



Notifications: types, statuses and definitions¹

Document Purpose

This document provides software developers with guidance on how to consume the **notifications** endpoint, which have been implemented as part of the Integrated Tertiary Systems Platform (ITSP) to support the Transformation of the Collection of Student Information (TCSI) project.

The document includes:

- notification types and statuses
- element definitions for data available in the notifications table

This document is intended to be consumed by suitably skilled ICT practitioners.

Notification Types and Status

Not all values for notification status will be applied for each notification type. Provided below is guidance on the statuses that will be used for each notification type. Please note that this will evolve moving forward as new notification types are added. Each notification also contains metadata values for DateAccessed and DateCreated and ExpiryDate. These are used by the system to ascertain whether a record is CURRENT or NOT (has been). The DateAccessed field is used as a flag to indicate which notifications are read or unread by the provider. This field is set to null when a notification is created or amended by the system and set to a real date when that notification is accessed by the provider.

Notification Category	Notification Status	Explanation
TFN Verification	In Progress	Verification process is underway
	Completed	Verification Process has successfully completed
	In Error	Verification process has not completed successfully – provider actions are required
	Expired	Provider has failed to provide a valid TFN for a student within the required reporting timeframe. Record is not included within the current reporting period.
Schedule Validation Error	Open	Error in a data element has been identified
	Resolved	Error in a data element has been resolved
	Overdue	Provider has not corrected an error in a data element by a due date
	Expired	Provider has failed to resolve an issue within the time frames of the reporting period, notification will expire as provider can no longer update and submit data for this period.
Loan Limit Warning	Read	A loan limit warning message has been read
	Unread	A loan limit warning has not been read
Loan Adjustment	Read	A loan adjustment warning has been read
	Unread	A loan adjustment warning has not been read

¹ Based on ITSP TCSI Notifications API Endpoint Collection Specifications V1.0.13 (Feb 2020)

Notification Category	Notification Status	Explanation
Loan Rejection	Read	A loan rejection notification has been read
	Unread	A loan rejection issued notification has not been read
Departmental Notice	Read	A departmentally issue notification has been read
	Unread	A departmentally issued notification has not been read
Element Verification Error	Open	Error in a data element has been identified on provider submission by asynchronous checks.
	Resolved	Error in a data element has been resolved
	Overdue	Provider has not corrected an error in a data element by a due date
	Expired	Provider has failed to resolve an issue within the time frames of the reporting period, notification will expire as provider can no longer update and submit data for this period.
Other	All options above.	

Element Definitions

Number	Name	Type	Size	Definition																																
E690	E690_NotificationID	GUID		The unique identification key for the notification.																																
E689	E689_DateAdded	DateTime		The date and time the notification was generated and added to the system for the provider.																																
E665	E665_NotificationCategoryCode	String	3	<p>The type of a notification.</p> <p>Enumerated set of acceptable values. Potential to increase over time. Current set of acceptable values.</p> <table border="1"> <thead> <tr> <th>NotificationCategory</th> <th>ShortDescription</th> </tr> </thead> <tbody> <tr> <td>EEV</td> <td>Element Verification Error</td> </tr> <tr> <td>SVE</td> <td>Scheduled Validation Error</td> </tr> <tr> <td>DEP</td> <td>Department Notice</td> </tr> <tr> <td>WRN</td> <td>Warning</td> </tr> <tr> <td>VER</td> <td>Data Verification</td> </tr> <tr> <td>TFN</td> <td>TFN Verification Error</td> </tr> <tr> <td>COM</td> <td>Loan Accepted by ATO</td> </tr> <tr> <td>INV</td> <td>Loan Invalidation</td> </tr> <tr> <td>LAJ</td> <td>Loan Adjustment</td> </tr> <tr> <td>LER</td> <td>Loan Error</td> </tr> <tr> <td>LLW</td> <td>Loan Limit Warning</td> </tr> <tr> <td>LRV</td> <td>Loan Rejection</td> </tr> <tr> <td>VRJ</td> <td>Loan Rejected by VSL</td> </tr> <tr> <td>CHE</td> <td>CHESSN Error</td> </tr> <tr> <td>CHA</td> <td>CHESSN Allocated</td> </tr> </tbody> </table> <p>For current list of acceptable values, the references API should be called with the extension /notification-categories</p>	NotificationCategory	ShortDescription	EEV	Element Verification Error	SVE	Scheduled Validation Error	DEP	Department Notice	WRN	Warning	VER	Data Verification	TFN	TFN Verification Error	COM	Loan Accepted by ATO	INV	Loan Invalidation	LAJ	Loan Adjustment	LER	Loan Error	LLW	Loan Limit Warning	LRV	Loan Rejection	VRJ	Loan Rejected by VSL	CHE	CHESSN Error	CHA	CHESSN Allocated
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E691	E691_NotificationText	String	max	The detailed message for the notification, including where relevant an explanation as to why the notification has been generated, any required actions to be taken by the provider, and the dates by when the action needs to be taken.																																

