

Appendix B (2)

Contributing factors

Factors probably contributing to crashes (Version 06/10/2003)

Driver Control

100 Alcohol or Drugs

- 101 Alcohol suspected
- 102 Alcohol test below limit
- 103 Alcohol test above limit or test refused
- 104 Alcohol test result unknown
- 105 Visibly intoxicated non-driver
(pedestrian /cyclist/passenger)

106

107

- 108 Drugs suspected

- 109 Drugs proven

110 Too Fast for Conditions

- 111 Cornering
- 112 On straight
- 113 To give way at intersection
- 114 Approaching railway crossing
- 115 When passing stationary school bus
- 116 At temporary speed limit
- 117 At crash or emergency

120 Failed to Keep Left

- 121 Swung wide on bend
- 122 Swung wide at intersection
- 123 Cutting corner on bend
- 124 Cutting corner at intersection
- 125 On straight section
- 126 Vehicle crossed raised median
- 127 Driving or riding abreast (cyclists
more than 2 abreast)
- 128 Wandering or wobbling
- 129 Too far left/right

130 Lost Control

- 131 When turning
- 132 Under heavy braking
- 133 Under heavy acceleration
- 134 While returning to seal from
unsealed shoulder

- 135 Due to road conditions:
(requires road series code)

- 136 Due to vehicle fault (requires vehicle
series code)

