



18 December 2023

Kia ora [REDACTED]

Your Official Information Act request, reference: GOV-029307

Thank you for your email of 30 November 2023, asking for the following information under the Official Information Act 1982 (the Act):

is it possible to be get a breakdown of the upper limb injuries from 2017 – 2021, with type of injury and what sports the injury happened during. E.g., rugby f- fractures to hand 3000, gymnastics, wrist sprain 25000

Is it also possible to please get an average of number of treatments per injury type e.g., fracture – 12 treatments, wrist sprain 24 treatments, and whether these were HT treatments or Physio treatments.

The requested information is attached to this letter as Appendix 1

When interpreting the data provided, please refer to the 'Notes' tab.

As this information may be of interest to other members of the public

ACC may publish a copy of this response on ACC's website. All requester data, including your name and contact details, will be removed prior to release. The released response will be made available www.acc.co.nz/resources/#/category/12.

If you have any questions about this response, please get in touch

You can email me at GovernmentServices@acc.co.nz.

Ngā mihi

Sara Freitag
Manager Official Information Act Services
Government Engagement

Caveats and Notes:

- Accredited employer claims have been excluded.
- All claims included are accepted for cover.
- Claims are included where the lodgement / payment date are between 01 January 2017 and 31 December 2021.
- Claims are included where the accident sport name contains any sport.
- Claims are included where the site of the injury is one of the following:
 - 'Upper And Lower Arm'
 - 'Hand/wrist'
 - 'Elbow'
 - 'Finger/thumb'
- The type of injury and injury site are based on the primary injury diagnosis. A claim may have more than one injury diagnosis but only the primary one is included here.
- New claims is the count of claims that were lodged with ACC in the specified period. The lodgement date may be any date after the accident occurred.
- Active claims is the count of claims for which ACC made a payment to in the specified period. The claim may have been lodged in the specified period or any previous period.
- A claim may be active in multiple periods, and will be counted once in each period it is active.
- Figures in Table 1 are based on the number of units listed on a payment. Where a payment is not measured in units, the number of units is estimated to be 1. Claims have been excluded where the sum of units is zero or less (where sessions have been reversed).
- Type of treatment is included where the service is for either hand therapy or physiotherapy. For the list of service item codes please see appendix.
- Data were extracted on 6 December 2023 and may differ if extracted at a later date.

Table 1: The total number of active claims and the median and average number of treatments for hand therapy or physiotherapy services for upper limb injuries relating to sports between 01 January 2017 and 31 December 2021, broken down by type of injury.

Type of Treatment	Type of Injury	Active Claims	Median Treatments	Average Treatments
Hand Therapy	Soft tissue injury (contusion, strain, sprain)	6,595	219	5,509
	Fracture / dislocation	20,775	18	58
	Infected / non-infected laceration / puncture / sting	1,861	15	31
	Grasping process - local inflammation	66	26	78
	Amputation	21	17	97
	Fracture	21	17	97
	Upper limb - small, common injury	5	48	58
	Contusion / laceration / skin including crushing	5	12	62
	Grasping process - compress synd.	5	12	62
	Grasping process - compress synd.	5	12	62
	Pain symptoms	2	212	212
	Laceration - not infected	41	85	85
	Other	83	2	4
	Soft tissue injury (contusion, strain, sprain)	6,595	219	5,509
	Fracture / dislocation	20,775	18	58
Physiotherapy	Soft tissue injury (contusion, strain, sprain)	6,595	219	5,509
	Fracture / dislocation	20,775	18	58
	Infected / non-infected laceration / puncture / sting	1,861	15	31
	Grasping process - local inflammation	66	26	78
	Amputation	21	17	97
	Fracture	21	17	97
	Upper limb - small, common injury	5	48	58
	Contusion / laceration / skin including crushing	5	12	62
	Grasping process - compress synd.	5	12	62
	Grasping process - compress synd.	5	12	62
	Pain symptoms	2	212	212
	Laceration - not infected	41	85	85
	Other	83	2	4
	Soft tissue injury (contusion, strain, sprain)	6,595	219	5,509
	Fracture / dislocation	20,775	18	58

Table 3: The number of new claims for upper limb injuries relating to sports between 01 January 2017 and 31 December 2021, broken down by sport and the top 3 most prevalent type of injury.

