

## Codebook

<b>Dataset name:</b>	df0
<b>Dataset size:</b>	36.3 Mb
<b>Column count:</b>	45
<b>Row count:</b>	150,802
<b>Updated date:</b>	2025-11-16

### Column Attributes:

1	Column name:	hhidpn			
Column description:		HRS person identifier			
Data type:		Numeric			
Unique non-missing value count:		31,456			
Missing value count:		0			
	Min	Mean	Median	Max	SD
	3010.00	313137066.66	205838020.00	959738010.00	273517284.38
2	Column name:	year			
Column description:		Calender Year of HRS wave			
Data type:		Numeric			
Unique non-missing value count:		8			
Missing value count:		0			
	Min	Mean	Median	Max	SD
	2006.00	2012.84	2012.00	2020.00	4.43
3	Column name:	wave			
Column description:		HRS wave number			
Data type:		Numeric			
Unique non-missing value count:		8			
Missing value count:		0			
	Min	Mean	Median	Max	SD

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8.00	11.42	11.00	15.00	2.21
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**4 Column name: age\_cont**

Column description: Age (Years)

Data type: Numeric

Unique non-missing value count: 88

Missing value count: 0

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Min	Mean	Median	Max	SD
18.00	67.20	66.00	109.00	11.45

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**5 Column name: male**

Column description: Whether Male

Data type: Factor

Unique non-missing value count: 2

Missing value count: 0

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Categories	Frequency	Cumulative Frequency	Percent
No	88,649	88,649	58.79
Yes	62,153	150,802	41.21

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**6 Column name: race**

Column description: Race

Data type: Factor

Unique non-missing value count: 3

Missing value count: 385

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Categories	Frequency	Cumulative Frequency	Percent
White/Caucasian	108,184	108,184	71.74
Black/African American	28,760	136,944	19.07
Other	13,473	150,417	8.93
Missing	385	150,802	0.26

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<b>7</b>	<b>Column name:</b>	<b>hispanic</b>
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Column description:	Whether Hispanic		
Data type:	Factor		
Unique non-missing value count:	2		
Missing value count:	168		
Categories	Frequency	Cumulative Frequency	Percent
No	129,884	129,884	86.13
Yes	20,750	150,634	13.76
Missing	168	150,802	0.11

<b>8</b>	<b>Column name:</b>	<b>ed_cont</b>
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Column description:	Participant Years of Education			
Data type:	Numeric			
Unique non-missing value count:	18			
Missing value count:	566			
Min	Mean	Median	Max	SD
0.00	12.66	12.00	17.00	3.25

<b>9</b>	<b>Column name:</b>	<b>proxy</b>
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Column description:	Whether Proxy Interview		
Data type:	Factor		
Unique non-missing value count:	2		
Missing value count:	0		
Categories	Frequency	Cumulative Frequency	Percent
No	142,500	142,500	94.49
Yes	8,302	150,802	5.51

<b>10</b>	<b>Column name:</b>	<b>imrc</b>
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Column description:	Immediate Recall Score
Data type:	Numeric

Unique non-missing value count:	11			
Missing value count:	39,788			
Min	Mean	Median	Max	SD
0.00	5.35	5.00	10.00	1.70

<b>11</b>	<b>Column name:</b>	<b>dlrc</b>
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Column description:	Delayed Recall Score			
Data type:	Numeric			
Unique non-missing value count:	11			
Missing value count:	39,788			
Min	Mean	Median	Max	SD
0.00	4.30	4.00	10.00	2.02

<b>12</b>	<b>Column name:</b>	<b>mo</b>
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Column description:	Can recall: Month		
Data type:	Factor		
Unique non-missing value count:	2		
Missing value count:	80,094		
Categories	Frequency	Cumulative Frequency	Percent
No	3,038	3,038	2.01
Yes	67,670	70,708	44.87
Missing	80,094	150,802	53.11

<b>13</b>	<b>Column name:</b>	<b>dy</b>
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Column description:	Can recall: Day of the month		
Data type:	Factor		
Unique non-missing value count:	2		
Missing value count:	80,094		
Categories	Frequency	Cumulative Frequency	Percent
No	14,148	14,148	9.38

