PREVENTION. CARE. RECOVERY.

Te Kaporeihana Āwhina Hunga Whara

Claim API Specification

Software Specification

Version 40, September 2023

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VERSION HISTORY

Version	Date	Where	Change
37	June 2019		
38	February 2022		Make claimNumber optional; make referralReason optional; add GET /claimNumber specification.

39	June 2023	section 2.1.2
		
		section 5.1
			Renamed the pattern LLNNNNN to AA99999 for consistency across all documentation.
			Added the two additional Claim Number patterns of '99999AA' and '9999AAA'.
			
			Added two additional Claim Number formats of:
			`[0-9]{5}[A-Z]{2}`
			`[0-9]{4}[A-Z]{3}`

40	September 2023		Rectifying some specification issues identified internally.

RELEASE NOTES

Release notes can be found on the developer portal https://developer.acc.co.nz/release-notes

1 CLAIM API: OVERVIEW

This document specifies the API for submitting a claim request which then passes on to the ACC Eos system. The endpoints are:

- POST /claims
- GET /claims/claimNumber

(insert '**`/https://<environment>/<version>`**', as required, between 'POST' or 'GET' and the rest of the URI).

The Query claims specification describes how vendors can find information about submitted claims.

This document specifies:

- fields used only in this API
- variations and extensions to the core specifications, overriding the common validations
- how the JSON input is transformed into an ACC45 XML object in the required schema.

For all other details, please refer to the Core specification.

This document refers to the following source.

The API specifies the following dates, with the following limits.

Earlier limit	Date of	Later limit	Section
1900-01-01	declaration	current date	7.4
1900-01-01	patient's birth	accident	8.1.5
patient's birth	accident	declaration	10.1.1
accident	diagnosis	declaration	8.1.10

Table 1: Sequence of dates

2 GET AVAILABLE CLAIM NUMBER

2.1 GET CLAIM NUMBER OPERATION ACCEPTS TWO MANDATORY PARAMETERS

1. vendorId
2. providerId

2.1.1 GET CLAIM NUMBER BUSINESS VALIDATION

2.1.1.1 vendorId

API Query Params	`vendorId`
Required?	Yes
Data type	string
Note	GET Operation does not apply validation on Valid and Active value of `vendorId` `vendorId` would be validated during POST Submission operation

Error Condition	Code	Message
`vendorId not supplied as Query params`	400	Required String parameter 'vendorId' is not present
`vendorId value is empty`	400	`getRealTimeClaimNumber.vendorId: must not be blank`

2.1.1.2 providerId

API Query Params	`providerId`
Required?	Yes
Data type	string
Note	GET Operation does not apply validation on Valid and Active value of `providerId`. `providerId` would be validated during POST Submission operation

Error Condition	Code	Message
`providerId` not supplied as Query params	400	Required String parameter `providerId` is not present
`providerId` value is empty	400	`getRealTimeClaimNumber.providerId:` must not be blank

2.1.2 GET CLAIM NUMBER RESPONSE PAYLOAD STRUCTURE

Field	Values
`claimNumber`	Claim number to use for submission: 'AA99999' '99999AA' or '9999AAA'
`formType`	ACC45
`status`	Available
`allocatedVendorId`	Null (might be useful in future release)
`allocatedProviderId`	Null (might be useful in future release)
`allocatedDateTime`	Null (might be useful in future release)
`lastUpdatedDateTime`	Null (might be useful in future release)
`usedVendorId`	Null (might be useful in future release)
`usedProviderId`	Null (might be useful in future release)
`formSubmissionId`	Null (might be useful in future release)
`oldStatus`	Null (might be useful in future release)

3 POST PAYLOAD STRUCTURE

The API payload comprises the following structures:

Structure	includes	Instances allowed	See section
Message		one	4
Claim		one	5
Vendor		one	6
Provider		one	7
	provider's address	one	7.2
Patient		one	8
	patient's address	one	8.3
Employment	patient's employment details	One	9.1
	employer's name and address	0 or 1	9.2
Injury	injury time, place, cause, ACC help	one	10.1- 10.3
	injury diagnosis info	1-10	10.4
Work capacity	fitness for work conditions	one	11
	time off work or on selected work (incapacity periods)	0-1 of each	11.2
Referral		0-5	12

Table 2: Claim request overview

3.1 VALIDATE AND MAP THE REQUEST

The rest of this document describes the validation rules and user-interface suggestions specific to this API.

See the Core specification section 3, Standard behaviour, section 4, Common input for submissions, and section 5 Translate read or SNOMED codes, for all details not specified here.

4 MESSAGE SOURCE AND INFORMATION

4.1 PMS SOFTWARE NAME

API JSON	`pmsSoftwareName`
Required?	Yes
Note	Core

4.2 PMS SOFTWARE VERSION

API JSON	`pmsSoftwareVersion`
Required?	Yes
Note	Core

5 CLAIM

5.1 CLAIM FORM NUMBER

API JSON	`claim/claimNumber`
Required?	No
Data type	string
Limit	7 characters

Format	[A-Z]{2}[0-9]{5}
	`[0-9]{5}[A-Z]{2}`
	`[0-9]{4}[A-Z]{3}`

Note	The ACC45 claim number, if included, must be unique. Examples: AB12345, 12345AB or 1234AAA Core.