Sport	Type of Injury	Lodgement Calendar Year				
		2017	2018	2019	2020	2021
Rugby Union	Soft tissue injury (contusion, strain, sprain)	6,699	6,601	7,938	5,509	6,489
	Fracture / dislocation	2,331	2,338	2,299	2,294	2,294
	Infected / non-infected laceration / puncture / sting	484	502	519	287	348
	Grasping process - local inflammation	25	23	18	32	32
	Amputation	2,798	2,778	3,355	4,037	3,834
Cycling	Soft tissue injury (contusion, strain, sprain)	1,861	1,861	2,299	2,294	2,294
	Fracture / dislocation	1,861	1,861	2,299	2,294	2,294
	Infected / non-infected laceration / puncture / sting	1,861	1,861	2,299	2,294	2,294
	Grasping process - local inflammation	1,861	1,861	2,299	2,294	2,294
	Amputation	1,861	1,861	2,299	2,294	2,294
Basketball	Soft tissue injury (contusion, strain, sprain)	3,011	3,081	3,004	3,431	3,088
	Fracture / dislocation	1,412	1,300	1,343	1,285	1,304
	Infected / non-infected laceration / puncture / sting	225	19	21	10	21
	Grasping process - local inflammation	16	16	13	10	10
	Amputation	4,002	3,068	3,062	3,464	3,068
Netball	Soft tissue injury (contusion, strain, sprain)	1,205	1,133	1,158	826	1,027
	Fracture / dislocation	107	107	107	41	41
	Infected / non-infected laceration / puncture / sting	3,188	3,084	3,702	2,890	2,892
	Grasping process - local inflammation	1,300	1,437	1,609	1,268	1,338
	Amputation	2,14	2,14	2,19	1,00	1,03
Soccer	Soft tissue injury (contusion, strain, sprain)	10	8	4,307	3,028	3,447
	Fracture / dislocation	307	318	269	234	250
	Infected / non-infected laceration / puncture / sting	268	268	269	170	170
	Grasping process - local inflammation	29	28	26	24	25
	Amputation	1,300	1,300	1,338	1,015	1,197
Fitness Training / Gym	Soft tissue injury (contusion, strain, sprain)	1,008	1,013	1,134	1,389	1,311
	Fracture / dislocation	502	497	400	400	410
	Infected / non-infected laceration / puncture / sting	5	5	5	5	5
	Grasping process - local inflammation	759	719	1,038	1,172	1,181
	Amputation	1,241	1,241	1,241	1,241	1,241
Skateboarding	Soft tissue injury (contusion, strain, sprain)	581	608	348	238	275
	Fracture / dislocation	145	124	4	2	2
	Infected / non-infected laceration / puncture / sting	1,472	1,528	1,550	1,697	1,268
	Grasping process - local inflammation	1,003	983	973	1,081	933
	Amputation	141	141	141	82	89
Rugby League	Soft tissue injury (contusion, strain, sprain)	1,472	1,528	1,550	1,697	1,268
	Fracture / dislocation	1,003	983	973	1,081	933
	Infected / non-infected laceration / puncture / sting	141	141	141	82	89
	Grasping process - local inflammation	1,472	1,528	1,550	1,697	1,268
	Amputation	1,003	983	973	1,081	933
Hockey	Soft tissue injury (contusion, strain, sprain)	1,103	1,303	1,259	1,543	1,558
	Fracture / dislocation	1,103	1,303	1,259	1,543	1,558
	Infected / non-infected laceration / puncture / sting	175	162	159	178	180
	Grasping process - local inflammation	2	2	2	2	2
	Amputation	1,105	1,075	1,245	1,039	877
Outdoor Cricket	Soft tissue injury (contusion, strain, sprain)	265	265	265	265	265
	Fracture / dislocation	163	163	163	163	163
	Infected / non-infected laceration / puncture / sting	1,105	1,075	1,245	1,039	877
	Grasping process - local inflammation	163	163	163	163	163
	Amputation	879	915	915	789	789
Mountain Biking	Soft tissue injury (contusion, strain, sprain)	1,005	1,005	1,005	1,005	1,005
	Fracture / dislocation	415	421	370	309	288
	Infected / non-infected laceration / puncture / sting	1,308	1,528	1,484	1,377	1,301
	Grasping process - local inflammation	211	211	211	211	211
	Amputation	51	61	86	61	65
Boxing	Soft tissue injury (contusion, strain, sprain)	619	625	677	556	567
	Fracture / dislocation	619	625	677	556	567
	Infected / non-infected laceration / puncture / sting	44	58	25	24	22
	Grasping process - local inflammation	619	625	677	556	567
	Amputation	44	58	25	24	22
Snowboarding	Soft tissue injury (contusion, strain, sprain)	658	504	308	306	297
	Fracture / dislocation	4,277	4,277	4,277	4,277	4,277
	Infected / non-infected laceration / puncture / sting	105	73	40	33	44
	Grasping process - local inflammation	658	504	308	306	297
