

01 OCT 2018

Daniel Wilson
fyi-request-8573-f3f31296@requests.fyi.org.nz

Our ref: OIA 70590

Dear Mr Wilson

Official Information Act request: ROC*ROI algorithm and seriousness of offence scores

Thank you for your email of 29 August 2018 to the Department of Corrections requesting, under the Official Information Act 1982 (the Act), information regarding ROC*ROI algorithm and seriousness of offence scores. On 3 September 2018, the Department of Corrections responded to part one of your request, Q1) *Is the ROC*ROI algorithm still the same as that mentioned in the following 2012 document from the Department of Corrections:*

<https://fyi.org.nz/request/501/response/4002/attach/4/Attachment%20C59531.PDF.pdf?>

If not, please could you provide an updated version of this algorithm, and transferred parts two and three to the Ministry. Please find answers to your specific questions below.

- 2. Given that the scores of the seriousness of offences have been updated since 2013, have the numeric weightings in the ROC*ROI algorithm (i.e., all the numeric values in the PDF document linked to in Q1) been updated in any way too? If the numeric weightings in the ROC*ROI formula have been revised, please could you provide the revised version of the ROC*ROI algorithm with the current weightings.*

The Department of Corrections have outlined in their response that the seriousness of offence scores in the ROC*ROI algorithm is updated whenever the Ministry updates the scores. The Ministry completed a full refresh of seriousness score in 2016. Since then a number of new offence codes have been added for which seriousness scores have been calculated. The Ministry provides the Department of Corrections with a six-monthly updates of offence code information, which includes, the values of seriousness score.

- 3. An updated table of the scores of the seriousness of offences was released in May 2017 (https://www.parliament.nz/en/pb/order-paper-questions/written-questions/document/QWA_02191_2017/2191-2017-darroch-ball-to-the-minister-of-justice). Given that these scores are inputs into the ROC*ROI algorithm, please advise whether these scores are still accurate. If the scores are no longer accurate, please could you provide an updated table of scores.*

The seriousness scores published are those currently used by the Ministry. However, since May 2017, there have been new and updated offences for which new seriousness scores have been calculated. Seriousness scores that differ from those published, including new offence codes, have been provided in the attached document. Please note that these new seriousness scores were calculated using the same data as those calculated in the 2016 seriousness score update (using 2015 data). For new offence codes that have been enacted since 2015, the seriousness score is assigned based on the Australian and New Zealand Standard Offence Classification grouping for that offence. For more information about seriousness score see the Ministry of Justice website:

www.justice.govt.nz/assets/Documents/Publications/2016-FAQs-Seriousness-Scores2.pdf.

If you require any clarification of the information contained in this response please contact Antony Paltridge, Team Leader, Media and External Relations, at Antony.Paltridge@justice.govt.nz or call (04) 918 8980 or 027 689 0667. Furthermore, if you are not satisfied with my response to your request, you have the right to complain to the Ombudsman under section 28(3) of the OIA. The Ombudsman may be contacted by email at info@ombudsman.parliament.nz.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Anton Youngman', written over a light blue horizontal line.

