

Test-retest reliability coefficients for individual items of the Neighborhood Environment Walkability Scale.

Subscale	Item*	Test-retest reliability[†]
Residential density	Single-family	.76
	1-3 story townhouses or row houses	.63
	1-3 story apartments or condominiums	.82
	4-6 story apartments or condominiums	.39
	7-12 story apartments or condominiums	--- [‡]
	13+ story apartments or condominiums	--- [‡]
Land use mix-diversity	Walking proximity to a convenience / small grocery store	.65
	Walking proximity to a supermarket	.66
	Walking proximity to a hardware store	.53
	Walking proximity to a fruit/vegetable market	.74
	Walking proximity to a laundry/dry cleaners	.58
	Walking proximity to a clothing store	.70
	Walking proximity to a post office	.91
	Walking proximity to a library	.81
	Walking proximity to a elementary school	.74
	Walking proximity to other schools	.63
	Walking proximity to a book store	.87
	Walking proximity to a fast food restaurant	.68
	Walking proximity to a coffee place	.78
	Walking proximity to a bank / credit union	.70
	Walking proximity to a non-fast food restaurant	.68
	Walking proximity to a video store	.74
	Walking proximity to a pharmacy / drug store	.84
	Walking proximity to a salon / barber shop	.61
	Walking proximity to your job or school	.75
	Walking proximity to a bus or trolley stop	.62
Walking proximity to a park	.67	
Walking proximity to a recreation center	.72	
Walking proximity to a gym or fitness facility	.45	

Appendix I. continued.

Subscale	Item*	Test-retest reliability[†]
Land-use mix access	Can do most of shopping at local stores	.41
	Stores are within walking distance	.54
	Parking is difficult	.51
	Many places within walking distance	.71
	Easy to walk to transit stop	.53
	Streets are hilly	.69
	There are canyons/hillsides that limit routes	.72
Street connectivity	Not many cul-de-sacs	.54
	Walkways connecting cul-de-sacs, trails, and streets	.37
	Short distance between intersections	.61
	Many four-way intersections	.55
	Many alternate routes	.57
Walking/cycling facilities	Sidewalks on most streets	.17
	Sidewalks are well maintained	.70
	Bicycle/pedestrian trails	.57
	Sidewalks separated from road/traffic by parked cars	.59
	Sidewalks separated from streets by grass/dirt strip	.47
Aesthetics	Trees along the streets	.63
	Tree cover or canopy along sidewalks	.52
	Interesting things to look at while walking	.73
	Neighborhood free from litter	.67
	Attractive natural sights in neighborhood	.59
	Attractive buildings/homes in neighborhood	.61

Appendix I. continued.

Subscale	Item*	Test-retest reliability[†]
Pedestrian/traffic safety	Heavy traffic along own street	.49
	Heavy traffic along nearby streets	.62
	Slow speed of traffic along own street	.59
	Slow speed of traffic along nearby streets	.59
	Drivers exceed speed limits in neighborhood	.52
	Crosswalks and pedestrian signals available to help cross busy streets	.59
	Crosswalks help walkers feel safe	.44
	High exhaust fumes from cars and buses	.54
Crime safety	Streets are well lit	.77
	Walkers/bikers can be seen by people in their homes	.58
	See and speak to others when walking in neighborhood	.61
	High crime rate in neighborhood	.71
	Crime rate makes neighborhood unsafe to walk in during day	.13
	Crime rate makes neighborhood unsafe to walk in at night	.60

Note. N=104-106; *complete items are available at <http://www.drjamesallis.sdsu.edu/NEWS.pdf>; [†]test-retest reliability coefficients were generated from one-way random effect model single measure intra-class correlations; [‡]there was not enough variability in responses to evaluate reliability.

For additional information, please see

Saelens, B.E., Sallis, J.F., Black, J., Chen, D. (2003). Neighborhood-based differences in physical activity: An environment scale evaluation. *American Journal of Public Health*, 93, 1552-1558.