- 137 Avoiding another vehicle, pedestrian,
party or obstacle on roadway

- 138 On unsealed road

- 139 End of seal

140 Failed to Signal in Time

- 141 When moving to left, pulling over to
left

- 142 When turning left

- 143 When pulling out or moving to the
right

- 144 When turning right

- 145 Incorrect Signal

150 Overtaking

- 151 Overtaking line of traffic or queue

- 152 Deliberately in the face of
oncoming traffic

- 153 Failed to notice oncoming traffic

- 154 Misjudged speed or distance of
oncoming traffic

- 155 At no passing line

- 156 With insufficient visibility

- 157 At an intersection without due care

- 158 On left without due care

- 159 Cut in after overtaking

- 160 Vehicle signalling right turn

- 161 Without care at a pedestrian crossing

170 Wrong Lane/Turned From Wrong Position

- 171 Turned right from incorrect lane

- 172 Turned left from incorrect lane

- 173 Travelled straight ahead from turning
lane or flush median

- 174 Turned right from left side of road

- 175 Turned left from near centre line

- 176 Turned into incorrect lane

- 177 Weaving or cut in on multi-lane roads

178 Moved left to avoid slow vehicle

179 Motor vehicle in cycle lane

180 In Line of Traffic

181 Following too closely

182 Travelling unreasonably slowly

183 Motorist crowded cyclist

190 Sudden Action

191 Braked

192 Turned left

193 Turned right

194 Swerved to avoid pedestrian

195 Swerved to avoid animal

196 Swerved to avoid crash or broken down vehicle

197 Swerved to avoid vehicle

198 Swerved to avoid object or for unknown reason

200 Forbidden Movements

201 Wrong way in one way street, motorway or roundabout

202 When turning or U turning contrary to a sign

203 Contrary to "in" or "out" only driveway sign

204 Driving or Riding on Footpath

205 On incorrect side of island or median

206 Contrary to "no entry" sign

207 In Car Park

Vehicle Conflicts

300 Failed to Give Way

301 At Stop Sign

302 At Give Way Sign

303 When Turning to Non-turning traffic

304 When deemed turning by markings, not geometry

305 When turning left, to opposing right turning traffic

306 To pedestrian on a crossing

307 When turning at signals to pedestrians

308 When entering roadway from driveway

309 To traffic approaching or crossing from the right

310 Failed to Give way at one lane bridge/road

311 Failed to give way to pedestrian on footpath or verge

312 Entering roadway not from driveway or intersection

320 Did not Stop

321 At stop sign

322 At steady red light

323 At steady red arrow

324 At steady amber light

325 At steady amber arrow

326 At flashing red lights (Rail Xing, Fire Stn etc)

327 For police or flag-person

328 For school patrol/kea Xing

330 Inattentive: Failed to Notice

331 Car slowing, stopping or stopped in front

332 Bend in road

333 Indication of vehicle in front

334 Traffic lights

335 Intersection or its Stop/Give Way control

336 Other regulatory sign/markings

337 Warning sign

338 Direction, information signs/markings

339 Road-works signs

340 Lane use arrows/markings?

341 Obstructions on Roadway

350 Attention Diverted By:

351 Passengers

352 Scenery or persons outside vehicle

353 Other traffic

354 Animal or insect in vehicle

355 Trying to find intersection, house number, destination

356 Advertising or signs

357 Emotionally upset

358 Cigarette, radio, glove box etc

359 Cell phone or communications device

360 Driver dazzled

370 Did not see or look for another party until too late

371 Behind when reversing / manoeuvring

372 Behind when changing lanes position or direction (includes U-turns)

373 Behind when pulling out from parked position

- 374 Behind when opening door or leaving vehicle
- 375 When required to give way to traffic from another direction
- 376 When required to give way to pedestrians
- 377 When visibility obstructed by other vehicles
- 378 When visibility limited by roadside features
- 379 When first in queue on receiving green light
- 380 Misjudged speed, distance, size or position of:**
- 381 Other vehicle coming from behind or alongside
- 382 Other vehicle coming from another direction with right of way
- 383 Pedestrian movement or intention
- 384 Towed vehicle, or while towing a vehicle
- 385 Size or position of fixed object or obstacle
- 386 Of own vehicle
- 387 Misjudged intentions of another party

General Driver

- 400 Inexperience**
- 401 in driving in fast, complex or heavy traffic
- 402 New driver showed inexperience
- 403 Driving strange vehicle
- 404 Overseas driver fails to adjust to local conditions
- 405 Driver under instruction
- 406 At towing trailer / other vehicle
- 407 Driver over-reacted
- 408 Unsupervised cyclist
- 410 Fatigue (Drowsy, Tired, Fell Asleep)**
- 411 Long trip
- 412 Lack of sleep
- 413 Exhaust fumes
- 414 Worked long hours before driving
- 415 Exceeded driving hours
- 420 Incorrect use of vehicle controls**
- 421 Started in gear
- 422 Stalled engine

- 423 Wrong pedal
- 424 Footrest, stand
- 425 Ignition turned off (steering locked)
- 426 Lights not switched on
- 427 Foot slipped
- 428 Parking brake not fully applied
- 429 Trailer coupling or safety chain not secured
- 430 Showing Off**
- 431 Racing
- 432 Playing Chicken
- 433 Wheel spins/wheelies/doughnuts etc
- 434 Intimidating Driving
- 440 Parked or Stopped
- 441 Inadequately lit at night: (not lit by street lights or park lights off)
- 442 At point of limited visibility
- 443 Not as close as practicable to side of road
- 444 On incorrect side of road
- 445 Double parked
- 446 In 'No Stopping' area
- 447 Not Clear of rail crossing

General Person

- 500 Illness and Disability**
- 501 Illness with no warning e.g. heart attack, unexpected epilepsy)
- 502 Physically disabled
- 503 Defective vision
- 504 Medical illness (not sudden) flu, diabetes
- 505 Mental illness (depression, psychosis)
- 506 Suicidal (but not successful)
- 507 Impaired ability due to old age
- 510 Intentional or Criminal**
- 511 Deliberate homicide (only if succeeded)
- 512 Intentional collision
- 513 Committed suicide (only if succeeded)
- 514 Evading enforcement
- 515 Object deliberately thrown at or dropped on vehicle/shot at
- 516 Object thrown from vehicle
- 517 Stolen vehicle

