

*National Longitudinal Study of
Adolescent Health*

*Wave I
School Distance Measures
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.)

Add Health Wave I Distance to School

Filename: w1schdis.xpt

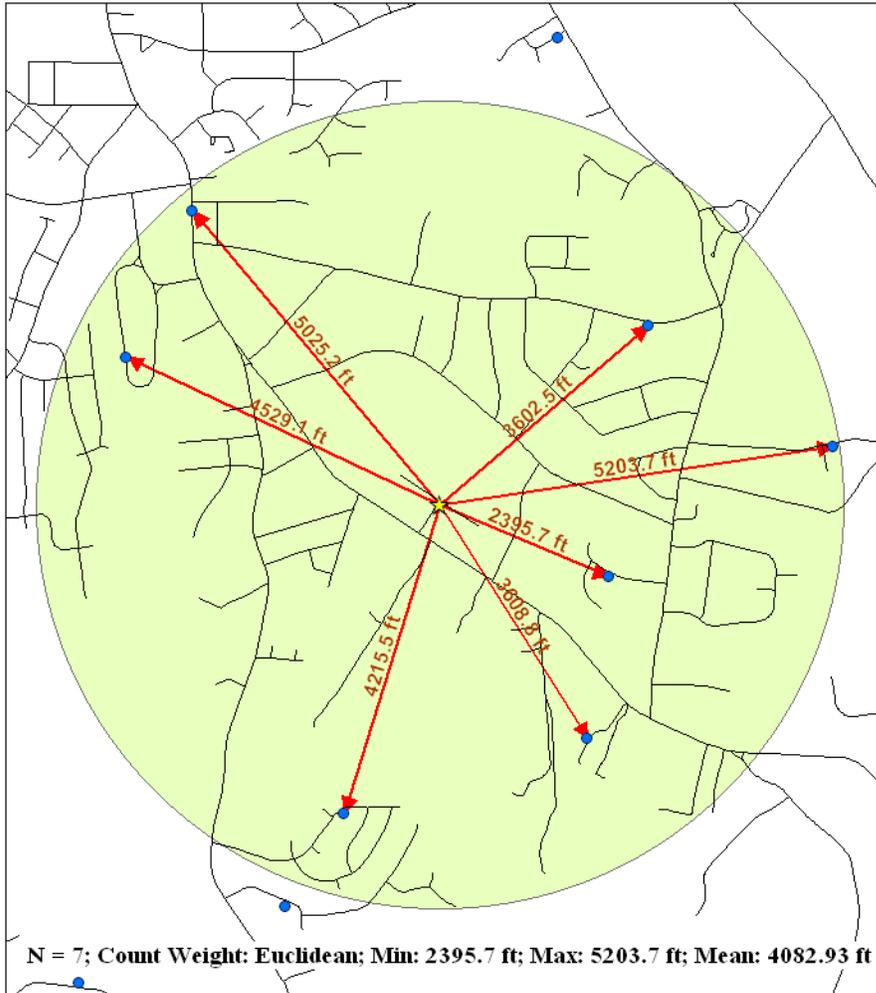
Description

W1SCHDIS contains the distance between the geocoded point locations of each respondent's Wave I location and that respondent's school. The distance value constructed is a Euclidean ("straight-line") distance measure between the two points (residential location and school location) in meters, calculated using standard spatial analytical methods.

In the case that a respondent's school identifier equaled 999, which was generally given to Wave I respondents who were added in the field to increase the genetic sample, the respondent was assigned a school code based on the school attended by that respondent's "sibling" at Wave I. This school was used to generate the Euclidean distance to school location for that respondent.

Figure 1 below shows illustrative examples of individual residential locations emanating from a central school location. The distances shown in Figure 1 represent the distances between the school and individual respondent residential locations.

Figure 1:
Counts and Euclidean Distances Within Euclidean Neighborhood



Variable Listing

Variable Name	Variable Label and Description
W1SD1	Distance to school in meters <ul style="list-style-type: none"> Distance of 0 (n=270) corresponds to respondents whose residential location was imputed to the school location (see Geocode Source data, W1GCODES).

W1SCHDIS: Wave I Distance to School Data

Wave I Distance to School Data

AID		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	

W1SD1		Num 4	Distance to School in Meters NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
270	1.3%	0	
1	0.0%	8	
2	0.0%	9	
2	0.0%	10	
1	0.0%	12	
20464	98.6%	13-113200	NOTE: Range of values omitted from display

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