

# **Claim API User Interface**

### Introduction

Support material for each API consists of:

- The document titled "Provider API User Interface" which provides an overall context regards the service the specific API supports - see the Developer Portal, Future APIs / Provider APIs / Introduction;
- 2. The API itself;
- 3. Its Specification;
- 4. Its Mapping document; and
- 5. This document as a repository for remaining important items.

This document contains information specific to this API regards:

- 1. Sandpit / Test / Compliance Environment;
- 2. Production Environment;
- 3. Quirks to keep in mind;
- 4. Support messages for the Provider; and
- 5. Additional Services / Functions / Steps for the Provider.

For the latter two items, tables are provided, and each item within is classified as follows:

- 1. Required ACC will check integration prior to go live.
- 2. **Recommended** ACC have learnt, primarily from Provider feedback, that this is good for the Provider; resulting in better quality submissions & less pain for them.
- 3. **Optional** Something ACC has learnt for your consideration.

## Sandpit / Test / Compliance Environment

All such terms can and are used interchangeably; internally ACC uses the term Compliance.

You can safely submit test claims in this environment; it is not linked to ACC production systems but closely mimics the production experience. **e**g use of a digital certificate and receipt of error messages.

When testing, you will need a series of test claim numbers; to obtain these, use the Developer Portal "Contact" and select that option.

### **Production Environment**

Access to production is controlled:

- 1. Once you have successfully completed your testing, expect ACCs representatives, Digital Operations, to put your solution through a series of tests. This is about ensuring the provider experience is as expected and ensuring data quality into ACC systems.
- 2. Once those tests are successfully completed a mutually agreed move to production is negotiated, and then a measured roll-out to your user-base can begin.

### Quirks

The business rules for claims and medical certificates appear different for the following situation, this is intended:

- 1. The claim API accepts employer details (optionally) for a patient who is not in paid employment, for instance a student or volunteer, but doesn't allow the provider to set up work capacity periods for such a patient; whereas
- 2. The medical certificate API doesn't ask about employment so it can be used to issue a medical certificate for the student or volunteer who needs to be accountable to others.

# **Claim – Support messages for the Provider**

Provided in current solutions to assist Providers understand what is expected of them by ACC. All are to be considered "Recommended".

Current Offering Term	API JSON Field Name	Provider Support Message		
Patient Detai	ls			
Ethnicity	Patient/Patient	Ethnicity		
	Details/ethnicit yCode	Select the ethnicity that the patient most identifies with. If the ethnicity is not specified use "Other" and state their preference within "Ethnicity Description".		
Employment	Employment/e	How do you complete this field?		
status	mploymentStat usCode	'Paid Employment in NZ' includes when the patient is:		
		<ul> <li>An employee that pays PAYE</li> <li>An owner or part owner of a limited liability company</li> <li>'Self Employed in NZ' includes when the patient is:</li> </ul>		
		<ul> <li>Self Employed</li> <li>Working as a Sole trader or Partnership</li> <li>These categories do not include when the patient is:</li> </ul>		
		<ul> <li>A volunteer worker (unpaid)</li> <li>An employee of an overseas company (not paying PAYE)</li> <li>Why is this important to ACC?</li> </ul>		
		<ul> <li>ACC is required to maintain and operate separate accounts for Work, Motor Vehicle, Earners, Non-Earners, and Treatment Injury claims.</li> </ul>		
Occupation	Patient/occupa	The current Occupation of the Patient.		
	tionCode	How do you complete this field?		
		• Wherever possible, please be specific. For example, 'Dairy Farmer', rather than 'Farmer'.		

