

Specification for the migration of legacy data to the Data Futures data model.

Migration. Z_EXPECTEDENDDATE

Version 0.0.1: Revision history at foot of document

Overview

This document provides the specification for the calculation of the field Z_EXPECTEDENDDATE, which is required to migrate legacy data into the Data Futures data model.

This is one of a series of specifications produced to translate or map legacy data submitted against the CXX051/54 collections into the Data Futures data model (056). The data migration activity will allow quality assurance checks to be run on the first Data Futures collection in 2022/23 for data submitted by providers.

Fields covered in this specification

Field name	Field description	Field version	Field length	Field type	Field level
Z_EXPECTEDENDDATE	Identifies the expected end date of a student instance.	0.0.0		Date	1

Migration.Z_EXPECTEDENDDATE - Calculated for every instance in the legacy data to identify the student's expected end date.

Valid entries

Z_EXPECTEDENDDATE – a valid date on or after the start date of the Engagement or NULL where an expected end date cannot be derived.

Dependent fields

- Migration.Z_SHORTCOURSE
- StudentCourseSession.SCSSTARTDATE
- StudentCourseSession.SCSENDDATE

Depend upon fields

- Instance.SPLENGTH
- Instance.UNITLGTH
- Instance.COMDATE

Additional information

This derivation uses commencement date and expected length of study legacy fields to derive an expected end date of the migrated Engagement. SPLENGTH provides the expected length of study based on the unit length from UNITLGTH:

UNITLGTH	UNITLGTH label
1	Years
2	Months
3	Weeks
4	Days
5	Hours

Where the data has been submitted in hours, we will make the assumption that 8 hours is equivalent to 1 day. We will round the hours up to the nearest day, so 9 hours would represent two days.

Example: Scenarios where the commencement date is 1 April 2019. The commencement date and expected end date are both counted as study days, therefore when adding the specified number of days, weeks, months or years to the commencement date, one day is subtracted to obtain the expected end date, e.g. 1 Week = Monday-Sunday (7 days), whereas Monday-Monday would be counted as 8 days (more than one week).

COMDATE	UNITLGTH	SPLENGTH	Duration	EXPECTEDDATE
01/04/2019	1	2	2 Years	31/03/2021
	2	5	5 Months	31/08/2019
		12	12 Months	31/03/2020
	3	2	2 Weeks	14/04/2019
	4	4	4 Days	04/04/2019
	5	3	3 Hours	01/04/2019
35		5 days	05/04/2019	

Technical Specification

Z_EXPECTEDENDDATE is based on COMDATE, SPLENGTH and UNITLGTH and is derived as follows. If any of COMDATE, SPLENGTH or UNITLGTH are NULL, Z_EXPECTEDENDDATE is set as NULL.

Instance.COMDATE	Instance.SPLENGTH	Instance.UNITLGTH	Migration.Z_EXPECTEDENDDATE
NULL			NULL
Otherwise	NULL		
	Otherwise	1	COMDATE + SPLENGTH years - 1 day
		2	COMDATE + SPLENGTH months - 1 day
		3	COMDATE + (SPLENGTH x 7) days - 1 day
		4	COMDATE + SPLENGTH - 1 day
		5	COMDATE + ROUND UP (SPLENGTH/8) days
Otherwise		NULL	

Revision history

2022-02-14 0.0.1 Re-formatting of document, introductory text altered.