



Department
for Education

Education and training qualification achievement rates technical specification 2022 to 2023

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Introduction and purpose of the document

This document provides technical information that explains how we process information provided in the Individualised Learner Record (ILR) data collection to produce the qualification achievement rates (QAR) dataset.

This dataset produces the education and training 2022 to 2023 QAR products. This document also provides information about how we generate the information in the QAR dashboard.

Please read this document alongside the [ILR standard file specifications and reference data documents](#) and the relevant QAR business rules, technical specifications, National Achievement Rate tables and guidance on links available from the [QAR collections page](#).

Understanding the terminology

The term 'we' refers to the 'Department for Education' (DfE) or Education and Skills Funding Agency' (ESFA), an executive agency sponsored by the Department for Education (DfE) and associated staff.

When we refer to 'you' or 'providers', this includes colleges, training organisations, local authorities and employers that report provision in the ILR funded through:

- the Adult Education Budget (or previously called the Adult Skills Budget as we use data from the last 5 years). This includes devolved delivery. Both devolved and non-devolved delivery are recorded in the ILR under Funding model 35 ('Adult Skills')
- Advanced Learner Loans recorded in the ILR under Funding model 99 ('Non-funded') using the Learning Delivery Funding and Monitoring Code 'ADL'
- 16 to 19 recorded in the ILR under Funding model 25 ('16 to 19 (excluding Apprenticeships and 16-18 learner programmes funded through school or academy funding model)')

Changes from the 2021 to 2022 technical specification document

Data submitted using the Individualised Learner Record (ILR) for the last 5 years is used to create a QAR dataset for reporting. Historically, we have utilised the Learner Reference Number to match learning aims across ILR files. From 2022 to 2023 we are reviewing matching on the Unique Learner Number (ULN) and where we are unable to do so we will match on Learner Reference Number (LRN). The section [Matching learning aims across years](#) provides further detail.

Update to the derivation to the data item 'Diploma_Excl' in the [Contents of the QAR dataset](#) to reference treatment of aim reference is "60333376" or "60333388" (Diploma in Sporting Excellence (DiSE)).

Education and training QAR methodology

We base the overall QAR on the hybrid end year, which is the later of:

- the actual end year of a learning aim
- the planned end year of a learning aim
- the reporting year

We include the reporting year to capture those overdue continuing learning aims, overdue planned breaks or late completions recorded in the following academic year (up to R04). See later section [Calculating the hybrid end year](#) for further details on how we calculate the hybrid end year.

The learning aims included in the 2022 to 2023 overall QAR are those with a hybrid end year of 2022 to 2023.

There can be a delay between completing a learning aim and the notification of the achievement. To account for this delay and ensure all relevant leavers are included, we use information from the 2023 to 2024 R04 ILR to identify learning aims with a planned end date in 2022 to 2023. If you update records in your 2023 to 2024 R04 return that you submitted in your 2022 to 2023 R14 return, then we will use the R04 record to determine your QAR.

Identifying education and training aims

The method for choosing learning aims are:

- the **Aim Type** is not 1 (Programme aim) and
- the **Programme Type** is not 2, 3, 10, 20, 21, 22, 23, 24 or 25 (Advanced level apprenticeship, Intermediate Level Apprenticeship, Higher Apprenticeship, Higher Apprenticeship – level 4, Higher Apprenticeship – level 5, Higher Apprenticeship – level 6, Higher Apprenticeship – level 7+, Traineeship, Apprenticeship standard respectively)

Exclusions from education and training QARs

The business rules available from the [QAR collections page](#) describe how we calculate the QARs and which learning aims will not be included in the QAR calculations.

We exclude some learning aims from QARs to ensure the results are more credible and appropriate. The reasons include (and this is not an exhaustive list):

- if it is part of a new programme of learning, such as a new pilot, that providers need time to get used to delivering
- if we do not fund the aim, or is not financed by an advanced learner loan

- if the aim not a qualification
- if it is affected by circumstances where we have agreed an exception (for example, if the learner is transferred to a new provider due to intervention from us)

The table below describes the scenarios where we exclude learning aims. The definition of the derived variables below are in the [ILR standard file specifications and reference data documents](#).

Description	Rules for identifying the excluded aim
A learner has transferred to a new provider due to a college merger.	<p>Aims where the Withdrawal Reason is 47 (Learner has transferred to another provider due to a college merger), and the Learning Actual End Date is less than the Learning Start Date on the new UKPRN (matching on Unique Learner Number).</p> <p>The Learning Start Date on the new UKPRN must be within 30 days or less than the Learning Actual End Date on the original UKPRN.</p>
For the overall QAR, learning aims where the learner has transferred to a different aim with the same provider.	<p>Aims where:</p> <ul style="list-style-type: none"> • the Completion Status is 3 (Learner has withdrawn from the learning activities leading to the learning aim); and • the Withdrawal Reason is 40 (Learner has transferred to a new learning aim with the same provider); and • a new aim is recorded (matching on Unique Learner Number and UKPRN) with a Learning Start Date that is 120 days or less after the Learning Actual End Date of the original aim.
For the overall QAR, learning aims where the learner has temporarily withdrawn from the aim due to an agreed break in learning.	<p>Aims where the Completion Status is 6 (Learner has temporarily withdrawn from the aim due to an agreed break in learning).</p> <p>Under certain circumstances, we do not exclude learning aims where the learner has temporarily withdrawn from the aim due to an agreed break in learning. See section Identifying overdue continuing aims and planned breaks for further detail.</p>
Learning aims where a learner has transferred to a new provider because of intervention from us.	<p>Aims where the Withdrawal Reason is 7 or 41 (Learner has transferred between providers due to intervention by or with the written agreement of the Education and Skills Funding Agency OR Learner has transferred to another provider to undertake learning that meets a specific government strategy).</p>

