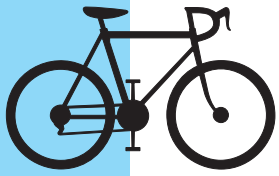


Traffic Safety Unit 2009

January 1 - December 31, 2009



Cyclist

Collision Summary

Leaflet - December 2009



This leaflet presents an analysis of cyclist collisions to December 31, 2009 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.

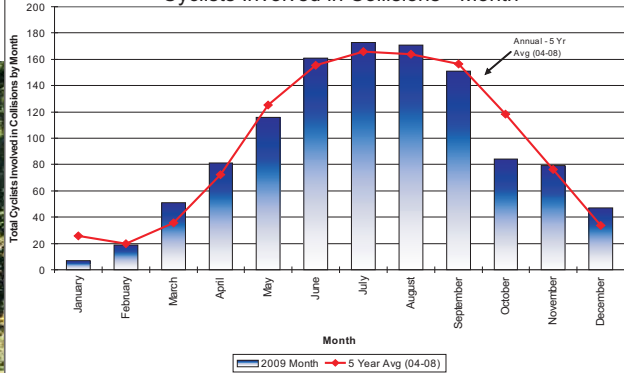


Transportation Services
Traffic Management Centre
Traffic Safety Unit

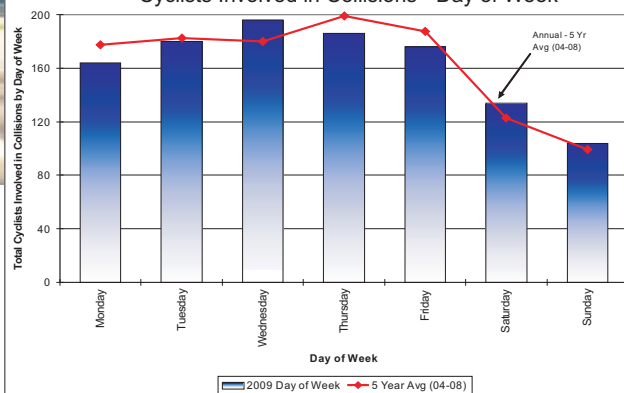
Cyclist Involved In Collisions - History

Year	Fatal	Injured	No Injury	Total
2004	3	1,021	151	1,175
2005	3	1,034	155	1,192
2006	3	955	143	1,101
2007	3	1,019	154	1,176
2008	2	938	157	1,097
2009	1	978	161	1,140
Total	15	5,945	921	6,881

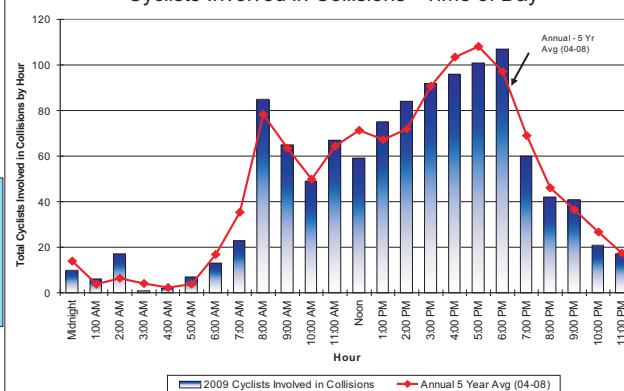
Cyclists Involved in Collisions - Month



Cyclists Involved in Collisions - Day of Week



Cyclists Involved in Collisions - Time of Day



Cyclists Involved in Collisions - Safety Equipment

Injury Severity	2009				Annual 5 Year Avg Wearing Helmet (04-08)
	Wearing Helmet	No Helmet	Use Unknown	Total	
No Injury	3	5	153	161	5
Minimal	161	260	100	521	146
Minor	136	213	70	419	114
Major	7	17	14	38	10
Fatal	0	0	1	1	1
Total	307	495	338	1,140	276

Cyclists Involved in Collisions - Road Surface Condition

Road Surface Condition	2009				Annual 5 Year Avg (04-08)
	Fatal	Injured	No Injury	Total	
Dry	1	885	150	1,036	1,033
Wet	0	88	11	99	102
Other	0	3	0	3	5
Loose Snow	0	1	0	1	3
Slush	0	1	0	1	3
Packed Snow	0	0	0	0	0
Ice	0	0	0	0	1
Loose Sand or Gravel	0	0	0	0	1
Total	1	978	161	1,140	1,148

Cyclists Involved in Collisions - Traffic Control

Control Type	2009				Annual 5 Year Avg (04-08)
	Fatal	Injured	No Injury	Total	
No Control	0	497	92	589	561
Traffic Signal	1	320	52	373	372
Stop Sign	0	152	17	169	201
Ped. Crossover	0	3	0	3	9
Traffic Controller	0	2	0	2	1
Yield Sign	0	1	0	1	3
Police Control	0	1	0	1	0
Traffic Gate	0	1	0	1	0
Unknown or Blank	0	1	0	1	0
School Guard	0	0	0	0	0
Total	1	978	161	1,140	1,148

