

Transportation Research Board: NCHRP 08-78 Estimating Bicycling and Walking for Planning and Project Development



Objective

Because walking and bicycling are difficult travel behaviors to track and transportation professionals must advance the ability to account for pedestrian and bicycle travel, the Transportation Research Board commissioned a research team to create a guidebook on estimating and forecasting bicycling and walking activity.

Approach

NuStats is the technical and research consultant on the project, taking the lead analysis role to identify, evaluate, and identifying secondary and regional databases with the necessary characteristics to support pedestrian and bicycle travel modeling and detail the relevant characteristics of the data.

Outcome

The ultimate product of the project will be a practitioner guidebook providing assistance in quantifying pedestrian and bicycle activity in relation to transportation as well as land use planning and policy evaluation. It is expected that significant breakthroughs in quantifying the relationship between non-motorized travel, travel behavior, and land use issues due to the unique nature of a research team comprised of some of the best analytic minds in the field of travel behavior modeling.

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