

# Southern Windsor County Bicycling and Pedestrian Count Annual Report

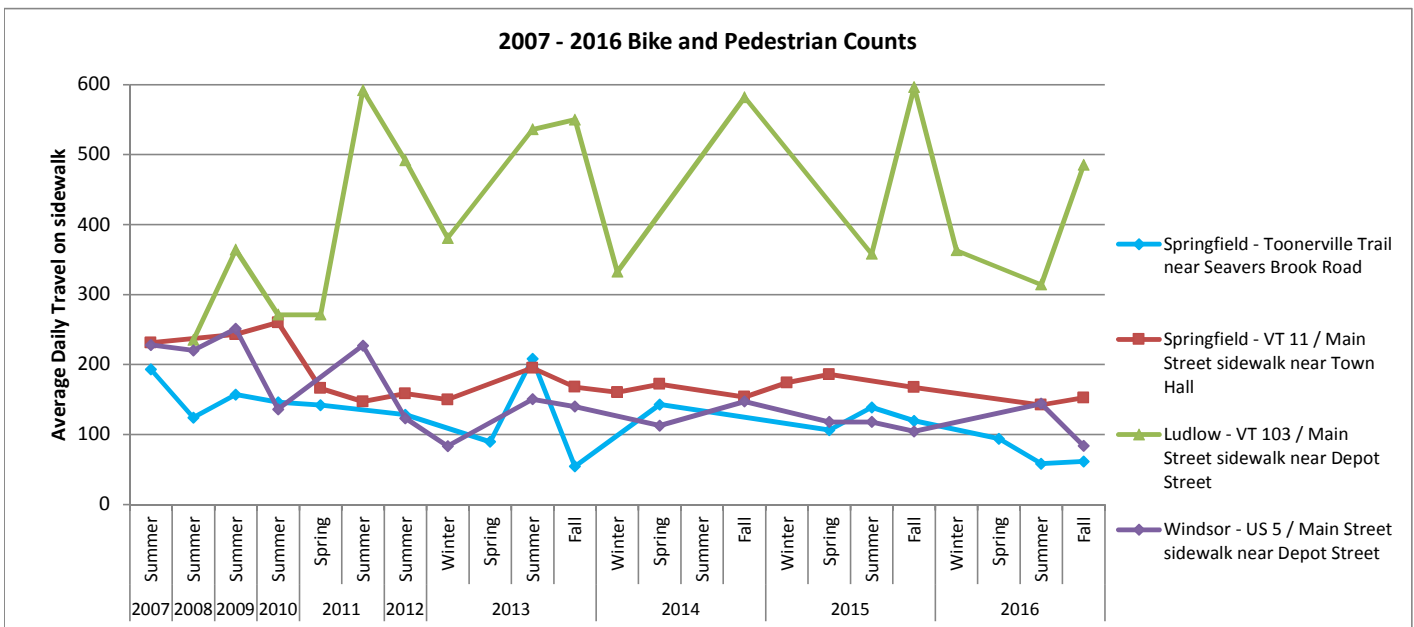
January 2017



Since 2007 SWCRPC has been conducting annual bicycling and pedestrian counts in the region as part of a task from the Vermont Agency of Transportation (VTTrans). A minimum of three counts of a minimum duration of three hours are conducted every year in the same location. Counts are carried out in Springfield, Ludlow and Windsor. All counts by SWCRPC were carried out using an automatic counter (EcoCounter) which was attached to nearby sign post or other objects if posts were unavailable. From 2012 - 2015 VTTrans carried out manual counts in locations that complimented the existing automatic counter locations.

It should be noted that the pedestrian counts are subject to a wide variety of factors which can inflate and deflate hourly counts, particularly weather conditions like rain and local events. Counts tried to avoid major local events wherever possible. Counts carried out on public holidays were also not included. The average daily travel and count duration were adjusted where possible.

## 2007 - 2016 Automatic Counter Seasonal Summaries



For more information about counts see table on following page and Automatic Counter Daily Summaries

Note: While Totals and Average Daily Travel are calculated by Vermont Agency of Transportation, the Totals and Average Daily Travel shown are those adjusted manually by SWCRPC.