Anton Youngman

General Manager – Sector Insights

Offence Code	Offence Description	Seriousness Score
1766	Fail to Comply with Harmful Digital Communications Act Order	13.71295732
4567	Obtain by Deception - Match Fixing	235.7927473
4568	Cause Loss by Deception - match fixing	235.7927473
6927	Use/Disclosure of Personal Info in Breach of s105A	68.25407
7118	Bribe Outside NZ Foreign Public Official s105D	68.25407
7183	Breach of Proceeds Of Crime Act 1991	3.73484859
7761	Failing to Comply with Reporting Obligations (Child Sex Offender Register)	22.5
7762	Providing False or Misleading Information (Child Sex Offender Register)	86.54480476
7763	Unauthorised Disclosure from Child Sex Offender Register	20.22995146
7764	Personal Information from the Child Sex Offender Register Disclosed without Consent	20.22995146
7765	Application for Change of Name by Registerable Offender	86.54480476
7995	Breach of Outer Space and High Altitudes Act 2017	0.182905983
7996	Breach of Intelligence and Security Act 2017	0.249287749
9098	Breach Employment Relations Act 2000	0.085470085
9299	Breach Canterbury Regional Council Navigation Safety Bylaws	0.341880342
9357	Offence of reckless conduct in respect of duty	6.495726496
9358	Breach Health and Safety At Work Act 2015	0.341880342
9359	Breach Health and Safety At Work Regulations 2016	0.341880342
9387	Supplying a pool product without an approved notice	0.341880342
9388	Failing to comply with a notice to fix in relation to a means of restrict	0.419278253
9389	Breach Airport Authorities Bylaw	0.341880342
9425	Breach Maritime (Offences) Regulations 1998	0.341880342
9426	Failing To Comply With A Constable's Directions Under s13 Returning Offenders Act	0.702538203
9427	Breach of Release Conditions	13.59844513
9428	Offences involving deception	309.7761385
9429	Other offences Wine Act 2003	0.341880342
9441	Unlawfully imported food for the purposes of sale	49.2625881
9442	Failed to register a food control plan or to ensure that a food control plan is registered with the appropriate authority	49.2625881
9443	Failed to ensure that a food business that is subject to a national programme is registered with the appropriate authority	49.2625881
9444	Breach Food Act 2014	0.854700855
9449	Breach Vulnerable Children Act 2014	0.341880342
9461	Breach of Extended Supervision Order	20.97952693
9462	Breach Standard Release or Special Conditions	42.42357755
9463	Breach Standard Release or Special Conditions	88.51584466
9464	Breach Court Release Condition Prison	42.42357755
9465	Breach of release conditions under 71A of the Parole Act 2002	42.42357755
9466	Breach Home Detention Conditions	42.42357755
9467	Breach Post Detention Conditions	22.11404087
9468	Breach of Conditions of Intensive Supervision	22.11404087
9469	Breach Conditions of Supervision	88.51584466
9488	Fail to prepare and lodge product disclosure statement	282.5056927