Description	Rules for identifying the excluded aim
<p>Learning aims where the learner has withdrawn from the learning aim within the funding qualifying period, and the learning aim is not achieved.</p> <p>We exclude learners who restarted with the same provider in this exclusion rule, as the original instance of learning will have passed the funding qualifying period.</p>	<p>Aims where:</p> <ul style="list-style-type: none"> • the planned duration is 168 days or more • the actual duration is less than 42 days • the Completion Status is 3 (Learner has withdrawn from the learning activities leading to the learning aim) • the Restart Indicator is 0 (Not a Restart) <p>Aims where:</p> <ul style="list-style-type: none"> • the planned duration is between 14 and 167 days • the actual duration is less than 14 days • the Completion Status is 3 (Learner has withdrawn from the learning activities leading to the learning aim) • the Restart Indicator is 0 (Not a Restart) <p>Aims where:</p> <ul style="list-style-type: none"> • the planned duration is 168 days or more • the actual duration is less than 42 days • the Completion Status is 3 (Learner has withdrawn from the learning activities leading to the learning aim) • the Restart Indicator is 1 (Restart); and <ul style="list-style-type: none"> o the new Learning Start Date is greater than the original Learning Actual End Date of the apprenticeship on the original UKPRN <p>Aims where:</p> <ul style="list-style-type: none"> • the planned duration is between 14 and 167 days • the actual duration is less than 14 days • the Completion Status is 3 (Learner has withdrawn from the learning activities leading to the learning aim) • the Restart Indicator is 1 (Restart); and <ul style="list-style-type: none"> o the new Learning Start Date is greater than the original Learning Actual End Date of the apprenticeship on the original UKPRN <p>There is no qualifying period for aims with a planned duration of less than 14 days.</p> <p>The planned duration of the aim, in days, is the difference between the Learning Start Date and the Learning Planned End Date.</p> <p>The actual duration of the aim, in days, is the difference between the Learning Start Date and the Learning Actual End Date.</p>
<p>Component aims (except for those in traineeships, diplomas, progression pathways and foundation learning programmes)</p>	<p>Aims where the Learning Delivery Aim Type is 3 (Component learning aim within a programme) and the Programme Type is not</p> <ul style="list-style-type: none"> • 15 (Diploma – level 1 (foundation)) • 16 (Diploma – level 2 (higher)) • 17 (Diploma – level 3 (progression)) • 18 (Diploma – level 3 (advanced))
<p>Programme aims, such as those for Traineeships, diplomas, foundation learning programmes and progression pathways</p>	<p>Aims where the Aim Type is not 3, 4 or 5 (Component learning aim within a programme, Learning aim that is not part of a programme, or Core aim – 16-19 (excluding Apprenticeships) funded learning aims only respectively).</p>

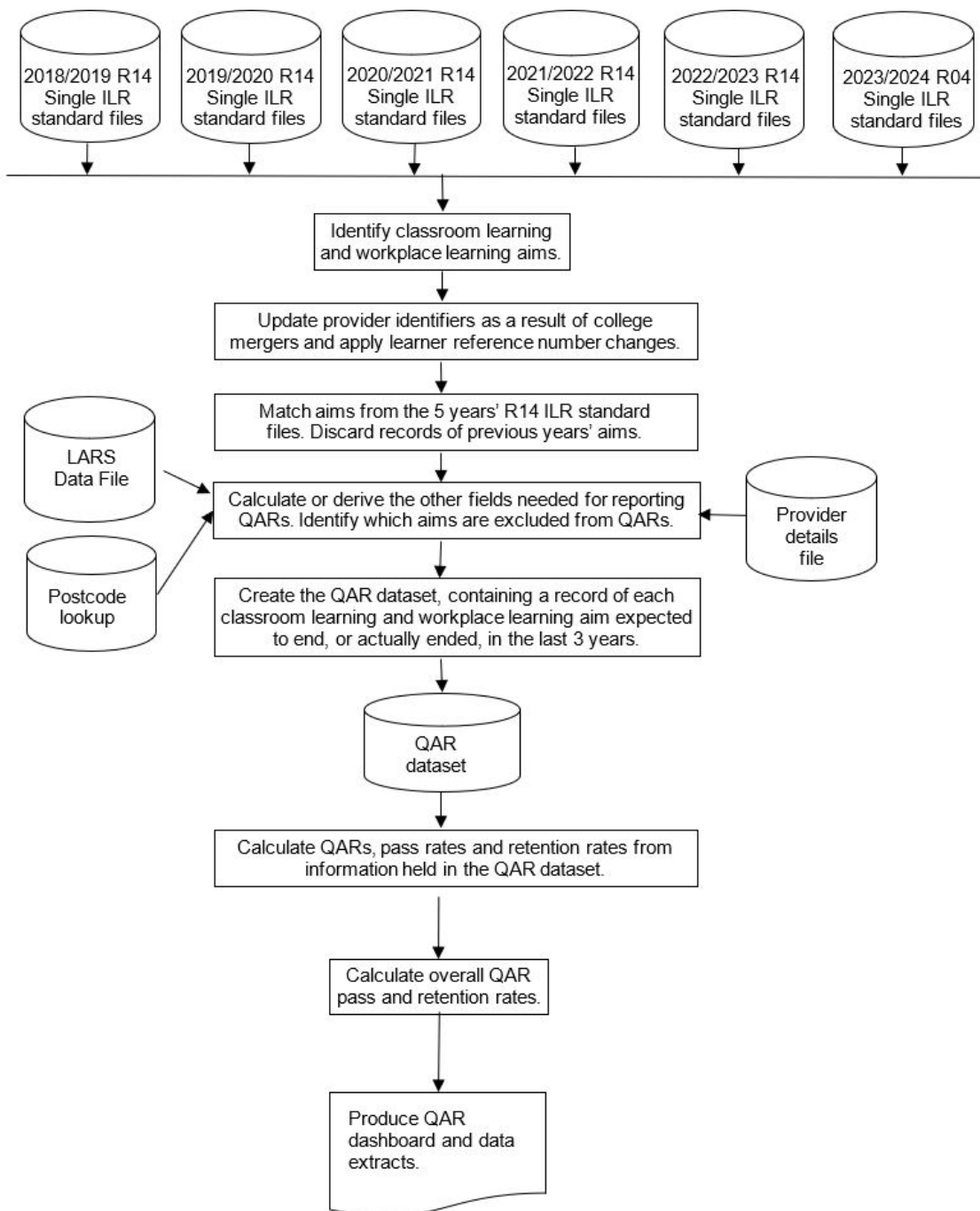
Description	Rules for identifying the excluded aim
Learning aims that have not been funded by us, or not financed by an advanced learner loan	<p>Aims where if D_FEFund is not 1 (ESFA formula funding), not 2 (ESFA non formula funding) or not 3 (No ESFA funding financed by Advanced Learner Loan), and</p> <ul style="list-style-type: none"> • the Programme Type is 24, and the Aim Type is not 3 (Component learning aim); or • the Programme Type is 24, the Aim Type is 3, and the Traineeship Aim Type is 'Work Placement'; or • the Programme Type is not 24
Innovation Code learning aims	<p>Aims where the Learning Aim Reference is:</p> <ul style="list-style-type: none"> • 'ZINN0001' to 'ZINN0006'; or • 'Z0004474' to 'Z0007833'
Aims delivered through Learning Technologies Pilots and 18 to 21 work skills pilots	<p>Aims where any of the Learning Delivery Monitoring Codes is 332 (18-21 Work Skills Pilot), 337 (Learning Technologies pilots-online learning) or 341 (18-21 Work Skills Pilot).</p>
Supported internships	<p>Aims where the Learning Aim Reference is 'Z0002347'</p>
Aims where unemployed learners claiming Universal Credit, Jobseeker's Allowance (JSA) or Employment and Support Allowance (ESA) in the Work Related Activity Group (WRAG) cannot continue their learning through to successful completion because they have started work	<p>For ILR files for 2016 to 2017 onwards, aims where:</p> <ul style="list-style-type: none"> • the Completion Status is not 1 (Learner is continuing or intending to continue the learning activities leading to the learning aim); • the Outcome is not 1 (Achieved); • the Employment Outcome is 1 or 2 (Employment outcome (with training) gained on eligible funded programme OR Employment outcome (without training) gained on eligible funded programme); • a Learner Employment Status record exists with an Employment Status of 11 or 12 (Not in paid employment, looking for work and available to start work OR Not in paid employment, not looking for work and/or not available to start work) and a Date Employment Status Applies earlier than the Learning Aim Start Date; and <ul style="list-style-type: none"> o the latest ILR for the learner has an Employment Status Monitoring Type of BSI (Benefit status indicator) and an Employment Status Monitoring Code of 1 or 2 (Learner is in receipt of Job Seekers Allowance (JSA) OR Learner is in receipt of Employment and Support Allowance - Work Related Activity Group (ESA WRAG)); or o (the latest ILR for the learner has an Employment Status Monitoring Type of BSI (Benefit status indicator) and an Employment Status Monitoring Code 4 (Learner is in receipt of Universal Credit); and the Employment Status on the first day of learning is 11 (Not in paid employment, looking for work and available to start work); and <p style="text-align: center;">there is a valid length of unemployment)</p>
Traineeship learning aims	<p>Aims where the Programme Type is 24 (Traineeship). From 2020 to 2021, we will count these aims towards the Traineeship achievement rate.</p>
Work experience or work placement aims	<p>Aims where the Learning Aim Reference is 'Z0007834' to 'Z0007838', or 'ZWRKX001' to 'ZWRKX009'.</p>

