

NEUROPATHOLOGY DATA SET

Data Element Dictionary

Version 11, September 2020

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Glossary of terms

Question number	Indicates order of appearance on the NACC Neuropathology form
Data element name	For non-fixed format files, data element name must match exactly.
Version	11
NP form question	The question as it appears on the NACC Neuropathology Form
Length of field	Length of this data element
Column positions	For fixed-field formats, column numbers for this data element
Data type	Data element type as numerical or character
Allowable codes	List of codes with mapping instructions
Blanks	Instructions for blanks
Skips	Instructions for skip patterns
Comments	Other instructions as needed

Form header

Question number	0
Data element name	ADCID
Version	11
NP question	Center ID
Length of field	2
Column positions	1 – 2
Data type	Numeric
Allowable codes	1-99; use your Center ID as displayed in submission system or Portal
Comment	Note: ADCID is replaced by a randomly generated NACCADC in research data sets generated by NACC.

NP Form

Question number	1
Data element name	PTID
Version	11
NP question	UDS/MDS patient ID
Length of field	10
Column positions	4–13
Data type	Character
Allowable codes	Follow your Center's UDS/MDS patient ID scheme.
Comment	UDS/MDS patient ID must be unique within data set from your Center (no duplicates). UDS/MDS patient ID for each subject must be the same at each data submission; UDS/MDS patient ID cannot change once it has been assigned by your Center. PTID is the same for a given subject at both the UDS data freeze and Neuropathology data submission. NOTE: PTID is replaced by a randomly generated NACCID in research data sets generated by NACC.

Question number	2a
Data element name	NPFORMMO
Version	11
NP question	Date form completed: month
Length of field	2
Column positions	15–16
Data type	Numeric
Allowable codes	1 – 12

Question number	2b
Data element name	NPFORMDY
Version	11
NP question	Date form completed: day
Length of field	2
Column positions	18–19
Data type	Numeric
Allowable codes	1–31

Question number	2c
Data element name	NPFORMYR
Version	11
NP question	Date form completed: year
Length of field	4
Column positions	21–24
Data type	Numeric
Allowable codes	2001 – current year

Question number	3
Data element name	NPID
Version	11
NP question	Neuropath ID
Length of field	10
Column positions	26 – 35
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.

Question number	4
Data element name	NPSEX
Version	11
NP question	Subject's sex
Length of field	1
Column positions	37 – 37
Data type	Numeric
Allowable codes	1 = Male 2 = Female

Question number	5
Data element name	NPDAGE
Version	11
NP form question	Age at death
Length of field	3
Column positions	39 – 41
Data type	Numeric
Allowable codes	0 – 130

Question number	6a
Data element name	NPDODMO
Version	11
NP form question	Date of death: month
Length of field	2
Column positions	43 – 44
Data type	Numeric
Allowable codes	1 – 12

Question number	6b
Data element name	NPDODDY
Version	11
NP form question	Date of death: day
Length of field	2
Column positions	46 – 47
Data type	Numeric
Allowable codes	1 – 31

Question number	6c
Data element name	NPDODYR
Version	11
NP form question	Date of death: year
Length of field	4
Column positions	49 – 52
Data type	Numeric
Allowable codes	1984 – current year

Question number	7
Data element name	NPPMIH
Version	11
NP form question	Postmortem interval
Length of field	4
Column positions	54 – 57
Data type	Numeric
Allowable codes	00.0 – 98.9 99.9 = unknown

Question number	8
Data element name	NPFIH
Version	11
NP form question	Fixative
Length of field	1
Column positions	59 – 59
Data type	Numeric
Allowable codes	1 = Formalin 2 = Paraformaldehyde 7 = Other specify

Question number	8a
Data element name	NPFIIX
Version	11
NP form question	Fixative other specify
Length of field	30
Column positions	61 – 90
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #8, NPFIIX, ≠ 7 (Other)

Question number	9a
Data element name	NPWBRWT
Version	11
NP form question	Whole brain weight
Length of field	4
Column positions	92 – 95
Data type	Numeric
Allowable codes	100 – 2500 9999 = unknown

Question number	9b
Data element name	NPWBRF
Version	11
NP form question	Fresh or fixed weight
Length of field	1
Column positions	97 – 97
Data type	Numeric
Allowable codes	1 = Fresh 2 = Fixed 8 = N/A