Yes	56,560	70,708	37.51
Missing	80,094	150,802	53.11

<b>14</b>	<b>Column name:</b>	<b>yr</b>
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Column description:	Can recall: Year
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	80,094

Categories	Frequency	Cumulative Frequency	Percent
No	3,086	3,086	2.05
Yes	67,622	70,708	44.84
Missing	80,094	150,802	53.11

<b>15</b>	<b>Column name:</b>	<b>dw</b>
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Column description:	Can recall: Day of the week
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	80,094

Categories	Frequency	Cumulative Frequency	Percent
No	3,130	3,130	2.08
Yes	67,578	70,708	44.81
Missing	80,094	150,802	53.11

<b>16</b>	<b>Column name:</b>	<b>bwc20</b>
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Column description:	Backwards count from 20
Data type:	Factor
Unique non-missing value count:	3
Missing value count:	39,788

Categories	Frequency	Cumulative Frequency	Percent
Incorrect	7,493	7,493	4.97

Correct, 2nd try	434	7,927	0.29
Correct, 1st try	103,087	111,014	68.36
Missing	39,788	150,802	26.38

17	Column name:	ser7			
Column description:	Number of correct subtractions in the serial 7s test				
Data type:	Numeric				
Unique non-missing value count:	6				
Missing value count:	39,788				
	Min	Mean	Median	Max	SD
	0.00	3.43	4.00	5.00	1.69

18	Column name:	cact		
Column description:	Can correctly name: Cactus			
Data type:	Factor			
Unique non-missing value count:	2			
Missing value count:	80,094			
	Categories	Frequency	Cumulative Frequency	Percent
	No	6,168	6,168	4.09
	Yes	64,540	70,708	42.80
	Missing	80,094	150,802	53.11

19	Column name:	scis		
Column description:	Can correctly name: Scissors			
Data type:	Factor			
Unique non-missing value count:	2			
Missing value count:	80,094			
	Categories	Frequency	Cumulative Frequency	Percent
	No	1,050	1,050	0.70
	Yes	69,658	70,708	46.19

Missing	80,094	150,802	53.11
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<b>20</b>	<b>Column name:</b>	<b>pres</b>			
Column description:		Can correctly name: President			
Data type:		Factor			
Unique non-missing value count:		2			
Missing value count:		80,094			
Categories					
Frequency					
No	2,441	2,441	1.62		
Yes	68,267	70,708	45.27		
Missing	80,094	150,802	53.11		
<b>21</b>	<b>Column name:</b>	<b>vp</b>			
Column description:		Can correctly name: Vice President			
Data type:		Factor			
Unique non-missing value count:		2			
Missing value count:		80,094			
Categories					
Frequency					
No	25,080	25,080	16.63		
Yes	45,628	70,708	30.26		
Missing	80,094	150,802	53.11		
<b>22</b>	<b>Column name:</b>	<b>prmem</b>			
Column description:		Proxy-rated: Memory			
Data type:		Factor			
Unique non-missing value count:		5			
Missing value count:		142,525			
Categories					
Frequency					
Excellent	814	814	0.54		
Very good	1,517	2,331	1.01		

Good	1,673	4,004	1.11
Fair	1,667	5,671	1.11
Poor	2,606	8,277	1.73
Missing	142,525	150,802	94.51

<b>23</b>	<b>Column name:</b>	<b>lost</b>
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Column description:	Ever gets lost in familiar environments
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	144,514

Categories	Frequency	Cumulative Frequency	Percent
No	4,326	4,326	2.87
Yes	1,962	6,288	1.30
Missing	144,514	150,802	95.83

<b>24</b>	<b>Column name:</b>	<b>wander</b>
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Column description:	Ever wanders off and doesn't return on their own
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	144,424

Categories	Frequency	Cumulative Frequency	Percent
No	5,830	5,830	3.87
Yes	548	6,378	0.36
Missing	144,424	150,802	95.77

<b>25</b>	<b>Column name:</b>	<b>alone</b>
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Column description:	Can be left alone for an hour or so
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	144,402

Categories	Frequency	Cumulative Frequency	Percent
No	1,576	1,576	1.05
Yes	4,824	6,400	3.20
Missing	144,402	150,802	95.76

