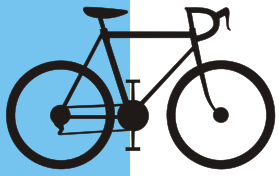


# Traffic Safety Unit 2011

January 1 - September 30, 2011



Cyclist

Collision Summary

Leaflet - September 2011



This leaflet presents an analysis of cyclist collisions to September 30, 2011 showing relevant facts and trends.

This leaflet includes reportable collisions involving cyclists in the City of Toronto.

Fatal Collision: A death that has occurred within 366 days of the collision.

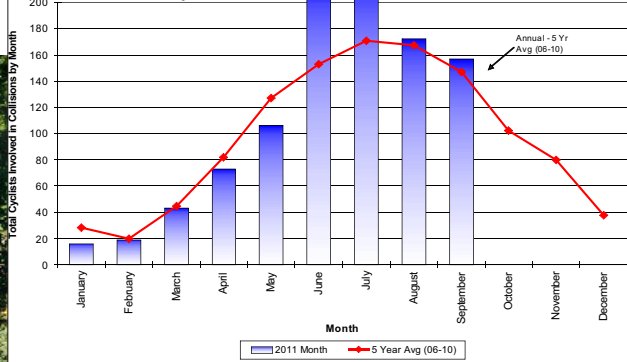


Transportation Services  
Traffic Management Centre  
Traffic Safety Unit

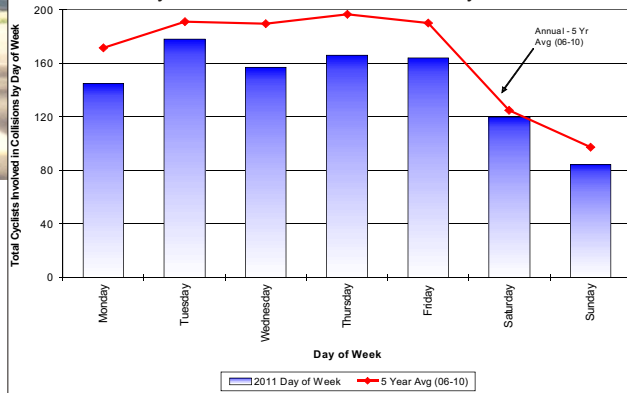
Cyclist Collisions - History

Year	Fatal	Injured	No Injury	Total
2006	3	964	136	1,103
2007	3	1,029	142	1,174
2008	2	949	148	1,099
2009	1	1,003	151	1,155
2010	2	1,111	155	1,268
2011	1	888	125	1,014
<b>Total</b>	<b>12</b>	<b>5,944</b>	<b>857</b>	<b>6,813</b>

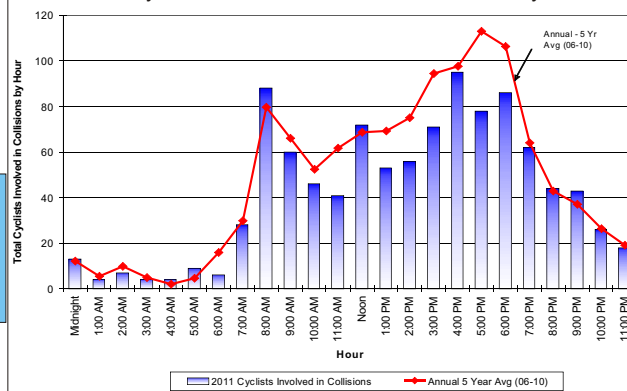
Cyclists Involved in Collisions - Month



Cyclists Involved in Collisions - Day of Week



Cyclists Involved in Collisions - Time of Day



Cyclists Involved in Collisions - Safety Equipment

Injury Severity	2011				Annual 5 Year Avg Wearing Helmet (06-10)
	Wearing Helmet	No Helmet	Use Unknown	Total	
No Injury	6	118	1	125	6
Minimal	149	239	24	412	168
Minor	173	233	31	437	140
Major	20	16	3	39	12
Fatal	0	1	0	1	1
<b>Total</b>	<b>348</b>	<b>607</b>	<b>59</b>	<b>1,014</b>	<b>326</b>