Question number	9c1
Data element name	NPGRCCA
Version	11
NP form question	Severity of gross findings — cerebral cortex atrophy
Length of field	1
Column positions	99 – 99
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	9c2
Data element name	NPGRLA
Version	11
NP form question	Severity of gross findings — lobar atrophy
Length of field	1
Column positions	101–101
Data type	Numeric
Allowable codes	0 = None 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	9c3
Data element name	NPGRHA
Version	11
NP form question	Severity of gross findings — hippocampus atrophy
Length of field	1
Column positions	103–103
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	9c4
Data element name	NPGRSNH
Version	11
NP form question	Severity of gross findings — substantia nigra hypopigmentation
Length of field	1
Column positions	105–105
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	9c5
Data element name	NPGRLLCH
Version	11
NP form question	Severity of gross findings — l. ceruleus hypopigmentation
Length of field	1
Column positions	107–107
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	9c6
Data element name	NPAVAS
Version	11
NP form question	Severity of gross findings — atherosclerosis (of the circle of Willis)
Length of field	1
Column positions	109–109
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	10a
Data element name	NPTAN
Version	11
NP form question	Tau antibody
Length of field	1
Column positions	111–111
Data type	Numeric
Allowable codes	1 = Non-phospho specific 2 = PHF1 3 = CP13 4 = AT8 7 = Other specify 8 = Not assessed

Question number	10a1
Data element name	NPTANX
Version	11
NP form question	Tau antibody other specify
Length of field	30
Column positions	113–142
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #10a, NPTAN, ≠ 7 (Other)

Question number	10b
Data element name	NPABAN
Version	11
NP form question	Amyloid beta antibody
Length of field	1
Column positions	144–144
Data type	Numeric
Allowable codes	1 = 4G8 2 = 10D5 7 = Other (specify) 8 = Not assessed

Question number	10b1
Data element name	NPABANX
Version	11
NP form question	Amyloid beta antibody other specify
Length of field	30
Column positions	146–175
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #10b, NPABAN, ≠ 7 (Other)

Question number	10c
Data element name	NPASAN
Version	11
NP form question	Alpha synuclein antibody
Length of field	1
Column positions	177–177
Data type	Numeric
Allowable codes	1 = Non-phospho specific (e.g., LB509) 2 = Phospho-specific (e.g., pSYN#64) 7 = Other (specify) 8 = Not assessed

Question number	10c1
Data element name	NPASANX
Version	11
NP form question	Alpha synuclein antibody other specify
Length of field	30
Column positions	179–208
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #10c, NPASAN, ≠ 7 (Other)

Question number	10d
Data element name	NPTDPAN
Version	11
NP form question	TDP-43 antibody
Length of field	1
Column positions	210–210
Data type	Numeric
Allowable codes	1 = Non-phospho specific 2 = Phospho-specific 7 = Other (specify) 8 = Not assessed

Question number	10d1
Data element name	NPTDPANX
Version	11
NP form question	TDP-43 antibody other specify
Length of field	30
Column positions	212–241
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #10d, NPTDPAN, ≠ 7 (Other)

Question number	10e1
Data element name	NPHISMB
Version	11
NP form question	Histochemical stains — modified Bielschowsky
Length of field	1
Column positions	243–243
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	10e2
Data element name	NPHISG
Version	11
NP form question	Histochemical stains — Gallyas
Length of field	1
Column positions	245 – 245
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	10e3
Data element name	NPHISS
Version	11
NP form question	Histochemical stains — other silver stain
Length of field	1
Column positions	247 – 247
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	10e4
Data element name	NPHIST
Version	11
NP form question	Histochemical stains — thioflavin
Length of field	1
Column positions	249 – 249
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	10e5
Data element name	NPHISO
Version	11
NP form question	Histochemical stains — other
Length of field	1
Column positions	251 – 251
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	10ex
Data element name	NPHISOX
Version	11
NP form question	Histochemical stains — other specify
Length of field	30
Column positions	253–282
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs.
Blanks	Blank if #10e5, NPHISO, ≠ 1 (Yes)

Question number	11a
Data element name	NPTHAL
Version	11
NP form question	Thal phase for amyloid plaques (A Score)
Length of field	1
Column positions	284–284
Data type	Numeric
Allowable codes	0 = Phase 0 (A0) 1 = Phase 1 (A1) 2 = Phase 2 (A1) 3 = Phase 3 (A2) 4 = Phase 4 (A3) 5 = Phase 5 (A3) 8 = Not assessed 9 = Missing/unknown

Question number	11b
Data element name	NPBRAAK
Version	11
NP form question	Braak stage for neurofibrillary degeneration (B score)
Length of field	1
Column positions	286–286
Data type	Numeric
Allowable codes	0 = Stage 0: AD-type neurofibrillary degeneration not present (B0) 1 = Stage I (B1) 2 = Stage II (B1) 3 = Stage III (B2) 4 = Stage IV (B2) 5 = Stage V (B3) 6 = Stage VI (B3) 7 = The presence of a tauopathy (other than aging/AD) precludes Braak staging 8 = Not assessed 9 = Missing/unknown