	Amputation	1,079	1,019	1,109	1,211	1,310
Horse Riding	Soft tissue injury (contusion, strain, sprain)	161	179	208	290	237
	Fracture / dislocation	161	179	208	290	237
	Infected / non-infected laceration / puncture / sting	161	179	208	290	237
	Grasping process - local inflammation	161	179	208	290	237
	Amputation	161	179	208	290	237
Volleyball	Soft tissue injury (contusion, strain, sprain)	1,708	1,703	1,708	1,708	1,708
	Fracture / dislocation	93	86	106	99	75
	Infected / non-infected laceration / puncture / sting	741	741	741	741	741
	Grasping process - local inflammation	93	86	106	99	75
	Amputation	1,708	1,703	1,708	1,708	1,708
Tennis	Soft tissue injury (contusion, strain, sprain)	284	300	270	223	189
	Fracture / dislocation	284	300	270	223	189
	Infected / non-infected laceration / puncture / sting	284	300	270	223	189
	Grasping process - local inflammation	284	300	270	223	189
	Amputation	284	300	270	223	189
Skiing - Snow	Soft tissue injury (contusion, strain, sprain)	418	1,883	1,169	1,832	1,807
	Fracture / dislocation	177	188	222	203	217
	Infected / non-infected laceration / puncture / sting	41	43	43	43	43
	Grasping process - local inflammation	418	1,883	1,169	1,832	1,807
	Amputation	177	188	222	203	217
Martial Arts	Soft tissue injury (contusion, strain, sprain)	977	906	973	875	962
	Fracture / dislocation	35	28	24	22	19
	Infected / non-infected laceration / puncture / sting	977	906	973	875	962
	Grasping process - local inflammation	35	28	24	22	19
	Amputation	977	906	973	875	962
Weightlifting	Soft tissue injury (contusion, strain, sprain)	251	250	174	116	143
	Fracture / dislocation	251	250	174	116	143
	Infected / non-infected laceration / puncture / sting	251	250	174	116	143
	Grasping process - local inflammation	251	250	174	116	143
	Amputation	251	250	174	116	143
Gymnastics	Soft tissue injury (contusion, strain, sprain)	3	2	5	1	2
	Fracture / dislocation	3	2	5	1	2
	Infected / non-infected laceration / puncture / sting	3	2	5	1	2
	Grasping process - local inflammation	3	2	5	1	2
	Amputation	3	2	5	1	2
Golf	Soft tissue injury (contusion, strain, sprain)	502	507	529	572	561
	Fracture / dislocation	502	507	529	572	561
	Infected / non-infected laceration / puncture / sting	502	507	529	572	561
	Grasping process - local inflammation	502	507	529	572	561
	Amputation	502	507	529	572	561
Fishing	Soft tissue injury (contusion, strain, sprain)	364	392	391	601	567
	Fracture / dislocation	364	392	391	601	567
	Infected / non-infected laceration / puncture / sting	364	392	391	601	567
	Grasping process - local inflammation	364	392	391	601	567
	Amputation	364	392	391	601	567
Trail Biking, Motocross	Soft tissue injury (contusion, strain, sprain)	113	143	259	250	227
	Fracture / dislocation	113	143	259	250	227
	Infected / non-infected laceration / puncture / sting	113	143	259	250	227
	Grasping process - local inflammation	113	143	259	250	227
	Amputation	113	143	259	250	227
Motorcycling	Soft tissue injury (contusion, strain, sprain)	383	305	387	425	451
	Fracture / dislocation	383	305	387	425	451
	Infected / non-infected laceration / puncture / sting	383	305	387	425	451
	Grasping process - local inflammation	383	305	387	425	451
	Amputation	383	305	387	425	451
Dancing	Soft tissue injury (contusion, strain, sprain)	211	179	171	192	207
	Fracture / dislocation	463	474	533	450	397
	Infected / non-infected laceration / puncture / sting	107	107	107	107	107
	Grasping process - local inflammation	211	179	171	192	207
	Amputation	463	474	533	450	397
Softball, Baseball	Soft tissue injury (contusion, strain, sprain)	507	507	439	380	344
	Fracture / dislocation	1,033	1,033	1,033	1,033	1,033
	Infected / non-infected laceration / puncture / sting	36	20	22	20	22
	Grasping process - local inflammation	507	507	439	380	344
	Amputation	1,033	1,033	1,033	1,033	1,033
Ice Skating	Soft tissue injury (contusion, strain, sprain)	312	288	281	221	281
	Fracture / dislocation	312	288	281	221	281
	Infected / non-infected laceration / puncture / sting	312	288	281	221	281
	Grasping process - local inflammation	312	288	281	221	281