520 Driver/Passenger, Boarding, Joining, In Vehicle

- 521 Boarding moving vehicle
- 522 Intentionally leaving moving vehicle
- 523 Riding in insecure position
- 524 Interfered with driver
- 525 Opened door inadvertently
- 526 Overloaded vehicle (with passengers)
- 527 Child playing in parked vehicle

530 Miscellaneous Person

- 531 Casualty drowned
- 532 Casualty thrown from vehicle
- 533 Equestrian not keeping to verge
- 534 Cyclist or M/cyclist wearing dark clothing

Vehicles**600 Lights and Reflectors at Fault or Dirty**

- 601 Dazzling headlights
- 602 Headlights inadequate or no headlights
- 603 Headlights failed suddenly
- 604 Brake-lights or indicators faulty or not fitted
- 605 Tail-lights inadequate or no tail-lights
- 606 Reflectors inadequate or no reflectors
- 607 Lights or reflectors obscured

610 Brakes

- 611 Parking brake failed
- 612 Parking brake defective
- 613 Service brake failed
- 614 Service brake defective
- 615 Jack-knifed

620 Steering

- 621 Defective
- 622 Failed suddenly

630 Tyres

- 631 Puncture or blowout
- 632 Worn tread on tyre
- 633 Incorrect tyre type
- 634 Mixed treads/space savers

640 Windscreen or Mirror

- 641 Shattered windscreen
- 642 Windscreen or rear window dirty
- 643 Rear vision mirror not adjusted correctly

- 644 No rear vision mirror
- 645 Windscreen, or rear window misted/frosted
- 646 Inadequate or no sun-visors
- 647 Inadequate or no windscreen wipers
- 648 Cycle/Motorcycle visor, glasses, goggles or screen

650 Mechanical

- 651 Engine failure
- 652 Transmission failure (including chains and gears)
- 653 Accelerator or throttle jammed

660 Body or Chassis

- 661 Body, chassis or frame (cycle, m/c) failure
- 662 Suspension failure
- 663 Failure of door catch or door not shut
- 664 Inadequate mudguards
- 665 Inadequate tow coupling
- 666 Inadequate or no safety chain
- 667 Bonnet catch failed
- 668 Wheel off
- 669 Broken axle
- 670 Inconspicuous colour
- 671 Blind spot
- 672 Seat belt/restraint failed
- 673 Air-bag failed to inflate (fully)

680 Load

- 681 Load interferes with driver
- 682 Not well secured or load moved
- 683 Over-hanging
- 684 Load obscured vision
- 685 Excess dimensions not adequately indicated
- 686 Overdimension vehicle or load
- 687 Load too heavy
- 688 Towed vehicle or trailer too heavy or incompatible

690 Miscellaneous Vehicle

- 691 Emergency Vehicle attending emergency
- 692 Vehicle caught fire
- 693 Being towed
- 694 Air-bag contributed to crash or injury
- 695 Seatbelt/restraint absent or unusable
- 696 Dangerous goods

Pedestrians**700 Walking along Road**

- 701 Not keeping to footpath
- 702 Not keeping to side of road
- 703 Not facing oncoming traffic
- 704 Not on outside of blind curve

710 Crossing Road

- 711 Walking heedless of traffic
- 712 Stepping out from behind vehicles
- 713 Running heedless of traffic
- 714 Failed to use pedestrian crossing when one within 20 metres
- 715 Waiting on roadway for moving traffic
- 716 Confused by traffic or stepped back
- 717 Suddenly stepped onto pedestrian crossing
- 718 Not complying with traffic signals or school patrols
- 719 Misjudged speed and/or distance of vehicle

720 Miscellaneous

- 721 Pushing, working on or unloading vehicle
- 722 Playing on road or unnecessarily on road
- 723 Working on road
- 724 Wearing dark clothing
- 725 Vision obscured by umbrella or clothing
- 726 Child escaped from supervision
- 727 Unsupervised child
- 728 Sitting/lying on road
- 729 Pedestrian from School bus
- 730 Pedestrian behind reversing/manoeuvring vehicle
- 731 Overseas pedestrian