Question number	11c
Data element name	NPNEUR
Version	11
NP form question	CERAD score for density of neocortical neuritic plaques (C score)
Length of field	1
Column positions	288 – 288
Data type	Numeric
Allowable codes	0 = No neuritic plaques (C0) 1 = Sparse neuritic plaques (C1) 2 = Moderate neuritic plaques (C2) 3 = Frequent neuritic plaques (C3) 8 = Not assessed 9 = Missing/unknown

Question number	11d
Data element name	NPADNC
Version	11
NP form question	NIA-AA ADNC
Length of field	1
Column positions	290 – 290
Data type	Numeric
Allowable codes	0 = Not AD 1 = Low ADNC 2 = Intermediate ADNC 3 = High ADNC 8 = Not assessed 9 = Missing/unknown

Question number	11e1
Data element name	NPDIFF
Version	11
NP form question	CERAD semi-quantitative score for diffuse plaques
Length of field	1
Column positions	292 – 292
Data type	Numeric
Allowable codes	0 = No diffuse plaques 1 = Sparse diffuse plaques 2 = Moderate diffuse plaques 3 = Frequent diffuse plaques 8 = Not assessed 9 = Missing/unknown

Question number	11e2
Data element name	NPAMY
Version	11
NP form question	Cerebral amyloid angiopathy
Length of field	1
Column positions	294 – 294
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	12a
Data element name	NPINF
Version	11
NP form question	Old infarcts observed grossly, including lacunes
Length of field	1
Column positions	296 – 296
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #12a, NPINF, ≠ 1, then skip to #12b, NPHEMO

Question number	121a
Data element name	NPINF1A
Version	11
NP form question	Number of infarcts — cerebral cortex
Length of field	2
Column positions	298 – 299
Data type	Numeric
Allowable codes	0–87 88 = N/A 99 = Unknown
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes)

Question number	121b
Data element name	NPINF1B
Version	11
NP form question	Largest Infarct — cerebral cortex
Length of field	4
Column positions	301 – 304
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #121a, NPINF1A, = 0, 88, or 99

Question number	121d
Data element name	NPINF1D
Version	11
NP form question	Second largest infarct — cerebral cortex
Length of field	4
Column positions	306 – 309
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #121a, NPINF1A, < 2, or = 88 or 99

Question number	121f
Data element name	NPINF1F
Version	11
NP form question	Third largest infarct — cerebral cortex
Length of field	4
Column positions	311 – 314
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #121a, NPINF1A, < 3, or = 88 or 99

Question number	122a
Data element name	NPINF2A
Version	11
NP form question	Number of infarcts — subcortical cerebral white matter and periventricular white matter
Length of field	2
Column positions	316–317
Data type	Numeric
Allowable codes	0–87 88 = N/A 99 = Unknown
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes)

Question number	122b
Data element name	NPINF2B
Version	11
NP form question	Largest infarct — white matter
Length of field	4
Column positions	319–322
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #122a, NPINF2A, = 0, 88, or 99

Question number	122d
Data element name	NPINF2D
Version	11
NP form question	Second largest infarct — white matter
Length of field	4
Column positions	324–327
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #122a, NPINF2A, < 2, or = 88 or 99

Question number	122f
Data element name	NPINF2F
Version	11
NP form question	Third largest infarct — white matter
Length of field	4
Column positions	329–332
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #122a, NPINF2A, < 3, or = 88 or 99

Question number	123a
Data element name	NPINF3A
Version	11
NP form question	Number of infarcts — deep cerebral gray matter or internal capsule
Length of field	2
Column positions	334–335
Data type	Numeric
Allowable codes	0–87 88 = N/A 99 = Unknown
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes)

Question number	123b
Data element name	NPINF3B
Version	11
NP form question	Largest infarct — deep cerebral gray matter or internal capsule
Length of field	4
Column positions	337–340
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #123a, NPINF3A, = 0, 88, or 99

Question number	123d
Data element name	NPINF3D
Version	11
NP form question	Second largest infarct — deep cerebral gray matter or internal capsule
Length of field	4
Column positions	342–345
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #123a, NPINF3A, < 2, or = 88 or 99

Question number	123f
Data element name	NPINF3F
Version	11
NP form question	Third largest infarct — deep cerebral gray matter or internal capsule
Length of field	4
Column positions	347–350
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #123a, NPINF3A, < 3, or = 88 or 99

Question number	124a
Data element name	NPINF4A
Version	11
NP form question	Number of infarcts — brainstem or cerebellum
Length of field	2
Column positions	352–353
Data type	Numeric
Allowable codes	0 – 87 88 = N/A 99 = Unknown
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes)