		Why is it important to ACC?			
		<ul> <li>The patient's rehabilitation assistance may depend on their work tasks.</li> <li>It helps ACC assign the claim to the correct industry category for workplace accidents. This ensures accurate levy calculations.</li> </ul>			
Usual work	Employment/w	Usual work type			
type	orkTypeCode	How physical is the patient's job?			
		Why is this important to ACC?			
		The patient's rehabilitation assistance may depend on the nature of their work tasks.			
Accident De	tails				
Accident	(Heading)	ACCIDENT DETAILS			
Details		The following are usually accepted as accidents:			
		<ul> <li>A force or resistance external to the body (such as something striking the body or the body falling onto something)</li> <li>Forceful movements of the body to avoid impact (such as ducking or twisting)</li> <li>Environment factors (such as sudden exposure to gas or toxin)</li> <li>The following are not usually accepted as accidents:</li> </ul>			
		<ul> <li>Force is only from within the body (such as a sneeze causing a rib sprain, or biting the tongue)</li> <li>Non occupational gradual process injuries (such as tendonitis developed playing tennis)</li> <li>No specific event (such as waking up with a sore neck)</li> <li>As the ACC is a "no fault" scheme, injury cover and funding of treatment is not dependent on whether the injury was caused by someone (including the patient themselves).</li> </ul>			
		Why is it important to ACC?			
		ACC must establish that the legislative criteria of an "accident" have been met in order to provide cover.			
		To further understand what constitutes an accident, you refer to the ACC Legislation.			
		Link = http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM100904.html?search=ts_act_accident+compensation esel&p=1developed			

Did the	Injury/workInju	Did the accident occur at work?					
accident occur at work?	ry	How do you complete this field?					
		The accident is a work accident if any of the following could be answered 'Yes'.					
		Was the patient:					
		<ul> <li>Injured while undertaking work tasks?</li> <li>Required to be at this place for work purposes?</li> <li>Injured while travelling to or from work in transport provided by their employer?</li> <li>Injured when working from home?</li> <li>Injured while travelling for their job?</li> <li>Injured while having a rest or a meal break at work?</li> </ul> To further understand what constitutes a work injury, you can refer to the <u>ACC Legislation.</u>					
		Why is this important to ACC?					
		ACC is required to maintain and operate separate accounts for Work, Motor Vehicle, Earners, Non-Earners, and Treatment Injury claims.					
		You can read more here.					
		"ACC Legislation" link = http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM100918.html?search=ts_act_accident+compensation_r esel&p=1					
		"Here" link = http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM101864.html?search=ts_act_accident+compensation_r esel&p=1					
Name of	Employment/E	Name of employer					
employer	mployer/emplo yerName	The person, company or organisation that pays the patients wages or salary.					
		How do you complete this field?					
		This includes "Self" if the patient is self-employed.					
		Why is this important to ACC?					

		<ul> <li>ACC must notify the patient's employer of the accident.</li> <li>Some employers are 'Accredited Employers' who manage (and pay for) their own workplace accident claims in return for a reduced ACC levy. If you are unsure, please contact the Health Provider Helpline on 0800 222 070 or email: providerhelp@acc.co.nz. Please have your provider number ready and the team will be able to search on your behalf.</li> </ul>
Location of	Employment/E	Location of employer
employer	mployer/Addre ss/city	How do you complete this field?
	00, only	Please include any information that will help ACC identify the employer such as:
		<ul> <li>Address, or</li> <li>Phone number, or</li> <li>Email address, or</li> <li>Branch / Franchise location</li> <li>For example if the patient says their employer is McDonalds include the location (Manners Mall, Wellington) in the address field.</li> </ul>
		Why is this important to ACC?
		This information helps ACC to identify the correct employer so that it can notify the patient's employer of the accident.
Did the	Injury/involves	Did the accident involve a moving motor vehicle on a public road?
accident involve a	Vehicle	How do you complete this field?
moving		A motor vehicle accident includes situations where the accident involved a moving motor vehicle and the patient was:
motor vehicle on a public road?		<ul> <li>A driver or passenger</li> <li>In a stationary vehicle</li> <li>Struck by a moving vehicle</li> <li>Travelling for work purposes</li> <li>A motor vehicle accident does not include:</li> <li>Off-road use of vehicles. E.g. Falling off a dirt bike on private farm land</li> <li>Loading/unloading or repairing a stationary vehicle. E.g. A mechanic's foot is crushed when a car jack fails</li> <li>Non motorised vehicle only accidents. E.g. Falling off a bicycle riding down the road</li> <li>To further understand what constitutes a motor vehicle injury, you can refer to the ACC Legislation.</li> </ul>