Notes for graph above and table on following page

- For data collected before 2011, to extrapolate figures for Average Daily Travel where count was carried out for less than 24 hours or did not start and end at the same hour, the average pedestrian count in 2010 for that hour(s) was substituted for the missing hour(s).
- On a day with a major event day in the middle of the count, either the full day's count was excluded from averages or just the single hour when the count was occurring

		<i>Springfield - Toonerville Trail near Seavers Brook Road</i>			<i>Springfield - VT 11 / Main Street sidewalk near Town Hall</i>			<i>Ludlow - VT 103 / Main Street sidewalk near Depot Street</i>			<i>Windsor - US 5 / Main Street sidewalk near Depot Street</i>		
		Average Daily Travel	Count Duration	Month	Average Daily Travel	Count Duration	Month	Average Daily Travel	Count Duration	Month	Average Daily Travel	Count Duration	Month
2007	Summer	193	6 days & 23 hours	June	231	10 hours	June		No count		228	2 days & 21 hours	June
2008	Summer	124	12 days	June		No count due to construction		235	3 days	June	220	3 days	June
2009	Summer	157	12 days	June - July	243	19 hours	July	364	22 hours	July	251	6 hours	July
2010	Summer	146	5 days	June	260	2 days	June	271	2 days	June	136	3 days & 22 hours	June
2011	Spring	142	17 days	April - May	166	13 days	May	271	20 days	March - April		No count	
	Summer		No count		147	14 days	July	592	12 days	July- August	227	9 days	June
2012	Summer	128	22 days	May - June	158	11 days	July	492	12 days	June	123	30 days	July - Aug
2013	Winter		No count		150	12 days	Feb - March	381	11 days	March	83	18 days	Feb
	Spring	90	18 days	March - April		No count			No count			No count	
	Summer	208	8 days	August	195	7 days	August	536	10 days	August - Sept	150	7 days	August
	Fall	54	13 days	Oct	168	20 days	Oct - Nov	550	11 days	Sept - Oct	140	14 days	Sept
2014	Winter		No count		160	30 days	March	332	21 days	January		No count	
	Spring	143	16 days	April - May	172	14 days	May		No count		113	17 days	April
	Summer		No count			No count			No count			No count	
	Fall		No count		154	6 days	Sept	582	18 days	Sept - Oct	147	13 days	Sept
2015	Winter		No count		174	26 days	March		No count				
	Spring	106	24 days	May	186	31 days	April - May		No count		118	29 days	May - June
	Summer	139	19 days	July		No count		358	34 days	June - July	118	28 days	August
	Fall	120	12 days	Sept	167	11 days	Sept	596	14 days	Oct	104	14 days	Oct
2016	Winter		No count			No count		363	14 days	February		No count	
	Spring	94	17 days	May - June		No count*			No count			No count*	
	Summer	58	20 days	August	142	20 days	Aug - Sept	314	32 days	June - July	144	16 days	July
	Fall	61	12 days	Sept	152	27 days	Nov - Dec	485	21 days	Oct	84	20 days	Oct - Nov

\* In 2016 spring counts were not completed on Springfield or Windsor's Main Streets which both had significant construction activity, including repaving of the class 1 town highway