6 VENDOR

6.1 PRACTICE (FACILITY) NAME

API JSON	`claim/vendor/practiceName`
Required?	Yes
Note	Core

6.2 VENDOR NUMBER

API JSON	`claim/vendor/hpiOrganisationNumber`
Required?	Yes
Note	Core. Since the common query parameter only allows 12 characters, the Claim API sets 12 as the limit, as in the core specifications.

6.3 FACILITY NUMBER

API JSON	`claim/vendor/hpiFacilityNumber`
Required?	Optional
Note	Core

7 TREATMENT PROVIDER

7.1 PROVIDER'S IDENTIFIERS AND NAME

These details refer to the health professional who is providing treatment.

7.1.1 ACC PROVIDER ID

API JSON	`claim/provider/details/providerId`
Required?	Yes
Note	Core

7.1.2 FACILITY

see section 6.1

7.1.3 PROVIDER TYPE CODE

API JSON	`claim/provider/details/providerTypeCode`
Required?	Yes
Note	Core

7.1.4 PROVIDER'S FIRST NAME

API JSON	claim/provider/details/firstName
Required?	Yes
Note	Core

7.1.5 PROVIDER'S MIDDLE NAMES OR INITIALS

API JSON	`claim/provider/details/middleName`
Required?	Optional
Note	Core

7.1.6 PROVIDER'S FAMILY NAME

API JSON	`claim/provider/details/surname`
Required?	Yes
Note	Core

7.2 PROVIDER'S ADDRESS

The provider's address may contain the seven elements Address type through Country.

7.2.1 ADDRESS TYPE

API JSON	`claim/provider/address/type`
Required?	Yes
Note	Core

7.2.2 ADDRESS LINE 1

API JSON	`claim/provider/address/line1`
Required?	Yes
Note	Core

7.2.3 ADDRESS LINE 2

API JSON	`claim/provider/address/line2`
Required?	Optional
Note	Core

7.2.4 SUBURB

API JSON	`claim/provider/address/suburb`
Required?	Optional
Note	Suburb is 'required if it's different from the city or town'—but the API could only test that condition if the suburb is entered. Core

7.2.5 TOWN OR CITY

API JSON	`claim/provider/address/city`
Required?	Yes
Note	Core

7.2.6 POSTCODE

API JSON	`claim/provider/address/postCode`
Required?	Yes
Note	Although New Zealand postcodes are generally 4 digits, overseas postcodes may include alphabetic characters. Core

7.2.7 COUNTRY

API JSON	`claim/provider/address/country`
Required?	Yes
Note	Core

7.3 PROVIDER'S CONTACT DETAILS

The provider's contact details can't be mapped to the legacy schema, and are not required.

7.4 DECLARATION DATE

7.4.1 PROVIDER'S DECLARATION DATE

API JSON	`claim/declaration/providerDeclaration`
Required?	Yes
Note	Core

8 PATIENT

8.1 PATIENT DETAILS

8.1.1 NHI NUMBER

API JSON	`claim/patient/details/nhi`
Required?	Optional
Note	Core

8.1.2 PATIENT'S FIRST NAME

API JSON	`claim/patient/details/firstName`
Required?	Yes
Note	Core

8.1.3 PATIENT'S MIDDLE NAMES OR INITIALS

API JSON	`claim/patient/details/middleName`
Required?	Optional
Note	Core

8.1.4 PATIENT'S FAMILY NAME

API JSON	`claim/patient/details/surname`
Required?	Yes
Note	Core

8.1.5 PATIENT'S DATE OF BIRTH

API JSON	`claim/patient/details/dateOfBirth`
Required?	Yes
Note	Core

8.1.6 PATIENT'S GENDER

API JSON	`claim/patient/details/gender`
Required?	Yes
Data type	string
Format	enum (M, F, O, U)
Note	

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [M, F, O, U].

8.1.7 PATIENT'S ETHNICITY

API JSON	`claim/patient/details/ethnicityCode`
Required?	Yes
Data type	string
Limit	1 or 2 characters
Format	Ethnicity
Note	The Ethnicity code table has 23 values

8.1.8 OTHER ETHNICITY

API JSON	`claim/patient/details/otherEthnicity`
Required?	Required when `ethnicityCode` is 54
Data type	string
Limit	40 characters
Format	Ethnicity—other
Note	The legacy system doesn't allow this field if the ethnicity is 61 'Other ethnicity'

Error Condition	Code	Message
`Ethnicity_Code` is 54, and `Other_Ethnicity` is not present	400	This field is required when the ethnicity code is 'Other'

8.1.9 PATIENT'S OCCUPATION

API JSON	`claim/patient/occupationCode`
Required?	Yes
Data type	string
Limit	1-20 characters
UI suggestion	Occupation
Note	The Occupation code table has 269 values, including 'Unemployed', 'Retired', 'Overseas visitor'. Occupation codes are 4 digits long.