Cyclists Involved in Collisions - Severity of Injury

Injury Severity	2009	Annual 5 Year Avg (04-08)
No Injury	161	152
Minimal	521	536
Minor	419	417
Major	38	40
Fatal	1	3
Total	1,140	1,148

Cyclists Involved in Collisions - Road Class

Age Group	Collector	Expressway	Local	Major Arterial	Minor Arterial	Private Property	Total
0-4 yrs	5	0	2	21	4	0	32
5-14 yrs	0	0	1	0	0	0	1
15-19 yrs	9	0	19	28	9	5	70
20-24 yrs	11	2	7	71	28	1	120
25-34 yrs	8	0	4	97	29	1	139
35-44 yrs	19	0	20	197	53	0	289
45-54 yrs	11	0	9	135	41	2	198
55-64 yrs	10	0	9	107	43	0	169
65+ yrs	9	0	4	39	18	2	72
Unknown or Blank	3	0	6	34	7	0	50
Total	85	2	81	729	232	11	1,140

Cyclists Involved in Collisions - Age Group

Age Group	2009				Annual 5 Year Avg (04-08)
	Fatal	Injured	No Injury	Total	
0-4 yrs	0	1	0	1	2
5-14 yrs	0	61	9	70	102
15-19 yrs	0	109	11	120	106
20-24 yrs	0	118	21	139	137
25-34 yrs	0	254	35	289	251
35-44 yrs	0	168	30	198	226
45-54 yrs	0	147	22	169	157
55-64 yrs	0	67	5	72	74
65+ yrs	1	48	1	50	45
Unknown or Blank	0	5	27	32	48
Total	1	978	161	1,140	1,148

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	2009				Annual 5 Yr Avg (04-08)
	No Injury	Injured	Fatal	Total	
Driving Properly	63	318	1	382	393
Failed to yield right-of-way	36	270	0	306	327
Other, Unknown or Blank	26	163	0	189	179
Improper turn	16	120	0	136	112
Improper passing	8	40	0	48	52
Improper lane change	3	29	0	32	26
Disobey traffic control	4	20	0	24	32
Following too close	4	10	0	14	13
Lost control	1	3	0	4	7
Exceeding speed limit	0	2	0	2	2
Speed too fast for condition	0	2	0	2	4
Speed too slow	0	1	0	1	1
Wrong way on one-way road	0	0	0	0	2
Total	161	978	1	1,140	1,148

Cyclists Involved in Collisions - Driver Condition

Driver Condition	2009				Annual 5 Yr Avg (04-08)
	No Injury	Injured	Fatal	Total	
Normal	108	647	1	756	779
Inattentive	26	202	0	228	184
Unknown	11	73	0	84	131
Blank	16	46	0	62	43
Ability impaired, alcohol	0	3	0	3	1
Had been drinking	0	2	0	2	4
Ability impaired , alcohol (over .08)	0	2	0	2	1
Other	0	2	0	2	4
Medical or physical disability	0	1	0	1	0
Ability impaired, drugs	0	0	0	0	0
Fatigue	0	0	0	0	1
Total	161	978	1	1,140	1,148

