

FACTORS PROBABLY CONTRIBUTING TO CRASHES

(version 4.0 for use on crashes occurring from 1 January 2016)

ALL ROAD USER FACTORS

Alcohol

- 101 Alcohol suspected
- 102 Alcohol test below limit
- 103 Alcohol test above limit or test refused
- 105 Impaired non-driver (pedestrian /cyclist/passenger, etc)
- 100 Other alcohol

Drugs

- 108 Drugs suspected
- 109 Drugs present
- 221 Impaired non-driver (pedestrian / cyclist / passenger, etc)
- 220 Other drugs

Misjudged speed, distance, size or position of

- 381 Another vehicle
- 383 Pedestrian
- 385 Size or position of fixed object or obstacle
- 386 Own vehicle
- 387 Misjudged intentions of another party
- 380 Other misjudged speed, distance, size or position

Illness

- 501 Sudden illness
- 504 Medical illness
- 505 Mental illness
- 506 Attempted suicidal
- 500 Other illness

Disability

- 502 Physical impairment
- 503 Defective vision
- 507 Impaired ability due to old age
- 508 Other disability

Driver or passenger boarding, leaving or in vehicle

- 521 Intentionally leaving / boarding moving vehicle
- 523 Riding in insecure position
- 524 Interfered with driver
- 525 Opened door inadvertently
- 527 Child playing in parked vehicle
- 520 Other driver or passenger boarding, leaving or in vehicle

Reason for death/injury

- 531 Casualty drowned
- 532 Casualty thrown from vehicle
- 535 Electrocuton
- 536 Unsecured child seat
- 537 Child restrained failure/inappropriate
- 672 Seatbelt failed / defective
- 673 Air bag failed / defective
- 530 Other reasons for death/injury

DRIVER ONLY FACTORS

Inappropriate speed

- 111 Entering/on curve
- 112 On straight
- 113 Approaching a traffic control
- 115 When passing school bus
- 116 At temporary speed limit
- 117 At crash or emergency
- 118 For road conditions
- 119 For weather conditions
- 182 Travelling unreasonably slowly
- 110 Other inappropriate speed conditions

Position on road

- 121 Swung wide on bend
- 122 Swung wide at intersection
- 123 Cutting corner on bend
- 124 Cutting corner at intersection
- 125 Too far right
- 126 Vehicle crossed flush median
- 129 Too far left
- 120 Other positions on road

Lost control

- 131 Lost control when turning
- 132 Lost control under braking

- 133 Lost control under acceleration
- 134 Lost control while returning to seal from unsealed shoulder
- 135 Lost control – road conditions
- 136 Lost control – vehicle fault
- 137 Lost control avoiding another party
- 130 Other lost control

Appropriate signalling

- 141 Failed to signal in time
- 145 Incorrect signal
- 140 Other failed to signal

Overtaking

- 151 Overtaking line of traffic or queue
- 152 Overtaking in the face of oncoming traffic
- 156 With insufficient visibility
- 157 Overtaking at an intersection
- 158 On left without due care
- 159 Cut in after overtaking
- 160 Vehicle signalling turn
- 150 Other overtaking

Wrong lane or turned from wrong position

- 171 Turned from incorrect lane
- 173 Travelled straight from turning lane or flush median
- 174 Turned from incorrect position on road
- 176 Turned into incorrect lane
- 177 Weaving or cut in on multi-lane roads
- 179 Long vehicle tracked outside lane
- 184 Incorrect merging / diverging
- 170 Other wrong lane or position

Following too close

- 181 Following too closely
- 183 Motorist crowded cyclist
- 180 Other following too close

Sudden action

- 191 Suddenly braked
- 192 Suddenly turned left/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
- 199 Swerved avoiding emergency Vehicle
- 190 Other sudden action

Forbidden movements

- 201 Wrong way on road / motorway
- 202 Non-compliance with regulatory device with sign or marking
- 204 Driving / riding in pedestrian space
- 208 Motor vehicle in special purpose lane
- 200 Other forbidden movements

Did not stop

- 321 At stop sign
- 322 At full red traffic signal
- 324 At amber traffic signal
- 326 At flashing red signals (railway crossing, fire stations, etc)
- 327 For traffic controller
- 328 For school patrol / kea crossing
- 320 Other did not stop