Cyclists Involved in Collisions - Road Surface Condition

Road Surface Condition	2011				Annual 5 Year Avg (06-10)
	Fatal	Injured	No Injury	Total	
Dry	1	805	113	919	1,048
Wet	0	75	9	84	103
Slush	0	1	0	1	2
Loose Snow	0	2	0	2	3
Packed Snow	0	0	0	0	0
Ice	0	1	0	1	1
Loose Sand or Gravel	0	1	0	1	0
Other	0	3	3	6	3
<b>Total</b>	<b>1</b>	<b>888</b>	<b>125</b>	<b>1,014</b>	<b>1,160</b>

Cyclists Involved in Collisions - Traffic Control

Control Type	2011				Annual 5 Year Avg (06-10)
	Fatal	Injured	No Injury	Total	
No Control	0	483	56	539	577
Traffic Signal	0	291	54	345	382
Stop Sign	1	104	13	118	190
Yield Sign	0	2	1	3	2
Traffic Controller	0	2	0	2	1
Ped. Crossover	0	6	0	6	6
Police Control	0	0	0	0	1
School Guard	0	0	0	0	0
Traffic Gate	0	0	0	0	0
Unknown or Blank	0	0	1	1	0
<b>Total</b>	<b>1</b>	<b>888</b>	<b>125</b>	<b>1,014</b>	<b>1,160</b>

Cyclists Involved in Collisions - Severity of Injury

Injury Severity	2011	Annual 5 Year Avg (06-10)
No Injury	125	156
Minimal	412	529
Minor	437	432
Major	39	41
Fatal	1	2
<b>Total</b>	<b>1,014</b>	<b>1,160</b>

Cyclists Involved in Collisions - Road Class

Age Group	Collector	Expressway	Local	Major Arterial	Minor Arterial	Private Property	Total
0-4 yrs	1	0	0	0	1	0	2
5-14 yrs	9	0	13	17	10	4	53
15-19 yrs	6	0	5	50	20	2	83
20-24 yrs	5	0	4	107	16	0	132
25-34 yrs	12	0	12	217	64	3	308
35-44 yrs	9	0	7	98	42	5	161
45-54 yrs	7	1	10	93	21	2	134
55-64 yrs	1	0	4	44	14	0	63
65+ yrs	5	0	5	37	7	1	55
Unknown or Blank	3	0	0	19	1	0	23
<b>Total</b>	<b>58</b>	<b>1</b>	<b>60</b>	<b>682</b>	<b>196</b>	<b>17</b>	<b>1,014</b>

Cyclists Involved in Collisions - Age Group

Age Group	2011				Annual 5 Year Avg
	Fatal	Injured	No Injury	Total	
0-4 yrs	0	1	1	2	1
5-14 yrs	0	46	7	53	80
15-19 yrs	0	77	6	83	104
20-24 yrs	0	119	13	132	151
25-34 yrs	0	276	32	308	267
35-44 yrs	0	137	24	161	218
45-54 yrs	0	119	15	134	177
55-64 yrs	0	54	9	63	76
65+ yrs	1	53	1	55	49
Unknown or Blank	0	6	17	23	37
<b>Total</b>	<b>1</b>	<b>888</b>	<b>125</b>	<b>1,014</b>	<b>1,160</b>

The collision information presented in the leaflet was summarized from Motor Vehicle Collision Reports obtained from the Toronto Police Service.

