

CAUSATIVE AND CONTRIBUTORY FACTORS

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

- 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

- 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

- 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

- 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

- 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

Illness	171 Turned from incorrect lane	333 Indication of vehicle in front	718 Not complying with traffic signals or school patrols	683 Over-hanging	853 Markings necessary
501 Sudden illness	173 Travelled straight from turning lane or flush median	334 Failed to notice control	719 Misjudged speed and/or distance of vehicle	684 Load obscured vision	872 Traffic island(s) ineffective, badly located or designed
504 Medical illness	174 Turned from incorrect position on road	336 Failed to notice signs	740 Looking the wrong way	686 Over-dimensional vehicle or load	856 Barriers necessary
505 Mental illness	176 Turned into incorrect lane	339 Failed to notice road works	710 Other pedestrian crossing the road	687 Load too heavy	857 Island necessary
506 Attempted suicidal	177 Weaving or cut in on multi-lane roads	340 Failed to notice markings	Miscellaneous	688 Towed vehicle or trailer too heavy or incompatible	850 Other markings / islands / barriers
500 Other illness	179 Long vehicle tracked outside lane	341 Obstructions on roadway	533 Equestrian not keeping to verge	680 Other load	Street lighting
Disability	184 Incorrect merging / diverging	534 Another party wearing dark clothing	721 Pushing, working on or unloading vehicle	Miscellaneous vehicle	861 Failed
502 Physical impairment	170 Other wrong lane or position	330 Other inattentive	722 Playing / unnecessarily on road	691 Emergency vehicle	862 Inadequate for road and pedestrian crossing
503 Defective vision	Following too close	Did not see or look for other parties until too late	723 Working on road	692 Vehicle caught fire	860 Other street lighting factors
507 Impaired ability due to old age	181 Following too closely	371 Did not check / notice another party behind	725 Vision obscured by umbrella or hood	693 Being towed	
508 Other disability	183 Motorist crowded cyclist	375 Did not check / notice another party	726 Child escaped from supervision	697 Vehicle software failure	
Driver or passenger boarding, leaving or in vehicle	180 Other following too close	377 When visibility obstructed by other traffic	727 Unsupervised child	690 Other vehicle	ENVIRONMENT FACTORS
521 Intentionally leaving / boarding moving vehicle	Sudden action	370 Other did not see or look	729 Pedestrian from or to school bus		Weather
523 Riding in insecure position	191 Suddenly braked	Lack of experience	730 Pedestrian behind reversing / manoeuvring vehicle	ROAD FACTORS	901 Heavy rain
524 Interfered with driver	192 Suddenly turned left/right	401 In driving in fast complex or heavy traffic	731 Overseas pedestrian	Slippery road surface	902 Dazzling sun
525 Opened door inadvertently	194 Swerved to avoid pedestrian	402 New driver / under instruction	732 Pedestrian attention diverted by cigarette, cell phone, music player	801 Rain	903 Strong wind
527 Child playing in parked vehicle	195 Swerved to avoid animal	403 Driving unfamiliar with vehicle/towing	733 Pedestrian from or to scheduled service	802 Frost or ice	904 Fog or mist
520 Other driver or passenger boarding, leaving or in vehicle	196 Swerved to avoid crash or broken down vehicle	404 Overseas / migrant driver fails to adjust to NZ road rules and road conditions	720 Other pedestrian	803 Snow or hail	905 Snow, sleet or hail
Reason for death/injury	197 Swerved to avoid vehicle	407 Driver over-reacted	VEHICLE FACTORS	804 Loose material on seal	900 Other weather
531 Casualty drowned	199 Swerved avoiding emergency Vehicle	400 Other lack of experience	Running lights	805 Mud / effluent	Animals
532 Casualty thrown from vehicle	190 Other sudden action	Fatigue (drowsy, tired or fell asleep)	601 Dazzling headlights	806 Oil / fuel	911 Household pets rushed out or playing
535 Electrocution	Forbidden movements	411 Long trip	602 Headlights inadequate / no headlights or failed suddenly	807 Painted markings	912 Farm animals straying
536 Unsecured child seat	201 Wrong way on road / motorway	412 Lack of sleep	604 Brake lights or indicators faulty or not fitted	808 Recently graded	913 Farm animals attended, but inadequate warning or unexpected
537 Child restrained failure/inappropriate	202 Non-compliance with regulatory device with sign or marking	414 Long day (working / recreation)	605 Tail lights inadequate or no tail lights	809 Surface bleeding / defective	914 Farm animals attended, but out of control
672 Seatbelt failed / defective	204 Driving / riding in pedestrian space	415 Exceeded driving hours	606 Reflectors inadequate or no reflectors	813 Deep loose metal	915 Wild animal
673 Air bag failed / defective	208 Motor vehicle in special purpose lane	410 Other fatigue		828 Steel / iron covers and joints	910 Other animal factors
530 Other reasons for death/injury	200 Other forbidden movements	Vehicle control mistakes		800 Other slippery road condition	NO IDENTIFIABLE FACTORS
DRIVER ONLY FACTORS		421 Started in gear / stalled		Surface condition	999 Unknown
Inappropriate speed				811 Potholed	
111 Entering/on curve				812 Uneven	
112 On straight				814 High crown	
113 Approaching a traffic control				815 Curve not well banked	