8.1.10 PATIENT'S DECLARATION DATE

Not required. The value in section 7.4 is used here also.

8.2 PATIENT'S CONTACT DETAILS

8.2.1 EMAIL ADDRESS

API JSON	`claim/patient/contact/emailAddress`
Required?	Optional
Note	If the patient has an email address, please enter it. Core

8.2.2 MOBILE PHONE NUMBER

API JSON	`claim/patient/contact/mobilePhone`
Required?	Optional
Note	If the patient has a cell phone number, please enter it. Core

8.2.3 WORK PHONE NUMBER

API JSON	`claim/patient/contact/workPhone`
Required?	Optional
Note	Core

8.2.4 HOME PHONE NUMBER

API JSON	`claim/patient/contact/homePhone`
Required?	Optional
Note	If the patient has no cell phone number, please enter the home phone number. Core

8.3 PATIENT'S ADDRESS

The patient address contains the seven elements Address type through Country.

8.3.1 ADDRESS TYPE

API JSON	`claim/patient/address/type`
Required?	Yes
Note	Core

8.3.2 ADDRESS LINE 1

API JSON	`claim/patient/address/line1`
Required?	Yes
Note	Core

8.3.3 ADDRESS LINE 2

API JSON	`claim/patient/address/line2`
Required?	optional
Note	Core

8.3.4 SUBURB

API JSON	`claim/patient/address/suburb`
Required?	Optional
Note	Core

8.3.5 TOWN OR CITY

API JSON	`claim/patient/address/city`
Required?	Yes
Note	Core

8.3.6 POSTCODE

API JSON	`claim/patient/address/postCode`
Required?	Yes
Note	Core

8.3.7 COUNTRY

API JSON	`claim/patient/address/country`
Required?	Yes
Note	Core

9 EMPLOYMENT

9.1 PATIENT'S EMPLOYMENT STATUS

9.1.1 WHETHER THE PATIENT IS EMPLOYED

API JSON	`claim/employment/inPaidEmployment`
Required?	Yes
Data type	string
Format	enum (False, True)
UI suggestion	In paid employment?
Note	True if the patient is in paid employment

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True].

9.1.2 EMPLOYMENT STATUS

API JSON	`claim/employment/employmentStatusCode`
Required?	Required if `inpaidemployment` is true, otherwise not permitted
Data type	string
Format	1 or 2 characters
UI suggestion	Employment option
Note	The code tables include four values (codes 1, 3, 11, 5) for `EmploymentStatus`: employee, company owner or part owner, self-employed, and other; see also section 9.2. Use `occupationCode`, section 8.1.9, for values such as 'Retired', 'Unemployed'.

Error Condition	Code	Message
`inPaidEmployment` is true, and employment status is not present	400	Employment status is required when the patient is in paid employment.
`inPaidEmployment` is false, and an employment status is supplied	400	This value is only permitted when the patient is in paid employment.

9.1.3 OTHER EMPLOYMENT

API JSON	`claim/employment/otherEmployment`
Required?	Required if `employmentStatusCode` is 5 (Other), otherwise not permitted
Data type	string
Limit	1-50 characters
UI suggestion	Other employment
Note	

Error Condition	Code	Message
`employmentStatusCode` is 5 (other), and `otherEmployment` is not present	400	This field is required when the employment status is 'Other'.
`employmentStatusCode` is not 5, and `otherEmployment` is supplied	400	This value is only permitted when the employment status is 'Other'.

9.1.4 TYPE OF WORK

API JSON	`claim/employment/workTypeCode`
Required?	Required if `inPaidEmployment` is true, otherwise not permitted
Data type	string
Limit	1 character
UI suggestion	Usual work type
Note	The work type code table has five values, such as Light, Heavy.

Error Condition	Code	Message
`inPaidEmployment` is true, and `workTypeCode` is not present	400	This field is required when the patient is in paid employment.
`inPaidEmployment` is false, and `workTypeCode` is supplied	400	This value is only permitted when the patient is in paid employment.

9.2 EMPLOYER'S NAME AND ADDRESS

Work injury (section 10.2.4)	Employment status code (section 9.1.2)	Can resume normal work (section 11.1)	Employer name and address details are both:
True	1	Yes	required
True	1	No	required
False	1	No	required
False	1	Yes	optional
True	3	Yes	optional
True	3	No	optional
False	3	Yes	optional
False	3	No	optional
True or False	5 or 11 or not permitted	(not permitted)	optional

Table 3: When are employer details required?

Both the employer's name and the employer's address are always permitted.