Description	Rules for identifying the excluded aim
<p>Changes to records previously submitted 2 or more years ago.</p> <p>The example given is for aims reported in 2021 to 2022. The exclusion also applies to aims reported in 2020 to 2021 or 2019 to 2020 that meet the same conditions for the corresponding earlier years.</p>	<p>For aims reported in the 2021 to 2022 ILR, that were previously reported in the 2019 to 2020 ILR or earlier, and not reported in the 2020 to 2021 ILR. Where:</p> <ul style="list-style-type: none"> • the actual or planned end dates are not in 2021 to 2022 or later, • the record was first reported complete in the 2021 to 2022 ILR <p>The record is not an update to a learning aim, which would otherwise have been an overdue planned break, counted in the 2021 to 2022 hybrid end year.</p> <p>This applies only to 2021 to 2022 and previous years.</p>
<p>Non-formula funded community learning provision</p>	<p>Aims identified by Funding Model 10 (Community Learning).</p>
<p>Offender Learning and Skills Service (OLASS) learning aims</p>	<p>Aims identified by Learning Delivery Monitoring Code 34 (OLASS Offenders in custody).</p>
<p>Directly funded 14 to 16 year-old students recruited by a general further education (GFE) college or a sixth form college.</p>	<p>Aims identified by Learning Delivery Monitoring Codes 320 (14-16 Direct Funded Students in FE) or 321 (14-16 Home Educated Students).</p>
<p>Former Employer Ownership Pilot learning aims.</p>	<p>Aims identified by Learning Delivery Monitoring Code 351 (Former Employer Ownership Pilot Provision).</p>
<p>Flexible Learning Fund aims.</p>	<p>Aims identified by Learning Delivery Monitoring Code 360 (Flexible Learning Fund).</p>
<p>SILR exclusion</p>	<p>Aims in the QAR business rules that do not meet the definition of Workplace Learning or Education and Training aims.</p>
<p>T-Level and T-Level Transition Programme aims</p>	<p>Aims identified as programme type 30 and 31.</p>

Processing standard files

Process flow diagram

This flow diagram below shows how we process ILR information for multiple funding years to produce the QARs dataset, which is the source of the information used for the QAR dashboard.



Matching learning aims across years

Many learning aims take more than one year to complete, meaning that the same learning aims for a learner can appear on more than one ILR file.

We use various combinations of variables to ensure we match the correct records across years. Historically at learner level, we have utilised the Learner Reference Number for matching purposes. From 2022 to 2023 we will match on the Unique Learner Number (ULN) and where we are unable to do so we will match on Learner Reference Number (LRN). The matching records process will therefore utilise the UKPRN, Unique Learner Number (or where unable to do so the Learner Reference Number), Programme Type and Aim reference together with the following combinations, in the following sequence.

- Learning start date, Learning planned end date, Learning actual end date
- Learning start date, Learning planned end date
- Learning start date, Expected end year (Expected_End_Year), Learning actual end date
- Learning start date, Expected end year

Once we have matched learning aim records, we discard those from previous years, leaving just the latest information for each learning aim in the QAR dataset.

Unique Learner Number is used to match all aims except in cases where:

- There is more than one distinct Learner reference number recorded with the same Unique learner number by the same provider (same UKPRN) within a year.
- There is more than one distinct LearnRefNumber_orig recorded with the same Unique learner number by the same provider (same UKPRN) and with the same LearnAimRef, within a year.
- An aim has been submitted with the same Learner reference number and UKPRN with a ULN of 9999999999.

Processing learner reference number changes

As outlined in the section above, historically at learner level, we have utilised the Learner Reference Number assigned by providers for matching purposes. From 2022 to 2023 we will match on the Unique Learner Number (ULN) and where we are unable to do so we will match on Learner Reference Number (LRN) to match aims across years.

If, for any reason, a learner's Learner reference number changes, either within a funding year or between years, then you must record this using the Learner reference number in previous year field.

We use the information in the Learner reference number in the previous year field to change the Learner reference numbers for previous years to the latest Learner reference number. We keep the original Learner reference number in the QAR dataset in the LearnRefNumber_orig field.

If you do not return the Learner reference number in previous year field when there has been a change, then the process of matching aims may not work correctly. This can create 2 records in the QAR dataset for the same aim: one using the old Learner reference number and one using the new Learner reference number. Where the aim from the earlier year's ILR file does not have any achievement data, this will reduce your QAR.

If you use the Learner reference number in previous year field when there **has not** been a change in the learner's Learner reference number, then this will prevent us from correctly matching that learner's aims.

You **must** remove the data from this field between years, as detailed in the [ILR specification](#), otherwise the learners will not match correctly.

Example:

Learner A has a Learner reference number of 'LNA1234' in 2020 to 2021. Due to a change in the provider's management information system, Learner A has a new Learner reference number in 2021 to 2022 of 'LRA9876'. For the QAR to match correctly, you must record the references as follows:

- In 2020 to 2021:
 - Learner reference number = LNA1234
 - Learner reference number in previous year is not returned
- In 2021 to 2022:
 - Learner reference number = LRA9876
 - Learner reference number in previous year = LNA1234
- In 2022 to 2023:
 - Learner reference number = LRA9876
 - Learner reference number in previous year is not returned (2021/22 QAR cannot match if reported in R04)

Identifying overdue continuing aims and planned breaks

Continuing learning aims (with a Completion status of 1 'The learner is continuing or intending to continue the learning activities leading to the learning aim') in the R14 ILR return for a funding year, that do not have a corresponding record in the following funding year, are treated as a withdrawal for the overall methodology.

For example, if the year you submitted the record on the ILR is '2021/2022' and there is no corresponding record in 2022 to 2023 R14 ILR return:

- the hybrid end year (Hybrid_End_Year) is set to 2022; and
- Overall_Leaver is set to 1; and
- Overall_Achiever is set to 0

If you subsequently return the record in the ILR in any of the years after, we will exclude it from your QAR so that the same record is not counted against QARs in two different years.