Failed to give way

- 301 At a priority traffic control
- 303 When turning to non-turning traffic
- 304 When priority defined by road markings
- 306 To a pedestrian
- 308 When entering roadway from driveway
- 309 To traffic approaching or crossing from the right
- 312 Entering roadway not from driveway or intersection
- 313 Failed to give way to emergency vehicle
- 314 Driver waved through
- 315 When turning right to opposing left turning traffic
- 316 To traffic approaching or crossing from the left
- 300 Other failed to give way

Attention diverted by: inside vehicle

- 351 Passengers
- 354 Animal or insect in vehicle
- 357 Emotionally upset / road rage
- 359 Cell phone
- 361 Navigation device
- 362 Non cell communication device
- 364 Vehicle console inbuilt features: radio / heater, etc
- 365 Objects under driver's pedals
- 366 Food, cigarettes, beverages, etc

Attention diverted by: outside vehicle

- 352 Scenery or persons outside vehicle
- 353 Other traffic
- 355 Trying to find intersection, house number, destination, etc
- 356 Advertising or signs
- 363 Driver dazzled
- 350 Other attention diverted by (inside/outside vehicle)

Failed to notice

- 331 Vehicle slowing, stopping or stationary in front
- 332 Bend in road
- 333 Indication of vehicle in front
- 334 Failed to notice control
- 336 Failed to notice signs
- 339 Failed to notice road works
- 340 Failed to notice markings
- 341 Obstructions on roadway
- 534 Another party wearing dark clothing
- 330 Other inattentive

Did not see or look for other parties until too late

- 371 Did not check / notice another party behind
- 375 Did not check / notice another party
- 377 When visibility obstructed by other traffic
- 370 Other did not see or look

Lack of experience

- 401 In driving in fast complex or heavy traffic
- 402 New driver / under instruction
- 403 Driving unfamiliar with vehicle/towing
- 404 Overseas / migrant driver fails to adjust to NZ road rules and road conditions
- 407 Driver over-reacted
- 400 Other lack of experience

Fatigue (drowsy, tired or fell asleep)

- 411 Long trip
- 412 Lack of sleep
- 414 Long day (working / recreation)
- 415 Exceeded driving hours
- 410 Other fatigue

Vehicle control mistakes

- 421 Started in gear / stalled
- 423 Wrong pedal / foot slipped
- 426 Lights not switched on
- 428 Parking brake not fully applied
- 429 Trailer coupling or safety chain not secured
- 420 Other vehicle controls

Parking

- 441 Parked vehicle is not visible
- 443 Incorrectly parked vehicle
- 447 Not clear of rail crossing
- 440 Other parking

Intentional action: Showing off

- 431 Racing
- 432 Playing 'chicken'
- 433 Wheel spins / wheelies / doughnuts / drifting etc
- 434 Intimidating driving
- Intentional
- 430 Other intentional actions

Intentional or criminal

- 511 Homicide/suicide (successful)
- 512 Intentional collision
- 514 Evading enforcement
- 515 Object thrown (at / by / from)
- 518 Over the speed limit
- 510 Other intentional or criminal

PEDESTRIAN FACTORS

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
- 705 Wheeled pedestrian behaviour
- 700 Other pedestrian walking along the road

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 carriageway / confused by traffic
- 717 Stepping suddenly onto crossing
- 718 Not complying with traffic signals or school patrols
- 719 Misjudged speed and/or distance of vehicle
- 740 Looking the wrong way
- 710 Other pedestrian crossing the road

Miscellaneous

- 533 Equestrian not keeping to verge
- 721 Pushing, working on or unloading vehicle
- 722 Playing / unnecessarily on road
- 723 Working on road
- 725 Vision obscured by umbrella or hood
- 726 Child escaped from supervision
- 727 Unsupervised child
- 729 Pedestrian from or to school bus
- 730 Pedestrian behind reversing / manoeuvring vehicle
- 731 Overseas pedestrian
- 732 Pedestrian attention diverted by cigarette, cell phone, music player
- 733 Pedestrian from or to scheduled service
- 720 Other pedestrian

VEHICLE FACTORS

Running lights

- 601 Dazzling headlights
- 602 Headlights inadequate / no headlights or 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
- 608 Confusing / dazzling lights
- 609 Lights or reflectors at fault or dirty
- 600 Other lights or reflectors

Brakes

- 611 Parking brake failed / defective
- 613 Service brake failed
- 614 Service brake defective
- 615 Jack-knifed – uneven braking
- 610 Other brakes

Steering

- 621 Defective
- 622 Failed suddenly
- 620 Other steering

Tyres

- 631 Puncture or blowout
- 632 Worn tread on tyre
- 633 Incorrect tyre type
- 634 Mixed types (tread) / space savers
- 630 Other tyres

