

Traffic Safety Unit 2010

January 1 - December 31, 2010



Pedestrian

Collision Summary

Leaflet - December 2010

This leaflet presents an analysis of pedestrian collisions to Dec. 31, 2010 showing relevant facts and trends.

This leaflet includes reportable collisions involving pedestrians with motorized vehicles in the City of Toronto.

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

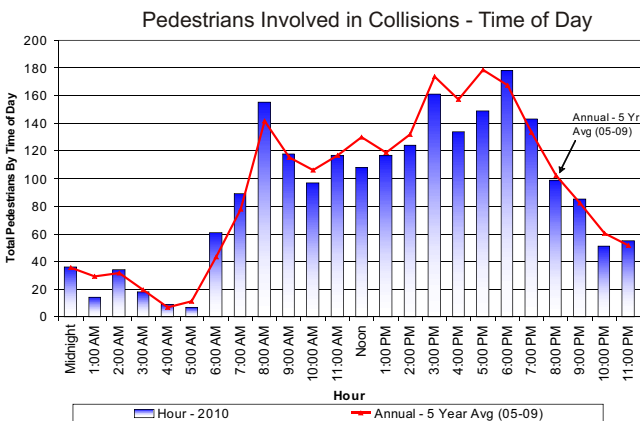
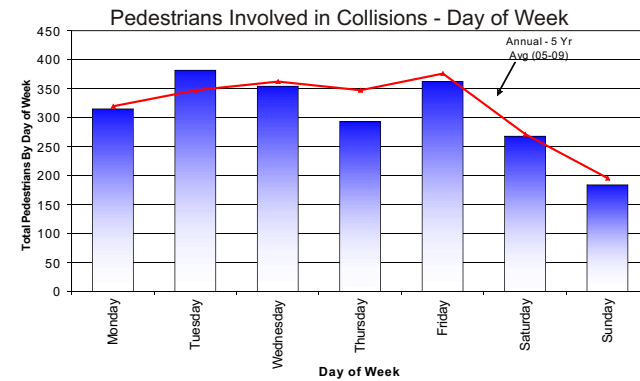
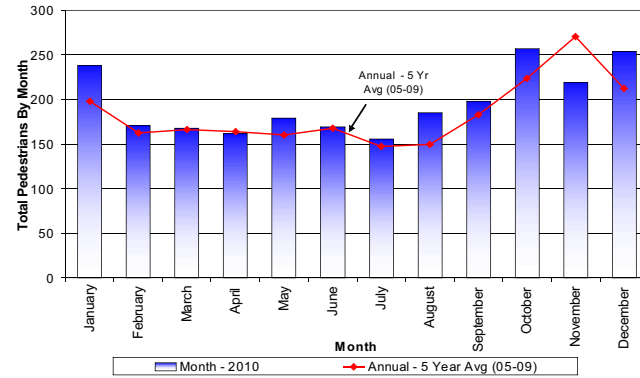


Transportation Services
Traffic Management Centre
Traffic Safety Unit

Pedestrian Collisions - History

| Year | Not Injured | Injured | Fatal | Total |
|--------------|-------------|---------------|------------|---------------|
| 2005 | 87 | 2,133 | 29 | 2,249 |
| 2006 | 105 | 2,221 | 30 | 2,356 |
| 2007 | 104 | 2,125 | 23 | 2,252 |
| 2008 | 107 | 1,919 | 27 | 2,053 |
| 2009 | 101 | 2,067 | 31 | 2,199 |
| 2010 | 91 | 2,048 | 20 | 2,159 |
| Total | 595 | 12,513 | 160 | 13,268 |

Pedestrians Involved in Collisions - Month



Pedestrians Involved in Collisions - Pedestrian Condition

| Pedestrian Condition | 2010 | | | | Annual 5 Yr Avg (05-09) |
|--------------------------------------|-----------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| Normal | 52 | 1,434 | 8 | 1,494 | 1,577 |
| Inattentive | 6 | 276 | 3 | 285 | 259 |
| Unknown | 20 | 158 | 9 | 187 | 180 |
| Had been drinking | 0 | 89 | 0 | 89 | 85 |
| Blank | 7 | 38 | 0 | 45 | 42 |
| Medical or physical disability | 1 | 30 | 0 | 31 | 40 |
| Ability impaired, alcohol | 3 | 12 | 0 | 15 | 17 |
| Other | 2 | 8 | 0 | 10 | 11 |
| Ability impaired, drugs | 0 | 2 | 0 | 2 | 6 |
| Ability impaired, alcohol (over .08) | 0 | 1 | 0 | 1 | 3 |
| Fatigue | 0 | 0 | 0 | 0 | 1 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Pedestrian Age Group by Road Class

