

Eudora Kansas Bicycle and Pedestrian Documentation

The 2011 count is part of Eudora's Submission into the National Bicycle & Pedestrian Documentation Project (NBPDP). 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 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.

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*Locations 1-3 are part of Eudora’s Submission into the National Bicycle & Pedestrian Documentation Project.

2011 Eudora Bicycle and Pedestrian Documentation Project Data																			
	Weekday, September 2011 10am - 12pm						Weekday, September 2011 5pm - 7pm						Saturday, September, 2011 12pm - 2pm						
	Bicycles				Pedestrians	Other	Bicycles				Pedestrians	Other	Bicycles						
	Sidewalk / Shared Use Path	Road / Bike Lane	Total	Wearing a Helmet			Sidewalk / Shared Use Path	Road / Bike Lane	Total	Wearing a Helmet			Sidewalk / Shared Use Path	Road / Bike Lane	Total	Wearing a Helmet	Pedestrians	Other	
# 1 - Church Street	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1	1	0	0	
# 2 - Main Street	0	0	0	0	7	0	0	0	0	0	4	0	0	0	2	2	1	7	0
# 3 - 10th Street	0	0	0	0	2	0	2	0	2	0	10	0	2	13	15	13	1	1	

Total bicyclists counted	20
Total wearing helmets	15
Percent wearing helmets	75%

Bicyclists on shred use paths or sidewalks	4	20%
Bicyclists on the road or bike lane	16	80%
Total Bicyclists	20	

Total pedestrians	34
Total other users	1
Total Bicyclists	20

2011: Daily, Monthly, and Annual Projections							
	Daily	Monthly	Annual				
	Average Bicyclists and Pedestrians	Average Bicyclists and Pedestrians	Total Bicyclists and Pedestrians	Bicycling Percentage	Bicycling Totals	Walking Percentage	Walking Totals
# 1 - Church Street	9	281	3,368	25%	842	75%	2,526
# 2 - Main Street	46	1,398	16,781	10%	1,678	90%	15,102
# 3 - 10th Street	69	2,094	25,134	57%	14,242	43%	10,891
Total for 3 Locations	124	3,774	45,282	37%	16,762	63%	28,520

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*Locations 4/5 were conducted for local planning purposes.

2011 Eudora Bicycle and Pedestrian Documentation Project Data																			
	Weekday, September 2011 7am-9am					Weekday, September 2011 11am-1pm					Weekday, September 2011 3pm-5pm								
	Bicycles				Pedestrians	Other	Bicycles				Pedestrians	Other	Bicycles				Pedestrians	Other	
Sidewalk / Shared Use Path	Road / Bike Lane	Total	Wearing a Helmet	Sidewalk / Shared Use Path			Road / Bike Lane	Total	Wearing a Helmet	Sidewalk / Shared Use Path			Road / Bike Lane	Total	Wearing a Helmet				
# 4 - 14th & Church N/S	0	0	0	0	19	0	0	0	0	0	0	5	0	3	0	3	0	19	0
# 5 - 14th & Church E/W	4	0	4	0	25	0	0	0	0	0	0	5	2	2	0	2	0	22	0

Total bicyclists counted	9
Total wearing helmets	0
Percent wearing helmets	0%

Bicyclists on shred use paths or sidewalks	9	100%
Bicyclists on the road or bike lane	0	0%
Total Bicyclists	9	

Total pedestrians	95
Total other users	2
Total Bicyclists	9

2011: Daily, Monthly, and Annual Projections							
	Daily	Monthly	Annual				
	Average Bicyclists and Pedestrians	Average Bicyclists and Pedestrians	Total Bicyclists and Pedestrians	Bicycling Percentage	Bicycling Totals	Walking Percentage	Walking Totals
# 4 - 14th & Church N/S	106	3,215	38,576	7%	2,516	93%	36,060
# 5 - 14th & Church E/W	133	4,058	48,695	10%	5,037	90%	43,657
Total for 2 Locations	239	7,273	87,271	9%	7,553	91%	79,717