	Why is this important to ACC?
	ACC is required to maintain and operate separate accounts for Work, Motor Vehicle, Earners, Non-Earners, and Treatment Injury claims.
	You can read more <u>here.</u>
	"ACC Legislation" link =
	http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM100947.html?search=ts_act_accident+compensation_ esel&p=1
	"Here" link = http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM101864.html?search=ts_act_accident+compensation_ esel&p=1
Injury/causeOf	Provide details
Accident	Provide details of how the accident happened.
	How do you complete this section?
	This free text field is to assist ACC to understand the:
	<ul> <li>Actual mechanism of the accident</li> <li>Any external agents involved such as gas, smoke or environment.</li> <li>For example:</li> </ul>
	<ul> <li>"Fell off a ladder" is sufficient, but not "Doing DIY".</li> <li>"Inhaled smoke in a house fire" is sufficient, but not "Difficulty breathing".</li> <li>Why is this important to ACC?</li> </ul>
	ACC must determine whether the legislative criteria of an accident have been met. To further understand what constitutes an accident, you can refer to the <u>ACC Legislation.</u>
	http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM100904.html?search=ts_act_accident+compensation_ esel&p=1developed
Injury/accident	Accident Location
LocationCode	How do you complete this section?
	Please select the city or district in which the accident occurred.
	Accident Injury/accident

Why is this important to ACC?

This is collected for statistical purposes.

### Injury Diagnosis

This is a	Injury/gradualP	Is this a work related gradual process, disease, or infection claim?
work related gradual process, disease, or infection	rocessInjury	How do you complete this field?
		Work related gradual process, disease, or infection includes injuries sustained over time as a result of a work task of exposure in the work environment. This can include asbestosis, noise induced hearing loss, or musculoskeletal injuries.
claim		ACC will assess the factors in the workplace that may have contributed to the injury. In some instances input will be sought from Occupational Medicine specialists.
This is a	Injury/medical	Was the injury caused as a result of medical treatment?
claim for treatment injury	TreatmentInjur y	Did the injury occur in the context of the patient receiving treatment from a registered health professional?
		How do you complete this field?
		This can include injury sustained:
		<ul> <li>While receiving treatment</li> <li>Because of a failure to treat in a timely manner</li> <li>That is not an ordinary consequence of the treatment, taking into account the patient's circumstances.</li> <li>'Medical misadventure' does not need to be demonstrated for ACC to consider a claim a treatment injury claim.</li> </ul>
		Treatment injury claims will normally require specialist clinical input to determine cover.
		To further understand what constitutes a treatment injury, you can refer to the ACC Legislation.
		Why is this important to ACC?
		ACC is required to maintain and operate separate accounts for Work, Motor Vehicle, Earners, Non-Earners, and Treatment Injury claims.

		You can read more here.
		http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM100934.html?search=ts_act_accident+compensation esel&p=1
		"Here" Link = http://www.legislation.govt.nz/act/public/2001/0049/latest/DLM101864.html?search=ts_act_accident+compensation esel&p=1
Has the patient been	Injury/admitted ToHospital	Has the patient been admitted to hospital? Indicates to ACC that the patient has been admitted to Hospital as a result of their injury.
admitted to hospital?		Why is this important to ACC? Patients who have been admitted to Hospital will be contacted by ACC to determine if further rehabilitation assistance is required.
Fitness for w	ork	
Fitness for	(Heading)	FITNESS FOR WORK
work		Identifies that the patient is unable to continue their normal duties at work.
		This section should only be completed by General Practitioners or Nurse Practitioners; other Providers nee to use a referral if they think the patient requires time off work.
		This section is only applicable to patients where the Employment Status is "Paid employment in NZ (includes self- employed)".
		Note: One period of 'Fit for some work' capacity and one period of 'Fully unfit for work' (incapacity) may be certified on an ACC45 for a maximum combined period of 14 days.
		If further restriction is required after this period, an ACC18 must be completed when the injury is reviewed.
		If you wish to certify any period of incapacity prior to the date of this consultation, please submit an ACC18 including your clinical reasoning for this.
		How do you complete this field?
		<ol> <li>Drag across the calendar to select a date range</li> <li>Select 'Fit for some work' or 'Fully unfit for work'</li> <li>For 'Fit for some work' capacity specify the restrictions that apply, either the hours worked or duties that should not be performed.</li> </ol>

Why is this important to ACC?