9489	Knowingly or recklessly fail to provide disclosure	282.5056927
9491	Offer financial products of entity that does not exist	9.738409738
9492	Insider conduct	282.5056927
9493	Give false or misleading statement or information	282.5056927
9494	Give false or misleading appearance of trading	282.5056927
9495	Knowingly fail to comply with financial reporting standards	282.5056927
9496	Knowingly or recklessly contravening prohibition on offers	74
9497	Knowingly/recklessly contravening other provisions re defective disclosure	282.5056927
9498	General offence for false or misleading statements	282.5056927
9499	Contravene banning order	9.738409738
9501	Breach s75 Credit Contracts and Consumer Finance Act 2003	366.4069408
9502	Breach s108 Credit Contracts and Consumer Finance Act 2003	36.80555556
9503	Other breaches Credit Contracts and Consumer Finance Act 2003	0.085470085
A410	In charge blood contained evidence of controlled drug caused death	643.8627451
A411	In charge - CIT - qualifying drug in blood - caused injury	2.226303659
A412	In charge - CIT - qualifying drug in blood - caused death	1.379517169
A435	In charge - CIT - qualifying drug in blood - 3rd or sub - caused injury	195.6620568
A436	In charge - CIT - qualifying drug in blood - 3rd or sub - caused death	643.8627451
A668	Transport service driver excess breath alcohol causing death - 3rd or sub	643.8627451
B218	Driver failed to give name and address on demand	0.990420529
B219	Driver gave false information as to own identity	0.990420529
B225	Failed to stop when required 2nd offence	15.811618
B226	Driver failed to give name and address on demand 2nd offence	0.990420529
B227	Driver gave false information as to own identity 2nd offence	0.990420529
B228	Failed to stop when followed by red/blue flashing lights 2nd offence	0.705234144
B229	Failed to remain stopped for an enforcement officer 2nd offence	0.990420529
B230	Driver gave false information as to own identity 3rd or subsequent	0.990420529
C220	Not Up To Certificate of Fitness Standard (Braking Defect)	0.932400932
C221	Not Up To Certificate of Fitness Standard (Cab, Chassis Or Body Defect)	0.932400932
C222	Not Up To Certificate of Fitness Standard (Drive Line Defect)	0.932400932
C223	Not Up To Certificate of Fitness Standard (Load Anchorage Defect)	0.932400932
C224	Not Up To Certificate of Fitness Standard (Fluid Leak)	0.932400932
C225	Not Up To Certificate of Fitness Standard (Lighting System Defect)	0.932400932
C226	Not Up To Certificate of Fitness Standard (Steering System Defect)	0.932400932
C227	Not Up To Certificate of Fitness Standard (Suspension System Defect)	0.932400932
C228	Not Up To Certificate of Fitness Standard (Tow Coupling Defect)	0.932400932
C229	Not Up To Certificate of Fitness Standard (Vision Glazing Defect)	0.932400932
C230	Not Up To Certificate of Fitness Standard (Wheels or Tyres Defect)	0.932400932
C411	Vehicle Failed To Comply With An SRT Of At Least 0.35g	0.958092087
C412	Heavy Trailer 1st Reg After 1/7/2002 Height Over 2.8m Not SRT Certified	0.958092087
E987	Exceeded 110 km/h posted speed limit	5.229847054
G900	Heavy Vehicle Speeding - Speed Camera	0.341880342
G901	Exceeded 80 Km/H Hmv With Trailer - Speed Camera	4.273504274
G902	Exceeded 80 Km/H While Towing - Speed Camera	4.273504274
G903	Exceeded 90 Km/H Towing Semitrailer - Speed Camera	4.273504274
G904	Exceeded 90 Km/H Heavy Motor Vehicle - Speed Camera	4.273504274

G905	Exceeded 80 Km/H School Bus - Speed Camera	4.2735
H645	Heavy Trailer Mass Exceeded Maximum Towed Mass Of Light Towing Vehicle	1.0523
H646	Operated Truck And Simple Trailer Over 40 Tonne	1.0523
H808	Exceeded axle mass limit - overweight permit vehicle	0.7052
H809	Exceeded mass on 2 axles in tandem axle set - overweight permit vehicle	0.7052
H810	Exceeded maximum mass limit in tri-axle set - overweight permit vehicle	1.0523
H811	Exceeded maximum mass limit - quad-axle set - overweight permit vehicle	0.7052
H812	Exceeded limit 2 or more axles (not tandem/tri/quad) - OWP permit vehicle	1.0523
H813	Exceeded mass on 2 axles (twin-steer axle set) - overweight permit vehicle	1.0523
H814	Exceeded Twin-Tyred Axle Mass Limit - Passenger Service Vehicle	1.0523
H815	Exceeded Mass On 2 Axles In Tandem Axle Set - Passenger Service Vehicle	1.0523
K142	Drove vehicle used in an unlicensed transport service	1.3422
K143	Facilitator failed to keep or produce records	20.964
K197	Passenger failed to provide evidence they had paid the fare	1.7898
K198	Transport passenger failed to provide information as to identity	0.4032
K199	Transport passenger failed to comply with enforcement officer's direction	0.4032
K273	Failed to Pay Public Transport Service Fare	1.7898
K523	Vehicle with DG classes 3 or 6 entered Lyttelton Tunnel without authority	1.4474
K524	Vehicle with restricted DG entered Lyttelton Tunnel without permission	1.4474
K577	Failed To Comply With Traffic Sign Regarding Transport Of Dangerous Goods	3.2297
K780	Operator failed to display current transport service licence card	0.9718
K781	Small passenger service operator failed comply with duties regarding driver	0.9718
K782	Operated non-compliant small PSV with no in-vehicle security	0.9718
K783	In-vehicle security camera system not correctly installed	0.85470
L233	Drove contrary to terms of alcohol interlock licence - 3rd or subsequent	36.8964
L234	Drove contrary to terms of zero alcohol licence - 3rd or subsequent	1.34224
L519	Aided or abetted learner to use not suitably qualified overseer	0.79923
L550	Driver failed to maintain logbook - stage 3 accelerated licence	0.73962
L551	Driver failed to have required rest break - stage 3 accelerated licence	0.73962
L556	Aided or abetted learners overseer not to be seated near driver	0.79923
L557	Aided or abetted learner to carry pillion on a motorcycle or moped	0.79923
L558	Aided or abetted learner licensee to fail to display an L plate	0.79923
L559	Aided or abetted learner rider to use motorcycle to tow another vehicle	0.79923
L560	Aided or abetted learner rider to ride other than approved motorcycle	0.79923
L561	Aided or abetted restricted drivers overseer not seated next to driver	0.79923
L562	Aided or abetted restricted rider to carry pillion on motorcycle or moped	0.79923
L563	Aided or abetted restricted driver to carry unauthorised passenger	0.79923
L564	Aided or abetted breach of automatic transmission condition on licence	0.79923
L565	Aided or abetted restricted rider to use motorcycle to tow a vehicle	0.79923
L566	Aided or abetted restricted rider to ride other than approved motorcycle	0.79923
M409	Failed to ensure child under 7 years in approved child restraint	0.73962
M410	Failed to ensure child aged 7 years used restraint or seatbelt	0.73962
N663	Breached critical condition of overweight permit - gross mass	1.0523
N664	Breached critical condition of overweight permit - CoL mass limit	1.0523
N665	Breached critical condition of overweight permit - bridge restriction	1.0523
N666	Failed to carry or produce overweight permit	1.0523

