

Few municipalities and agencies comprehensively collect data on bicycling activities across a broad spectrum of environments. Presented here is an ongoing county-wide bicycle and pedestrian data collection effort by the Chittenden County Regional Planning Commission (CCRPC) and the University of Vermont (UVM) Transportation Research Center (TRC). Locations were distributed throughout Chittenden County, with a special effort made to include places where little or no non-motorized activities were expected or would be assumed.

Common data collection methods (intersection count boards and pneumatic tubes) were used along with more novel techniques, such as EcoCounters and a portable video camera setup.

To the surprise of the team, there was only one location with no bicycling or walking activities (within a 24-hr period) from data collection during the summer of 2011. In addition to presenting some count data across different environments, this poster documents the experience with different bicycle volume data collection approaches, and reveals their benefits and short-comings when used in different environments and for different facilities.