9.3 EMPLOYER'S NAME

API JSON	`claim/employment/employer/employerName`
Required?	Required if `employmentStatusCode` is 1, and either: • this is a work accident (section 10.2.4), or • the claimant cannot continue normal work (section 11.1). Otherwise optional
Data type	string
Limit	1-50 characters
UI suggestion	Employer's name
Note	'Self' is valid.

Error Condition	Code	Message
`employmentStatusCode` is 1; and `workInjury` is true or `canResumeNormalWork` is false; and `employerName` is not supplied	400	When the patient is employed, and this is a work accident or the patient can't continue normal work, then the employer's name and address are required.

9.3.1 EMPLOYER'S ADDRESS

API JSON	`claim/employment/employer/address`
Required?	Required if `employmentStatusCode` is 1, and either: • this is a work accident (section 10.2.4), or • the claimant can not continue normal work (section 11.1). Otherwise optional
Data type	structure
Note	'Self' is valid.

Error Condition	Code	Message
`employmentStatusCode` is 1; and `workInjury` is true or `canResumeNormalWork` is false; and `employerName` is not supplied	400	When the patient is employed, and this is a work accident or the patient can't continue normal work, then the employer's name and address are required.

9.3.1.1 Employer's address type

API JSON	`claim/employment/employer/address/type`
Required?	Required if `employerAddress` is present
Note	Core

9.3.1.2 Address line 1

API JSON	`claim/employment/employer/address/line1`
Required?	Required if `employerAddress` is present
Note	Core

9.3.1.3 Address line 2

API JSON	`claim/employment/employer/address/line2`
Required?	Optional if `employerAddress` is present
Note	Core

9.3.1.4 Suburb

API JSON	`claim/employment/employer/address/suburb`
Required?	Optional if `employerAddress` is present
Note	Core

9.3.1.5 Town or city

API JSON	`claim/employment/employer/address/city`
Required?	Required if `employerAddress` is present
Note	Core

9.3.1.6 Postcode

API JSON	`claim/employment/employer/address/postCode`
Limit	20 charactarers
Note	Core

9.3.1.7 Country

API JSON	`claim/employment/employer/address/country`
Required?	Optional if `employerAddress` is present
Note	Core

10 INJURY

10.1 TIME AND PLACE OF THE ACCIDENT

10.1.1 DATE OF THE ACCIDENT

API JSON	`claim/injury/accidentDate`
Required?	Yes
Note	Core

10.1.2 TIME OF THE ACCIDENT

The API sets this value to midnight.

10.1.3 SCENE OF THE ACCIDENT

API JSON	`claim/injury/accidentSceneCode`
Required?	Yes
Data type	string
Limit	1 or 2 characters
UI suggestion	Accident scene
Note	The scene code table has 10 values, such as Home, Farm, School.

10.1.4 LOCATION OF THE ACCIDENT

API JSON	`claim/injury/accidentLocationCode`
Required?	Yes
Data type	string
Limit	1-3 characters
UI suggestion	Accident location (if outside New Zealand, choose ‘Overseas’)
Note	Intended to record the city or district where the accident occurred. The backend system does not validate this value with the geolocation code.

10.1.5 WHETHER THE ACCIDENT OCCURRED IN NEW ZEALAND

The API sets this according to the value of the accident location code.

10.2 CAUSE AND CONDITIONS OF THE ACCIDENT OR INJURY

10.2.1 CAUSE OF INJURY

API JSON	`claim/injury/causeOfAccident`
Required?	Yes
Data type	string
Limit	1-255 characters
UI suggestion	Provide details
Note	Intended to describe the specific accident event, such as ‘fell off a ladder’, rather than ‘doing DIY’.

10.2.2 WHETHER A VEHICLE WAS INVOLVED

API JSON	`claim/injury/involvesVehicle`
Required?	Yes
Data type	string
Format	enum (False, True)
UI suggestion	Did the accident involve a moving motor vehicle on a public road?
Note	True if the accident involved a moving motor vehicle on a public road, when the patient was: • a driver or passenger • in a stationary vehicle • struck by a moving vehicle • travelling for work purposes. This value doesn’t apply to off-road or non-motorised vehicles, or to a stationary vehicle that’s being repaired

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.2.3 WHETHER THE INJURY WAS FROM MEDICAL TREATMENT

API JSON	`claim/injury/medicalTreatmentInjury`
Required?	Optional
Data type	string
Format	enum (False, True)
UI suggestion	Is this a claim for treatment injury?
Note	True for injuries that occurred while the patient was receiving treatment from a registered health professional.

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.2.4 WHETHER THE ACCIDENT IS RELATED TO WORK

API JSON	`claim/injury/workInjury`
Required?	Yes
Data type	string
Format	enum (False, True)
UI suggestion	Did the accident occur at work?
Note	True for injuries sustained over time, a gradual process, or infection, related to work.