115 When passing school bus	Did not stop	423 Wrong pedal / foot slipped	607 Lights or reflectors obscured	816 Edge badly defined or gave way	RETIRED CODES - DO NOT USE
116 At temporary speed limit	321 At stop sign	426 Lights not switched on	608 Confusing / dazzling lights	817 Under construction or maintenance	106 Alcohol not suspected, tested and -ve (MOT use only)
117 At crash or emergency	322 At full red traffic signal	428 Parking brake not fully applied	609 Lights or reflectors at fault or dirty	818 Unusually narrow	305 When turning left, to opposing right turning traffic (old road rule)
118 For road conditions	324 At amber traffic signal	429 Trailer coupling or safety chain not secured	600 Other lights or reflectors	810 Other surface condition	
119 For weather conditions	326 At flashing red signals (railway crossing, fire stations, etc)	420 Other vehicle controls	Brakes	Obstructions and objects	358 Cigarette, radio, heater, AC, glove box, object under drivers feet/pedals etc
182 Travelling unreasonably slowly	327 For traffic controller	Parking	611 Parking brake failed / defective	821 Fallen tree or branch	517 Stolen vehicle
110 Other inappropriate speed conditions	328 For school patrol / kea crossing	441 Parked vehicle is not visible	613 Service brake failed	822 Slip or subsidence	920 Other entering or leaving land use
Position on road	320 Other did not stop	443 Incorrectly parked vehicle	614 Service brake defective	823 Flood waters, large puddles and fords	921 Roadside stall
121 Swung wide on bend	Failed to give way	447 Not clear of rail crossing	615 Jack-knifed – uneven braking	824 Road works not adequately lit/sign posted	922 Service station
122 Swung wide at intersection	301 At a priority traffic control	440 Other parking	610 Other brakes	826 Roadside object fell on vehicle	923 Specialised liquor outlet
123 Cutting corner on bend	303 When turning to non-turning traffic	Intentional action: Showing off	Steering	827 Object flicked by other vehicle	924 Take-away food outlet
124 Cutting corner at intersection	304 When priority defined by road markings	431 Racing	621 Defective	820 Other road obstructed	925 Shopping complex
125 Too far right	306 To a pedestrian	432 Playing 'chicken'	622 Failed suddenly	Visibility limited by: road feature	926 Car parking building / area
126 Vehicle crossed flush median	308 When entering roadway from driveway	433 Wheel spins / wheelies / doughnuts / drifting etc	620 Other steering	831 Curve	927 Other commercial activity
129 Too far left	309 To traffic approaching or crossing from the right	434 Intimidating driving Intentional	Tyres	832 Crest	928 Industrial site
120 Other positions on road	312 Entering roadway not from driveway or intersection	430 Other intentional actions	631 Puncture or blowout	837 Bank	929 Private house or farm
Lost control	313 Failed to give way to emergency vehicle	Intentional or criminal	632 Worn tread on tyre		930 Non-commercial activities
131 Lost control when turning	314 Driver waved through	511 Homicide/suicide (successful)	633 Incorrect tyre type		931 Mobile shop or vendor
	315 When turning right to opposing left turning traffic		634 Mixed types (tread) / space savers		
	316 To traffic approaching or crossing from the left		630 Other tyres		
			Windscreens, mirrors, visors		
			641 Shattered windscreen		
			642 Vehicle windows / helmet visors / goggles / glasses / misted / dirty / windscreen wipers		