

# NEWS-CFA: Confirmatory Factor Analysis Scoring for Neighborhood Environment Walkability Scale

We would like to find out more information about the way that you perceive or think about your neighborhood. Please answer the following questions about your neighborhood and yourself.



## A. Types of residences in your neighborhood

Please circle the answer that best applies to you and your neighborhood.

1. How common are detached single-family residences in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All

2. How common are townhouses or row houses of 1-3 stories in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All

3. How common are apartments or condos 1-3 stories in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All

4. How common are apartments or condos 4-6 stories in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All

5. How common are apartments or condos 7-12 stories in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All

6. How common are apartments or condos more than 13 stories in your immediate neighborhood?

1	2	3	4	5
None	A few	Some	Most	All



## B. Stores, facilities, and other things in your neighborhood

About how long would it take to get from your home to the nearest businesses or facilities listed below if you walked to them? Please put only one check mark (✓) for each business or facility.

	1-5 min	6-10 min	11-20 min	20-30 min	30+ min	don't know
example: gas station	1. ____	2. ____	3. ✓	4. ____	5. ____	8. ____
1. convenience/small grocery store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
2. supermarket	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
3. hardware store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
4. fruit/vegetable market	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
5. laundry/dry cleaners	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
6. clothing store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
7. post office	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
8. library	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
9. elementary school	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
10. other schools	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
11. book store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
12. fast food restaurant	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
13. coffee place	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
14. bank/credit union	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
15. non-fast food restaurant	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
16. video store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
17. pharmacy/drug store	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
18. salon/barber shop	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
19. your job or school	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____

[check here \_\_\_\_ if not applicable]

	1-5 min	6-10 min	11-20 min	20-30 min	30+ min	don't know
20. bus or train stop	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
21. park	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
22. recreation center	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____
23. gym or fitness facility	1. ____	2. ____	3. ____	4. ____	5. ____	8. ____



### C. Access to services

Please circle the answer that best applies to you and your neighborhood. Both local and within walking distance mean within a 10-15 minute walk from your home.

1. I can do most of my shopping at local stores.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

2. Stores are within easy walking distance of my home.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

3. There are many places to go within easy walking distance of my home.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

4. It is easy to walk to a transit stop (bus, train) from my home.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree



### D. Streets in my neighborhood

Please circle the answer that best applies to you and your neighborhood.

1. The distance between intersections in my neighborhood is usually short (100 yards or less; the length of a football field or less).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

2. There are many four-way intersections in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

3. There are many alternative routes for getting from place to place in my neighborhood. (I don't have to go the same way every time.)

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree



## H. Places for walking and cycling

*Please circle the answer that best applies to you and your neighborhood.*

1. There are sidewalks on most of the streets in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

2. The sidewalks in my neighborhood are well maintained (paved, even, and not a lot of cracks).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

3. There are bicycle or pedestrian trails in or near my neighborhood that are easy to get to.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

4. Sidewalks are separated from the road/traffic in my neighborhood by parked cars.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

5. There is a grass/dirt strip that separates the streets from the sidewalks in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

6. It is safe to ride a bike in or near my neighborhood.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

7. My neighborhood streets are well lit at night.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

8. Walkers and bikers on the streets in my neighborhood can be easily seen by people in their homes.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

9. There are crosswalks and pedestrian signals to help walkers cross busy streets in my neighborhood.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

10. The crosswalks in my neighborhood help walkers feel safe crossing busy streets.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |



## F. Neighborhood surroundings

*Please circle the answer that best applies to you and your neighborhood.*

1. There are trees along the streets in my neighborhood.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

2. Trees give shade for the sidewalks in my neighborhood.

- |                   |                   |                |                |
|-------------------|-------------------|----------------|----------------|
| 1                 | 2                 | 3              | 4              |
| strongly disagree | somewhat disagree | somewhat agree | strongly agree |

3. There are many interesting things to look at while walking in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

4. My neighborhood is generally free from litter.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

5. There are many attractive natural sights in my neighborhood (such as landscaping, views).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

6. There are attractive buildings/homes in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree



## G. Traffic Hazards

*Please circle the answer that best applies to you and your neighborhood.*

1. There is so much traffic along the street I live on that it makes it difficult or unpleasant to walk in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

2. There is so much traffic along nearby streets that it makes it difficult or unpleasant to walk in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

3. The speed of traffic on the street I live on is usually slow (30 mph or less).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

4. The speed of traffic on most nearby streets is usually slow (30 mph or less).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

5. Most drivers exceed the posted speed limits while driving in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

6. When walking in my neighborhood there are a lot of exhaust fumes (such as from cars, buses).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

## H. Neighborhood safety

1. There is a high crime rate in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

2. The crime rate in my neighborhood makes it unsafe to go on walks during the day.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

3. The crime rate in my neighborhood makes it unsafe to go on walks at night.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

4. My neighborhood is safe enough so that I would let a 10-year-old boy walk around my block alone in the daytime.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

## I. Lack of Parking

1. Parking is difficult in local shopping areas.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

**J. Lack of Cul-de-sacs**

1. The streets on my neighborhood do not have many cul-de-sacs.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

**K. Hilliness**

1. The streets on my neighborhood are hilly, making my neighborhood difficult to walk in.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

**L. Physical Barriers**

1. There are major barriers to walking in my neighborhood that make it hard to get from place to place (for example, freeways, railway lines, rivers, canyons, hillsides).

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree

**N. Social Interaction While Walking**

1. I see and speak to other people when I am walking in my neighborhood.

1	2	3	4
strongly disagree	somewhat disagree	somewhat agree	strongly agree