N667	Breached critical condition of high-productivity permit - gross mass	1.052350427
N668	Breached critical condition of high-productivity permit - CoL mass	1.052350427
N669	Breached critical condition high-productivity permit - bridge restriction	1.052350427
N670	Failed to produce or carry high-productivity motor vehicle permit	0.958092087
N671	Breached critical condition - specialist vehicle permit - gross mass	1.052350427
N672	Breached critical condition - specialist vehicle permit - CoL mass limit	1.052350427
N673	Breached Critical Condition - Specialist Veh Permit - Bridge Restriction	1.052350427
N674	Failed to carry and produce overweight permit - specialist vehicle permit	0.739612423
N675	Operated tractor/agricultural trailer with inadequate towing connection	0.932400932
N676	Failed to use overdimension vehicle on available designated route	0.739612423
N677	Overdimension vehicle operator failed to re-erect traffic control device	0.739612423
N678	Operated overdimension vehicle without due consideration	0.739612423
N679	Operator of overdimension vehicle failed to notify emergency services	0.739612423
N680	Used overdimension motor vehicle on a prohibited road	0.739612423
N681	Overdimension permit vehicle operator failed to notify Agency of movement	0.739612423
N682	Overdimension Vehicle Operator Failed to Re-erect Traffic Control Device	0.739612423
N683	Overdimension Operator Failed to Notify Removal or Traffic Control Device	0.739612423
N684	Overdimension Vehicle Breached Specific Toll Route Restrictions	0.739612423
N685	Breached Critical Condition - Overdimension Vehicle - Dimension Limits	1.052350427
N686	Breached Critical Condition - Overdimension Vehicle - Pilot Requirements	1.052350427
N687	Failed to comply with HPMV permit condition regarding mass limit	0.958092087
N688	Failed to comply with HPMV permit condition regarding other condition	0.958092087
N689	Failed to comply with HPMV permit condition regarding dimension limit	0.958092087
N690	Failed to comply with specialist vehicle permit condition - mass limit	0.958092087
N691	Failed to comply with specialist veh permit condition - other condition	0.958092087
N692	Breached critical condition - overdimension permit - maximum dimensions	1.052350427
N693	Breached critical condition - overdimension permit - insufficient pilots	1.052350427
N694	Overdimension permit - operator failed to manage hazardous situation	0.739612423
N695	Operated an overlength vehicle	0.958092087
N696	Operated an overlength pole trailer	0.958092087
P325	Parked heavy motor vehicle or stock vehicle in an urban area - Manawatu	0.16011396
P341	Failed to display pay and display receipt - Ashburton	0.16011396
P342	Displayed an expired pay and display receipt - Ashburton	0.16011396
P343	Exceeded maximum time in pay and display area - Ashburton	0.16011396
P345	Parked vehicle for purpose of sale, exhibition, or demonstration - Timaru	0.16011396
P346	Parked vehicle for purpose of sale or advertising it for sale - Timaru	0.16011396
P347	Parked vehicle on road or footpath for purposes of repair - Timaru	0.16011396
P348	Failed to angle-park with vehicle front facing inwards - Timaru	0.16011396
P376	Parked metered space using electronic payment - time expired - Whangarei	0.16011396
P377	Parked using electronic payment - time expired - Whangarei	0.16011396
P380	Parked in paid parking area longer than paid for - Auckland	0.16011396
P381	Parked in paid parking area without paying correct fee - Auckland	0.16011396
P382	Parked in paid parking area without following payment requirements - Auck	0.16011396
P384	Motorcycle parked in pay-by-space area - Wellington	0.323485693
P385	Parked in a Pay Area longer than paid for - Tauranga	0.16011396
P386	Parked in a Pay Area without paying applicable fee - Tauranga	0.16011396