Aims where the learner is on a planned break (with a Completion status of 6 'Learner has temporarily withdrawn from the aim due to an agreed break in learning'), are treated as a withdrawal for the overall methodology where either of these apply:

- they do not have a corresponding restart record in the same funding year
- they do not have a corresponding restart record in the following funding year
- if the planned break was recorded in the ILR R14 return for funding year 2021 to 2022, they do not have a corresponding restart record by the R04 ILR return of the funding year 2023 to 2024.

An ILR record is a restart record if it has a Learning Delivery Funding and Monitoring Type of 'RES' with a Learning Delivery Funding and Monitoring Code of 1 (Learning aim restarted).

We match restart records to planned break records by matching on UKPRN, Learner reference number and Learning aim reference where the Original learning start date on the restart record matches the Learning start date or Original learning start date of the planned break record; this allows for situations where the planned break was itself a restart.

For example, an aim where the learner is on a planned break, that is submitted in the 2020 to 2021 ILR (YearAimSubmitted is '2020/21'), **has** a corresponding restart record if:

- the UKPRN, Learner reference number and Learning aim reference number on the planned break record is the same as the UKPRN, Learner reference number and Learning aim reference number on a restart record; and
- either the Learning start date or the Original learning start date on the planned break record is the same as the Original learning start date on the restart record; and
- the restart record was submitted in the 2020 to 2021, 2021 to 2022 or 2022 to 2023 ILR (YearAimSubmitted is '2020/21', '2021/22' or '2022/23')

If an aim where the learner is on a planned break that is submitted in the 2020 to 2021 ILR (YearAimSubmitted is '2020/21'), **does not have** a corresponding restart record:

- the reporting year is set to one year after the later of the expected end year or actual end year; and
- Overall_Leaver is set to 1; and
- Overall_Achiever is set to 0

An aim where the learner is on a planned break, that is submitted in the 2021 to 2022 ILR (YearAimSubmitted is '2021/22'), **has** a corresponding restart record if:

- the UKPRN, Learner reference number and Learning aim reference number on the planned break record is the same as the UKPRN, Learner reference number and Learning aim reference number on a restart record; and
- either the Learning start date or the Original learning start date on the planned break record is the same as the Original learning start date on the restart record; and
- the restart record was submitted in the 2021 to 2022 or 2022 to 2023 ILR, or the 2023 to 2024 R04 ILR (YearAimSubmitted is '2021/22', '2022/23' or '2023/24')

If an aim where the learner is on a planned break that is submitted in the 2021 to 2022 ILR (YearAimSubmitted is '2021/22'), **does not have** a corresponding restart record:

- the reporting year is set to one year after the later of the expected end year or actual end year; and
- Overall_Leaver is set to 1; and
- Overall_Achiever is set to 0

Key principles for QAR, pass rate and retention rate calculations

The key principles of calculating QARs, pass rate and retention rates are as follows:

- we only include learning aims funded by us or by an advanced learner loan

- we exclude the aims described in the earlier section [Exclusions from education and training QARs](#)
- we class uncashed AS levels as non-achievement

Overall qualification achievement, pass and retention rate calculations

We use the following fields from the QAR dataset to calculate overall QARs, pass rates and retention rates:

- Hybrid end year (Hybrid_End_Year) - This field is the later of the actual learning end year (Actual_End_Year), expected learning end year (Expected_End_Year), or the reporting year
- Overall_Leaver - This field indicates whether a learning aim has ended (a Learning actual end date is present), or it is an overdue continuing learning aim or an overdue continuing planned break
- Overall_Achiever - This field indicates whether a learning aim has been achieved (achieved learning aims have an Outcome of 1 or 7 (Achieved or Achieved and cashed (AS levels only))
- Overall_Completer - This field indicates whether a learning aim has been successfully completed (successfully completed learning aims have a Completion status of 2 (The learner has completed the learning activities leading to the learning aim))

For each funding year the overall QAR percentage is:

$$\frac{\text{Number of learning aims that have achieved}}{\text{Number of learning aims that have ended}} \times 100$$

For each hybrid end year (Hybrid_End_Year) the overall QAR percentage is:

$$\frac{\text{Number of learning aims where Overall_Achiever is 1}}{\text{Number of learning aims where Overall_Leaver is 1}} \times 100$$

For each funding year, the overall pass rate percentage is:

$$\frac{\text{Number of learning aims that have achieved}}{\text{Number of learning aims that have been successfully completed}} \times 100$$

For each hybrid end year (Hybrid_End_Year), the overall pass rate percentage is:

$$\frac{\text{Number of learning aims where Overall_Achiever is 1}}{\text{Number of learning aims where Overall_Completer is 1}} \times 100$$

For each funding year, the overall retention rate percentage is:

$$\frac{\text{Number of learning aims that have successfully completed}}{\text{Number of learning aims that have ended}} \times 100$$

For each hybrid end year (Hybrid_End_Year), the overall retention rate percentage is:

$$\frac{\text{Number of learning aims where Overall_Completer is 1}}{\text{Number of learning aims where Overall_Leaver is 1}} \times 100$$

Further Information

Please also use the [QAR collections page](#) that has links to the relevant QAR business rules, technical specifications, National Achievement Rate tables and guidance.

If you have any queries in relation to QAR, please contact us via our [online enquiry form](#), selecting the QAR query type. Where the enquiry relates to specific learner queries, please also complete and submit the data query form which can be downloaded from the [QAR collections page](#) under the relevant academic year.

Contents of the QAR dataset

The following reference files are used in some of the derivations:

- a) The 2022/2023 LARS data file – this file holds the learning aim data from the Learning Aims Reference System (LARS), as at the hard close of the 2022 to 2023 ILR data collection (19 October 2023).
- b) The 2022/2023 Provider Details file – this file holds providers’ details from the Provider and Organisation Information Management System (PIMS), as at 31 July 2023.
- c) We obtain the lookup used to determine the delivery region and delivery local authority of a delivery location postcode from the National Statistics Postcode Lookup (UK) May 2023. This will be available to download from the Office of National Statistics website.

Data item	Description	Data values	Source (ILR)	Derivation
Age_Band	A banding of the learner’s age used for reporting. For classroom learning this is based on the age at the learner on 31 August of the year they started the learning aim in. For workplace learning this is based on the age of the learner at the start of the learning aim.	1 = 18 and under 2 = 19 or over, or whose age is not known	Derived	For aims formally identified as classroom learning aims set the value as follows: <ul style="list-style-type: none"> • set to 1 if Age_31AugStYr is 0 to 18 • set to 2 if Age_31AugStYr is 19 or greater, or unknown For aims formally identified as workplace learning aims set to 2.
Age_31AugStYr	The age of the learner on 31 August of the year they started the learning aim in. Only calculated for classroom learning aims.		Derived	Calculate as the difference between the start year (Start_Year) of the learning aim and the Date of Birth .
AimType	The type of aim.		ILR standard files	Set to AimType .
AwardingOrgCode	The awarding body associated with each learning aim record.		LARS data file	Set to AwardingOrgCode for the aim, from the LARS data file.

