



Chicago Public Schools
 Student Transportation Services
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Student Transportation Eligibility Distance Measurement

The official measuring system used within the Chicago Public Schools for determining student transportation eligibility is built into the CPS Student Information Management (SIM) automated system. No other measuring system is accepted. The legal home address for the student must be used to establish eligibility.

All distance measurements are made using the straight-line method with eight hundred-blocks to the mile (non map-based). Distance calculation is available to all schools as part of the Student Information Management (SIM) automated system, or through the Distance Calculator application. Parents may request the school to compute the distance for them.

Overview of Measuring System:

- ❑ The mileage measurement is a close approximation but is not map based.
- ❑ The system uses the North/South/East/West address coordinates of both the home and school addresses to determine the number of 100 blocks (or portions thereof – expressed in tenths). Eight hundred blocks equal 1 mile.
- ❑ The hundred blocks change when the addresses change to the next hundred: 121, 202, etc.
- ❑ Four hundred blocks North and four hundred blocks East equals one mile.

Example Calculation			
Address 1		Address 2	
Address - 700 W Willow St.		Address - 24 W Walton St.	
Coordinates: 1800 North - 0700 West		Coordinates: 0932 North - 0024 West	
North - South Calculation		East - West Calculation	
Coordinate	Hundred Blocks	Coordinate	Hundred Blocks
1800	18.00	700	7.00
932	9.32	24	0.24
Number	8.68	Number	6.76

Hundred Blocks	
North-South	8.68
East-West	6.76
Total	15.44
Calculated Distance*	1.93 Miles
*Divide Total Hundred Blocks by 8 (number of hundred blocks per mile)	