



7.7 Trail access and usage

As a general guideline for local trails, the target population should be less than 5 miles from the trail and 1 mile if the group is an older population. For regional trails, people may be willing to travel 15 or more miles to use a greenway trail. Accommodate multiple modes of travel but consider separating conflicting use (e.g., biking and horseback riding).

7.7 References

- Bjerke, T.; Østdahl, T.; Thrane, C.; Strumse, E. 2006. Vegetation density for urban parks and perceived appropriateness for recreation. *Urban Forestry and Urban Greening*. 5: 35-44.
- Brownson, R.C.; Housemann, R.A.; Brown, D.R. [and others]. 2000. Promoting physical activity in rural communities: walking trail access, use, and effects. *American Journal of Preventive Medicine*. 18: 235-241.
- Gobster, P.H. 1995. Perception and use of metropolitan greenway system for recreation. *Landscape and Urban Planning*. 33: 401-413.
- Gobster, P.H.; Westphal, L.M. 2004. The human dimensions of urban greenways: planning for recreation and related experiences. *Landscape and Urban Planning*. 68: 147-165.
- Gordon, P.M.; Zizzi, S.J.; Pauline, J. 2004. Use of a community trail among new and habitual exercisers: a preliminary assessment. *Preventing Chronic Disease*. 1(4): 1-11.
- Krizek, K.J.; Johnson, P.J. 2006. Proximity to trails and retail: effects of urban cycling and walking. *Journal of the American Planning Association*. 72: 33-42.

Lindsey, G.; Han, Y.; Wilson, J.; Yang, J. 2006. Neighborhood correlates of urban trail use. *Journal of Physical Activity and Health*. 3 Suppl 1: S139-S157.

Owen, N.; Humpel, N.; Leslie, E. [and others]. 2004. Understanding environmental influences on walking: review and research agenda. *American Journal of Preventive Medicine*. 27: 67-75.

Pucher, J.; Buehler, R. 2006. Why Canadians cycle more than Americans: A comparative analysis of bicycling trends and policies. *Transport Policy*. 13: 265-279.

Ryan, R.L.; Fabos, J.G.; Allen, J.J. 2006. Understanding opportunities and challenges for collaborative greenway planning in New England. *Landscape and Urban Planning*. 76: 172-191.

Saelens, B.E.; Sallis, J.F.; Frank, L.D. 2003. Environmental correlates of walking and cycling: findings from the transportation, urban design, and planning literatures. *Annals of Behavioral Medicine*. 25: 80-91.

Shriver, K. 1997. Influence of environmental design on pedestrian travel behavior in for Austin neighborhoods. *Transportation Research Record*. 1578: 64-75.

Talbot, J.F. 1993. Public participation in rail-trail planning: two case studies. In: Gobster, R., ed. *Managing urban and high-use recreation settings*. Gen. Tech. Rep. NC-163. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station: 13-16.

Troped, P.J.; Saunders, R.P.; Pate, R.R. [and others]. 2001. Associations between self-reported and objective physical environmental factors and use of a community rail-trail. *Preventive Medicine*. 32: 191-200.

Wendel-Vos, G.C.; Schuit, A.J.; de Niet, R. [and others]. 2004. Factors of the physical environment associated with walking and bicycling. *Medicine and Science in Sports and Exercise*. 36: 725-730.

Westphal, L.M.; Leber, S.R. 1986. Predicting the effect of alternative trail design on visitor satisfaction in park settings. *Landscape Journal*. 5: 39-44.