Data item	Description	Data values	Source (ILR)	Derivation
BasicSkills	Indicates that the learning aim is considered to be a Basic Skill aim relating to achievements in literacy, numeracy and language.	0 or 1	LARS data file	Set to 1 if BasicSkills for the learning aim, from the LARS data file, is 1. Otherwise set to 0.
BasicSkillsType	A sub-category of Basic Skill identifying the type of basic skill (for example, adult literacy, ESOL).		LARS data file	Set to BasicSkillsType for the learning aim, from the LARS data file.
CampusID	The campus identifier of the learning aim.		ILR standard files	Set to Campus Identifier .
CL_Excl	Indicates that the learning aim is a Community Learning aim. Community Learning aims are not included in QAR.	0 or 1	Derived	Set to 1 if Funding Model is 10 (Community Learning). Otherwise set to 0.
Component_Aim_Excl	Indicates that the learning aim is a component aim that is not included in QAR.	0 or 1	Derived	Set the value as follows. <ul style="list-style-type: none"> set to 0 if the Learning Delivery Aim Type is 3 (Component learning aim within a programme) and the Programme Type is 15, 16, 17, 18 or 24 (Diploma – level 1 (foundation), Diploma – level 2 (higher), Diploma – level 3 (advanced), Diploma – level 3 (progression) or Traineeship respectively) set to 0 if the Learning Delivery Aim Type is 4 or 5 (Learning aim that is not part of a programme OR Core aim - 16-19 (excluding Apprenticeships) funded learning aims only) Otherwise set to 1.
CompStatus	The completion status of the learning aim.		ILR standard files	Set to 4 if the Completion Status is 3 and the Withdrawal Reason is 40. Otherwise, set to Completion Status .

Data item	Description	Data values	Source (ILR)	Derivation
D_AgeAimStart	The age of the learner at the start of the learning aim. Only calculated for workplace learning aims (now included in education and training provision).		Derived	Calculated as the difference between the start date (Learning Start Date) of the learning aim and the Date of Birth .
D_FullLevel2	Identifies whether the learning aim is a full level 2.	0 or 1	ILR standard files	Set to 0 if FullLevel3EntitlementCategory from the LARS data file is 1, 2 or 3 and FullLevel3Percent from the LARS data file is 100 or more. Set to 1 if FullLevel2EntitlementCategory from the LARS data file is 1 or 4 and FullLevel2Percent from the LARS data file is 100 or more. Otherwise set to 0.
D_FullLevel3	Identifies whether the learning aim is a full level 3.	0 or 1	ILR standard files	Set to 1 if FullLevel3EntitlementCategory from the LARS data file is 1, 2 or 3 and FullLevel3Percent from the LARS data file is 100 or more. Otherwise set to 0.
Datasource	The source of the record on the QAR dataset.	ILR	Derived	Set to 'ILR'.
DelLocPostCode	The postcode of the delivery location.		ILR standard files	Set to Delivery Location Postcode .
DelLocPostCode_GOR	The delivery location postcode Government office region.		Postcode lookup	Obtained from the National Statistics Postcode Lookup (UK) May 2023.
DelLocPostCode_LocalAuthority	The delivery location postcode local authority district.		Postcode lookup	Obtained from the National Statistics Postcode Lookup (UK) May 2023.
Diploma_Excl	Indicates that the learning aim is a programme aim, such as those used for progression pathways, diplomas and foundation learning programmes. Programme aims are not included in QAR.	0 or 1	Derived	Set to 1 if Aim Type is not 3, 4 or 5 ((Component learning aim within a programme, Learning aim that is not part of a programme or Core aim – 16-19 (excluding Apprenticeships) funded learning aims only)), OR if the

Data item	Description	Data values	Source (ILR)	Derivation
				Aim Reference is "60333376" or "60333388". Otherwise set to 0.
Direct_Funded_Excl	Indicates that the learner is a 14 or 15 year-old fulltime learner who has been recruited directly by a general further education (GFE) college or a sixth form college, or learners from September 2013 who are alternative provision census home educated students, but funded as 14-16s direct in FE.	0 or 1	Derived	Set to 1 if there is a Learning Delivery Funding and Monitoring Type of 'LDM' with a Learning Delivery Funding and Monitoring Code of 320 (14-16 Direct Funded Students in FE) or 321 (14-16 Home Educated Students). Otherwise set to 0.
EmpOutcome	Employment outcome		ILR standard files	Set to Employment Outcome .
EOP_Excl	Indicates that the programme aim is former EOP provision.	0 or 1	Derived	Set to 1 if there is a Learning Delivery Funding and Monitoring Type of 'LDM' with a Learning Delivery Funding and Monitoring Code of 351 (Former Employer Ownership Pilot). Otherwise set to 0.
ESF_Excl	Indicates that the learning aim is funded by the European Social Fund (ESF). Aims funded by the ESF are not included in QAR.	0 or 1	Derived	Set to 1 if Funding Model is 70 (ESF). Otherwise set to 0.
Ethnicity	The learner's ethnic background.		ILR standard files	Set to Ethnicity .
FLF_Excl	Indicates that the aim is flexible learning fund and is excluded from QARs.	0 or 1	Derived	Set to 1 if there is a Learning Delivery Funding and Monitoring Type of 'LDM' with a Learning Delivery Funding and Monitoring Code of 360 (Flexible Learning Fund). Otherwise set to 0.

Data item	Description	Data values	Source (ILR)	Derivation
FreeMeals	Indicates that the learner is eligible for free meals, or is eligible and receiving free meals. 19+ learners are not eligible for free meals.		Derived	If the Learner Funding and Monitoring Type is 'FME' and the Learner Funding and Monitoring Code is 1 or 2 (14-15 year old learner is eligible for free meals OR 16-19 year old learner is eligible for and in receipt of free meals, set to the Learner Funding and Monitoring Code , otherwise set to -1.

Data item	Description	Data values	Source (ILR)	Derivation
Fund_Qual_Excl	<p>Indicates that the learner has withdrawn from a learning aim before they meet the qualifying number of days for funding.</p> <p>(The qualifying period for funding aims with a planned duration of less than 14 days is 1 day. We always set Fund_Qual_Excl to 0 for aims with a planned duration of less than 14 days.)</p>	0 or 1	Derived	<p>The planned duration of the aim, in days, is the difference between the Learning Start Date and the Learning Planned End Date.</p> <p>The actual duration of the aim, in days is the difference between the Learning Start Date and the Learning Actual End Date.</p> <p>Set to 1 if the planned duration is 168 days or more, the actual duration is less than 42 days, the Completion Status is 3 (Withdrawal)</p> <p>And</p> <ul style="list-style-type: none"> • the Restart Indicator is 0 (Not a Restart); or • the Restart Indicator is 1 (Restart) and <ul style="list-style-type: none"> ○ the original UKPRN does not equal the new UKPRN ○ the original Learning Actual End Date is less than the new Learning Start Date ○ we can find an apprenticeship on the same ULN at the original UKPRN <p>Set to 1 if the planned duration is between 14 and 167 days, the actual duration is less than 14 days and the Completion Status is 3 (Withdrawal)</p> <p>And</p> <ul style="list-style-type: none"> • the Restart Indicator is 0 (Not a Restart); or • the Restart Indicator is 1 (Restart) and <ul style="list-style-type: none"> ○ the original UKPRN does not equal the new UKPRN ○ the original Learning Actual End Date is less than the new Learning Start Date ○ we can find an apprenticeship on the same ULN at the original UKPRN <p>Otherwise set to 0.</p>