| Age Group | 2010 | | | | | | Grand Total |
|------------------|------------|------------|------------|----------------|----------------|------------------|--------------|
| | Collector | Expressway | Local | Major Arterial | Minor Arterial | Private Property | |
| Unknown or Blank | 4 | 0 | 8 | 55 | 12 | 8 | 87 |
| 0-4 yrs | 5 | 0 | 7 | 19 | 6 | 7 | 44 |
| 5-14 yrs | 23 | 0 | 21 | 69 | 19 | 10 | 142 |
| 15-19 yrs | 8 | 0 | 9 | 110 | 33 | 7 | 167 |
| 20-24 yrs | 13 | 2 | 10 | 138 | 39 | 17 | 219 |
| 25-34 yrs | 17 | 5 | 20 | 220 | 39 | 55 | 356 |
| 35-44 yrs | 24 | 0 | 19 | 152 | 45 | 39 | 279 |
| 45-54 yrs | 19 | 0 | 16 | 212 | 45 | 45 | 337 |
| 55-64 yrs | 11 | 0 | 19 | 129 | 32 | 36 | 227 |
| 65+ yrs | 21 | 1 | 23 | 146 | 56 | 54 | 301 |
| Total | 145 | 8 | 152 | 1,250 | 326 | 278 | 2,159 |

Pedestrians Involved in Collisions - Pedestrian Age Group by Injury

| Age Group | 2010 | | | | Annual 5 Yr Avg (05-09) |
|------------------|-----------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| 0-4 yrs | 14 | 30 | 0 | 44 | 42 |
| 5-14 yrs | 5 | 137 | 0 | 142 | 175 |
| 15-19 yrs | 2 | 164 | 1 | 167 | 192 |
| 20-24 yrs | 6 | 213 | 0 | 219 | 236 |
| 25-34 yrs | 9 | 345 | 2 | 356 | 362 |
| 35-44 yrs | 13 | 261 | 5 | 279 | 326 |
| 45-54 yrs | 11 | 323 | 3 | 337 | 296 |
| 55-64 yrs | 6 | 218 | 3 | 227 | 216 |
| 65+ yrs | 5 | 291 | 6 | 302 | 290 |
| Unknown or Blank | 20 | 66 | 0 | 86 | 87 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Road Surface Condition

| Road Surface Condition | 2010 | | | | Annual 5 Yr Avg (05-09) |
|-------------------------|-----------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| Dry | 74 | 1,556 | 15 | 1,645 | 1,633 |
| Wet | 16 | 436 | 5 | 457 | 500 |
| Loose Snow | 0 | 20 | 0 | 20 | 31 |
| Other, Unknown or Blank | 1 | 18 | 0 | 19 | 20 |
| Slush | 0 | 14 | 0 | 14 | 16 |
| Ice | 0 | 3 | 0 | 3 | 9 |
| Packed Snow | 0 | 1 | 0 | 1 | 11 |
| Mud | 0 | 0 | 0 | 0 | 0 |
| Loose Gravel | 0 | 0 | 0 | 0 | 1 |
| Spilled Liquid | 0 | 0 | 0 | 0 | 0 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Traffic Control Type

| Traffic Control Type | 2010 | | | | Annual 5 Yr Avg (05-09) |
|--------------------------|-----------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| Traffic Signal | 40 | 925 | 8 | 973 | 916 |
| No Control | 36 | 867 | 10 | 913 | 1,016 |
| Stop Sign | 11 | 184 | 1 | 196 | 211 |
| Ped Crossover | 3 | 43 | 1 | 47 | 53 |
| Streetcar - Stop | 0 | 9 | 0 | 9 | 3 |
| Yield Sign | 0 | 5 | 0 | 5 | 2 |
| Police Control | 0 | 5 | 0 | 5 | 6 |
| Traffic Controller | 0 | 5 | 0 | 5 | 7 |
| School Guard | 0 | 3 | 0 | 3 | 2 |
| Other, Unknown, or Blank | 1 | 1 | 0 | 2 | 3 |
| Traffic Gate | 0 | 1 | 0 | 1 | 1 |
| School Bus | 0 | 0 | 0 | 0 | 1 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Severity of Injury

| Injury Type | 2010 | Annual 5 Yr Avg (05-09) |
|--------------|--------------|-------------------------|
| Minor | 1,050 | 1,014 |
| Minimal | 819 | 878 |
| Major | 179 | 202 |
| No Injury | 91 | 101 |
| Fatal | 20 | 28 |
| Total | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Traffic Control Type by Number of Times Driver Charged

| Type of Control | Number of Times Driver Charged |
|--------------------|--------------------------------|
| Traffic Signal | 547 |
| No Control | 215 |
| Stop Sign | 101 |
| Ped Crossover | 25 |
| Streetcar-Stop | 6 |
| Police Control | 4 |
| School Guard | 3 |
| Yield Sign | 2 |
| Traffic Controller | 2 |
| School Bus | 0 |
| Traffic Gate | 0 |
| Total | 905 |