Windscreens, mirrors, visors

- 641 Shattered windscreen
- 642 Vehicle windows / helmet visors / goggles / glasses / misted / dirty / windscreen wipers
- 643 Rear vision mirror
- 640 Other windscreen / mirror

Mechanical

- 651 Engine failure
- 652 Transmission failure /broken axle
- 653 Accelerator or throttle jammed
- 650 Other mechanical

Chassis / running gear

- 661 Body, chassis or frame (cycle / motorcycle) failure
- 662 Suspension failure
- 665 Inadequate tow coupling
- 666 Inadequate or no safety chain
- 668 Wheel off
- 660 Other chassis / gear

Body / doors

- 667 Door / bonnet catch failed, defective or not shut
- 670 Inconspicuous colour
- 671 Blind spot
- 664 Other body / doors

Load

- 681 Load interferes with driver
- 682 Not well secured
- 683 Over-hanging
- 684 Load obscured vision
- 686 Over-dimensional vehicle or load
- 687 Load too heavy
- 688 Towed vehicle or trailer too heavy or incompatible
- 680 Other load

Miscellaneous vehicle

- 691 Emergency vehicle
- 692 Vehicle caught fire
- 693 Being towed
- 697 Vehicle software failure
- 690 Other vehicle

ROAD FACTORS

Slippery road surface

- 801 Rain
- 802 Frost or ice
- 803 Snow or hail
- 804 Loose material on seal
- 805 Mud / effluent
- 806 Oil / fuel
- 807 Painted markings
- 808 Recently graded
- 809 Surface bleeding / defective
- 813 Deep loose metal
- 828 Steel / iron covers and joints
- 800 Other slippery road condition

Surface condition

- 811 Potholed
- 812 Uneven
- 814 High crown
- 815 Curve not well banked
- 816 Edge badly defined or gave way
- 817 Under construction or maintenance
- 818 Unusually narrow
- 810 Other surface condition

Obstructions and objects

- 821 Fallen tree or branch
- 822 Slip or subsidence
- 823 Flood waters, large puddles and fords
- 824 Road works not adequately lit/sign posted
- 826 Roadside object fell on vehicle
- 827 Object flicked by other vehicle
- 820 Other road obstructed

Visibility limited by: road feature

- 831 Curve
- 832 Crest
- 837 Bank
- 849 Traffic signs

Visibility limited by: other feature

- 833 Building
- 834 Trees
- 835 Hedge or fence
- 836 Scrub, long grass or foliage
- 838 Temporary obstruction, dust or smoke

- 839 Parked vehicle
- 829 Signs / billboards / hoardings
- 830 Other road feature limit visibility

Signs and signals

- 841 Damaged, removed or malfunction
- 842 Badly located
- 843 Ineffective / inadequate / obscured
- 844 Necessary
- 845 Signals off
- 840 Other signs or signals

Markings / Islands / Barriers

- 851 Faded
- 852 Difficult to see due to weather or geometry
- 853 Markings necessary
- 872 Traffic island(s) ineffective, badly located or designed
- 856 Barriers necessary
- 857 Island necessary
- 850 Other markings / islands / barriers

Street lighting

- 861 Failed
- 862 Inadequate for road and pedestrian crossing
- 860 Other street lighting factors

ENVIRONMENT FACTORS

Weather

- 901 Heavy rain
- 902 Dazzling sun
- 903 Strong wind
- 904 Fog or mist
- 905 Snow, sleet or hail
- 900 Other weather

Animals

- 911 Household pets rushed out or playing
- 912 Farm animals straying
- 913 Farm animals attended, but inadequate warning or unexpected
- 914 Farm animals attended, but out of control
- 915 Wild animal
- 910 Other animal factors

NO IDENTIFIABLE FACTORS

- 999 Unknown

RETIRED CODES – DO NOT USE

- 106 Alcohol not suspected, tested and –ve (MOT use only)
- 305 When turning left, to opposing right turning traffic (old road rule)
- 358 Cigarette, radio, heater, AC, glove box, object under drivers feet/pedals etc
- 517 Stolen vehicle
- 920 Other entering or leaving land use
- 921 Roadside stall
- 922 Service station
- 923 Specialised liquor outlet
- 924 Take-away food outlet
- 925 Shopping complex
- 926 Car parking building / area
- 927 Other commercial activity
- 928 Industrial site
- 929 Private house or farm
- 930 Non-commercial activities
- 931 Mobile shop or vendor