Question number	124b
Data element name	NPINF4B
Version	11
NP form question	Largest Infarct — brainstem or cerebellum
Length of field	4
Column positions	355–358
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #124a, NPINF4A, = 0, 88, or 99

Question number	124d
Data element name	NPINF4D
Version	11
NP form question	Second largest infarct — brainstem or cerebellum
Length of field	4
Column positions	360–363
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #124a, NPINF4A, < 2, or = 88 or 99

Question number	124f
Data element name	NPINF4F
Version	11
NP form question	Third largest infarct — brainstem or cerebellum
Length of field	4
Column positions	365–368
Data type	Numeric
Allowable codes	0.0–20.0 88.8 = N/A 99.9 = Unknown/missing
Blanks	Blank if #12a, NPINF, ≠ 1 (Yes) Blank if #124a, NPINF4A, < 3, or = 88 or 99

Question number	12b
Data element name	NPHEMO
Version	11
NP form question	Were single or multiple old hemorrhages observed grossly?
Length of field	1
Column positions	370–370
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #12b, NPHEMO, ≠ 1, then skip to #12c, NPOLD

Question number	12b1
Data element name	NPHEMO1
Version	11
NP form question	Subdural or epidural hemorrhage
Length of field	1
Column positions	372–372
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12b, NPHEMO, ≠ 1 (Yes)

Question number	12b2
Data element name	NPHEMO2
Version	11
NP form question	Primary parenchymal hemorrhage
Length of field	1
Column positions	374–374
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12b, NPHEMO, ≠ 1 (Yes)

Question number	12b3
Data element name	NPHEM03
Version	11
NP form question	Secondary parenchymal hemorrhage (e.g., tumor, vascular malformation)
Length of field	1
Column positions	376–376
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12b, NPHEM0, ≠ 1 (Yes)

Question number	12c
Data element name	NPOLD
Version	11
NP form question	Old microinfarcts, not observed grossly
Length of field	1
Column positions	378–378
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #12c, NPOLD, ≠ 1, then skip to #12d, NPOLDD

Question number	12c1
Data element name	NPOLD1
Version	11
NP form question	Number of old microinfarcts — cerebral cortex
Length of field	1
Column positions	380–380
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12c, NPOLD, ≠ 1 (Yes)

Question number	12c2
Data element name	NPOLD2
Version	11
NP form question	Number of old microinfarcts — subcortical and periventricular white matter
Length of field	1
Column positions	382 – 382
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12c, NPOLD, ≠ 1 (Yes)

Question number	12c3
Data element name	NPOLD3
Version	11
NP form question	Number of old microinfarcts — subcortical gray matter
Length of field	1
Column positions	384 – 384
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12c, NPOLD, ≠ 1 (Yes)

Question number	12c4
Data element name	NPOLD4
Version	11
NP form question	Number of old microinfarcts — brainstem and cerebellum
Length of field	1
Column positions	386 – 386
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12c, NPOLD, ≠ 1 (Yes)

Question number	12d
Data element name	NPOLDD
Version	11
NP form question	Old cerebral microbleeds
Length of field	1
Column positions	388–388
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If 12d, NPOLDD, ≠ 1, then skip to #12e, NPARTER

Question number	12d1
Data element name	NPOLDD1
Version	11
NP form question	Number of microbleeds — cerebral cortex
Length of field	1
Column positions	390–390
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12d, NPOLDD, ≠ 1 (Yes)

Question number	12d2
Data element name	NPOLDD2
Version	11
NP form question	Number of microbleeds — subcortical and periventricular white matter
Length of field	1
Column positions	392–392
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12d, NPOLDD, ≠ 1 (Yes)

Question number	12d3
Data element name	NPOLDD3
Version	11
NP form question	Number of microbleeds — subcortical gray matter
Length of field	1
Column positions	394 – 394
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12d, NPOLDD, ≠ 1 (Yes)

Question number	12d4
Data element name	NPOLDD4
Version	11
NP form question	Number of microbleeds — brainstem and cerebellum
Length of field	1
Column positions	396 – 396
Data type	Numeric
Allowable codes	0 = 0 1 = 1 2 = 2 3 = 3 or more 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12d, NPOLDD, ≠ 1 (Yes)

Question number	12e
Data element name	NPARTER
Version	11
NP form question	Arteriolosclerosis
Length of field	1
Column positions	398 – 398
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	12f
Data element name	NPWMR
Version	11
NP form question	White matter rarefaction
Length of field	1
Column positions	400 – 400
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	12g
Data element name	NPPATH
Version	11
NP form question	Other pathologic changes related to ischemic or vascular disease not previously specified
Length of field	1
Column positions	402 – 402
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #12g, NPPATH, ≠ 1, then skip to #13, NPLBOD

