

*National Longitudinal Study of  
Adolescent Health*

*Wave III  
Mobility Data  
Codebook*

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Persons interested in obtaining data files from Add Health should contact Add Health, Carolina Population Center, 123 W. Franklin Street, Chapel Hill, NC 27516-2524 ([addhealth@unc.edu](mailto:addhealth@unc.edu).)

## Add Health Mobility Indicators

**Filename:** w3mobind.xpt

### Description

W3MOBIND reports the distance between each respondent's geocoded point location for each survey wave and that respondent's school location, along with the respondent's move distance between each survey wave. That is, the distance between the respondents' point locations in different wave.

The distances are Euclidean ("straight-line") measures between the point pairs and are reported in meters. Move distances less than ¼ mile (402.336 meters) were rounded down to zero and all other distances were rounded to the nearest whole meter. Move distances less than ¼ mile were considered inconsequential and/or attributable to geocoding error.

The replacement code 9999999 indicates that a distance could not be calculated, because the respondent did not take part in Wave II and/or Wave III.

### Variable Listing

<b>Variable Name</b>	<b>Variable Description</b>
W3MI1_1	Distance between school and Wave 1 location in meters
W3MI1_2	Distance between school and Wave 2 location in meters
W3MI1_3	Distance between school and Wave 3 location in meters
W3MI2_12	Distance between Wave 1 to Wave 2 locations in meters
W3MI2_13	Distance between Wave 1 to Wave 3 locations in meters
W3MI2_23	Distance between Wave 2 to Wave 3 locations in meters

**W3MOBIND: Wave III Mobility Indicators Data**

Wave III Mobility Indicators Data

<b>AID</b>		Str 8	Respondent Identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10316952	
1	0.0%	10506342	
1	0.0%	10570810	
1	0.0%	10606128	
20735	100.0%	10676355-99886994	NOTE: Range of values omitted from display
1	0.0%	99886995	
1	0.0%	99886996	
1	0.0%	99886997	
1	0.0%	99886998	
1	0.0%	99886999	

<b>W3MI1_1</b>		Num 4	Distance between school and Wave 1 location NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
229	1.1%	0	0
41	0.2%	1	1
1	0.0%	8	8
2	0.0%	9	9
2	0.0%	10	10
20465	98.7%	12-113199	NOTE: Range of values omitted from display

1	0.0%	113263	113263
1	0.0%	113462	113462
1	0.0%	117084	117084
1	0.0%	118274	118274
1	0.0%	120054	120054

<b>W3MI1_2</b>		Num 4	Distance between school and Wave 2 location NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.1%	0	0
3	0.0%	8	8
1	0.0%	9	9
1	0.0%	11	11
1	0.0%	12	12
14640	70.6%	14-2903628	NOTE: Range of values omitted from display
1	0.0%	4052477	4052477
1	0.0%	4203614	4203614
1	0.0%	4208593	4208593
1	0.0%	4221541	4221541
6069	29.3%	9999999	Data Not Available

<b>W3MI1_3</b>		Num 4	Distance between school and Wave 3 location NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	8	8
1	0.0%	10	10
1	0.0%	13	13
1	0.0%	17	17

2	0.0%	18	18
14918	71.9%	20-7590562	NOTE: Range of values omitted from display
1	0.0%	7755034	7755034
1	0.0%	7757637	7757637
1	0.0%	7872022	7872022
1	0.0%	7988922	7988922
5817	28.0%	9999999	Data Not Available

<b>W3MI2_12</b>		Num 4	Distance between Wave 1 to Wave 2 locations NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
13378	64.5%	0	0
1	0.0%	408	408
1	0.0%	415	415
1	0.0%	416	416
1	0.0%	419	419
1290	6.2%	423-2903628	NOTE: Range of values omitted from display
1	0.0%	4052476	4052476
1	0.0%	4203613	4203613
1	0.0%	4208593	4208593
1	0.0%	4221541	4221541
6069	29.3%	9999999	Data Not Available

<b>W3MI2_13</b>		Num 4	Distance between Wave 1 to Wave 3 locations NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4745	22.9%	0	0
3	0.0%	404	404

1	0.0%	407	407
1	0.0%	408	408
2	0.0%	409	409
10172	49.0%	410-7600906	NOTE: Range of values omitted from display
1	0.0%	7750720	7750720
1	0.0%	7773616	7773616
1	0.0%	7872553	7872553
1	0.0%	8005703	8005703
5817	28.0%	9999999	Data Not Available

<b>W3MI2_23</b>		Num 4	Distance between Wave 2 to Wave 3 locations NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3691	17.8%	0	0
2	0.0%	404	404
1	0.0%	407	407
1	0.0%	411	411
2	0.0%	412	412
7643	36.8%	413-7263834	NOTE: Range of values omitted from display
1	0.0%	7371988	7371988
1	0.0%	7373980	7373980
1	0.0%	7773617	7773617
1	0.0%	7872553	7872553
9401	45.3%	9999999	Data Not Available