Number	Name	Type	Size	Definition																																														
E782	E782_NotificationStatus	String	20	<p>The status of a notification within the system, contingent upon actions taken by the provider.</p> <p>Enumerated set of acceptable values. Potential to expand over time. Current acceptable values:</p> <table border="1"> <thead> <tr> <th>NotificationStatus</th> <th>ShortDescription</th> </tr> </thead> <tbody> <tr> <td>CLOSED</td> <td>CLOSED</td> </tr> <tr> <td>OPEN</td> <td>OPEN</td> </tr> <tr> <td>OUTSTANDING</td> <td>OUTSTANDING</td> </tr> <tr> <td>OVERDUE</td> <td>OVERDUE</td> </tr> <tr> <td>PENDING</td> <td>PENDING</td> </tr> <tr> <td>RESOLVED</td> <td>RESOLVED</td> </tr> </tbody> </table> <p>For current list of acceptable values, the references API should be called with the extension /notification-statuses</p> <p>The status of a notification is managed by the system.</p>	NotificationStatus	ShortDescription	CLOSED	CLOSED	OPEN	OPEN	OUTSTANDING	OUTSTANDING	OVERDUE	OVERDUE	PENDING	PENDING	RESOLVED	RESOLVED																																
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E693	E693_Origin	String	255	<p>Where the notification was generated from. This will identify which API (is any) was originally called that lead to the notification being generated.</p>																																														
E778	E778_RelatedEntity	String	6	<p>The primary data entity type that a notification relates to.</p> <p>Enumerated list of accepted entities. Potential to expand over time. Current acceptable values:</p> <table border="1"> <thead> <tr> <th>DataEntityCode</th> <th>ShortDescription</th> </tr> </thead> <tbody> <tr> <td>UID1</td> <td>Providers</td> </tr> <tr> <td>UID12</td> <td>StudentCommonwealthScholarships</td> </tr> <tr> <td>UID15</td> <td>CourseAdmissions</td> </tr> <tr> <td>UID16</td> <td>UnitEnrolments</td> </tr> <tr> <td>UID2</td> <td>Campuses</td> </tr> <tr> <td>UID21</td> <td>StudentLoans</td> </tr> <tr> <td>UID22</td> <td>StudentHELPBalance</td> </tr> <tr> <td>UID23</td> <td>CourseApplicants</td> </tr> <tr> <td>UID24</td> <td>CourseOffers</td> </tr> <tr> <td>UID26</td> <td>FullTimeStaff</td> </tr> <tr> <td>UID28</td> <td>CasualStaffActuals</td> </tr> <tr> <td>UID29</td> <td>CasualStaffEstimates</td> </tr> <tr> <td>UID3</td> <td>CoursesOfStudy</td> </tr> <tr> <td>UID35</td> <td>RTPScholarships</td> </tr> <tr> <td>UID38</td> <td>PaymentsHistory</td> </tr> <tr> <td>UID45</td> <td>ProviderNotifications</td> </tr> <tr> <td>UID5</td> <td>Courses</td> </tr> <tr> <td>UID7</td> <td>UnitsOfStudy</td> </tr> <tr> <td>UID8</td> <td>StudentsNumbers</td> </tr> <tr> <td>UID100</td> <td>Students</td> </tr> <tr> <td>UID47</td> <td>AggregateAwards</td> </tr> <tr> <td>UID46</td> <td>EarlyExitAwards</td> </tr> </tbody> </table> <p>For current list of acceptable values, the references API should be called with the extension /notification-entities</p> <p>Will not always be applicable or provided (e.g. a Departmental notice may not relate to any data element specifically).</p>	DataEntityCode	ShortDescription	UID1	Providers	UID12	StudentCommonwealthScholarships	UID15	CourseAdmissions	UID16	UnitEnrolments	UID2	Campuses	UID21	StudentLoans	UID22	StudentHELPBalance	UID23	CourseApplicants	UID24	CourseOffers	UID26	FullTimeStaff	UID28	CasualStaffActuals	UID29	CasualStaffEstimates	UID3	CoursesOfStudy	UID35	RTPScholarships	UID38	PaymentsHistory	UID45	ProviderNotifications	UID5	Courses	UID7	UnitsOfStudy	UID8	StudentsNumbers	UID100	Students	UID47	AggregateAwards	UID46	EarlyExitAwards
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E779	E779_RelatedResKey	bigint	15	The internal ITSP UID value of the entity record that this message directly relates to. This will only be provided for certain notification categories.
E783	E783_EntityAPIPath	String	max	The API call path to retrieve the record that this notification relates to.
E772	E772_DueDate	date		The date specified by DET for the notification to expire. After this date the notification will not be available in CURRENT record set views.
E692	E692_DateAccessed	DateTime		The date that the Provider accessed the full notification via the /notifications/:notificationid endpoint. Once this has been set the notification will not be available in CURRENT recordset views.
E781	E781_ProviderType	String	10	The defined provider type interacting with the system.
E654	E654_ProviderForeignKey	string	255	Provider unique identification key – a meaningful provider issued identified for the record