

Topeka, Kansas Bicycle and Pedestrian Documentation Data report 2013, 2014, 2015 & 2016

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.

2016: 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	85	2,588	31,052	41%	12,674	59%	18,378
# 2 - East 6th St	260	7,909	94,904	24%	23,085	76%	71,819
# 3 - East 25th and Landon	27	836	10,026	73%	7,352	27%	2,674
# 4 - 10th and Topeka	562	17,082	204,990	17%	34,381	83%	170,608
#5 - Gage Park	93	2,836	34,031	25%	8,508	75%	25,523
#6 - Clay St/Central Park	56	1,712	20,539	53%	10,911	47%	9,628
#7 - 19th and Washburn U	75	2,280	27,357	29%	7,903	71%	19,454
#8 - Randolph	77	2,327	27,930	27%	7,448	73%	20,482
#9 - Belle	32	986	11,831	22%	2,629	78%	9,202
#10 - 29th and Fairlawn	74	2,246	26,956	49%	13,149	51%	13,807
#11 - Shunga Trail	498	15,139	181,672	41%	75,175	59%	106,497
#12 - Landon Trail	175	5,314	63,766	91%	58,339	9%	5,427
#13 - 8th St	69	2,105	25,266	40%	10,106	60%	15,159
#14 - East 37th/Lake Shawnee	--	--	--	--	--	--	--

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.

Location #14 was not conducted this year due to construction on 37th st.

2016 Topeka Bicycle and Pedestrian Documentation Project Data

	Weekday, September 2016 10am - 12pm				Weekday, September 2016 5pm - 7pm				Saturday, September, 2016 12pm - 2pm									
	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		
# 1 - North Topeka, Central Avenue	0	2	2	0	2	0	0	14	14	0	20	0	0	4	4	0	7	0
# 2 - East 6th St	0	5	5	1	33	0	10	9	19	0	50	0	6	6	12	0	29	0
# 3 - East 25th and Landon	0	2	2	1	1	0	1	3	4	3	1	0	0	5	5	1	2	0
# 4 - 10th and Topeka	8	1	9	0	156	0	9	2	11	1	36	2	31	2	33	4	71	5
#5 - Gage Park	2	0	2	2	1	0	3	0	3	1	6	0	4	3	7	3	29	0
#6 - Clay St/Central Park	0	3	3	0	1	0	7	2	9	0	10	0	2	3	5	1	4	4
#7 - 19th and Washburn U	9	1	10	0	22	0	0	3	3	1	8	2	0	0	0	0	2	0
#8 - Randolph	0	0	0	0	5	0	0	11	11	5	23	0	0	1	1	1	5	1
#9 - Belle	0	1	1	1	6	0	0	1	1	0	3	0	0	2	2	0	5	0
#10 - 29th and Fairlawn	9	0	9	2	6	0	4	0	4	3	6	0	6	1	7	3	9	0
#11 - Shunga Trail	13	0	13	6	21	0	42	0	42	26	75	0	41	0	41	28	40	0
#12 - Landon Trail	11	0	11	8	1	0	39	0	39	22	2	0	36	0	36	22	5	0
#13 - 8th St	0	2	2	0	8	0	0	5	5	1	6	0	0	5	5	1	4	0
#14 - East 37th/Lake Shawnee	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0

Total bicyclists counted	397
Total wearing helmets	148
Percent wearing helmets	37%

Bicyclists on shared use paths or sidewalks	293	74%
Bicyclists on the road or bike lane	104	26%
Total Bicyclists	397	

Total pedestrians	721
Total other users	14
Total Bicyclists	397

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.

Location #14 was not conducted this year due to construction on 37th st.

	Count Totals		
	Total Bicyclists	Total Pedestrians	Total Bicyclists and Pedestrians Counted
# 1 - North Topeka, Central Avenue	20	29	49
# 2 - East 6th St	36	112	148
# 3 - East 25th and Landon	11	4	15
# 4 - 10th and Topeka	53	263	316
#5 - Gage Park	12	36	48
#6 - Clay St/Central Park	17	15	32
#7 - 19th and Washburn U	13	32	45
#8 - Randolph	12	33	45
#9 - Belle	4	14	18
#10 - 29th and Fairlawn	20	21	41
#11 - Shunga Trail	96	136	232
#12 - Landon Trail	86	8	94
#13 - 8th St	12	18	30
#14 - East 37th/Lake Shawnee	0	0	0