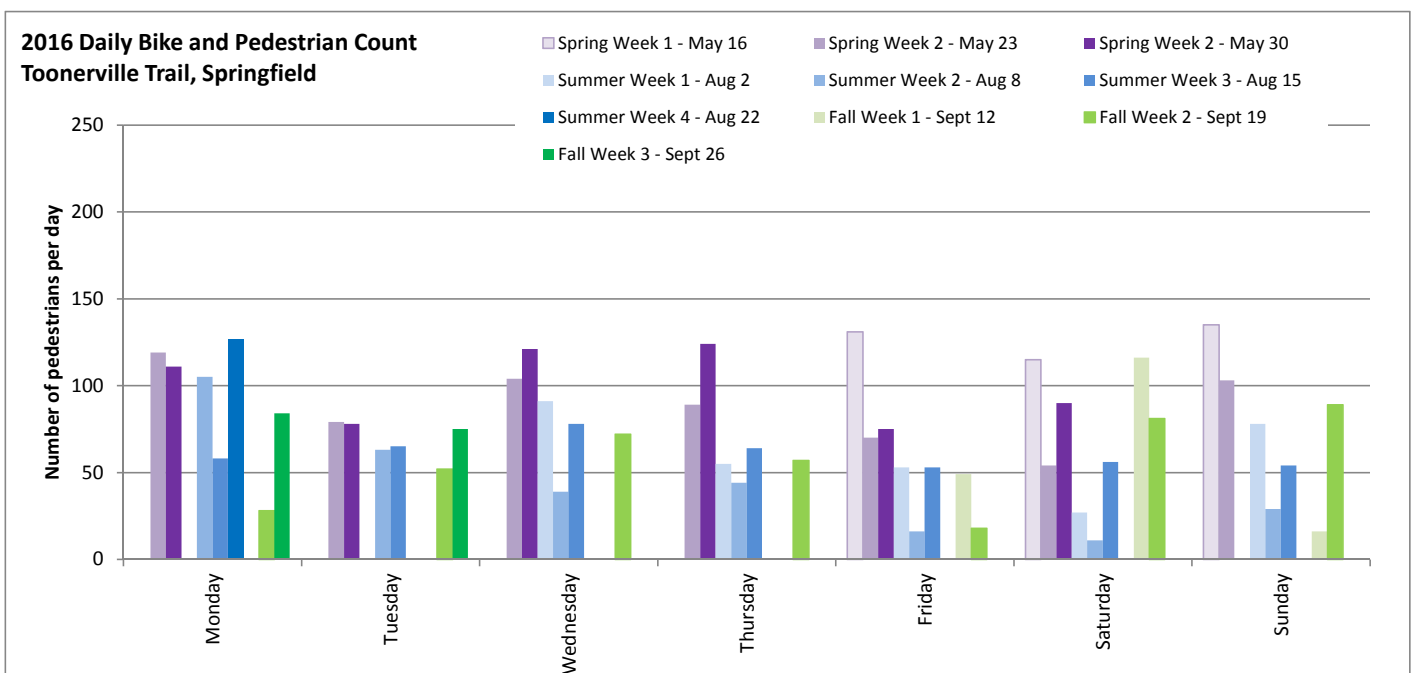
## Toonerville Trail in Springfield - 2016 Automatic Counter Daily Summaries

	Winter	Spring	Summer	Fall
Average Daily Travel:	No count	94	58	61
Total Travelers:		1,598	1,166	737
Total number of days in count:		17	20	12

Daily Totals:	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Spring Week 1 - May 16					131	115	135
Spring Week 2 - May 23	119	79	104	89	70	54	103
Spring Week 2 - May 30	111	78	121	124	75	90	
Summer Week 1 - Aug 2			91	55	53	27	78
Summer Week 2 - Aug 8	105	63	39	44	16	11	29
Summer Week 3 - Aug 15	58	65	78	64	53	56	54
Summer Week 4 - Aug 22	127						
Fall Week 1 - Sept 12					49	116	16
Fall Week 2 - Sept 19	28	52	72	57	18	81	89
Fall Week 3 - Sept 26	84	75					

5/22 and 5/29 had one very high volume hour which was excluded from analysis

9/17/16 - This day was included because would be a normal count in a different year

