

Proposed Final Criteria for the Nonmotorized Transportation Programming Tool
 May 23, 2007

| Primary criteria/benefits | Transportation | | | Environment | | Health | | Safety | | Equity |
|--|--|--|-----------------------------|--|-----------------------------|--|---------------------|---|--|--|
| Factors affecting primary criteria/secondary criteria | Increase in bike/walk trips | Increase in transit trips | Decrease in vehicle trips | Decrease in per capita emissions | Decrease in per capita GHGs | Increase in physical activity | Decrease in obesity | Decrease in vehicle conflicts | Decrease in ped/bike-vehicle conflicts | Benefits to youths, elderly, persons with disability |
| Necessary data | <ul style="list-style-type: none"> Street network Land Use Transit network Sidewalk network Trail network | | | <ul style="list-style-type: none"> Derived from decrease in vehicle trips | | <ul style="list-style-type: none"> Derived from increase in bike/walk and transit trips | | <ul style="list-style-type: none"> Accident location data Street network (cross section characteristics: Lane widths, street widths/number of lanes, traffic volumes) | | <ul style="list-style-type: none"> Land Use Demographics |
| Supporting research | LUTAQH 2005. WSDOT 2005. Dill 2005. Tresridder 2005. Hurvitz 2005. | Hess et al. 1997. WSDOT 2005. LUTAQH 2005. | LUTAQH 2005. WSDOT 2005. | LUTAQH 2005. WSDOT 2005. | LUTAQH 2005. WSDOT 2005. | LUTAQH/NQLS 2005 | LUTAQH/NQLS 2005 | Stevenson et al. 1995. Daisa & Peers, 1992. Moudon?? | | |
| Discussion | Sidewalk network data not consistently available for all jurisdictions, making collecting and maintaining difficult | | | | | | | Accident data is compiled from many different sources (state and local) and will be difficult to collect and maintain | | |