Topeka, Kansas Bicycle and Pedestrian Documentation Data Report 2015

2015: 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	21	635	7,620	18%	1,385	82%	6,234
# 2 - East 6th St	224	6,827	81,927	38%	30,805	62%	51,123
# 3 - East 25th and Landon	150	4,552	54,628	79%	43,302	21%	11,325
# 4 - 10th and Topeka	454	13,810	165,716	18%	30,594	82%	135,122
#5 - Gage Park	39	1,186	14,237	50%	7,118	50%	7,118
#6 - Clay St/Central Park	67	2,048	24,578	32%	7,762	68%	16,817
#7 - 19th and Washburn U	104	3,151	37,813	15%	5,672	85%	32,141
#8 - Randolph	45	1,358	16,299	42%	6,791	58%	9,508
#9 - Belle	25	747	8,966	23%	2,069	77%	6,897
#10 - 29th and Fairlawn	78	2,382	28,589	49%	13,962	51%	14,627
#11 - Shunga Trail	593	18,047	216,563	49%	105,209	51%	111,353
#12 - Landon Trail	191	5,815	69,781	90%	62,955	10%	6,826
#13 - 8th St	73	2,206	26,469	47%	12,499	53%	13,970
#14 - East 37th/Lake Shawnee	16	501	6,016	22%	1,337	78%	4,679

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.

2015 Topeka Bicycle and Pedestrian Documentation Project Data																		
	Weekday, September 2015					Weekday, September 2015					Saturday, September, 2015							
	10am - 12pm				5pm - 7pm				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 - North Topeka, Central Avenue	1	0	1	0	1	0	0	0	0	2	0	0	1	0	6	2		
# 2 - East 6th St	3	3	6	0	9	0	21	14	35	1	28	1	6	0	41	4		
# 3 - East 25th and Landon	1	1	2	0	2	0	0	35	35	20	6	0	0	28	28	17	9	0
# 4 - 10th and Topeka	8	0	8	0	110	2	15	2	17	0	60	3	21	2	23	2	42	0
#5 - Gage Park	0	0	0	0	0	0	6	0	6	6	9	0	3	2	5	5	2	1
#6 - Clay St/Central Park	0	1	1	0	3	0	7	2	9	0	13	0	0	2	2	0	10	0
#7 - 19th and Washburn U	0	4	4	0	24	0	0	1	1	1	19	0	0	4	4	0	8	0
#8 - Randolph	0	0	0	0	6	0	0	3	3	1	2	0	0	7	7	0	6	0
#9 - Belle	0	1	1	0	2	0	0	0	0	0	2	0	0	2	2	0	6	1
#10 - 29th and Fairlawn	3	2	5	2	5	0	10	0	10	5	4	0	4	2	6	6	13	0
#11 - Shunga Trail	17	0	17	9	24	1	58	0	58	32	81	0	62	0	62	24	40	9
#12 - Landon Trail	12	3	15	6	3	0	31	6	37	16	3	0	31	0	31	20	3	0
#13 - 8th St	0	4	4	3	2	0	0	8	8	6	8	0	0	5	5	1	9	0
#14 - East 37th/Lake Shawnee	0	0	0	0	2	0	0	0	0	0	3	0	0	2	2	2	2	0

Total bicyclists counted	467
Total wearing helmets	185
Percent wearing helmets	40%

Bicyclists on shared use paths or sidewalks	320	69%
Bicyclists on the road or bike lane	147	31%
Total Bicyclists	467	

Total pedestrians	630
Total other users	24
Total Bicyclists	467

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

	Count Totals		
	Total Bicyclists	Total Pedestrians	Total Bicyclists and Pedestrians Counted
# 1 - North Topeka, Central Avenue	2	9	11
# 2 - East 6th St	47	78	125
# 3 - East 25th and Landon	65	17	82
# 4 - 10th and Topeka	48	212	260
#5 - Gage Park	11	11	22
#6 - Clay St/Central Park	12	26	38
#7 - 19th and Washburn U	9	51	60
#8 - Randolph	10	14	24
#9 - Belle	3	10	13
#10 - 29th and Fairlawn	21	22	43
#11 - Shunga Trail	137	145	282
#12 - Landon Trail	83	9	92
#13 - 8th St	17	19	36
#14 - East 37th/Lake Shawnee	2	7	9

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

2014: 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	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.

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

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.

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

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
Percent wearing helmets	44%

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

Total pedestrians	570
Total other users	6
Total Bicyclists	430

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