yes, both raw and processed data available	Blank if Question 9 LBOCGAIT = 0 (No or unknown).