Data item	Description	Data values	Source (ILR)	Derivation
High_Needs_Students	Indicates that the learner is a high needs student in receipt of element 3 'top-up' funding from the local authority	0 or 1	ILR standard files	Set to L_HNS
Innovation_Excl	Indicates that the learning aim is an Innovation Code aim – these aims are not included in QAR.	0 or 1	Derived	Set to 1 if the Learning Aim Reference is 'ZINN0001' to 'ZINN0006' or 'Z0004474' to 'Z0007833'. Otherwise set to 0.
JSA_ESA_UC_Excl	Indicates that the learning aim is for an unemployed learner claiming Universal Credit, Jobseeker's Allowance (JSA) or Employment and Support Allowance (ESA) in the work-related activity group (WRAG) who cannot continue their learning through to completion because they have started working. Aims for these learners are not included in QAR.	0 or 1	Derived	
L_PriorPcode	The learner's home postcode.		ILR standard files	Set to L_PriorPcode (Postcode prior to enrolment)
L_PriorPcode_GOR	The learner's home postcode Government office region.		Postcode lookup	Obtained from the National Statistics Postcode Lookup (UK) May 2023.
L_PriorPcode_LocalAuthority	The learner's home postcode local authority district.		Postcode lookup	Obtained from the National Statistics Postcode Lookup (UK) May 2023.
LearnActEndDate	The learning actual end date (DDMMYYYY).		ILR standard files	Set to Learning Actual End Date .
LearnAimRef	The learning aim reference.		ILR standard files	Set to Learning Aim Reference .
LearnAimRefTitle	Learning aim description		LARS data file	Set to LearnAimRefTitle for the learning aim, from the LARS data file.

Data item	Description	Data values	Source (ILR)	Derivation
LearnAimRefType	Code used by the Learner Aims Reference System to assign learning aims to certain listed types of learning aim (for example, NVQs and GNVQs).		LARS data file	Set to LearnAimRefType for the learning aim, from the LARS data file.
LearnPlanEndDate	The learning planned end date (DDMMYYYY).		ILR standard files	Set to Learning Planned End Date .
LearnRefNumber	The learner reference number.		ILR standard files	Set to Learner Reference Number .
LearnRefNumberAnon	The anonymised learner reference number		Derived	The processing that creates the QAR dataset assigns a unique anonymised value to each learner.
LearnStartDate	The learning start date (DDMMYYYY).		ILR standard files	Set to Learning Start Date .
LLDDHealthProb	Whether the learner considers that they have a learning difficulty, disability or health problem.		ILR standard files	Set to LLDD and Health Problem .

Data item	Description	Data values	Source (ILR)	Derivation
Maths_English	Indicates whether a learning aim is a mathematics or English learning aim. Only set for qualification types of 'GCSE Maths and English' and 'Basic Skills Maths and English'.	E, M or blank	Derived	<p>Set to 'E' where:</p> <ul style="list-style-type: none"> • Qualification_Type is 'GCSE Maths and English' and MapCode is B1220137 (GCSE English); or • Qualification_Type is 'GCSE Maths and English' and BasicSkillsType, from the LARS data file, is 33 (International GCSE in English Language); or • Qualification_Type is 'Basic Skills Maths and English' and BasicSkillsType, from the LARS data file, is 01, 20, 23 or 29 (Certificate in Adult Literacy, Functional Skills in English, Units of the Certificate in Adult Literacy or QCF Basic Skills English Language respectively) <p>Set to 'M' where:</p> <ul style="list-style-type: none"> • Qualification_Type is 'GCSE Maths and English' and MapCode is B0220076 (GCSE in Mathematics); or • Qualification_Type is 'GCSE Maths and English' and BasicSkillsType, from the LARS data file, is 34 (International GCSE in Mathematics); or • Qualification_Type is 'Basic Skills Maths and English' and BasicSkillsType, from the LARS data file, is 02, 19, 21 or 30 (Certificate in Adult Numeracy, Functional Skills in Mathematics, Units of the Certificate in Adult Numeracy or QCF Basic Skills Maths respectively) <p>Otherwise blank.</p>

Data item	Description	Data values	Source (ILR)	Derivation
Not_Funded_Excl	Indicates that the learning aim is non-funded (not funded or financed by an advanced learner loan). Non-funded aims are not included in QAR.	0 or 1	Derived	Set to 0 if D_FEFund is 1 (ESFA formula funded), 2 (ESFA non formula funding) or 3 (No ESFA funding financed by Advanced Learner Loan) and Fund_Qual_Excl is 0, and <ul style="list-style-type: none"> • ProgType is 24, and AimType is not 3 (Component learning aim); or • ProgType is 24, the AimType is 3, and D_TrainAimType from ILR standard files is not 'Work Placement'; or • ProgType is not 24 Otherwise set to 1.
NotionalNVQLevel	A level on the NVQ scale for all learning aims. (This enables the learning aim to be analysed against the NVQ scale)		LARS data	Set to NotionalNVQLevel for the learning aim, from the LARS data file.
OLASS_Excl	Indicates that the learning aim is an OLASS aim. OLASS aims are not included in QAR.	0 or 1	Derived	Set to 1 if the Learning Delivery Funding and Monitoring Type is 'LDM' and the Learning Delivery Funding and Monitoring Code is 34 (OLASS – Offenders in custody), otherwise set to 0.
Orig_Learn_Start_Date	The original date that the learner commenced the learning on the original aim. This is only applicable where the aim is a restart (DDMMYYYY)		ILR standard files	
Outcome	The learning outcome of the learning aim.		ILR standard files	Set to Outcome .
OutGrade	The learning outcome grade of the learning aim.		ILR standard files	Set to Outcome Grade .

Data item	Description	Data values	Source (ILR)	Derivation
Overdue_Continuing_Aim	Indicates whether the aim is an overdue continuing aim.	0 or 1	Derived	Set to 1 if the aim is an overdue continuing learning aim (as identified in section Identifying overdue continuing aims and planned breaks) otherwise set to 0.
Overdue_Planned_Break	Indicates whether the aim is an overdue planned break.	0 or 1	Derived	Set to 1 if the aim is an overdue planned break (as identified in section Identifying overdue continuing aims and planned breaks , otherwise set to 0.
Overall_Achiever	For the overall QAR measure, this indicates that the learner has achieved the learning aim.	0 or 1	Derived	Set to 1 if: <ul style="list-style-type: none"> • Age_31AugStYr is 16 or more; • Learning_Outcome is 1 (Achieved); and • the Learning Actual End Date is no later than 31 July 2023 Otherwise set to 0.
Actual_End_Year	The actual end year of the learning aim (20_ _).		Derived	Set to the first calendar year of the funding period the Learning Actual End Date falls in. (For example, if the Learning Actual End Date falls within the 2022 to 2023 funding year, Actual_End_Year has the value of 2022).
Overall_Completer	For the overall QAR measure, this indicates that the learning aim has been completed.	0 = not completed 1 = completed	Derived	Set to 1 if: <ul style="list-style-type: none"> • Age_31AugStYr is 16 or more; Completion Status is 2 (Learner has completed the learning activities leading to the learning aim); and • the Learning Actual End Date is no later than 31 July 2023 Otherwise set to 0.