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

Pedestrians Involved in Collisions - Driver Action

| Driver Action | 2010 | | | |
|------------------------------|-----------|--------------|-----------|--------------|
| | No Injury | Injured | Fatal | Total |
| Failed to yield right-of-way | 38 | 888 | 4 | 930 |
| Driving Properly | 25 | 519 | 14 | 558 |
| Other, Unknown or Blank | 24 | 381 | 0 | 405 |
| Improper turn | 4 | 109 | 0 | 113 |
| Disobey traffic control | 0 | 66 | 1 | 67 |
| Lost control | 0 | 38 | 0 | 38 |
| Improper passing | 0 | 21 | 1 | 22 |
| Speed too fast for condition | 0 | 9 | 0 | 9 |
| Exceeding speed limit | 0 | 7 | 0 | 7 |
| Following too close | 0 | 6 | 0 | 6 |
| Improper lane change | 0 | 3 | 0 | 3 |
| Wrong way on one-way road | 0 | 1 | 0 | 1 |
| Speed too slow | 0 | 0 | 0 | 0 |
| Total | 91 | 2,048 | 20 | 2,159 |

Pedestrian Collisions - Collision Type

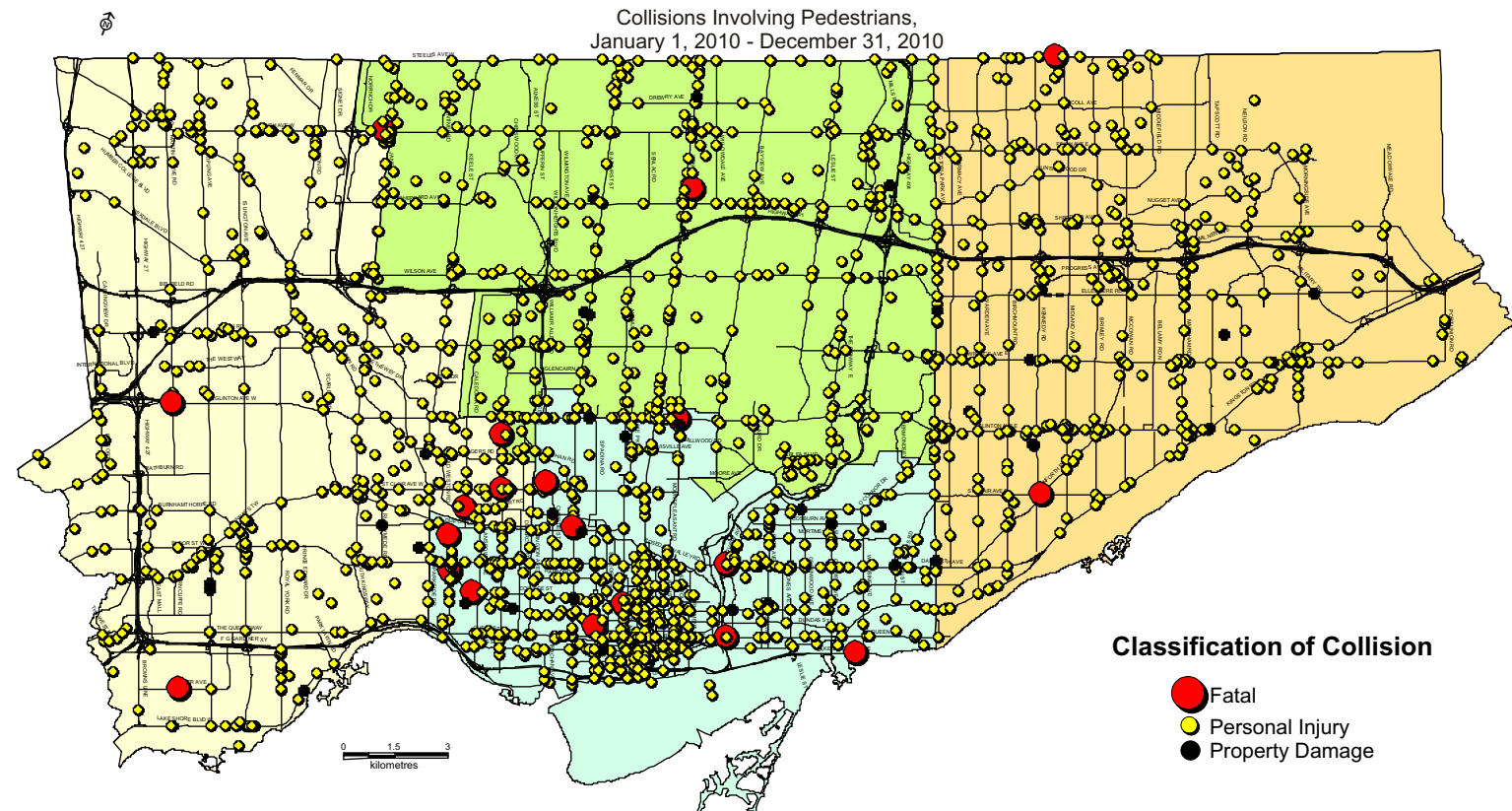
| Collision Types | Pedestrian Collisions - 2010 | | | | Annual 5 Yr Avg (05-09) |
|---|------------------------------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| Vehicle turns left while ped crosses with ROW at inter. | 17 | 507 | 0 | 524 | 444 |
| Pedestrian hit at parking lot | 9 | 267 | 0 | 276 | 279 |
| Vehicle turns right while ped crosses with ROW at inter. | 13 | 257 | 1 | 271 | 231.2 |
| Pedestrian hit at mid-block | 7 | 227 | 5 | 239 | 347 |
| Vehicle is going straight thru intersection while ped crosses without ROW | 7 | 198 | 5 | 210 | 239 |
| Vehicle is going straight Thru intersection while ped crosses with ROW | 2 | 135 | 2 | 139 | 129 |
| Other, Unknow, or Undefined | 11 | 75 | 0 | 86 | 108 |
| Vehicle is reversing and hits pedestrian | 6 | 74 | 0 | 80 | 76 |
| Pedestrian hit at private driveway | 6 | 61 | 0 | 67 | 36 |
| Pedestrian involved in a collision with transit vehicle at mid-block | 2 | 56 | 5 | 63 | 64 |
| Pedestrian hit on sidewalk or shoulder | 2 | 55 | 0 | 57 | 114 |
| Vehicle turns left while ped crosses without ROW at inter. | 2 | 47 | 0 | 49 | 54 |
| Pedestrian hit at pedestrian crossover (PXO) | 3 | 42 | 2 | 47 | 52 |
| Vehicle turns right while ped crosses without ROW at inter. | 2 | 26 | 0 | 28 | 28 |
| Vehicle hits the ped. walking, running out between parked vehicles - midblock | 2 | 21 | 0 | 23 | 20 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrians Involved in Collisions - Driver Condition