		ACC will work with the patient and their employer to determine if there is work available which is able to be performed within the restrictions you have advised.
		In cases where there is incapacity or restricted capacity for more than 7 days, ACC may provide earnings related weekly compensation.
Referral		
Referral	(heading)	A maximum of five consultations can be submitted.
Declaration		
Health	Provider/Provi	Health practitioner index
practitioner index	derDetails/prov iderID	These fields are optional and may pre-populate from your patient management system.
		What is the Health Practitioner Index?
		The HPI is a national database holding information to identify health practitioners. The HPI comprises three separate indexes for:
		<ul> <li>Practitioner - HPI-CPN (Common Person Number, e.g. 12ABCD)</li> <li>Organisation - HPI-ORG (e.g. GA1234)</li> <li>Facility - HPI-FAC (e.g. FB1032)</li> </ul>
		For further information you may look at the <u>NZ Health Information Service</u> website.
		http://www.health.govt.nz/our-work/health-identity/health-provider-index
ACC to	Injury/accCont actProvider	Do you want ACC to call you?
contact me?		How do you complete this field?
		Please indicate if you would like to discuss any aspect of this claim with ACC. These discussions might include aspects of:
		<ul><li>Claim management</li><li>Patient Contact</li></ul>

### **Claim - Additional Services / Functions / Steps For the Provider**

These are experiences that a Provider already has an expectation of as a result of using current ACC online offerings. This learning is offered for your consideration re including in the user experience you provide.

Service / Function / Step in process	API JSON Field Name	Required / Recommended / Optional	Description
Services			
Batching of claims <b>to ACC is</b> <b>not to occur</b>		Required	Send claims to ACC one at a time. Reasoning: This API is the base for ACC eventually providing an automated cover decision mechanism.
Highlights of mandated fields		Recommended	The swagger code identifies "mandated" fields. Consider assisting the Provider to know what they must do to minimise errors when sending by providing a form of highlight to those fields.
Provider Support Material		Recommended	The vendor to incorporate this into its standard user support offering.
Code sets		Required	Obtain all code sets from that API except SNOMED codes.
SNOMED Codes		Required	Obtain and present all SNOMED codes accepted by ACC from the SNOMED API.
Free form fields		Recommended	Consider advising Provider of available freeform field capacity. Providers can copy and paste content from other documents so natural field limits

			can be breached causing an error at submission.
Minimise the number of clicks		Optional	e.g. Ensure cursor automatically moves to next field after Y/N buttons are selected
Error messages (1)		Recommended	The error messages we supply (see the Specification) go to you, the software vendor; we recommend that you pass these onto the Provider.
Error messages (2)		Recommended	As your Providers first point of contact re an error we recommend that there is generic error instruction provided along the lines of, 'If the API returns an error, please check this with your software vendor.'
Functions			
Unique claim identifier (in Production)		Required	Obtain a set of unique ACC claim numbers from ACC, 0800 222 070. Set up a mechanism within your system to ensure that each number is uniquely used.
		Recommended	A claim number is rejected by ACC if it has already been used (usually a Provider typo); consider a mechanism for your Provider to easily gain access to the next number in the sequence allocated to you by ACC.
Ensure content can be stored before being sent & / or mechanism to remind Provider to submit claim		Recommended	Providers get situations where they start a claim but can't complete it immediately. Examples: emergency in waiting room or need to do research first.
<delete> or <cancel></cancel></delete>		Recommended	Ability for Provider to remove content loaded for ACC but not submitted. Reason = they realise that the event isn't one that is ACC supported.
Patient Details			
NHI Number	Patient/PatientDetails/nhi	Recommended	Both supplied to ACC & displayed for the Provider
Patient Cellphone Number	Patient/Contact/mobilePhone	Required	ACC systems currently only accept two phone numbers. Please ensure that patient cellphone number (if they have one) is submitted to ACC.