Cyclists Involved in Collisions - Driver Action

Driver Action	2011				Annual 5 Yr Avg (06-10)
	No Injury	Injured	Fatal	Total	
Driving Properly	52	264	0	316	387
Failed to yield right-of-way	24	264	1	289	318
Other, Unknown or Blank	21	153	0	174	177
Improper turn	15	98	0	113	132
Improper passing	6	44	0	50	56
Improper lane change	4	27	0	31	31
Disobey traffic control	2	19	0	21	32
Following too close	1	11	0	12	15
Exceeding speed limit	0	2	0	2	2
Speed too fast for condition	0	2	0	2	3
Lost control	0	2	0	2	6
Speed too slow	0	1	0	1	1
Wrong way on one-way road	0	1	0	1	1
<b>Total</b>	<b>125</b>	<b>888</b>	<b>1</b>	<b>1,014</b>	<b>1,160</b>

Cyclists Involved in Collisions - Driver Condition

Driver Condition	2011				Annual 5 Yr Avg
	No Injury	Injured	Fatal	Total	
Normal	89	548	0	637	771
Inattentive	18	202	1	221	219
Unknown	8	98	0	106	118
Blank	9	32	0	41	42
Other	0	3	0	3	2
Had been drinking	0	2	0	2	3
Ability impaired , alcohol (over .08)	0	1	0	1	2
Ability impaired, alcohol	1	0	0	1	1
Ability impaired, drugs	0	0	0	0	0
Fatigue	0	0	0	0	0
Medical or physical disability	0	2	0	2	0
<b>Total</b>	<b>125</b>	<b>888</b>	<b>1</b>	<b>1,014</b>	<b>1,160</b>

Cyclist Collision Rate - Toronto compared to other Canadian Cities\*

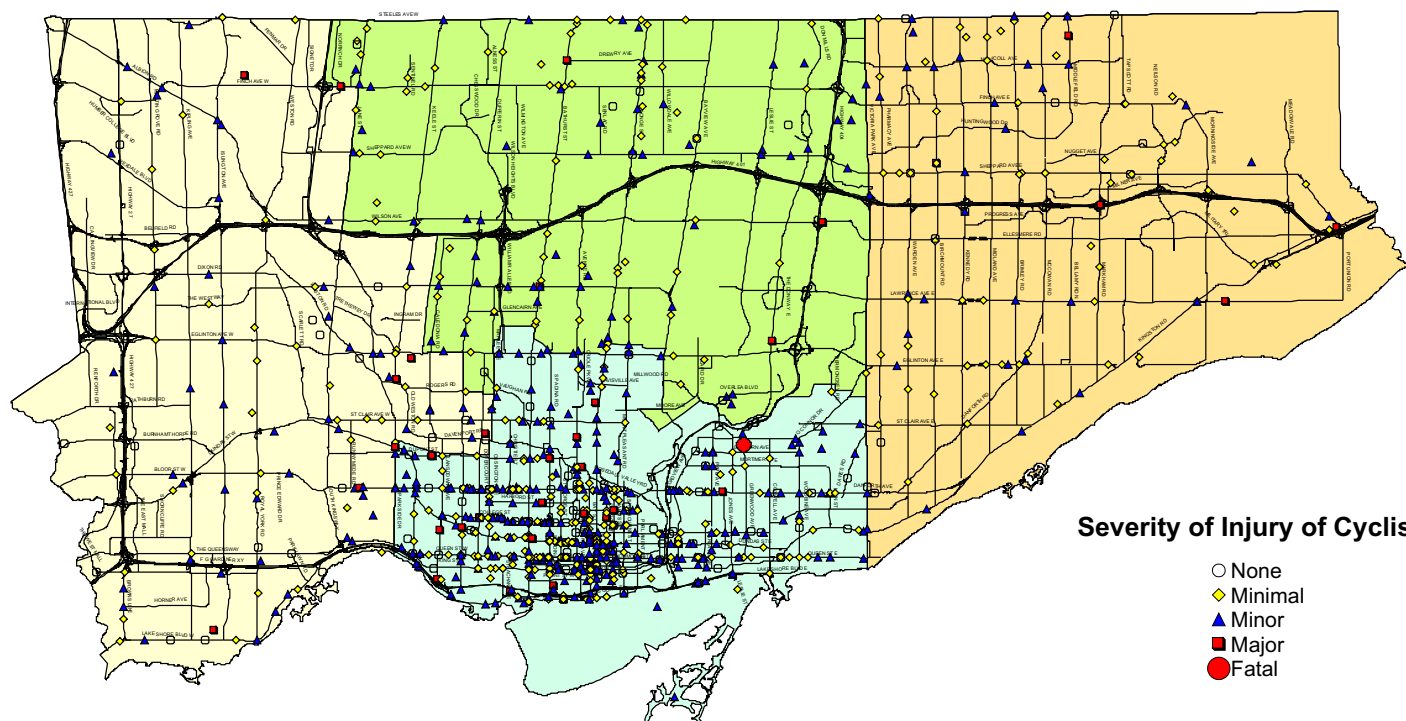
City	Population	Total Collisions	Collision Rate / 100,000 Population	Cyclist Collisions	Cyclist Collision Rate / 100,000 Population
Toronto	2,712,900	55,584	2,049	1,145	42
Montreal	1,934,082	33,782	1,747	741	38
Calgary	1,065,455	38,415	3,606	230	22
Ottawa	917,550	14,925	1,627	277	30
Edmonton	793,000	28,480	3,591	219	28
Winnipeg	687,619	12,166	1,769	230	33
Vancouver	642,843	3,185	495	206	32
Hamilton	504,559	3,335	661	139	28