	Amputation	312	288	281	221	281
Surfing	Soft tissue injury (contusion, strain, sprain)	68	78	93	58	71
	Fracture / dislocation	68	78	93	58	71
	Infected / non-infected laceration / puncture / sting	68	78	93	58	71
	Grasping process - local inflammation	68	78	93	58	71
	Amputation	68	78	93	58	71
Boating	Soft tissue injury (contusion, strain, sprain)	293	236	90	97	93
	Fracture / dislocation	126	91	18	11	16
	Infected / non-infected laceration / puncture / sting	293	236	90	97	93
	Grasping process - local inflammation	293	236	90	97	93
	Amputation	293	236	90	97	93
Squash	Soft tissue injury (contusion, strain, sprain)	421	456	461	345	466
	Fracture / dislocation	26	27	33	20	29
	Infected / non-infected laceration / puncture / sting	421	456	461	345	466
	Grasping process - local inflammation	26	27	33	20	29
	Amputation	421	456	461	345	466
Triathlon	Soft tissue injury (contusion, strain, sprain)	204	273	289	323	381
	Fracture / dislocation	107	144	204	213	169
	Infected / non-infected laceration / puncture / sting	204	273	289	323	381
	Grasping process - local inflammation	107	144	204	213	169
	Amputation	204	273	289	323	381
Badminton	Soft tissue injury (contusion, strain, sprain)	411	411	360	367	467
	Fracture / dislocation	24	28	24	26	18
	Infected / non-infected laceration / puncture / sting	411	411	360	367	467
	Grasping process - local inflammation	24	28	24	26	18
	Amputation	411	411	360	367	467
Roller Skating	Soft tissue injury (contusion, strain, sprain)	220	334	398	413	476
	Fracture / dislocation	151	218	293	328	426
	Infected / non-infected laceration / puncture / sting	17	42	47	40	39
	Grasping process - local inflammation	220	334	398	413	476
	Amputation	151	218	293	328	426
Swimming - Pool	Soft tissue injury (contusion, strain, sprain)	273	273	118	87	80
	Fracture / dislocation	65	46	22	9	11
	Infected / non-infected laceration / puncture / sting	273	273	118	87	80
	Grasping process - local inflammation	65	46	22	9	11
	Amputation	273	273	118	87	80
Jogging	Soft tissue injury (contusion, strain, sprain)	20	20	26	263	266
	Fracture / dislocation	96	127	135	117	97
	Infected / non-infected laceration / puncture / sting	20	20	26	263	266
	Grasping process - local inflammation	96	127	135	117	97
	Amputation	20	20	26	263	266
Swimming	Soft tissue injury (contusion, strain, sprain)	103	156	207	171	142
	Fracture / dislocation	41	66	95	82	83
	Infected / non-infected laceration / puncture / sting	103	156	207	171	142
	Grasping process - local inflammation	41	66	95	82	83
	Amputation	103	156	207	171	142
Athletics	Soft tissue injury (contusion, strain, sprain)	210	170	121	114	112
	Fracture / dislocation	27	25	16	16	15
	Infected / non-infected laceration / puncture / sting	210	170	121	114	112
	Grasping process - local inflammation	27	25	16	16	15
	Amputation	210	170	121	114	112
Rock Climbing	Soft tissue injury (contusion, strain, sprain)	242	215	247	200	280
	Fracture / dislocation	27	17	16	14	15
	Infected / non-infected laceration / puncture / sting	242	215	247	200	280
	Grasping process - local inflammation	27	17	16	14	15
	Amputation	242	215	247	200	280
Kayaking	Soft tissue injury (contusion, strain, sprain)	205	179	140	147	152
	Fracture / dislocation	15	12	9	3	6
	Infected / non-infected laceration / puncture / sting	205	179	140	147	152
	Grasping process - local inflammation	15	12	9	3	6
	Amputation	205	179	140	147	152
Indoor Cricket	Soft tissue injury (contusion, strain, sprain)	149	136	120	108	118
	Fracture / dislocation	23	23	23	24	28
	Infected / non-infected laceration / puncture / sting	25	20	12	11	9
	Grasping process - local inflammation	149	136	120	108	118
	Amputation	23	23	23	24	28
Hurling	Soft tissue injury (contusion, strain, sprain)	130	131	156	139	156
	Fracture / dislocation	22	15	21	35	25
	Infected / non-infected laceration / puncture / sting	130	131	156	139	156
	Grasping process - local inflammation	22	15	21	35	25
	Amputation	130	131	156	139	156
Bocals	Soft tissue injury (contusion, strain, sprain)	131	128	107	84	104
	Fracture / dislocation	131	128	107	84	104