	Patient/Contact/workPhone		Second highest priority is a work phone number
	Patient/Contact/homePhone		
Employed / Unemployed	Employment/inPaidEmployment	Recommended	Reinforce use of Occupations. Note Unemployed has its own set of occupations and Overseas visitor does not require an occupation.
Injury Details			
Has the patient been admitted to hospital?	Injury/admittedToHospital	Required	Only to be made available to DHB
Is 'Home Help' or other assistance required by the patient?	Injury/assistanceRequired	Required	Only to made available to DHB
Fitness for Work			
Work capacity		Optional	An important point for your information. The following is part of the Support Message mentioned in the previous table. "This section should only be completed by General Practitioners or Nurse Practitioners; othe Providers need to use a referral if they think the patient requires time of work."
		Recommended	Use a calendar to portray incapacity options.
		Recommended	Display a few days before consultation as well as todays date and the following two weeks.
		Required	ACC policy = claim to be used solely for the first two weeks of any incapacity. Use a message such as "You can select at most 14 days in total."
		Required	Ability for Provider to have a combination of "Fully Unfit" & "Fit for Some Work" through the two weeks from accident date. Only one period of each is to be possible.

<clear></clear>		Recommended	Ability for Provider to clear what put in calendar so it can be redone.
Declaration			
Declaration		Required	Provider declaration wording to be presented to Provider prior to submission.
			Treatment provider declaration
			I certify that, on the date shown, I have personally examined the patient and that in my opinion the condition is the result of an accident. I also certify that the patient (or their representative) has signed the Patient Declaration and Consent and has authorised me to lodge the claim on their behalf
			(*)
ACC to contact me?	Injury/accContactProvider	Required	<ol> <li>Have this as an option for the Provider.</li> <li>Do not print this on any printouts.</li> </ol>
Send a claim			
<submit> or <send></send></submit>		Required	Claim content sent to ACC.
Acknowledgment to Provider		Required	Minimum message to Provider is to be "ACC advise that your submission has been received, thank you."
Print outs for patients			
Printout options	-	Required	1. Printouts are required.
<ul> <li>Patient declarations</li> <li>Patient copy of claim</li> </ul>			<ol> <li>Content within print outs is required.</li> <li>Format is over to the vendor.</li> <li>Examples are provided below. (*1)</li> </ol>
<ul> <li>Employer copy of claim</li> <li>Referral(s)</li> </ul>			

	Required	Allow the Provider to print any combination of documents as they see fit
	Required	The "ACC to contact" tick-box is submitted to ACC and deliberately not printed.
	Required	Ability to print again the same content at another time. E.g. Patient returns having lost the employer copy.

#### (\*) PATIENT AUTHORISATION AND DECLARATION

#### **Collecting Your Medical And Other Records**

Why we ask for your authority to collect your medical and other records

To establish cover and/or assess your entitlement to compensation, rehabilitation and treatment, we may need to collect medical and other records about you from a third party, such as your General Practitioner (GP), other medical professional, employer, or other government agencies. We need your authority to collect them.

These records could include:

- medical reports
- details of your accident
- medical history relevant to your claim
- specialist reports and assessments
- your employment details and history
- income and tax records.

In each case, we'd only seek records that are or may be relevant to your claim during the life of your claim.

We'll comply with the Privacy Act 1993, the Health Information Privacy Code 1994 and the Accident Compensation Act 2001 when collecting, using and managing personal information. You have the right to access any information we hold about you. You can also ask us to correct the information we hold about you.

For more details see ACC's privacy notice at <u>www.acc.co.nz/privacy.</u>

#### Patient Authorisation And Declaration

I authorise:

- ACC to collect medical and other records which are or may be relevant to my claim
- the treatment provider to lodge this claim for me.

#### I declare:

• that the information I have given in this form is true and correct.

Patient to sign here or legal guardian or representative	
Date	
Authorised representatives name	
Authorised representatives relationship to patient	

(\*1) Format is over to the vendor; the following is an example of what ACC seeks.

