

## Topeka, Kansas Bicycle and Pedestrian Documentation Data report 2013

In September 2013, Topeka joined with other cities nationwide in participating in annual bike counts, using a standardized National Bicycle and Pedestrian Documentation (NBPDP) method developed by Alta Planning and Design and the Institute of Transportation Engineers (ITE). The basic assumptions of the methodology are that, in order to estimate existing and future bicycle and pedestrian demand and activity, agencies nationwide need to start conducting counts and surveys in a consistent manner similar to those being used by ITE and other groups for motor vehicle models. Consistency is key to the methodology, requiring consistent days and times; methods and materials; and centralized data collection and analysis practices.

Volunteers were trained on how to conduct screen line counts and how to fill out count forms. A screen line was established for all locations. Any bicyclists or pedestrian passing through the screen line was counted. Counts were conducted during three two-hour time slots. Dates for conducting the counts were chosen based on the National Bicycle and Pedestrian Documentation Project's recommended September count weeks. Site locations were chosen based on the methodology developed by NBPDP and included:

- Locations where new or improved bicycle or pedestrian facilities will be/have been constructed
- Along existing corridors and trails
- Locations where there are high numbers of bicycle or pedestrian collisions
- High activity corridors for bicyclists and pedestrians such as downtown, parks and near schools

Sites were endorsed by the Bicycle Advisory Committee.

One of the greatest challenges facing the bicycle and pedestrian field is the lack of documentation on usage and demand. Without accurate and consistent demand and usage figures, it is difficult to measure the positive benefits of investments in these modes, especially when compared to the other transportation modes such as the private automobile.

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<b>2013: Daily, Monthly, and Annual Projections</b>							
	<b>Daily</b>	<b>Monthly</b>	<b>Annual</b>				
	<b>Average Bicyclists and Pedestrians</b>	<b>Average Bicyclists and Pedestrians</b>	<b>Total Bicyclists and Pedestrians</b>	<b>Bicycling Percentage</b>	<b>Bicycling Totals</b>	<b>Walking Percentage</b>	<b>Walking Totals</b>
# 1 - North Topeka, Central Avenue	56	1,714	20,568	48%	9,972	52%	10,595
# 2 - East 6th St	115	3,488	41,852	26%	10,780	74%	31,072
# 3 - East 25th and Landon	55	1,685	20,224	61%	12,395	39%	7,829
# 4 - 10th and Topeka	417	12,676	152,109	9%	13,310	91%	138,800
#5 - Gage Park	86	2,604	31,253	20%	6,128	80%	25,125
#6 - Clay St/Central Park	125	3,805	45,661	41%	18,511	59%	27,150
#7 - 19th and Washburn U	86	2,614	31,367	16%	5,019	84%	26,348
#8 - Randolph	29	876	10,513	53%	5,566	47%	4,947
#9 - Belle	22	664	7,964	15%	1,225	85%	6,738
#10 - 29th and Fairlawn	28	852	10,227	82%	8,422	18%	1,805
#11 - Shunga Trail	534	16,242	194,906	63%	122,383	37%	72,523
#12 - Landon Trail	208	6,316	75,797	91%	68,906	9%	6,891
#13 - 8th St	46	1,404	16,844	42%	7,092	58%	9,752
#14 - East 37th/Lake Shawnee	23	702	8,422	40%	3,369	60%	5,053

Counts were conducted in association with parameters set by the National Bicycle and Pedestrian Documentation Project. Extrapolation worksheets were provided by them and used for these number.

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2013 Topeka Bicycle and Pedestrian Documentation Project Data																		
	Weekday, September 2013 10am - 12pm						Weekday, September 2013 5pm - 7pm					Saturday, September, 2013 12pm - 2pm						
	Bicyclists				Pedestrians	Other	Bicyclists				Pedestrians	Other	Bicyclists			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
# 1 - North Topeka, Central Avenue	3	0	3	0	3	0	0	12	12	0	10	1	0	1	1	0	4	0
# 2 - East 6th St	3	3	6	0	30	0	3	2	5	1	10	0	6	0	6	0	9	0
# 3 - East 25th and Landon	2	7	9	2	1	0	4	5	9	7	1	0	0	1	1	1	10	0
# 4 - 10th and Topeka	6	6	12	0	174	0							8	1	9	2	45	0
#5 - Gage Park	3	0	3	1	13	0	4	1	5	1	26	0	2	0	2	0	2	0
#6 - Clay St/Central Park	12	9	21	0	36	5	0	4	4	0	5	0	1	4	5	0	3	0
#7 - 19th and Washburn U	0	3	3	2	26	0	0	3	3	1	9	0	0	2	2	1	7	0
#8 - Randolph	0	1	1	0	3	0	0	7	7	2	4	0	0	1	1	0	1	0
#9 - Belle	0	1	1	1	3	0	0	1	1	0	7	0	0	0	0	0	1	0
#10 - 29th and Fairlawn							8	6	14	11	3	0						
#11 - Shunga Trail	31	0	31	6	30	0	59	1	60	31	41	0	71	0	71	45	25	0
#12 - Landon Trail	14	0	14	4	0	0	48	0	48	31	1	0	48	0	48	30	10	0
#13 - 8th St	0	0	0	0	5	0	0	4	4	1	5	0	0	4	4	3	1	0
#14 - East 37th/Lake Shawnee	0	0	0	0	3	0	0	1	1	1	3	0	0	3	3	3	0	0

Total bicyclists counted	430
Total wearing helmets	188
<b>Percent wearing helmets</b>	<b>44%</b>

Bicyclists on shared use paths or sidewalks	336	78%
Bicyclists on the road or bike lane	94	22%
<b>Total Bicyclists</b>	<b>430</b>	

Total pedestrians	570
Total other users	6
<b>Total Bicyclists</b>	<b>430</b>

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	Count Totals		
	Total Bicyclists	Total Pedestrians	Total Bicyclists and Pedestrians Counted
# 1 - North Topeka, Central Avenue	16	17	33
# 2 - East 6th St	17	49	66
# 3 - East 25th and Landon	19	12	31
# 4 - 10th and Topeka	21	219	240
#5 - Gage Park	10	41	51
#6 - Clay St/Central Park	30	44	74
#7 - 19th and Washburn U	8	42	50
#8 - Randolph	9	8	17
#9 - Belle	2	11	13
#10 - 29th and Fairlawn	14	3	17
#11 - Shunga Trail	162	96	258
#12 - Landon Trail	110	11	121
#13 - 8th St	8	11	19
#14 - East 37th/Lake Shawnee	4	6	10