Question number	12g1
Data element name	NPNEC
Version	11
NP form question	Laminar necrosis
Length of field	1
Column positions	404 – 404
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g2
Data element name	NPPATH2
Version	11
NP form question	Acute neuronal necrosis
Length of field	1
Column positions	406 – 406
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g3
Data element name	NPPATH3
Version	11
NP form question	Acute/subacute gross infarcts
Length of field	1
Column positions	408 – 408
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g4
Data element name	NPPATH4
Version	11
NP form question	Acute/subacute microinfarcts
Length of field	1
Column positions	410 – 410
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g5
Data element name	NPPATH5
Version	11
NP form question	Acute/subacute gross hemorrhage
Length of field	1
Column positions	412 – 412
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g6
Data element name	NPPATH6
Version	11
NP form question	Acute/subacute microhemorrhage
Length of field	1
Column positions	414 – 414
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g7
Data element name	NPPATH7
Version	11
NP form question	Vascular malformation of any type
Length of field	1
Column positions	416 – 416
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g8
Data element name	NPPATH8
Version	11
NP form question	Aneurysm of any type
Length of field	1
Column positions	418–418
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g9
Data element name	NPPATH9
Version	11
NP form question	Vasculitis of any type
Length of field	1
Column positions	420–420
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g10
Data element name	NPPATH10
Version	11
NP form question	CADASIL
Length of field	1
Column positions	422–422
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g11
Data element name	NPPATH11
Version	11
NP form question	Mineralization of blood vessels
Length of field	1
Column positions	424 – 424
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12g12
Data element name	NPPATHO
Version	11
NP form question	Other ischemic or vascular pathology
Length of field	1
Column positions	426 – 426
Data type	Numeric
Allowable codes	0 = No 1 = Yes
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes)

Question number	12gx
Data element name	NPPATHOX
Version	11
NP form question	Other ischemic or vascular pathology specify
Length of field	30
Column positions	428 – 457
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #12g, NPPATH, ≠ 1 (Yes) Blank if #12g12, NPPATHO, ≠ 1 (Yes)

Question number	13
Data element name	NPLBOD
Version	11
NP form question	Is there evidence of Lewy body pathology
Length of field	1
Column positions	459 – 459
Data type	Numeric
Allowable codes	0 = No 1 = Brainstem predominant 2 = Limbic (transitional) 3 = Neocortical (diffuse) 4 = Amygdala predominant 5 = Olfactory bulb 8 = Not assessed 9 = Missing/unknown

Question number	14
Data element name	NPNLOSS
Version	11
NP form question	Neuron loss in the substantia nigra
Length of field	1
Column positions	461 – 461
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed 9 = Missing/unknown

Question number	15
Data element name	NPHIPSCL
Version	11
NP form question	Hippocampal sclerosis (CA1 and/or subiculum)
Length of field	1
Column positions	463 – 463
Data type	Numeric
Allowable codes	0 = None 1 = Unilateral 2 = Bilateral 3 = Present but laterality not assessed 8 = Not assessed 9 = Missing/unknown

Question number	16a
Data element name	NPTDPA
Version	11
NP form question	Distribution of TDP-43 immunoreactive inclusions — spinal cord
Length of field	1
Column positions	465–465
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	16b
Data element name	NPTDPB
Version	11
NP form question	Distribution of TDP-43 immunoreactive inclusions — amygdala
Length of field	1
Column positions	467–467
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	16c
Data element name	NPTDPC
Version	11
NP form question	Distribution of TDP-43 immunoreactive inclusions — hippocampus
Length of field	1
Column positions	469–469
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	16d
Data element name	NPTDPD
Version	11
NP form question	Distribution of TDP-43 immunoreactive inclusions — entorhinal/inferior temporal cortex
Length of field	1
Column positions	471 – 471
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	16e
Data element name	NPTDPE
Version	11
NP form question	Distribution of TDP-43 immunoreactive inclusions — neocortex
Length of field	1
Column positions	473 – 473
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	17a
Data element name	NPFTDTAU
Version	11
NP form question	FTLD with tau pathology (FTLD-tau) or other tauopathy
Length of field	1
Column positions	475 – 475
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #17a, NPFTDTAU, ≠ 1, then skip to #17c, NPFTDTP

Question number	17b1
Data element name	NPPICK
Version	11
NP form question	FTLD-tau subtype — FTLD-tau Pick's (PiD)
Length of field	1
Column positions	477–477
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b2
Data element name	NPFTDT2
Version	11
NP form question	FTLD-tau subtype — other 3R tauopathy (includes <i>MAPT</i> mutation tauopathy)
Length of field	1
Column positions	479–479
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b3
Data element name	NPCORT
Version	11
NP form question	FTLD-tau subtype — FTLD-tau corticobasal degeneration (CBD)
Length of field	1
Column positions	481–481
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b4
Data element name	NPPROG
Version	11
NP form question	FTLD-tau subtype — FTLD-tau progressive supranuclear palsy (PSP)
Length of field	1
Column positions	483 – 483
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU ≠ 1 (Yes)