<b>26</b>	<b>Column name:</b>	<b>haluc</b>
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Column description:	Ever sees or hears things that aren't really there
Data type:	Factor
Unique non-missing value count:	2
Missing value count:	144,547

Categories	Frequency	Cumulative Frequency	Percent
No	4,858	4,858	3.22
Yes	1,397	6,255	0.93
Missing	144,547	150,802	95.85

<b>27</b>	<b>Column name:</b>	<b>iqcode_mean</b>
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Column description:	Informant Questionnaire on Cognitive Decline (IQCODE) average score
Data type:	Numeric
Unique non-missing value count:	242
Missing value count:	144,412

Min	Mean	Median	Max	SD
1.00	3.66	3.31	5.00	0.81

<b>28</b>	<b>Column name:</b>	<b>adl5h</b>
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Column description:	Summary measure: Activities of Daily Living (ADL)
Data type:	Numeric
Unique non-missing value count:	6
Missing value count:	0

Min	Mean	Median	Max	SD
0.00	0.22	0.00	5.00	0.80

<b>29</b>	<b>Column name:</b>	<b>iadl5h</b>
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Column description: Summary measure: Instrumental Activities of Daily Living (IADL)

Data type: Numeric

Unique non-missing value count: 6

Missing value count: 0

Min	Mean	Median	Max	SD
0.00	0.32	0.00	5.00	0.94

<b>30</b>	<b>Column name:</b>	<b>shlt</b>
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Column description: Self-report of health

Data type: Factor

Unique non-missing value count: 5

Missing value count: 141

Categories	Frequency	Cumulative Frequency	Percent
Excellent	13,305	13,305	8.82
Very good	43,036	56,341	28.54
Good	49,122	105,463	32.57
Fair	32,968	138,431	21.86
Poor	12,230	150,661	8.11
Missing	141	150,802	0.09

<b>31</b>	<b>Column name:</b>	<b>diabe</b>
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Column description: Ever had: Diabetes

Data type: Factor

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
No	114,330	114,330	75.81
Yes	36,472	150,802	24.19

<b>32</b>	<b>Column name:</b>	<b>hibpe</b>
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Column description: Ever had: High blood pressure

Data type: Factor

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
No	61,194	61,194	40.58
Yes	89,608	150,802	59.42

<b>33</b>	<b>Column name:</b>	<b>bmi_cont</b>
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Column description: Body Mass Index (kg/m^2)

Data type: Numeric

Unique non-missing value count: 470

Missing value count: 98,865

Min	Mean	Median	Max	SD
0.20	29.74	29.00	82.60	6.19

<b>34</b>	<b>Column name:</b>	<b>smoke_3cat</b>
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Column description: Smoking Status

Data type: Character

Unique non-missing value count: 3

Missing value count: 1,004

Categories	Frequency	Cumulative Frequency	Percent
Current	20,755	20,755	13.76
Former	62,319	83,074	41.33
Never	66,724	149,798	44.25
Missing	1,004	150,802	0.67

<b>35</b>	<b>Column name:</b>	<b>drink</b>
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Column description: Ever drinks any alcohol

Data type:	Factor		
Unique non-missing value count:	2		
Missing value count:	87		
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Categories	Frequency	Cumulative Frequency	Percent
No	68,927	68,927	45.71
Yes	81,788	150,715	54.24
Missing	87	150,802	0.06

36	Column name:	mstat	
Column description:		Merital status	
Data type:		Factor	
Unique non-missing value count:		8	
Missing value count:		141	
Categories	Frequency	Cumulative Frequency	Percent
Married	85,608	85,608	56.77
Married, spouse absent	1,437	87,045	0.95
Partnered	7,825	94,870	5.19
Separated	3,255	98,125	2.16
Divorced	17,554	115,679	11.64
Separated/Divorced	31	115,710	0.02
Widowed	27,467	143,177	18.21
Never married	7,484	150,661	4.96
Missing	141	150,802	0.09

37	Column name:	sayret	
Column description:		Retirement status	
Data type:		Factor	
Unique non-missing value count:		4	
Missing value count:		4,430	
Categories	Frequency	Cumulative Frequency	Percent