Appendix: Service codes used to find hand therapy and physiotherapy services.

Type of Treatment	Service Code	Service Description
Hand Therapy	HAND2	Subsequent hand therapy consultation
	HT13	Hand Therapy - Splinting fee post surgery
	HT12	Hand Therapy -Follow-up consultation post surgery
	HT02	Hand Therapy - Follow-up consultation
	HT05	Hand Therapy - Reactivation consultation
	HT01	Hand Therapy - Initial consultation
	HAND1	Initial hand therapy consultation
	HAND3	Hand Therapy Splinting Fee
	HT03A	Hand Therapy - Splinting/Wound Dressing Fee
	HT13A	Hand Therapy - Splinting/Wound Dressing post surg
	HT11	Hand Therapy - Initial consultation post surgery
	HT03	Hand therapy - Splinting fee
Physiotherapy	PT2	Physiotherapy Consultation - Follow up
	PHY3	Physiotherapy Treatment
	PHY07	Physiotherapy Treatment - Post Surgery
	PT11	Physiotherapy consultation post surgery - initial
	PT31	Physiotherapy Services - DHB Initial Consultation
	PT32	Physiotherapy Services - DHB FollowUp Consultation
	PTP	Physiotherapy - Pelvic assessment & treatment
	PT40	Physiotherapy Consultation - Initial, CSC Pilot
	PT12	Physiotherapy consultation post surgery -follow-up
	PT04	Lvl B Physio Consult - Extended Duratn, Follow-up
	PT41	Physiotherapy Consultation - Follow up, CSC Pilot
	PT01	Physiotherapy Consultation - Initial
	PHY3OM	Physiotherapy Treatment during Omicron