| Driver Condition | 2010 | | | | Annual 5 Yr Avg (05-09) |
|---------------------------------------|-----------|--------------|-----------|--------------|-------------------------|
| | No Injury | Injured | Fatal | Total | |
| Normal | 49 | 1,115 | 19 | 1,183 | 1,379 |
| Inattentive | 19 | 536 | 0 | 555 | 397 |
| Unknown | 12 | 317 | 1 | 330 | 328 |
| Blank | 7 | 47 | 0 | 54 | 68 |
| Other | 2 | 17 | 0 | 19 | 11 |
| Had been drinking | 1 | 6 | 0 | 7 | 15 |
| Ability impaired, alcohol (over 0.08) | 0 | 7 | 0 | 7 | 9 |
| Ability impaired, alcohol | 1 | 1 | 0 | 2 | 7 |
| Medical or physical disability | 0 | 2 | 0 | 2 | 6 |
| Ability impaired, drugs | 0 | 0 | 0 | 0 | 1 |
| Fatigue | 0 | 0 | 0 | 0 | 2 |
| Total | 91 | 2,048 | 20 | 2,159 | 2,222 |

Pedestrian Collision Rate - Toronto compared to other Canadian Cities*

| City | Population | Total Collisions | Collision Rate / 100,000 Population | Pedestrian Collisions | Pedestrian Collision Rate / 100,000 Population |
|-----------|------------|------------------|-------------------------------------|-----------------------|--|
| Toronto | 2,712,900 | 55,584 | 2,049 | 2,048 | 75 |
| Montreal | 1,934,082 | 33,782 | 1,747 | 1,353 | 70 |
| Calgary | 1,065,455 | 38,415 | 3,606 | 514 | 48 |
| Ottawa | 917,550 | 15,479 | 1,687 | 352 | 38 |
| Edmonton | 793,000 | 28,832 | 3,636 | 347 | 44 |
| Winnipeg | 687,619 | 12,166 | 1,769 | 241 | 35 |
| Vancouver | 642,843 | 3,185 | 495 | 375 | 58 |
| Hamilton | 504,559 | 3,335 | 661 | 221 | 44 |



Classification of Collision

- Fatal
- Personal Injury
- Property Damage

* Most recent data available