Question number	17b5
Data element name	NPFTDT5
Version	11
NP form question	FTLD-tau subtype — argyrophilic grains
Length of field	1
Column positions	485 – 485
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b6
Data element name	NPFTDT6
Version	11
NP form question	FTLD-tau subtype — other 4R tauopathy (includes sporadic multiple systems tauopathy, globular glial tauopathy, <i>MAPT</i> mutation tauopathy)
Length of field	1
Column positions	487 – 487
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b7
Data element name	NPFTDT7
Version	11
NP form question	FTLD-tau subtype — chronic traumatic encephalopathy
Length of field	1
Column positions	489 – 489
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b8
Data element name	NPFTDT8
Version	11
NP form question	FTLD-tau subtype — amyotrophic lateral sclerosis (ALS)/Parkinsonism-dementia Complex of Guam
Length of field	1
Column positions	491 – 491
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b9
Data element name	NPFTDT9
Version	11
NP form question	FTLD-tau subtype — tangle dominant disease
Length of field	1
Column positions	493 – 493
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17b10
Data element name	NPFTDT10
Version	11
NP form question	FTLD-tau subtype — other 3R + 4R tauopathy (includes unclassifiable, focal, glial only, <i>MAPT</i> mutation tauopathy, NOS)
Length of field	1
Column positions	495–495
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17a, NPFTDTAU, ≠ 1 (Yes)

Question number	17c
Data element name	NPFTDTDP
Version	11
NP form question	FTLD with TDP-43 pathology (FTLD-TDP)
Length of field	1
Column positions	497–497
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	17d
Data element name	NPALSMND
Version	11
NP form question	ALS/motor neuron disease (MND) present
Length of field	1
Column positions	499–499
Data type	Numeric
Allowable codes	0 = No 1 = Yes, with TDP-43 inclusions in motor neurons 2 = Yes, with FUS inclusions in motor neurons 3 = Yes, with SOD1 inclusions in motor neurons 4 = Yes, with other inclusions 5 = Yes, with no specific inclusions 8 = Not assessed 9 = Missing/unknown

Question number	17e
Data element name	NPOFTD
Version	11
NP form question	Other FTLD
Length of field	1
Column positions	501 – 501
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #17e, FPOFTD, ≠ 1, then skip to #18a, NPARTAG

Question number	17f1
Data element name	NPOFTD1
Version	11
NP form question	Other FTLD subtype — atypical FTLD-U (aFTLD-U)
Length of field	1
Column positions	503 – 503
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17e, NPOFTD, ≠ 1 (Yes)

Question number	17f2
Data element name	NPOFTD2
Version	11
NP form question	Other FTLD subtype — NIFID (neuronal intermediate filament inclusions disease)
Length of field	1
Column positions	505 – 505
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17e, NPOFTD, ≠ 1 (Yes)

Question number	17f3
Data element name	NPOFTD3
Version	11
NP form question	Other FTLD subtype — BIBD (basophilic inclusion body disease)
Length of field	1
Column positions	507–507
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17e, NPOFTD, ≠ 1 (Yes)

Question number	17f4
Data element name	NPOFTD4
Version	11
NP form question	Other FTLD subtype — FTLD-UPS (ubiquitin-proteasome system [ubiquitin or p62 positive, tau/TDP-43/FUS negative inclusions])
Length of field	1
Column positions	509–509
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17e, NPOFTD, ≠ 1 (Yes)

Question number	17f5
Data element name	NPOFTD5
Version	11
NP form question	Other FTLD subtype — FTLD-NOS (includes dementia lacking distinctive histology (DLDH) and FTLD with no inclusions (FTLD-NI) detected by tau, TDP-43, or ubiquitin/p62 IHC)
Length of field	1
Column positions	511–511
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #17e, NPOFTD, ≠ 1 (Yes)

Question number	18a
Data element name	NPARTAG
Version	11
NP form question	Is ARTAG pathology present?
Length of field	1
Column positions	513-513
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #18a, NPARTAG, ≠ 1 (Yes), skip to 19a NPPDXA

Question number	18b
Data element name	NPATGSEV
Version	11
NP form question	Overall severity of ARTAG pathology
Length of field	1
Column positions	515-515
Data type	Numeric
Allowable codes	0 = None 1 = Mild 2 = Moderate 3 = Severe 8 = Not assessed
Blanks	Blank if #18a, NPARTAG ≠ 1 (Yes)