Cyclist Collision Rate - Toronto compared to other Canadian Cities*

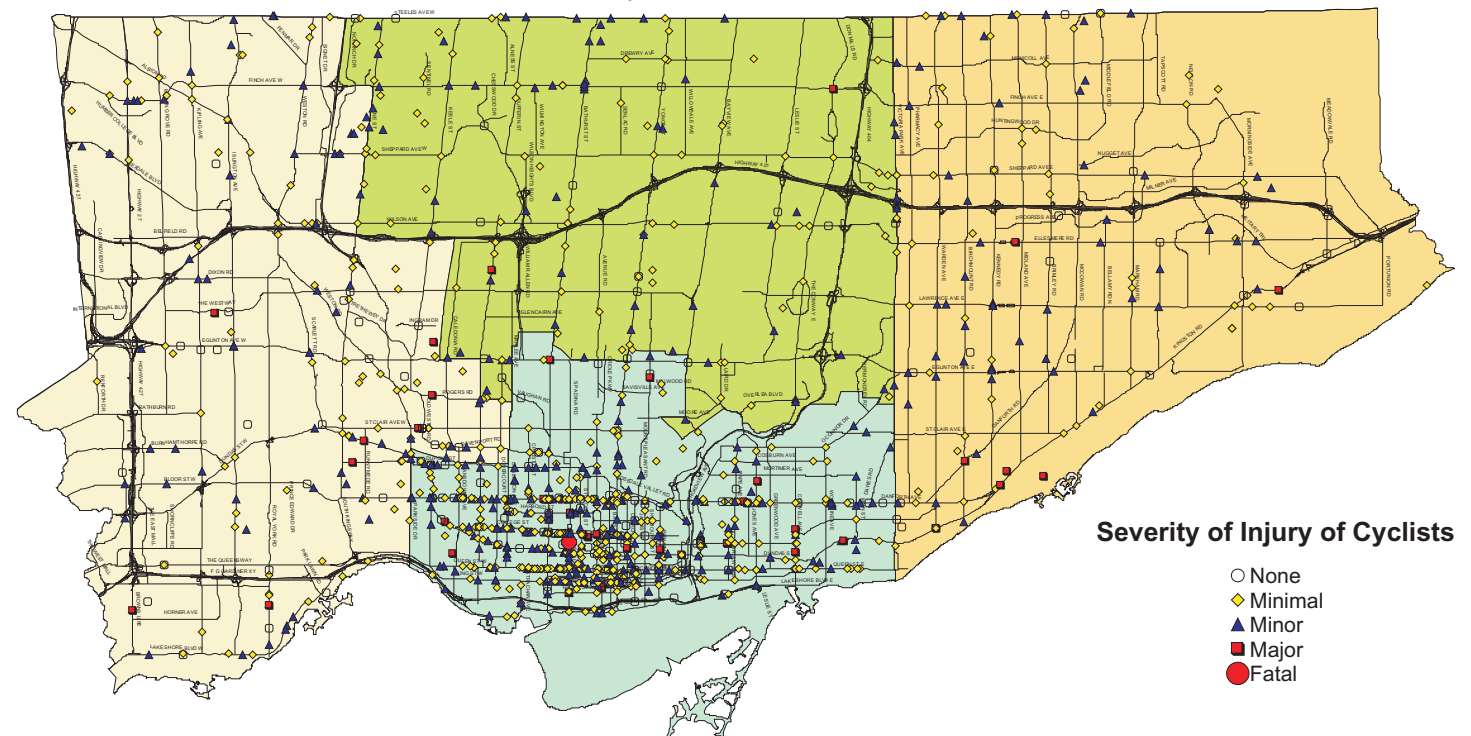
City	Population	Total Collisions	Collision Rate / 100,000 Population	Cyclist Collisions	Cyclist Collision Rate / 100,000 Population
Toronto	2,645,980	55,012	2,079	1,131	43
Montreal	1,896,206	35,406	1,867	733	39
Calgary	1,042,892	39,542	3,792	292	28
Ottawa	870,800	15,638	1,796	277	32
Edmonton	782,439	28,832	3,685	220	28
Winnipeg	678,554	12,645	1,864	149	22
Vancouver	578,041	2,637	456	229	40
Hamilton	504,559	3,335	661	139	28

* Most recent data available

Cyclist Collisions - Collision Type

Collision Types	2009				Annual 5 Yr Avg (05-08)
	No Injury	Injured	Fatal	Total	
Cyclist and Driver travelling in same direction. One vehicle sideswipes the other.	29	147	0	176	165
Motorist turned left across cyclist's path.	18	130	0	148	151
Cyclist struck opened vehicle door	7	127	0	134	136
Cyclist w/without right of w way (fault) rides into the path of motorist at intersection, lanew ay, drivew ay – Cyclist not turning.	20	111	0	131	132
Motorist turns right at non-signalized intersection (i.e. stop sign, yield, no control, and drivew ay) and strikes cyclist.	9	96	0	105	98
Motorist w/without right of w way (fault) drives into the path of cyclist at intersection, lanew ay, drivew ay – Driver not turning.	17	76	0	93	109
Motorist turning right on red at signalized intersection strikes cyclist.	9	78	0	87	94
Insufficient information (to determine cyclist crash type).	10	49	0	59	39
Motorist turning right on green or amber at signalized intersection strikes cyclist.	10	41	0	51	53
Cyclist and Driver travelling in same direction. One vehicle rear-ended the other.	10	30	0	40	45
Cyclist turned left across motorist's path.	4	22	1	27	31
Motorist makes u-turn in-front of cyclist.	1	13	0	14	10
Cyclist falls off bike – no contact w ith motorist.	0	12	0	12	3
Cyclist rode off sidew alk into road at midblock.	4	7	0	11	15
Cyclist hit in parking lot.	1	10	0	11	19
Cyclist loses control and strikes object (i.e. pole, TTC track)	2	8	0	10	7
Motorist reversing struck cyclist.	4	5	0	9	10
Cyclist strikes a parked vehicle.	3	4	0	7	7
Cyclist turns right across motorist's path	1	6	0	7	6
Cyclist struck at Pedestrian Crossover (cyclist either traveling in same direction as vehicles or riding across crossw alk)	0	3	0	3	8
Cyclist strikes another cyclist	2	0	0	2	2
Cyclist makes u-turn in-front of driver.	0	2	0	2	1
Motorist loses control and strikes cyclist.	0	1	0	1	2
Cyclist strikes pedestrian.	0	0	0	0	0
Total	161	978	1	1,140	1,142

Collisions Involving Cyclists, January 1, 2009 - December 31, 2009



Severity of Injury of Cyclists

- None
- ◆ Minimal
- ▲ Minor
- Major
- Fatal