



# Wave VI

## Neurodegeneration

### Codebook



## Acknowledgement:

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**Important Note: The above acknowledgement should be included in all presentations and publications using data from Wave VI of Add Health.**



## Wave VI: Neurodegeneration

Title	Wave VI: Neurodegeneration
File Name	bneuro6.sas7bdat
Case Quantity	6073
Variable Count	8



### AID - PARTICIPANT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Participant Identifier

Valid	Invalid
6,073	0



### H6NFL - NEUROFILAMENT LIGHT (NFL, PG/ML) -W6

Type	Numeric (Double)
Measurement Unit	Numeric
H6NFL	Neurofilament Light assay results (pg/mL)

			Frequency	% of total	% of valid
Missing	.	missing	749	12.33%	
		Total	749	12.33%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5,324	749	0.587	751.849	10.05714	18.41865



### H6TAU - TAU PROTEIN (TAU, PG/ML) -W6

Type	Numeric (Double)
Measurement Unit	Numeric
H6TAU	Tau protein assay results (pg/mL)

			Frequency	% of total	% of valid
Missing	.	missing	750	12.35%	
		Total	750	12.35%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5,323	750	0.135	397.829	4.68924	6.60786



### H6GFAP - GLIAL FA PROTEIN(GFAP, PG/ML) -W6

Type	Numeric (Double)
Measurement Unit	Numeric
H6GFAP	Glial Fibrillary Acidic Protein assay results (pg/mL)

			Frequency	% of total	% of valid
Missing	.	missing	755	12.43%	
		Total	755	12.43%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5,318	755	0.02	2,002.883	85.0098	54.36868

### H6NFLFL - FLAG: NFL CONCENTRATION TYPE -W6

Type	Code		
Measurement Unit	Numeric		
H6NFLFL	FLAG indicating Nfl concentration type		

			Frequency	% of total	% of valid
Valid	1	NfL concentration is below the lower LOD (< 1.864 pg/ml) - missing	6	0.1%	0.11%
	2	NfL concentration is below the lower LOD (< 1.864 pg/ml), but extrapolated	2	0.03%	0.04%
	3	NfL concentration is within the LODs (1.864 - 1448 pg/ml)	5,322	87.63%	99.85%
		Total	5,330	87.77%	100%
Missing	.	not applicable (no NfL result)	743	12.23%	
		Total	743	12.23%	

Valid	Invalid	Minimum	Maximum
5,330	743	1	3

### H6TAUFL - FLAG: TAU CONCENTRATION TYPE -W6

Type	Code		
Measurement Unit	Numeric		
H6TAUFL	FLAG indicating TAU concentration type		

			Frequency	% of total	% of valid
Valid	1	Tau concentration is below the lower LOD (< 0.616 pg/ml) - missing	7	0.12%	0.13%
	2	Tau concentration is below the lower LOD (< 0.616 pg/ml), but extrapolated	50	0.82%	0.94%
	3	Tau concentration is within the LODs (0.616 - 312.000 pg/ml)	5,272	86.81%	98.91%
	4	Tau concentration is above the upper LOD (> 312.000 pg/ml), but extrapolated	1	0.02%	0.02%
		Total	5,330	87.77%	100%
Missing	.	not applicable (no TAU result)	743	12.23%	

		Total	743	12.23%	
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Valid	Invalid	Minimum	Maximum
5,330	743	1	4

### H6GFAPFL - FLAG: GFAP CONCENTRATION TYPE -W6

Type	Code
Measurement Unit	Numeric
H6GFAPFL	FLAG indicating GFAP concentration type

			Frequency	% of total	% of valid
Valid	1	GFAP concentration is below the lower LOD (< 4.00 pg/ml) - missing	11	0.18%	0.21%
	2	GFAP concentration is below the lower LOD (< 4.00 pg/ml), but extrapolated	39	0.64%	0.73%
	3	GFAP concentration is within the LODs (4 - 3260 pg/ml)	5,279	86.93%	99.06%
		Total	5,329	87.75%	100%
Missing	.	not applicable (no GFAP result)	744	12.25%	
		Total	744	12.25%	

Valid	Invalid	Minimum	Maximum
5,329	744	1	3

### H6EPKALZ - FLAG: ANTIPARKINSON/ALZHEIMER'S MED USE -W6

Type	Code
Measurement Unit	Numeric
H6EPKALZ	FLAG indicating participant took an antiParkinson's/Alzheimer's medication in the past 4 weeks

			Frequency	% of total	% of valid
Valid	0	no	5,978	98.44%	99.52%
	1	yes	29	0.48%	0.48%
		Total	6,007	98.91%	100%
Missing	-9994	exam stopped prior to the medication questions	44	0.72%	
	-9996	refused	9	0.15%	
	-9998	medication could not be classified	2	0.03%	
	-9999	participant reported taking prescription medication(s), but specific medication(s) not reported	11	0.18%	
		Total	66	1.09%	

Valid	Invalid	Minimum	Maximum
6,007	66	0	1