PhenX Toolkit

Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

MAPS Mini Survey – Segment Method

Date _____ Auditor ID#_____

Route # _____

Start Time:_____End Time: _____

Crossing

**Intersection of _____&
_____**

Crossing from N S E W to N S E W

1. Is a pedestrian walk signal present?
 [ ] 0 No
 [ ] 1 Yes

2. Is there a ramp at the curb(s)?
 [ ] 0 No
 [ ] 1 Yes, at one curb only
 [ ] 2 Yes, at both pre-crossing and post-crossing curbs

3. Is there a marked crosswalk?
 [ ] 0 No
 [ ] 1 Yes

Segment: *Count one (your) side of the street*
Street _____Side N S E W
Starting Cross-street: _____
Ending Cross-street: _____

4. Type:
 [ ] 0 Residential
 [ ] 1 Commercial

5. How many public parks are present?
 [ ] 0
 [ ] 1
 [ ] 2 or more

6. How many public transit stops are present?
 [ ] 0
 [ ] 1
 [ ] 2 or more

7. Are there any benches or places to sit (include bus stop benches)?
 [ ] 0 No
 [ ] 1 Yes

8. Are street lights installed?
 [ ] 0 None
 [ ] 1 Some
 [ ] 2 Ample

9. Are the buildings well maintained?
 [ ] 0 0-99%
 [ ] 1 100%

10. Is graffiti/tagging present (do not include murals)?
 [ ] 1 No

[ ] 0 Yes

11. Is there a designated bike path?
[ ] 0 No
[ ] 1 Painted line
[ ] 2 Physical barrier

12. Is a sidewalk present? If no, skip to 12
[ ] 0 No
[ ] 1 Yes

13. Are there poorly maintained sections of the sidewalk that constitute major trip hazards? (e.g. heaves, misalignment, cracks, overgrowth, incomplete sidewalk)
[ ] 1 None
[ ] 0 Any/no sidewalk present

14. Is a buffer present?
[ ] 0 No/no sidewalk present
[ ] 1 Yes

15. What percentage of the length of the sidewalk/walkway is covered by trees, awnings or other overhead coverage?
[ ] 0 0-25% / no sidewalk
[ ] 1 26-75%
[ ] 2 76-100%

Score = Total Points_____/21 = _____%

Scoring Instructions

Grand_Score
Compute an overall score by summing all of the above items:
4 + 5 + 6 + 7 + 8 + 9 + S7 + 10 + 11 + 12 + 13 + 14+ 1 + 2 + 3

Grand_Score_Percent
Compute the percent of total possible points:
Grand_Score/21

See the MAPS-Mini data dictionary – segment method for detailed variable names and item-level coding. Scores from the individual items are averaged across street segments and crossings to compute participant-level scores. The total score is the sum of all computed items for each participant, expressed as a percent of total possible points, and indicates environmental support of active transport. A second scoring method is the "percentage of possible maximum score," which is more

easily interpretable and allows for comparison of scores across different versions.

Protocol source: https://www.phenxtoolkit.org/protocols/view/291001