P650	Child Used Skateboard/In-Line Skates In Prohibited Area - Upper Hutt	0.913263691
Q177	Freedom camped in a no freedom camping zone - Queenstown	1.709401709
Q178	Freedom camped in restricted area not in self-contained vehicle - Qtown	1.709401709
Q179	Freedom camped more than 2 nights at same site or area - Queenstown	1.709401709
Q180	Freedom camped in breach of consent conditions - Queenstown	1.709401709
Q181	Freedom camper failed to leave site clean and tidy - Queenstown	1.709401709
Q182	Freedom camper lit fire at camping site - Queenstown	1.709401709
Q184	Parked across a line marking a metered space - Napier	0.16011396
Q199	Parked on a grassed verge - Marlborough	0.185937752
Q259	Freedom camped other than in a vehicle - Napier	0.323485693
Q260	Freedom camper stayed in restricted area during prohibited period -Napier	0.323485693
Q261	Self-contained camper in restricted area stayed more than 2 nights-Napier	0.323485693
Q262	Self-contained freedom camper camped outside designated area - Napier	0.323485693
Q263	Freedom camper lit a fire - Napier	0.323485693
Q264	Freedom camped in restricted area not in self-contained vehicle - Tauranga	0.341880342
Q265	Freedom camped in restricted area outside the designated area - Tauranga	0.341880342
Q266	Freedom camped in a prohibited area - Tauranga	0.341880342
Q267	Freedom camped more than 2 nights same site or area in a month - Tauranga	0.341880342
Q268	Freedom camped in a restricted area without parking legally - Tauranga	0.341880342
Q269	Freedom camper left household refuse in or around litter bin - Tauranga	0.341880342
Q270	Freedom camped in restricted area - failed to remove all rubbish - Tauranga	0.341880342
Q271	Freedom camper prevented others performing legitimate activities - Tauranga	0.341880342
Q272	Freedom camped in a restricted area and lit a fire at the site - Tauranga	0.341880342
Q273	Freedom camped in restricted area - breached noise requirements - Tauranga	0.341880342
Q274	Freedom camped in breach of location-specific restrictions - Tauranga	0.341880342
R101	Unlawfully washed or offered to wash a vehicle on a road	0.472934473
R602	Drove a vehicle on a beach - Western Bay of Plenty	4.154635462
R603	Unauthorised Commercial Activity On A Road - Christchurch City	6.688034188
R605	Drove prohibited category of heavy vehicle on a road - Central Otago	0.739612423
R606	Drove Heavy Vehicle On A Prohibited Road - Renwick	1.628679962
R607	Drove Heavy Motor Vehicle on Prohibited Road - Christchurch	0.085470085
R608	Used a Motor Vehicle Under 3500kg in a Prohibited Area - Hamilton	0.085470085
R678	Vehicle Carrying Uncovered Loose Bulk Load Entered Waterview Tunnels	0.932400932
R679	Vehicle or Load over 4.30m in Height Entered Waterview Tunnels	0.932400932
R680	Person in Waterview Tunnels Failed to Comply with Directions	1.628679962
R681	Undertook an Unauthorised Activity in Waterview Tunnels	1.628679962
R699	Cleaned Windows Of A Vehicle Stopped On A Road - Rotorua	1.271784605
V315	Vehicles required lighting or reflective material not in sound condition	0.932400932
V316	Operated vehicle where required lighting equipment was obscured	0.932400932
V317	Operated vehicle with non-compliant rear registration-plate light	0.932400932
V578	Repaired or modified vehicle so it no longer met emission standards	0.932400932
V635	Electronic stability control not in good order	0.932400932
V636	Failed to ensure electronic stability control not removed from vehicle	0.932400932
V637	Failed to ensure electronic stability control warning system in good order	0.932400932