Question number	18c
Data element name	NPATGAMY
Version	11
NP form question	Is ARTAG pathology present in the AMYGDALA?
Length of field	1
Column positions	517-517
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #18c, NPATGAMY, ≠ 1 (Yes), skip to 18e NPATGFRN
Blanks	Blank if #18a, NPARTAG ≠ 1 (Yes)

Question number	18d1
Data element name	NPATGAM1
Version	11
NP form question	Localization of ARTAG pathology in the amygdala: Subpial
Length of field	1
Column positions	519-519
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG \neq 1 (Yes) or #18c, NPATGAMY \neq 1 (Yes)

Question number	18d2
Data element name	NPATGAM2
Version	11
NP form question	Localization of ARTAG pathology in the amygdala: Subependymal
Length of field	1
Column positions	521-521
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG \neq 1 (Yes) or #18c, NPATGAMY \neq 1 (Yes)

Question number	18d3
Data element name	NPATGAM3
Version	11
NP form question	Localization of ARTAG pathology in the amygdala: Gray matter
Length of field	1
Column positions	523-523
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG \neq 1 (Yes) or #18c, NPATGAMY \neq 1 (Yes)

Question number	18d4
Data element name	NPATGAM4
Version	11
NP form question	Localization of ARTAG pathology in the amygdala: White matter
Length of field	1
Column positions	525-525
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ≠ 1 (Yes) or #18c, NPATGAMY ≠ 1 (Yes)

Question number	18d5
Data element name	NPATGAM5
Version	11
NP form question	Localization of ARTAG pathology in the amygdala: Perivascular
Length of field	1
Column positions	527-527
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ≠ 1 (Yes) or #18c, NPATGAMY ≠ 1 (Yes)

Question number	18e
Data element name	NPATGFRN
Version	11
NP form question	Is ARTAG pathology present in the FRONTAL NEOCORTEX?
Length of field	1
Column positions	529-529
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown
Skip	If #18e, NPATGFRN, ≠ 1 (Yes), skip to 19a NPPDXA
Blanks	Blank if #18a, NPARTAG ≠ 1 (Yes) or #18c, NPATGAMY ≠ 1 (Yes)

Question number	18f1
Data element name	NPATGFR1
Version	11
NP form question	Localization of ARTAG pathology in the frontal neocortex: Subpial
Length of field	1
Column positions	531-531
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ne 1 (Yes) or #18e, NPATGFRN ne 1 (Yes)

Question number	18f2
Data element name	NPATGFR2
Version	11
NP form question	Localization of ARTAG pathology in the frontal neocortex: Gray matter
Length of field	1
Column positions	533-533
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ne 1 (Yes) or #18e, NPATGFRN ne 1 (Yes)

Question number	18f3
Data element name	NPATGFR3
Version	11
NP form question	Localization of ARTAG pathology in the frontal neocortex: White matter
Length of field	1
Column positions	535-535
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ne 1 (Yes) or #18e, NPATGFRN ne 1 (Yes)

Question number	18f4
Data element name	NPATGFR4
Version	11
NP form question	Localization of ARTAG pathology in the frontal neocortex: Perivascular
Length of field	1
Column positions	537-537
Data type	Numeric
Allowable codes	0 = None 1 = Focal 2 = Widespread 8 = Not assessed 9 = Missing/unknown
Blanks	Blank if #18a, NPARTAG ne 1 (Yes) or #18e, NPATGFRN ne 1 (Yes)

Question number	19a
Data element name	NPPDXA
Version	11
NP form question	Pigment-spheroid degeneration/NBIA
Length of field	1
Column positions	539-539
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19b
Data element name	NPPDXB
Version	11
NP form question	Multiple system atrophy
Length of field	1
Column positions	541-541
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19c
Data element name	NPPDXC
Version	11
NP form question	Prion disease
Length of field	1
Column positions	543-543
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19d
Data element name	NPPDXD
Version	11
NP form question	Trinucleotide disease (Huntington disease, SCA, other)
Length of field	1
Column positions	545-545
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19e
Data element name	NPPDXE
Version	11
NP form question	Malformation of cortical development
Length of field	1
Column positions	547-547
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19f
Data element name	NPPDXF
Version	11
NP form question	Metabolic/storage disorder of any type
Length of field	1
Column positions	549-549
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19g
Data element name	NPPDXG
Version	11
NP form question	WM disease, leukodystrophy
Length of field	1
Column positions	551-551
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19h
Data element name	NPPDXH
Version	11
NP form question	WM disease, multiple sclerosis or other demyelinating disease
Length of field	1
Column positions	553-553
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19i
Data element name	NPPDXI
Version	11
NP form question	Contusion/traumatic brain injury of any type, acute
Length of field	1
Column positions	555-555
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19j
Data element name	NPPDXJ
Version	11
NP form question	Contusion/traumatic brain injury of any type, Chronic
Length of field	1
Column positions	557-557
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19k
Data element name	NPPDXK
Version	11
NP form question	Neoplasm, primary
Length of field	1
Column positions	559-559
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19l
Data element name	NPPDXL
Version	11
NP form question	Neoplasm, metastatic
Length of field	1
Column positions	561-561
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19m
Data element name	NPPDXM
Version	11
NP form question	Infectious process of any type (encephalitis, abscess, etc.)
Length of field	1
Column positions	563-563
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19n
Data element name	NPPDXN
Version	11
NP form question	Herniation, any site
Length of field	1
Column positions	565-565
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19o
Data element name	NPPDXO
Version	11
NP form question	Trisomy 21/Down syndrome
Length of field	1
Column positions	567-567
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19p
Data element name	NPPDXP
Version	11
NP form question	AD-related genes
Length of field	1
Column positions	569-569
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19q
Data element name	NPPDXQ
Version	11
NP form question	FTLD-related genes
Length of field	1
Column positions	571-571
Data type	Numeric
Allowable codes	0 = No 1 = Yes 8 = Not assessed 9 = Missing/unknown