Not retired	50,331	50,331	33.38
Completely retired	71,301	121,632	47.28
Partly retired	16,878	138,510	11.19
Question irrelevant	7,862	146,372	5.21
Missing	4,430	150,802	2.94

38	Column name:	volunteer_children_young					
Column description:	Volunteer with Children/Young People						
Data type:	Factor						
Unique non-missing value count:	9						
Missing value count:	107,623						
	Categories	Frequency	Cumulative Frequency	Percent			
	Yes	4,296	4,296	2.85			
	No	3,190	7,486	2.12			
	Daily	430	7,916	0.29			
	Several times a week	767	8,683	0.51			
	Once a week	1,065	9,748	0.71			
	Several times a month	1,151	10,899	0.76			
	At least once a month	1,904	12,803	1.26			
	Not in the last month	11,337	24,140	7.52			
	Never/Not Relevant	19,039	43,179	12.63			
	Missing	107,623	150,802	71.37			

39	Column name:	volunteer_other					
Column description:	Other Volunteer/Charity Work						
Data type:	Factor						
Unique non-missing value count:	9						
Missing value count:	107,608						
	Categories	Frequency	Cumulative Frequency	Percent			
	Yes	1,010	1,010	0.67			

No	6,433	7,443	4.27
Daily	412	7,855	0.27
Several times a week	1,574	9,429	1.04
Once a week	1,929	11,358	1.28
Several times a month	2,339	13,697	1.55
At least once a month	3,624	17,321	2.40
Not in the last month	10,879	28,200	7.21
Never/Not Relevant	14,994	43,194	9.94
Missing	107,608	150,802	71.36

40	Column name:	cog_impair_2cat					
Column description:	Herzog-Wallace Cognitive Impairment Classification						
Data type:	Numeric						
Unique non-missing value count:	2						
Missing value count:	80,094						
	Categories	Frequency	Cumulative Frequency	Percent			
	0	69,355	69,355	45.99			
	1	1,353	70,708	0.90			
	Missing	80,094	150,802	53.11			

41	Column name:	langa_weir_2cat					
Column description:	Lange and Weir Cognition Classification						
Data type:	Numeric						
Unique non-missing value count:	2						
Missing value count:	31,512						
	Categories	Frequency	Cumulative Frequency	Percent			
	0	110,279	110,279	73.13			
	1	9,011	119,290	5.98			
	Missing	31,512	150,802	20.90			

42	Column name:	hurd_dem		
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Column description:	Hurd model dementia classification using race/ethnicity-specific cutoffs		
Data type:	Numeric		
Unique non-missing value count:	2		
Missing value count:	92,817		

Categories	Frequency	Cumulative Frequency	Percent
0	46,966	46,966	31.14
1	11,019	57,985	7.31
Missing	92,817	150,802	61.55

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<b>43</b>	<b>Column name:</b>	<b>expert_dem</b>
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Column description:	Expert model dementia classification using race/ethnicity-specific cutoffs		
Data type:	Numeric		
Unique non-missing value count:	2		
Missing value count:	92,558		
Categories	Frequency	Cumulative Frequency	Percent
0	46,256	46,256	30.67
1	11,988	58,244	7.95
Missing	92,558	150,802	61.38

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<b>44</b>	<b>Column name:</b>	<b>lasso_dem</b>
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Column description:	LASSO model dementia classification using race/ethnicity-specific cutoffs		
Data type:	Numeric		
Unique non-missing value count:	2		
Missing value count:	96,556		
Categories	Frequency	Cumulative Frequency	Percent
0	43,141	43,141	28.61
1	11,105	54,246	7.36
Missing	96,556	150,802	64.03

<b>45</b>	<b>Column name:</b>	<b>int_proxy_cog_rating</b>		
	Column description:	Interviewer proxy cognitive rating		
	Data type:	Factor		
	Unique non-missing value count:	3		
	Missing value count:	142,501		
Categories	Frequency	Cumulative Frequency		Percent
No cognitive limitations	3,642	3,642		2.42
May have some cognitive limitations, but could probably do the interview	600	4,242		0.40
Has cognitive limitations that prevent from being interviewed	4,059	8,301		2.69
Missing	142,501	150,802		94.50