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]
`inPaidEmployment` is false, and `workInjury` is true	400	Work accident may not be true when `inPaidEmployment` is false

10.2.5 WHETHER THE INJURY WAS FROM SPORT

API JSON	`claim/injury/sportingInjury`
Required?	Yes
Data type	string
Format	enum (False, True)
UI suggestion	Sports or exercise?
Note	True for an accident related to playing sport

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.2.6 TYPE OF SPORT

API JSON	`claim/injury/sportNameCode`
Required?	Required if `sportingInjury` is true, otherwise not permitted
Data type	string
Limit	1-3 characters
UI suggestion	Name of the sport
Note	The legacy system validates the code

Error Condition	Code	Message
`sportingInjury` is true and `sportNameCode` is not present	400	For a sporting injury, the name of the sport is required.
`sportingInjury` is false but `sportNameCode` is provided	400	If the injury is not from sport, the name of a sport is not permitted.

10.2.7 WHETHER THE INJURY OCCURRED GRADUALLY

API JSON	`claim/injury/gradualProcessInjury`
Required?	Optional
Data type	string
Format	enum (False, True)
Note	Please be advised that this value is no longer used in claim processing.

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.2.8 WHETHER THE PATIENT WAS ADMITTED TO HOSPITAL

API JSON	`claim/injury/admittedToHospital`
Required?	Optional
Data type	string
Format	enum (False, True)
UI suggestion	Was the patient admitted to hospital?
Note	

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.3 ACC HELP AND CONTACT

10.3.1 WHETHER ASSISTANCE IS REQUIRED

API JSON	`claim/injury/assistanceRequired`
Required?	Optional
Data type	string
Format	enum (False, True)
UI suggestion	Is further assistance required?
Note	

Error Condition	Code	Message
Value not in the enum list	400	This value must be one of [False, True]

10.3.2 INJURY COMMENTS

API JSON	`claim/injury/injuryComments`
Required?	Optional
Data type	string
Limit	1-255 characters, total
UI suggestion	Diagnosis comments
Note	The API maps the patient's email address (from section 8.2.1) and the injury comments to this field as key-value pairs, in the form 'email='<emailAddress>', comment='<injuryComments>

Error Condition	Code	Message
Concatenated string is too long	400	This field cannot be more than 255 characters. The patient's email address is required in full; shorten the injury comment.

10.3.3 WHETHER ACC SHOULD CONTACT THE PROVIDER

API JSON	`claim/injury/accContactProvider`
Required?	Optional
Data type	string
Limit	1 character
UI suggestion	Should ACC contact me?
Note	Value '4' if ACC should contact the health provider. This field is sent to ACC but doesn't appear in the printout. Value '1' by default.

10.4 INJURY DIAGNOSES

API JSON	`claim/diagnosis`
Required?	Yes
Limit	1-10 diagnoses in a single claim
Note	Core

Error Condition	Code	Message
Ten diagnoses already present	400	A claim request cannot include more than 10 diagnoses.

10.4.1 DIAGNOSIS CODING SYSTEM

API JSON	`claim/diagnosis/diagnosisCodeType`
Required?	Yes
Note	Core

10.4.2 DIAGNOSIS CODE

API JSON	`claim/diagnosis/diagnosisCode`
Required?	Yes
Note	Core

10.4.3 DIAGNOSIS DESCRIPTION

API JSON	`claim/diagnosis/diagnosisDescription`
Required?	Yes
Note	Core. For a valid SNOMED code, any description entered in the claim request is replaced with a string showing the translated description and the original SNOMED description, possibly truncated, in this format: Closed fracture of scapula $= 29749002 – Closed fracture of scapula (disorder)

10.4.4 LATERALITY CODE

API JSON	`claim/diagnosis/diagnosisSide`
Required?	Yes
Note	Core

11 FITNESS FOR WORK

This comprises 11 elements, 11.1 through 11.2.10. It applies to patients who have 'Paid employment in New Zealand', that is with employment status 1 employee or 3 self-employed.

Business requirements allow for one or both of the following time periods, in either order, for a total of no more than 14 days (**Error! Reference source not found.**, pages 8-9; section 11.2.4):

- one period when the patient is unfit for any work
- one when the patient is fit for selected work.

This is shown in Figure 1:

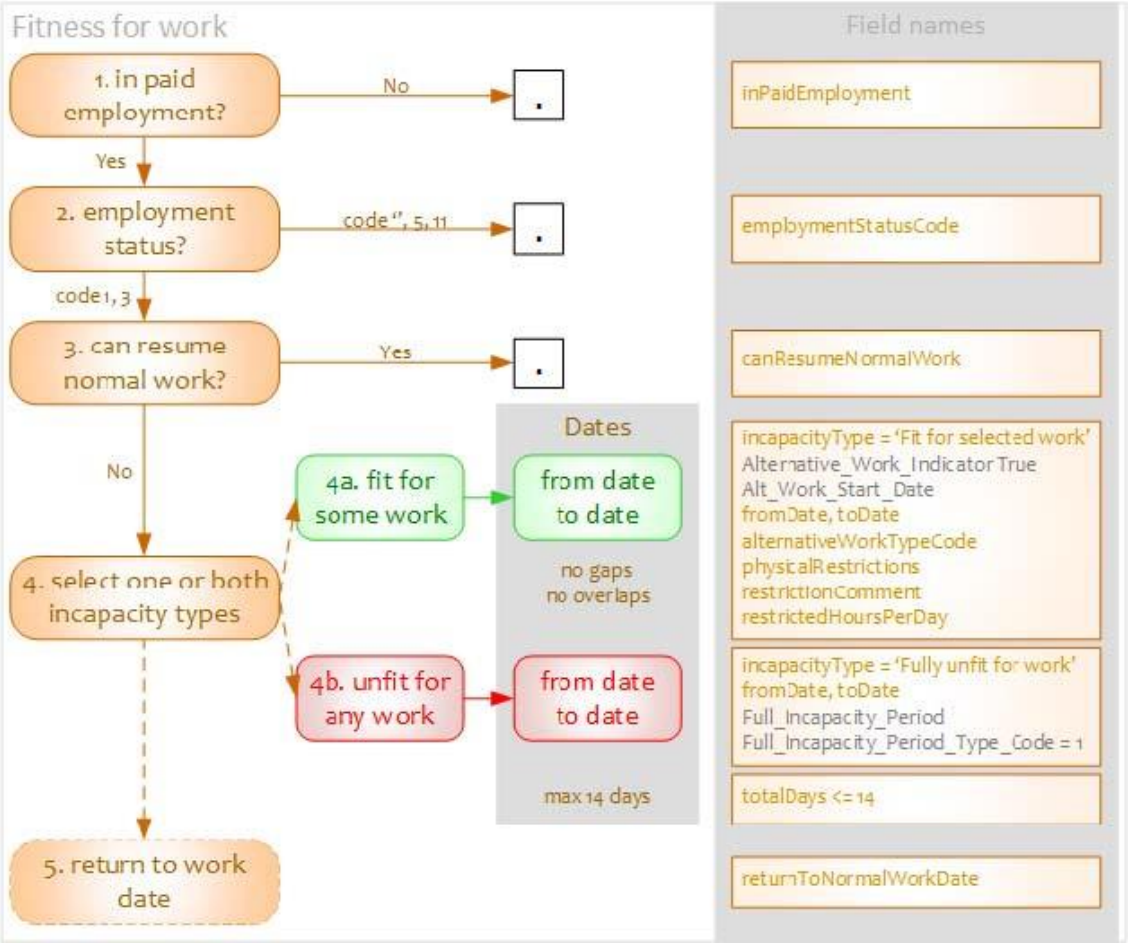

Figure 1: Fitness for work

Rules for the date periods are over the page.

Figure 2 shows the options for one or two time periods:

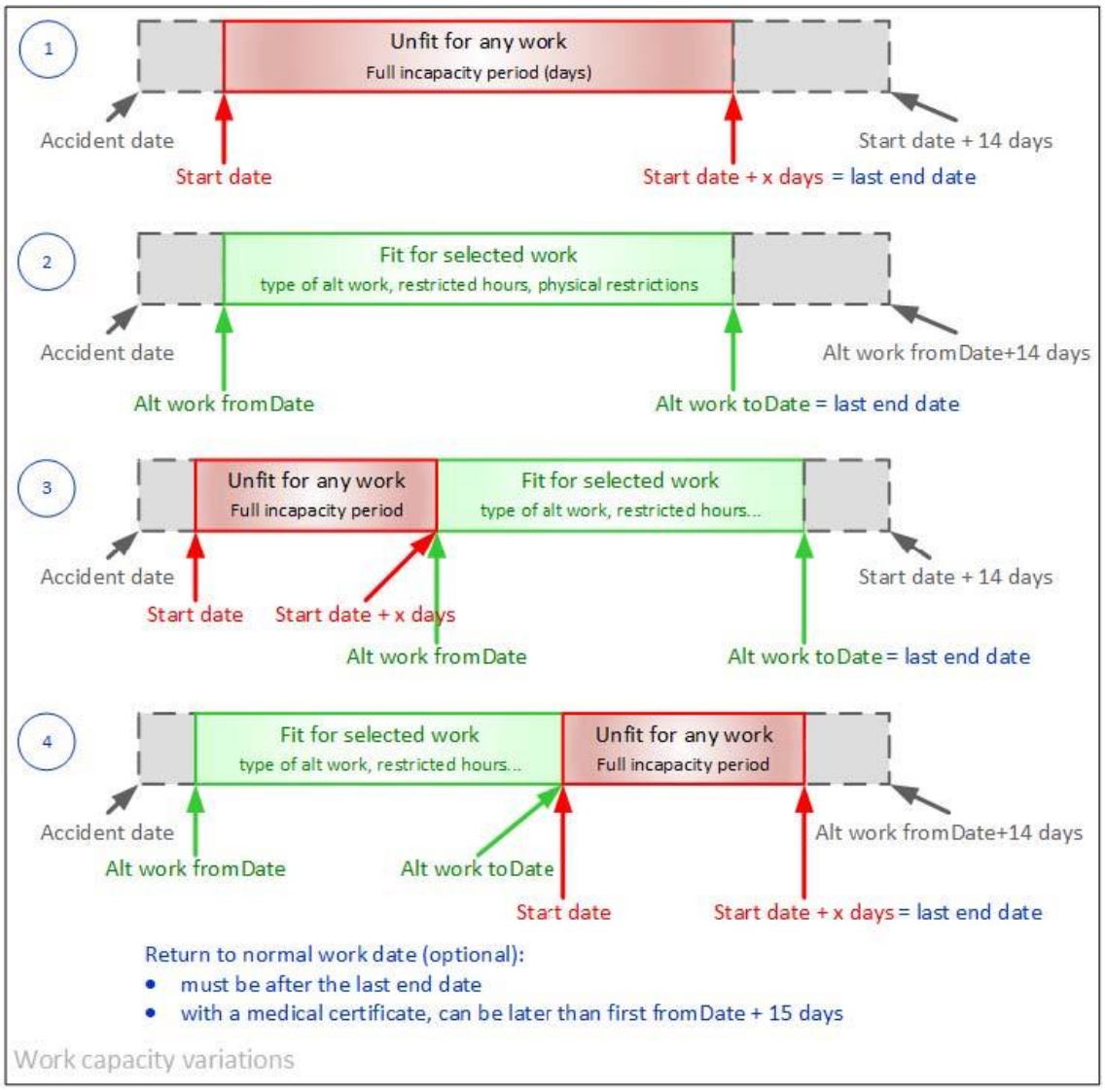

Figure 2: Work capacity with one or two time periods

The following rules apply to the dates for these periods.

Rules		See
1	`fromDate` is not before the date of the accident	9.2.2
2	`toDate` for either period is not earlier than `fromDate` for that period	9.2.3
3	if there are two periods, `fromDate` for the second period must = `toDate` for the first period + 1 day (no gap, no overlap)	9.2.2, 9.2.3
4	`returnToNormalWorkDate` is later than the last or only `toDate`	9.2.10

Table 4: Date rules for the fitness-for-work time periods

11.1 WHETHER THE PATIENT CAN CONTINUE NORMAL WORK

API JSON	`claim/workCapacity/canResumeNormalWork`
Required?	Required if `employmentStatusCode` is 1 or 3, otherwise not permitted
Data type	string
Format	enum (False, True)
UI suggestion	Is the patient fit to continue normal work?
Note	True if the patient can resume normal work

Error Condition	Code	Message
`employmentStatusCode` is 1 or 3, and `canResumeNormalWork` is not present	400	When the patient is employed or self-employed, this field is required.
Value not in the enum list	400	This value must be one of [False, True].
`employmentStatusCode` is not present, or is 5 or 11	400	This field is only allowed when the patient is employed or self-employed.

11.2 INCAPACITY DETAILS

11.2.1 TYPE OF INCAPACITY

API JSON	`claim/workCapacity/incapacity/incapacityType`
Required?	One value must be selected if `canResumeNormalWork` is false. Both types may be selected, but only one of each. Not permitted if `canResumeNormalWork` is true, or is not set.
Data type	string
Format	list: `Fullyunfitforwork`, `Fitforselectedwork`
Note	Core

Error Condition	Code	Message
`canResumeNormalWork` is false, but no `incapacityType` is not selected	400	If the patient cannot continue normal work, at least one of 'Fully unfit for work' or 'Fit for selected for work' must be selected.
`canResumeNormalWork` is true or is not set, but an `incapacityType` is selected	400	This field is only permitted when the patient is employed or self-employed, and cannot continue normal work.

11.2.2 START DATE OF AN INCAPACITY PERIOD

API JSON	`claim/workCapacity/incapacity/incapacityDateRange/fromDate`
Required?	Required for each `incapacityType` selected
Note	Core

Error Condition	Code	Message
Both incapacity types are selected, and the second `fromDate` is not equal to the first `toDate` + 1 day	400	The time periods for time off work and time on light duties must have no gap and no overlap.

11.2.3 END DATE OF AN INCAPACITY PERIOD

API JSON	`claim/workCapacity/incapacity/incapacityDateRange/toDate`
Required?	Required for each `incapacityType` selected
Note	Core

Error Condition	Code	Message
Both incapacity types are selected, and the second `fromDate` is not equal to the first `toDate` + 1 day	400	The time periods for time off work and time on light duties must have no gap and no overlap.

11.2.4 PERIOD OF TIME OFF WORK OR ON SELECTED WORK

API JSON	-
Required?	Calculated by the API, when `canResumeNormalWork` is false.
Data type	integer
Range	1-14
Note	

Error Condition	Code	Message
total time off work > 14	400	A claim request allows no more than 14 days off work or on alternative work. A medical certificate is needed beyond this.

