

## Topeka, Kansas Bicycle and Pedestrian Documentation Data report 2013 and 2014

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.

This is the second year of doing counts. As we continue to do counts each year, we anticipate seeing trend lines and what areas are getting the most use. The information will be vital to deciding where to improve on the infrastructure.

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>2014: 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	95	2,895	34,741	44%	15,440	56%	19,300
# 2 - East 6th St	165	5,020	60,238	10%	5,949	90%	54,288
# 3 - East 25th and Landon	58	1,771	21,246	86%	18,211	14%	3,035
# 5 - Gage Park	51	1,552	18,628	28%	5,216	72%	13,412
# 6 - Clay St/Central Park	41	1,233	14,800	19%	2,819	81%	11,981
# 7 - 19th and Washburn U	108	3,289	39,466	2%	705	98%	38,761
# 8 - Randolph	10	294	3,524	40%	1,410	60%	2,114
# 9 - Belle	46	1,403	16,840	30%	5,125	70%	11,715
# 10 - 29th and Fairlawn	39	1,175	14,095	90%	12,686	10%	1,410
# 11 - Shunga Trail	282	8,591	103,095	42%	43,493	58%	59,602
# 13 - 8th St	50	1,515	18,183	52%	9,524	48%	8,658
# 14 - East 37th/Lake Shawnee	15	470	5,638	13%	705	88%	4,933
# 15 - West 37th	6	176	2,114	67%	1,410	33%	705

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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2014 Topeka Bicycle and Pedestrian Documentation Project Data																		
	Wednesday, September 10th 10am-noon						Wednesday, September 10th 5pm-7pm						Saturday, September 20th noon-2pm					
	Bicyclists			Peds	Other	Bicyclists			Peds	Other	Bicyclists			Peds	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	0	3	3	0	8	0	0	5	5	0	5	0	0	12	12	1	12	2
# 2 - East 6th St	1	0	1	0	23	0	1	0	1	0	31	0	3	3	6	1	19	0
# 3 - East 25th and Landon	0	0	0		3	0	1	11	12	9	1	0	0	12	12	11	0	0
# 5 - Gage Park	1		1	0	8	0	1	2	3	0	5	0	3	0	3	0	5	0
# 6 - Clay St/Central Park	0	0	0		5	0	0	4	4	0	12	1	No Saturday counts taken					
# 7 - 19th and Washburn U	0	0	0		49	0	0	1	1	1	6	0						
# 8 - Randolph	0	2	2	1	2	0	0	0	0		1	0	No Saturday counts taken					
# 9 - Belle	0	0	0		1	0	0	3	3	2	14	0						
# 10 - 29th and Fairlawn	0	0	0		1	0	15	3	18	6	1	0	No Saturday counts taken					
# 11 - Shunga Trail	5	0	5	0	9	0	49	0	49	29	65	0						
# 13 - 8th St	0	2	2	1	4	0	0	4	4	2	3	0	0	5	5	2	3	0
# 14 - East 37th/Lake Shawnee	0	0	0		2	0	0	1	1	1	5	0	No Saturday counts taken					
# 15 - West 37th	0	0	0		0	0	1	1	2	0	1	0						

Total Bicyclists Counted	159
Total Wearing Helmets	94
Percentage wearing helmets	59%

On Sidewalk/Shared Use Path	81	51%
On Road/Bike Lane	78	49%
Total Bicyclists	159	

Total Pedestrians	305
Total Other	3
Total Bicyclists	159

Counts were conducted using parameters set by the National Bicycle and Pedestrian Documentation Project. Extrapolation worksheets were provided and used for this.

	Count Totals		
	Total Bicyclists	Total Pedestrians	Total Bicyclists and Pedestrians Counted
# 1 - North Topeka, Central Avenue	20	25	45
# 2 - East 6th St	8	73	81
# 3 - East 25th and Landon	24	4	28
# 5 - Gage Park	7	18	25
# 6 - Clay St/Central Park	4	17	21
# 7 - 19th and Washburn U	1	55	56
# 8 - Randolph	2	3	5
# 9 - Belle	7	16	23
# 10 - 29th and Fairlawn	18	2	20
# 11 - Shunga Trail	54	74	128
# 13 - 8th St	11	10	21
# 14 - East 37th/Lake Shawnee	1	7	8
# 15 - West 37th	2	1	3

# Topeka, Kansas Bicycle and Pedestrian Documentation Data Report 2013 and 2014

## 2013: 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 - North Topeka, Central Avenue	68	2,073	24,874	48%	12,060	52%	12,814
# 2 - East 6th St	138	4,184	50,202	26%	12,931	74%	37,272
# 3 - East 25th and Landon	66	1,995	23,939	61%	14,672	39%	9,267
# 4 - 10th and Topeka	500	15,209	182,505	9%	15,969	91%	166,536
#5 - Gage Park	104	3,175	38,103	20%	7,471	80%	30,632
#6 - Clay St/Central Park	152	4,624	55,486	41%	22,494	59%	32,992
#7 - 19th and Washburn U	104	3,151	37,817	16%	6,051	84%	31,767
#8 - Randolph	35	1,063	12,762	53%	6,756	47%	6,005
#9 - Belle	27	809	9,711	15%	1,494	85%	8,217
#10 - 29th and Fairlawn	34	1,048	12,580	82%	10,360	18%	2,220
#11 - Shunga Trail	751	22,834	274,008	63%	172,051	37%	101,956
#12 - Landon Trail	292	8,880	106,559	91%	96,871	9%	9,687
#13 - 8th St	57	1,727	20,720	42%	8,724	58%	11,996
#14 - East 37th/Lake Shawnee	28	863	10,360	40%	4,144	60%	6,216

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 numbers.

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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>

Counts were conducted using parameters set by the National Bicycle and Pedestrian Documentation Project. Extrapolation worksheets were provided by them and used for these numbers.

	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