V687	Repairer failed to ensure electronic stability control in good order	0.932400932
V688	Repairer removed electronic stability control from vehicle	0.932400932
V689	Repairer failed to ensure ESC warning system in good order	0.932400932
W550	Seafarers breath alcohol level exceeded 250 mcgs per litre of breath	40.26956352
W551	Seafarers blood alcohol level exceeded 50 mgs per 100 mls of blood	40.26956352
W552	Seafarer failed to remain for result of breath screening test	22.5
W553	Seafarer failed to accompany enforcement officer	22.5
W554	Seafarer failed to remain for evidential breath test	22.5
W555	Seafarer failed to remain for blood test	22.5
W556	Seafarer failed to remain for blood test at another place	22.5
W557	Seafarer failed to accompany officer to another place for blood test	22.5
W558	Seafarer failed to remain for result of evidential breath test	22.5
W559	Seafarer refused officers request for blood specimen	22.5
W560	Seafarer refused to give blood specimen to a doctor or medical officer	22.5
W561	Seafarer refused request for blood specimen at hospital	22.5
W717	Reckless conduct in respect of duty	6.495726496
W718	Exposed individual to risk of serious harm or illness	49.2625881
W719	Failed to comply with duty	49.2625881
W720	PCBU failed to preserve site of notifiable event	3.958211892
W721	PCBU failed to notify regulator of notifiable event	3.958211892
W722	PCBU failed to keep records of each notifiable event	3.958211892
W723	Failed to comply with provisional improvement notice	49.2625881
W724	Engaged in adverse conduct	49.2625881
W725	Got another person to engage in adverse conduct	49.2625881
W726	Induced/coerced person to breach Health and Safety at Work Act	49.2625881
W727	Made false/misleading representation regarding obligations	49.2625881
W728	Failed to comply with improvement notice	49.2625881
W729	Failed to comply with prohibition notice	49.2625881
W730	Failed to comply with non-disturbance notice	49.2625881
W731	Failed to display notice at or near workplace	3.958211892
W732	Interfered with a notice displayed at or near workplace	3.958211892
W733	Interfered with a notice displayed by an inspector	3.958211892
W734	Failed to comply with enforceable undertaking	49.2625881
W735	Failed to comply with order	49.2625881
W736	Failed to provide all necessary assistance to an inspector	3.958211892
W737	Failed to provide inspector with correct name and address	3.958211892
W738	Hindered or obstructed an inspector	3.958211892
W739	Impersonated an inspector	3.958211892
W740	Gave false or misleading information	3.958211892
W741	Produced false or misleading document	3.958211892