Data item	Description	Data values	Source (ILR)	Derivation
Overall_Leaver	For the overall QAR measure, this indicates that the record should be counted towards the overall achievement rate.	0 or 1	Derived	Set to 1 if: <ul style="list-style-type: none"> • Age_31AugStYr is 16 or more; and • (Learning Actual End Date is populated and the Learning Actual End Date is no later 31 July 2023); or • Overdue_Continuing_Aim = 1; or • Overdue_Planned_Break = 1 Otherwise set to 0.
Expected_End_Year	The learning aim's expected end year (20__).		Derived	Set to the value of the first calendar year of the funding period the Learning Planned End Date falls in. For example, if the Learning Planned End Date falls within the 2022 to 2023 funding year, Expected_End_Year has the value of 2022.
Hybrid_End_Year	The hybrid end year of the learning aim (20__).		Derived	Set to: <ul style="list-style-type: none"> • the actual learning end year (Actual_End_Year); or • the expected learning end year (Expected_End_Year); or • the reporting year whichever is higher.
Start_Year	The start year of the learning aim (20__).		Derived	Set to the value of the first calendar year of the funding period the Learning Start Date falls in. For example, if the Learning Start Date falls within the 2022 to 2023 funding year, Start_Year is set to 2022.
Pilot_Excl	Indicates that the learning aim is learning technologies pilot aim or an 18-21 work skills pilot aim. Learning technologies pilot and	0 or 1	Derived	Set to 1 if any of the Learning Delivery Monitoring Codes is 332, 337 or 341 (18-21 Work Skills Pilot, Learning Technologies pilots-online learning or 18-21 Work Skills Pilot - Black Country) otherwise set to 0.

Data item	Description	Data values	Source (ILR)	Derivation
	work skills pilot aims are not included in QAR.			
Plan_Break_Overall_Excl	For the overall QAR measure, this indicates that the learner is on a planned break. Planned break aims are not included in QAR.	0 or 1	Derived	Set to 1 if: <ul style="list-style-type: none"> Completion_Status is 6 (break in learning); Overdue_Plan_Break = 0; and the Learning Actual End Date is no later than 31 July 2023 Otherwise set to 0.
PrimaryLLDD	The primary learner disability, learning difficulty or and heath problem of the learner.		ILR standard files	Set to LLDDCat where PrimaryLLDD is 1.
PriorAttain	The learner's prior attainment level.		ILR standard files	Set to Prior Attainment .
ProgType	The type of programme which the learner is		ILR standard files	Set to ProgType .
Provision_Type	Identified as education and training learning aim	ET	Derived	Set to ET if: <p>The learning aims chosen from the ILR are those where:</p> <ul style="list-style-type: none"> the Aim Type is not 1 (Programme aim); and the Programme Type is not 2, 3, 10, 20, 21, 22, 23, 24 or 25 (Advanced level apprenticeship, Intermediate Level Apprenticeship, Higher Apprenticeship, Higher Apprenticeship – level 4, Higher Apprenticeship – level 5, Higher Apprenticeship – level 6, Higher Apprenticeship – level 7+, traineeship, Apprenticeship standard respectively)

Data item	Description	Data values	Source (ILR)	Derivation
Qualification_Type	A grouping of aims, based on the QCF sizes of 'unit', 'award', 'certificate' and 'diploma', used to categorise learning aims.		Derived	For further detail, see later section Calculating the Qualification_Type field in the QAR dataset for how we derive Qualification_Type .
QAR_Status_Overall	Indicates whether or not the record is included in the provider's education and training overall qualification achievement rate calculations.	QAR Exclusions		Set to 'QAR Exclusions' if the aim is not included in overall QAR calculations. Otherwise set to 'QAR Inclusions'. For most excluded aims, a specific exclusion flag will also be set.
Report_Level	Derived from NotionalNVQLevel		LARS data	Set to 'Entry and Level 1' if the Notional NVQ Level Code is either 1 or E. Set to 'Level 2' if the Notional NVQ Level Code is 2. Set to 'Level 3' if the Notional NVQ Level Code is 3. Set to 'Level 4 or Higher' if the Notional NVQ Level Code is 4, 5 or H. Set to 'Level Unknown' if the Notional NVQ Level Code is M, U or X.
Restart_Indicator	Indicates whether the learner restarted the learning aim.	0 or 1	ILR standard files	Set to D_Restart .
SectorSubjectAreaTier1	Sector subject area – the broad (tier 1) classification of the subject of the learning aim.		LARS data	Set to SectorSubjectAreaTier1 for the learning aim, from the LARS data file.
SectorSubjectAreaTier2	The more specialised classification (tier 2) of the subject of the learning aim.		LARS data	Set to SectorSubjectAreaTier2 for the learning aim, from the LARS data file.
Sex	The learner's sex.	F or M	ILR standard files	Set to Sex .

Data item	Description	Data values	Source (ILR)	Derivation
Subcontractor_Name	The subcontractor's name.		ILR 2022/2023 provider details file	The name of the subcontracting provider, from the ILR 2022 to 2023 provider details file.
Subcontractor_UKPRN	The UKPRN of the partner provider that delivered the learning aim. The subcontractor UKPRN is not entered in the ILR for most 16 to 19 year-old provision.		ILR standard files	Set to the Subcontracted or Partnership UKPRN .
Map_Code	A code used to group learning aims together in a data for the purpose of analysis and benchmarking.		LARS data file or derived	Set to MapCode for the learning aim, from the LARS data file, if a MapCode is populated for the learning aim. Otherwise set to LearnAimRef for the learning aim from the LARS data file.
Map_Code_Desc	Map-code description		LARS data file or derived	Set to MapCodeDesc for the learning aim, from the LARS data file, if a MapCode is populated for the learning aim. Otherwise set to LearnAimRefTitle for the learning aim from the LARS data file.
Sup_Intern_Excl	Indicates that the learning aim is a Supported Internship. Supported Internships are not included in QAR.	0 or 1	Derived	Set to 1 if the Learning Aim Reference is 'Z0002347'. Otherwise set to 0.
Software_Supplier_Aim_ID	The software supplier's aim identifier of the aim.		ILR standard files	Set to SWSupAimID .