Question number	19r
Data element name	NPPDXR
Version	11
NP form question	First other pathologic diagnosis
Length of field	1
Column positions	573-573
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	19r1
Data element name	NPPDXRX
Version	11
NP form question	First other pathologic diagnosis specify
Length of field	30
Column positions	575-604
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #19r, NPPDXR, = 0 (No)

Question number	19s
Data element name	NPPDXS
Version	11
NP form question	Second other pathologic diagnosis
Length of field	1
Column positions	606-606
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	19s1
Data element name	NPPDXSX
Version	11
NP form question	Second other pathologic diagnosis specify
Length of field	30
Column positions	608-637
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #19s, NPPDXS, = 0 (No)

Question number	19t
Data element name	NPPDXT
Version	11
NP form question	Third other pathologic diagnosis
Length of field	1
Column positions	639-639
Data type	Numeric
Allowable codes	0 = No 1 = Yes

Question number	19t1
Data element name	NPPDXTX
Version	11
NP form question	Third other pathologic diagnosis specify
Length of field	30
Column positions	641-670
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #19t, NPPDXT, = 0 (No)

Question number	20a
Data element name	NPBNKA
Version	11
NP form question	Banked frozen brain or half brain
Length of field	1
Column positions	672-672
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20b
Data element name	NPBNKB
Version	11
NP form question	Banked frozen wedge of cerebellum or other sample for future DNA prep
Length of field	1
Column positions	674-674
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20c
Data element name	NPBNKC
Version	11
NP form question	Formalin- or paraformaldehyde-fixed brain
Length of field	1
Column positions	676-676
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20d
Data element name	NPBNKD
Version	11
NP form question	Paraffin-embedded blocks of brain regions
Length of field	1
Column positions	678-678
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20e
Data element name	NPBNKE
Version	11
NP form question	Banked postmortem CSF
Length of field	1
Column positions	680-680
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20f
Data element name	NPBNKF
Version	11
NP form question	Banked postmortem blood or serum
Length of field	1
Column positions	682-682
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20g
Data element name	NPBNKG
Version	11
NP form question	Banked DNA
Length of field	1
Column positions	684-684
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20h
Data element name	NPFAUT
Version	11
NP form question	Full autopsy performed
Length of field	1
Column positions	686-686
Data type	Numeric
Allowable codes	0 = No 1 = Yes 9 = Missing/unknown

Question number	20h1
Data element name	NPFAUT1
Version	11
NP form question	If full autopsy, first major finding
Length of field	60
Column positions	688-747
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #20h, NPFAUT, ≠ 1 (Yes)

Question number	20h2
Data element name	NPFAUT2
Version	11
NP form question	If full autopsy, second major finding
Length of field	60
Column positions	749-808
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #20h, NPFAUT, ≠ 1 (Yes)

Question number	20h3
Data element name	NPFAUT3
Version	11
NP form question	If full autopsy, third major finding
Length of field	60
Column positions	810-869
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #20h, NPFAUT, ≠ 1 (Yes)

Question number	20h4
Data element name	NPFAUT4
Version	11
NP form question	If full autopsy, fourth major finding
Length of field	60
Column positions	871-930
Data type	Character
Allowable codes	Any text or numbers except for single quotes, double quotes, ampersands, or percentage signs
Blanks	Blank if #20h, NPFAUT, ≠ 1 (Yes)

Question number	21
Data element name	FORMVER
Version	11
NP form question	Form version
Length of field	2
Column positions	932-933
Data type	Numeric
Allowable codes	11