

Project Background

The 2011-2019 Eudora count data was collected following the National Bicycle & Pedestrian Documentation Project (NBPDP) methodology (<http://bikepeddocumentation.org>). The project aims to establish a consistent methodology for counting and surveying bicyclists and pedestrians and develop a national database of bicycle and pedestrian activity. The Institute of Transportation Engineers (ITE) and transportation professionals nationwide have helped to develop the methodology, which requires the following features:

- Consistent days and times
- Consistent methods and materials, including training of volunteers
- Centralized data collection and analysis practices

Eudora Bicycle and Pedestrian count locations were developed consistent with the methodology developed for the NBPDP by Alta Planning and based on the following criteria:

- Representative locations throughout the city
- Bicycle and pedestrian activity areas or corridors (downtowns, near schools, parks, etc.)
- Locations near proposed major bicycle or pedestrian improvements
- Key corridors that can be used to gauge the impacts of future improvements
- Places where counts have been conducted historically
- Locations where collisions between motor vehicles and bicycles and/or pedestrians are more prevalent

A screen line was established for all locations; when a bicyclist or pedestrian passed the screen line, they were counted. Counts were conducted during three two-hour time slots. Dates for conducting counts were chosen based on the National Bicycle and Pedestrian Documentation Project's September count weeks.

2019 Counts

In September 2019, the MPO staff coordinated counts at 3 locations throughout the community. The locations were counted by 3 volunteers who manually observed bicyclists and pedestrians. Transportation planners and engineers use the data collected on bicycling and walking to assist City and Regional Leaders with estimating usage and demand for bicycle and pedestrian facilities. The counts are also used to track

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the region's progress on increasing the use of non-motorized transportation, strengthen grant applications to leverage additional federal funding for bicycle and pedestrian projects, evaluate existing projects (before and after counts), and help determine the location of future investments.

Most Recent Daily, Monthly, and Annual Projections						
Eudora	Last Year Counted	Daily	Monthly	Annual		
		AADT Average Annual Daily Traffic	Monthly Average Bicyclists and Pedestrians	Total Annual Bicyclists and Pedestrians	Total Annual Bicyclist Percentage	Total Annual Pedestrian Percentage
Church St at K10	2019	9	281	3,368	75%	25%
14th St at Church	2019	82	2,504	30,045	11%	89%
Church St at 14th St	2019	135	4,112	49,348	15%	85%
Main St	2018	55	1665	19,985	13%	88%
10th St	2016	33	843	10,119	42%	58%

Annual Average Daily Traffic			
Eudora	Annual Cyclist Percentage	Annual Pedestrian Percentage	Annual Vehicle Percentage
Church St at K10	0.08%	0.03%	99.89%
14th St at Church			
Church St at 14th St	0.26%	1.44%	98.31%
Main St	0.20%	1.40%	98%
10th St	0.40%	0.60%	99.00%

No AADT available