Road**800 Slippery**

- 801 Rain
- 802 Frost or ice
- 803 Snow or hail
- 804 Loose material on seal
- 805 Mud
- 806 Oil/Diesel/Fuel
- 807 Painted markings
- 808 Recently graded

- 809 Surface bleeding/defective

810 Surface

- 811 Potholed
- 812 Uneven
- 813 Deep loose metal
- 814 High crown
- 815 Curve not well banked
- 816 Edge badly defined or gave way
- 817 Under construction or maintenance
- 818 Unusually narrow
- 819 Broken glass

820 Obstructed

- 821 Fallen tree or branch
- 822 Slip or subsidence
- 823 Flood waters, large puddles, ford
- 824 Road works not adequately lighted
- 825 Road works not adequately signposted
- 826 Roadside Object fell on vehicle
- 827 Object flicked up by vehicle

830 Visibility Limited

- 831 Curve
- 832 Crest
- 833 Building
- 834 Trees
- 835 Hedge or fence
- 836 Scrub or long grass
- 837 Bank
- 838 Temporary obstruction, dust or smoke
- 839 Parked vehicle

840 Signs and Signals

- 841 Damaged, removed or malfunction
- 842 Badly located
- 843 Ineffective or inadequate
- 844 Necessary
- 845 Signals turned off

850 Markings

- 851 Faded
- 852 Difficult to see under weather conditions
- 853 Markings necessary
- 854 Not visible due to geometry or vehicles
- 855 Old markings not adequately removed

860 Street Lighting

- 861 Failed

- 862 Inadequate
- 863 Glare on wet road
- 864 Pedestrian crossing not adequately lighted
- 870 Raised Islands and Roundabouts**
- 871 Traffic Island(s) difficult to see
- 872 Traffic Island(s) ineffective, badly located or designed
- 873 Cyclist squeeze point
- Miscellaneous**
- 900 Weather**
- 901 Heavy rain
- 902 Dazzling sun
- 903 Strong wind
- 904 Fog or mist
- 905 Snow, sleet or hail
- 910 Animals**
- 911 Household pet rushed out or playing
- 912 Farm animal straying
- 913 Farm animal attended, but inadequate warning or unexpected
- 914 Farm animal attended, but out of control
- 915 Wild animal
- 920 Entering or Leaving Land Use**
- 921 Roadside Stall
- 922 Service Station
- 923 Specialised Liquor outlet
- 924 Take away foods
- 925 Shopping Complex
- 926 Car parking building/area
- 927 Other commercial
- 928 Industrial Site
- 929 Private house/farm
- 930 Other non-commercial
- 931 Mobile shop or Vendor
- 980 Unconverted old codes (not used after 1998)**
- 977 Old 920: Equestrian
- 978 Old 950: Miscellaneous
- 979 Old 960: Special Codes
- 981 Old 131: Swinging wide on bend or intersection
- 982 Old 138: Lost control – head on collision
- 983 Old 147: When changing lanes
- 984 Old 157: Cut in
- 985 Old 188: At steady red/amber arrows
- 986 Old 225: Wrong way in one way street or other forbidden movement
- 987 Old 235: Misjudged speed of other vehicle
- 988 Old 236: Misjudged distance, size or position of vehicle
- 989 Old 238: In controlling skid
- 990 Old 273: Defective vision or illness (not sudden)
- 991 Old 503: In face of traffic
- 992 Old 504: Opened door in path of another party
- 993 Old 512: Interfered with driver or overloaded vehicle
- 994 Old 737: Physical defect or old age
- 995 Old 738: Unattended child
- 996 Old 952: Suicide
- 997 Old 400: Specific Cyclist Faults
- 998 Old 930: Bicycle Faults
- 999 Unknown