

# Pedestrian Environmental Quality Index (PEQI)—Data collection form

Based on the instrument developed by the San Francisco Department of Public Health

<b>Neighborhood:</b>		<b>Team Number:</b>		<b>Date:</b>		
<b>Intersection Form</b>						
Intersection ID: _____						
This is the intersection of: _____ and _____ <div style="text-align: center; margin-left: 100px;">Street 1</div> <div style="text-align: center; margin-right: 100px;">Street 2</div>						
		0 directions	1 directions	2 directions	3 directions	4+ directions
1. Crosswalks						
2. Ladder crosswalks						
3. Pedestrian signals	a. WITH countdowns					
	b. NO countdowns					
4. Stop signs						
5. No Turn On Red signals/signs						
6. Curb cuts at pedestrian crossings						
7. Signal at intersection		<input type="checkbox"/> yes <input type="checkbox"/> no → if no, skip to item 8				
<p>Cross street <u>ONLY</u> with a green light or walk signal. Measure across larger street.</p> <p>a. Crossing time: Measure crossing time (in seconds): _____ seconds</p> <p>b. Crossing distance: Measure crossing distance (in paces): _____ paces</p> <p style="margin-left: 40px;">Length of my stride: _____ feet in my stride</p>						
8. Crosswalk scramble		<input type="checkbox"/> yes <input type="checkbox"/> no				
9. Intersection Traffic Calming Features		<input type="checkbox"/> none <input type="checkbox"/> curb extensions/bulbouts <input type="checkbox"/> pavement treatments or lights set in crosswalk <input type="checkbox"/> mini-circles or roundabouts <input type="checkbox"/> speed tables, speed humps or speed bumps <input type="checkbox"/> bike lane at intersection <input type="checkbox"/> partial closures <input type="checkbox"/> dips, drains, or bumps in street <input type="checkbox"/> other (explain: _____)				
10. Additional signs for pedestrians		<input type="checkbox"/> yes <input type="checkbox"/> no				

**Street Segment Form - One for each side of street segment**

Fill out this form once for each side of the street.

Neighborhood: \_\_\_\_\_

Team Number: \_\_\_\_\_

Date: \_\_\_\_\_

Segment ID: \_\_\_\_\_

This street is \_\_\_\_\_  
Name of this streetBetween: \_\_\_\_\_ and \_\_\_\_\_  
Cross Street 1 Cross Street 2

Side of street: N S E W

**Vehicle Traffic****11. Number of lanes**

(do not include turning-only lanes)

- 4 or more lanes
- 3 lanes
- 2 lanes
- 1 lane
- no lanes

**12. Two-way traffic**

- yes  no

**13. Vehicle Speed /  
Posted Speed Limit**

- |                                     |                                 |                                  |
|-------------------------------------|---------------------------------|----------------------------------|
| <input type="checkbox"/> not posted | <input type="checkbox"/> 10 mph | <input type="checkbox"/> 35 mph  |
|                                     | <input type="checkbox"/> 15 mph | <input type="checkbox"/> 40 mph  |
|                                     | <input type="checkbox"/> 20 mph | <input type="checkbox"/> 45 mph  |
|                                     | <input type="checkbox"/> 25 mph | <input type="checkbox"/> 50 mph  |
|                                     | <input type="checkbox"/> 30 mph | <input type="checkbox"/> 55+ mph |

**14. Street Traffic  
Calming Features**

- none
- chicanes
- street medians
- speed tables, speed humps or speed bumps
- rumble strips
- speed limit enforcements
- dips, drains, or other unintentional features that slow traffic
- other (explain: \_\_\_\_\_)