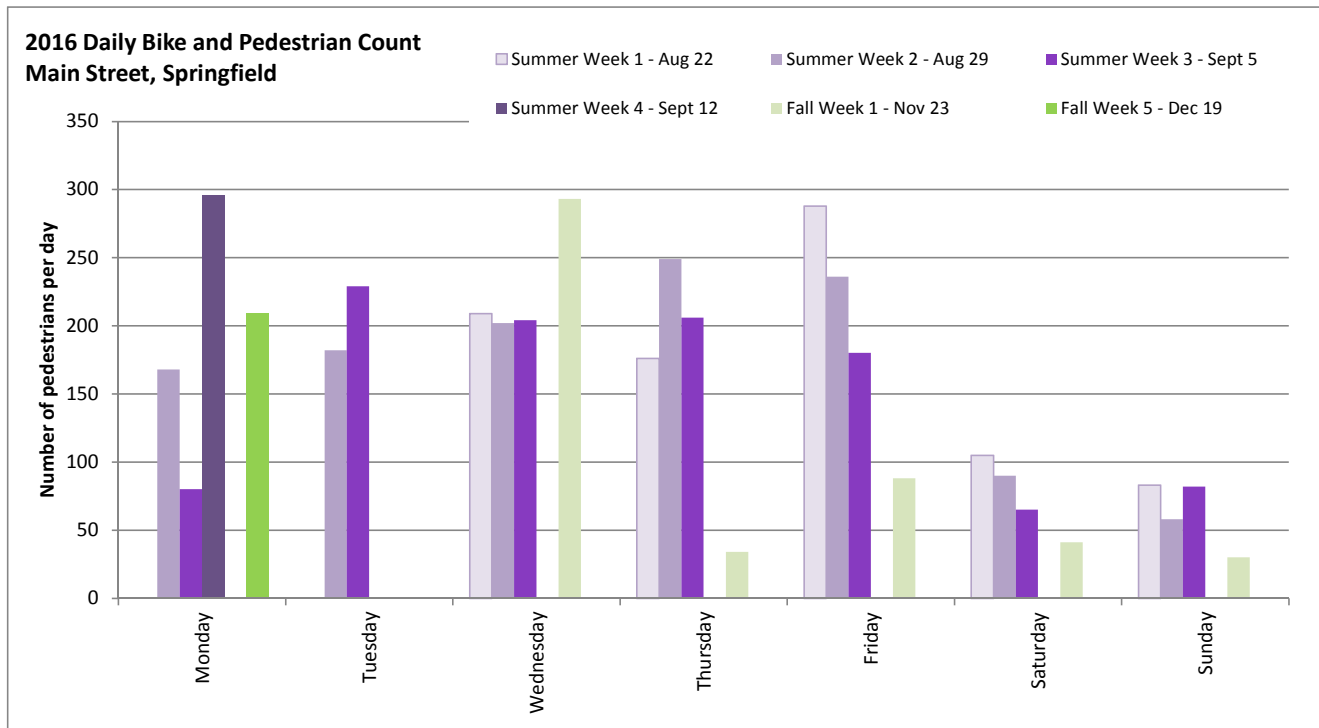


## Main Street in Springfield - 2016 Automatic Counter Daily Summaries

	Winter	Spring*	Summer	Fall
Average Daily Travel	No count	No count	142	152
Weekday Average Daily Travel*			208	192
Total Travelers			2,844	4,114
Total number of days in count			20	27

\* No spring count due to significant construction work nearby, including repaving Class 1 Town Highway

Daily Totals:	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Summer Week 1 - Aug 22			209	176	288	105	83
Summer Week 2 - Aug 29	168	182	202	249	236	90	58
Summer Week 3 - Sept 5	80	229	204	206	180	65	82
Summer Week 4 - Sept 12	296						
Fall Week 1 - Nov 23			293	34	88	41	30
Fall Week 2 - Nov 28	202	193	173	205	382	40	140
Fall Week 3 - Dec 5	179	183	187	160	223	43	65
Fall Week 4 - Dec 12	167	245	211	129	178	74	40
Fall Week 5 - Dec 19	209						