#### **Patient Consent (Declaration)**

See above.

#### Patient / ACC Copy

Patient Details			Referral(s)		
Name Date of twitts Gender 1940 No.	Jana Test 11-JA-1872 Remote ABC1235		Baferral for Physiotemapy Radology - Juny	Beggenited treatment massage easy at the neck way the neck	
Ethnicity Home phone	NJ European / Paketie 6445759637	Fitnesis for Work			
Home address Postal address Employment status Occupation Desail work type	P Taskata Street, Unit A, Pannet, Auckland 7 Taskati Street, Unit A, Pannet, Auckland, New Zaaland Pad employment in here Zealand Advertising Manager Ught (Regent standing and waiking reguinet)		Fully units for work Fit for some work	Prom 1980/2017 und 2380/2017 (4 days) Prom 1980/2017 und 1780/2017 (4 days) PE (5 und 4 hours per day of 5 debrainsy units Physical Restrictions L/Brig / functive moments Other antisist ~ 153g	
Acodent Details					
Accident at work?	Yes		PATIENT AUTHORISATION AND DECLARATION		
Employer address	Septoyer XXX Deptoyer address YYYY		COLLECTING YOUR MEDICAL AND OTHER RECORDS		
Wotor vehicle accident? Accident date	Yes 10/57/0017		Why we ask for your authority to collect your medical and other records		
Location Scene Sport Activity Accident description	Lower Hull City Road or intend Noh Driving or twentling in a motor vehicle Moving motor vehicle and XXXXXX		To establish cover and/or assess your estitement to comparisation, installation and treatment, e- may need to collect endode and often monde allocit you from a third party, such as your General Plautitions (P), other medical professional, employer, or other goomment agencies. The need y authority to collect the coll include:		
Indexes Processing			<ul> <li>medical report</li> </ul>	18	
Injury Diagnosts to Despects code deception Scran of nedar collecting ligenest of lever (3541, ) Wrightern rays, (5574) Diagnosis comments VYPY		Side Left Size	entation of your account modular balany relevant to your class expendiate imports and assessments your entropment elastical and followy encount and to account and the provided of the set of your class during the life of your classessment and the second that are or may be relevant to your class during the life of your classes.		
Employment rotated grade	and process? No.		10.20 million 10		
Treatment injury? Consultation with Consultation data	No Marsus Welly, 20008 8209/2017		Compensation Act 2001	vacy Act 1983, the Health Information Privacy Code 1994 and the Accident when collecting, using and managing personal information. You have the nation we hold about you. You can also all us to correct the information we	
			For more details see AD	C's privacy notice at even acc as nitprivacy.	
			PATIENT AUTHORISA	TON AND DECLARATION	
			Lasthorizer		
			<ul> <li>ACC to collect</li> </ul>	t inedical and other records which are or may be relevant to my class provider to lodge this claim for me.	
				nation 1 have given in this form is true and correct.	

#### Copy for the Employer

	Claim Reference: LU0633 (Patient copy to present to Emp	0	ALL		
Patient Details					
Name Date of birth Gender NHI number	Jane Test birth 11-Jul-1972 Female				
Ethnicity					
Home phone Home address	uckland				
Postal address					
Fitness for Work	Zealand				
Fully unfit for work	From 18/07/2017 until 23/07/2017	6 days)			
Fit for some work	From 1007/2017 until 17/07/2017 (8 days) From 1007/2017 until 17/07/2017 (8 days) Fit to work 4 hours per day of Sedentary work Physical Restrictions: Lifting / forceful movements Other details: <15kg				
Injury Diagnosis					
Date of accident	10/07/2017				
Diagnosis code description Sprain of medial collateral ligament of knee (S541.) Whiplash injury (SS704)		Side Left N/a			
Diagnosis comment					
Treatment Provider	Details				
Marcus Welby					
My Doctor Ltd 52 Gladstone Road					
Pamell Central Auckland					

#### Referrals

- 1. Format can be that of system vendor.
- 2. Vendors have used the provided Patient / ACC copy of the claim for referrals because it also provides the specific message(s) to other Providers in the top right corner.