\* Most recent data available

Cyclist Collisions - Collision Type

Collision Types	Cyclist Collisions 2011				Annual 5 Yr Avg (06-10)
	No Injury	Injured	Fatal	Total	
Cyclist and Driver travelling in same direction. One vehicle sideswipes the other.	23	150	0	173	171
Motorist turned left across cyclist's path.	8	122	0	130	157
Cyclist struck opened vehicle door	10	107	0	117	144
Cyclist w/ without right of way (fault) rides into the path of motorist at intersection, lanew ay, drivew ay – Cyclist not turning.	21	86	0	107	131
Motorist turns right at non-signalized intersection (i.e. stop sign, yield, no control, and drivew ay) and strikes cyclist.	10	86	0	96	107
Motorist w/ without right of way (fault) drives into the path of cyclist at intersection, lanew ay, drivew ay – Driver not turning.	10	64	1	75	104
Motorist turning right on red at signalized intersection strikes cyclist.	7	60	0	67	94
Motorist turning right on green or amber at signalized intersection strikes cyclist.	13	41	0	54	46
Insufficient information (to determine cyclist crash type).	9	32	0	41	34
Cyclist and Driver travelling in same direction. One vehicle rear-ended the other.	4	33	0	37	47
Cyclist turned left across motorist's path.	2	17	0	19	31
Cyclist hit in parking lot.	1	14	0	15	18
Motorist makes u-turn in-front of cyclist.	0	14	0	14	12
Cyclist loses control and strikes object (i.e. pole, TTC track)	0	13	0	13	10
Motorist reversing struck cyclist.	2	11	0	13	10
Cyclist rode off sidewalk into road at midblock.	2	9	0	11	11
Cyclist turns right across motorist's path	0	10	0	10	7
Cyclist falls off bike – no contact with motorist.	1	7	0	8	6
Cyclist struck at Pedestrian Crossover (cyclist either traveling in same direction as vehicles or riding across crosswalk)	0	6	0	6	6
Cyclist makes u-turn in-front of driver.	1	3	0	4	1
Cyclist strikes a parked vehicle.	1	2	0	3	8
Cyclist strikes another cyclist	0	1	0	1	2
Motorist loses control and strikes cyclist.	0	0	0	0	2
Cyclist strikes pedestrian.	0	0	0	0	0
<b>Total</b>	<b>125</b>	<b>888</b>	<b>1</b>	<b>1,014</b>	<b>1,160</b>

Collisions Involving Cyclists,  
January 1, 2011 - September 30, 2011



Severity of Injury of Cyclists

- None
- ◇ Minimal
- ▲ Minor
- Major
- Fatal