11.2.5 TYPE OF THE TIME-OFF-WORK PERIOD

The API sets this to 1 (day) if `Fullyunfitforwork` is selected; otherwise, it sets the field to empty.

11.2.6 TYPE OF ALTERNATIVE WORK

API JSON	`claim/workCapacity/incapacity/selectedAlternativeWork/alternativeWorkTypeCode`
Required?	Required if `Fitforselectedwork` is selected, otherwise not permitted
Data type	string
Limit	1 character
UI suggestion	The patient is fit for the following type of work:
Note	The work type code table has five values, such as Light, Heavy.

Error Condition	Code	Message
`Fitforselectedwork` is selected, but `alternativeWorkTypeCode` is not supplied	400	The alternative work type code must be selected when the patient is fit for selected work.
Alternative_Work_Ind is false, and `alternativeWorkTypeCode` is supplied	400	This value is only allowed when the patient is fit for selected work.

11.2.7 PHYSICAL RESTRICTION OPTIONS

API JSON	`claim/workCapacity/incapacity/selectedAlternativeWork/physicalRestrictions`
Required?	Optional if `Fitforselectedwork` is selected, otherwise not permitted
Data type	string
Format	List: (Lifting, Posture, Heavy Physical, Repetition, Vibration, Temperature, Driving, Prolonged Sitting, Prolonged Walking, Prolonged Standing, Other)
UI suggestion	Physical restrictions, if relevant
Note	Any of the listed items can be selected once, up to 11 choices. This list is specified in the medical certificate.

Error Condition	Code	Message
`Fitforselectedwork` is not selected, but this field is present	400	This field is only allowed when alternative work is selected.
Value not in the enum list	400	This value must be one of [Other, Prolonged Walking, Vibration, Prolonged Sitting, Driving, Posture, Heavy Physical, Repetition, Temperature, Lifting, Prolonged Standing].

11.2.8 PHYSICAL RESTRICTION COMMENT

API JSON	`claim/workCapacity/incapacity/selectedAlternativeWork/restrictionComment`
Required?	Optional if `Fitforselectedwork` is selected, otherwise not permitted
Data type	string
Limit	1-255 characters
UI suggestion	Comment on any physical restrictions
Note	A single XML field stores the options selected in section 11.2.7, as well as any text in this field 11.2.8, the actual comment. The comment may need to be quite short.

Error Condition	Code	Message
`Fitforselectedwork` is not selected, but this field is present	400	This field is only allowed when alternative work is selected.
This value is longer than 255 characters	400	This field only allows 255 characters in total. Please shorten the comment or select fewer options.

11.2.9 HOURS PER DAY

API JSON	`claim/workCapacity/incapacity/selectedAlternativeWork/restrictedHoursPerDay`
Required?	Required if `Fitforselectedwork` is selected, otherwise not permitted.
Data type	integer
Range	1-24
UI suggestion	The patient is fit to work X hours per day
Note	

Error Condition	Code	Message
`Fullyunfitforwork` is selected and this field is present	400	This field is only allowed when the patient is fit for selected work.
`Fitforselectedwork` is selected and `restrictedHoursPerDay` < 1 or > 24	400	When the patient is fit for selected work, this value must be a whole number from 1 to 24, inclusive.

11.2.10 DATE FOR RETURNING TO NORMAL WORK

API JSON	`claim/workCapacity/returnToNormalWorkDate`
Required?	Optional if `canResumeNormalWork` is false. Not permitted if `canResumeNormalWork` is true or is not set.
Data type	string date-time
Format	YYYY-MM-DD
UI suggestion	Date for returning to normal work
Note	See also `toDate`, in section 11.2.3, and the core specifications. Must be after the last '`toDate`'

Error Condition	Code	Message
`returnToNormalWorkDate` is not later than the last or only `toDate`	400	This date must be later than the end date of the last period.
`canResumeNormalWork` is true or is not set, but `returnToNormalWorkDate` is present	400	This field is only permitted when the patient is employed or self-employed, and cannot continue normal work.

12 REFERRAL

Referrals are optional; you can enter up to 5 referrals, or none, like this.

- If you have no referrals, either leave out the list altogether, or provide an empty list.
- If you enter a referral, you must include the two fields below.

If you enter a referral with empty fields, the API will return an error, because the schema requires the type code and reason for every referral.

12.1 TYPE OF PROVIDER

API JSON	`claim/referrals/providerTypeCode`
Required?	Yes
Data type	string
Limit	1 or 2 characters
UI suggestion	Type of treatment the referral is for
Note	Provider type codes have 1 or 2 digits. Values include Dentist, Optometrists, Practice Nurse.

Error Condition	Code	Message
`Five referrals already present`	400	A claim request cannot include more than five referrals.

12.2 REASON FOR REFERRAL

API JSON	`claim/referrals/referralReason`
Required?	No
Data type	string
Limit	1-255 characters
UI suggestion	Referral notes
Note	

Error Condition	Code	Message
Five referrals already present	400	A claim request cannot include more than five referrals.