Sidewalks	
<b>15. Width of sidewalk</b>	<input type="checkbox"/> no sidewalk <input type="checkbox"/> less than 5 feet <input type="checkbox"/> 5 feet – 7 feet 11 inches <input type="checkbox"/> 8 feet – 11 feet 11 inches <input type="checkbox"/> 12 feet or more
<b>16. Sidewalk surface condition--</b> An impediment is anything which poses a tripping hazard or interrupts the smooth surface of the sidewalk.	<input type="checkbox"/> no sidewalk <input type="checkbox"/> significant impediments in surface <input type="checkbox"/> few impediments in surface <input type="checkbox"/> no impediments in surface
<b>17. Large sidewalk obstructions</b> An obstruction is any object which reduces the width of the sidewalk or hangs low so that people must duck to pass under while on the sidewalk.	<input type="checkbox"/> no sidewalk <input type="checkbox"/> permanent obstructions <input type="checkbox"/> temporary obstructions <input type="checkbox"/> <u>both</u> permanent and temporary obstructions <input type="checkbox"/> no
<b>18. Presence of curb</b>	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>19. Driveway cuts</b>	_____ driveway cuts
<b>20. Trees</b>	<input type="checkbox"/> continuously lined <input type="checkbox"/> a few trees; sporadically lined <input type="checkbox"/> no trees
<b>21. Planters/gardens</b>	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>22. Public seating</b> (including bus stops)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>23. Presence of buffers</b> (check all that apply)	<input type="checkbox"/> bike lane <input type="checkbox"/> parallel street parking—not time-restricted <input type="checkbox"/> parallel street parking—time-restricted <input type="checkbox"/> grassy or paved margin <input type="checkbox"/> none
Land Use	
<b>24. Storefront/retail use</b>	_____ shops or businesses of any type
<b>25. Public art/historical sites</b>	<input type="checkbox"/> yes <input type="checkbox"/> no

Safety and aesthetic qualities																			
26. Illegal graffiti	<input type="checkbox"/> Major graffiti <input type="checkbox"/> Little or no graffiti																		
27. Litter	<input type="checkbox"/> yes <input type="checkbox"/> no																		
28. Pedestrian-scale street lighting	<input type="checkbox"/> yes, private <input type="checkbox"/> yes, public <input type="checkbox"/> yes, both private and public <input type="checkbox"/> no																		
29. Construction Sites	<input type="checkbox"/> yes <input type="checkbox"/> no																		
30. Abandoned/boarded up buildings	<input type="checkbox"/> yes <input type="checkbox"/> no																		
31. Vacant Lots	<input type="checkbox"/> yes <input type="checkbox"/> no																		
32. Bike rack(s) present on this street segment	<input type="checkbox"/> yes <input type="checkbox"/> no																		
Perceived Walkability: Please circle the number that your team thinks best describe this street segment.																			
33. Street segment is visually attractive for walking.	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Strongly Agree</td> <td style="text-align: center;">Agree</td> <td style="text-align: center;">Disagree</td> <td style="text-align: center;">Strongly Disagree</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>	Strongly Agree	Agree	Disagree	Strongly Disagree	1	2	3	4										
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34. Street segment feels safe for walking.	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Strongly Agree</td> <td style="text-align: center;">Agree</td> <td style="text-align: center;">Disagree</td> <td style="text-align: center;">Strongly Disagree</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>	Strongly Agree	Agree	Disagree	Strongly Disagree	1	2	3	4										
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35. Are there obvious strong odors anywhere on this street segment (e.g., vehicle exhaust, urine stench, rotting garbage, etc)?	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">No Odors</td> <td style="text-align: center;">A Little Odor</td> <td style="text-align: center;">Some Odors</td> <td style="text-align: center;">A lot of Odors</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>	No Odors	A Little Odor	Some Odors	A lot of Odors	1	2	3	4										
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36. How noisy do you find this street segment?	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">No Noise</td> <td style="text-align: center;">Little Noise</td> <td style="text-align: center;">Some Noise</td> <td style="text-align: center;">A lot of Noise</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>	No Noise	Little Noise	Some Noise	A lot of Noise	1	2	3	4										
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37. On a scale of 1 to 10, how walkable do you find this street segment?	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Not Walkable</td> <td colspan="6"></td> <td style="text-align: center;">Very Walkable</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> <td style="text-align: center;">7</td> <td style="text-align: center;">8</td> <td style="text-align: center;">9</td> <td style="text-align: center;">10</td> </tr> </table>	Not Walkable							Very Walkable	1	2	3	4	5	6	7	8	9	10
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