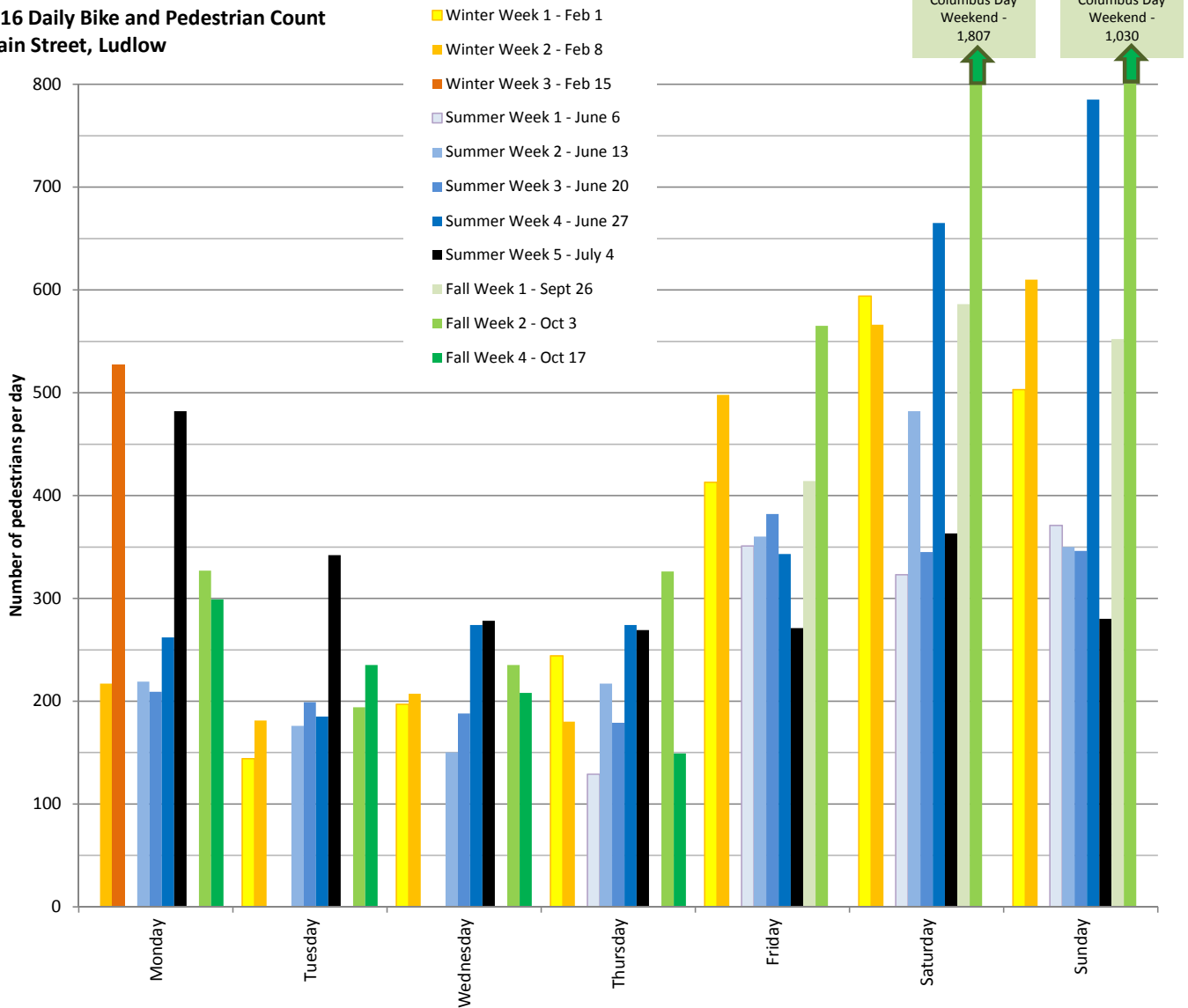
# Main Street in Ludlow - 2016 Automatic Counter Daily Summaries

	Winter*	Spring	Summer	Fall
Average Daily Travel	363	No count	314	485
Average Weekday Travel*	253		261	337
Average Weekend Travel**	568		431	856
Total Travelers	5081		10,049	10,190
Total number of days in count	14		32	21

\* Excludes 2/15 which was Presidents Day

Daily Totals:	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Winter Week 1 - Feb 1		144	197	244	413	594	503
Winter Week 2 - Feb 8	217	181	207	180	498	566	610
Winter Week 3 - Feb 15	527						
Summer Week 1 - June 6				129	351	323	371
Summer Week 2 - June 13	219	176	150	217	360	482	350
Summer Week 3 - June 20	209	199	188	179	382	345	346
Summer Week 4 - June 27	262	185	274	274	343	665	785
Summer Week 5 - July 4	482	342	278	269	271	363	280
Fall Week 1 - Sept 26					414	586	552
Fall Week 2 - Oct 3	327	194	235	326	565	1,807	1,030
Fall Week 3 - Oct 11	648	517	279	287	369	691	472
Fall Week 4 - Oct 17	299	235	208	149			

## 2016 Daily Bike and Pedestrian Count Main Street, Ludlow



# Main Street in Windsor - 2016 Automatic Counter Daily Summaries

	Winter	Spring*	Summer	Fall
Average Daily Travel*	No count	No count	144	84
Total Travelers*			2,303	1,671
Total number of days in count*			16	20

\* No spring count due to significant construction work nearby, including repaving Class 1 Town Highway

Daily Totals:	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Summer Week 1 - July 11						140	89
Summer Week 2 - July 18	125	199	180	165	152	147	147
Summer Week 3 - July 25	181	128	156	164	132	120	78
Fall Week 1 - Oct 17						60	62
Fall Week 2 - Oct 24	82	92	95	82	78	81	59
Fall Week 3 - Oct 31	78	81	134	71	102	69	52
Fall Week 4 - Nov 7	78	123	99	93			