Data item	Description	Data values	Source (ILR)	Derivation
Transfer_Overall_Excl	For the overall QAR measure, this indicates that the learner has transferred to another learning aim within the same provider. Transfer aims are not included in QAR.	0 or 1	Derived	<p>Set to 1 if:</p> <ul style="list-style-type: none"> (Completion_Status is 3 (The learner has withdrawn from the learning activities leading to the learning aim), the Withdrawal Reason is 40 (Learner has transferred to a new learning aim with the same provider) and a later record exists with a Learning Start Date no more than 120 days after the Learning Actual End Date of the aim with a matching ULN and UKPRN), or (Completion_Status is 3 and Withdrawal Reason is 7 or 41), or (WithdrawalReason is 47 and an Education and Training aim exists with a Learning Start Date no more than 30 days after the Learning Actual End Date of the original aim matching ULN and a different UKPRN); and the Learning Actual End Date is no later than 31 July 2023 <p>Otherwise set to 0.</p>
UKPRN	UK provider reference number (UKPRN)		ILR standard files	Set to UK Provider Reference Number .
UKPRN_Orig	The UKPRN for the learning aim before the college merger process was applied to a provider's data.		Derived	Further detail on college structural change can be found in the QAR business rules
ULN	Unique learner number		ILR standard files	Set to Unique Learner Number .
Withdrawal_Reason	The reason learning ended.		ILR standard files	Set to Withdrawal Reason .

Data item	Description	Data values	Source (ILR)	Derivation
Work_Exp_Excl	Indicates that the learning aim is a work experience or work placement aim. Work experience and work placement aims are not included in QAR.	0 or 1	Derived	Set to 1 if the Learning Aim Reference is 'Z0007834' to 'Z0007838' or 'ZWRKX001' to 'ZWRKX009'. Otherwise set to 0.
Year	The current funding year for the QAR dataset.	2022/23	Derived	Set to '2022/23'.
YearAimSubmitted	The funding year which the aim was submitted in.		Derived	Set to: <ul style="list-style-type: none"> • '2018/19' if from the 2018 to 2019 ILR • '2019/20' if from the 2019 to 2020 ILR • '2020/21' if from the 2020 to 2021 ILR • '2021/22' if from the 2021 to 2022 ILR. • '2022/23' if from the 2022 to 2023 ILR • '2023/24' if from the 2023 to 2024 ILR

Calculating the Qualification_Type field in the QAR dataset

We derive Qualification_Type from the LearnAimRef, LearnAimRefType, BasicSkillsType, MapCode, RegulatedCreditValue, and CreditBasedFwkType fields held on the LARS data file.

The Qualification_Type derivation of 'Award', 'Certificate' and 'Diploma' include qualifications of equivalent size based on **RegulatedCreditValue** as detailed below.

For aims where **CreditBasedFwkType** is 1, 2 or 3 and **RegulatedCreditValue** is not zero, **Qualification_Type** is set as follows:

- set to 'Basic Skills Maths and English' if **BasicSkillsType** is 29 or 30
- set to 'GCSE Maths and English' if **BasicSkillsType** is 33 or 34
- set to 'ESOL' if **BasicSkillsType** is 36, 37, 38, 39, 40, 41 or 42
- set to 'QCF unit' if **LearnAimRefType** is 1448 (QCF Unit) and **BasicSkillsType** is not 29, 30, 33, 34, 36, 37, 38, 39, 40, 41 or 42
- set to 'Award' if **RegulatedCreditValue** is 1 to 12, **LearnAimRefType** is not 1448 and **BasicSkillsType** is not 29, 30, 33, 34, 36, 37, 38, 39, 40, 41 or 42
- set to 'Certificate' if **RegulatedCreditValue** is 13 to 36, **LearnAimRefType** is not 1448 and **BasicSkillsType** is not 29, 30, 33, 34, 36, 37, 38, 39, 40, 41 or 42
- set to 'Diploma' if **RegulatedCreditValue** is 37 or more, **LearnAimRefType** is not 1448 and **BasicSkillsType** is not 29, 30, 33, 34, 36, 37, 38, 39, 40, 41 or 42

For aims where CreditBasedFwkType:

- is -1 or -2; or
- is 1, 2 or 3 and the **RegulatedCreditValue** is less than 1, 0 or blank; or
- has no value

Qualification_Type is set as follows:

- set to 'Access to HE' if **LearnAimRefType** is 1440 or 1460
- set to 'A Level' if **LearnAimRefType** is 0002, 1413, 1414, 1415, 1417, 1418, 1430, 1431, 1434, 1435 or 1453
- set to 'AS Level' if **LearnAimRefType** is 0001, 1416, 1432 or 1433
- set to 'Basic Skills Maths and English' if **BasicSkillsType** is 01, 02, 19, 20, 21, 23, 29 or 30 and **LearnAimRefType** is not 0001, 0002, 0003, 1081, 1401, 1413, 1414, 1415, 1416, 1417, 1418, 1422, 1430, 1431, 1432, 1433, 1434, 1435, 1440, 1441, 1442, 1443, 1444, 1448, 1453, 1460 or 2999
- set to 'Diploma' if **LearnAimRefType** is 1401, 1441, 1442, 1443 or 1444

- set to 'ESOL' if **BasicSkillsType** is 22, 26, 27, 28, 36, 37, 38, 39, 40, 41, 42 and **LearnAimRefType** is not 0001, 0002, 0003, 1081, 1401, 1413, 1414, 1415, 1416, 1417, 1418, 1422, 1430, 1431, 1432, 1433, 1434, 1435, 1439, 1440, 1441, 1442, 1443, 1444, 1448, 1453, 1460 or 2999
- set to 'GCSE Maths and English' if **LearnAimRefType** is 0003, 1081, 1422 or 2999 and **MapCode** is B1220137 (English language) or B0220076 (mathematics)
- set to 'GCSE Maths and English' if **BasicSkillsType** is 33 or 34 and **LearnAimRefType** is not 0001, 0002, 1401, 1413, 1414, 1415, 1416, 1417, 1418, 1430, 1431, 1432, 1433, 1434, 1435, 1440, 1441, 1442, 1443, 1444, 1448, 1453 or 1460
- set to 'GCSE Other' if **LearnAimRefType** is 0003, 1081, 1422 or 2999 and **MapCode** is not B1220137 (English language) or B0220076 (mathematics)
- set to 'QCF unit' if **LearnAimRefType** is 1448
- set to 'Award' if **LearnAimRefType** is 1452
- set to 'Certificate' if **LearnAimRefType** is 0009, 0016, 0028, 0030, 0031, 0065, 0073, 0084, 0086, 0128, 1424, 1446 or 1455
- set to 'Diploma' if **LearnAimRefType** is 0006, 0017, 0024, 0029, 0032, 0059, 0060, 0071, 0111, 0117, 0125, 1423, 1425, 1426, 1428 or 9007

For aims where **CreditBasedFwkType**:

- is -2, X, -1, NA; or
- is 1, 2 or 3 and the **RegulatedCreditValue** is less than 1, 0 or blank; or
- has no value

Qualification_Type is set as follows:

- set to 'Other Reg' if **LearnAimRefType** is 1328 or 1436; or the first character of **LearnAimRef** is 1, 5, 6 or Q; or the first 4 characters of **LearnAimRef** are 'CUNA', 'ZUNA', 'ZUQA' or 'ZUXA'

For any learning aim not classified using the rules above, set to 'Other Non-Reg'.

Calculating the hybrid end year

To understand the logic that hybrid end year uses, it is important to highlight the key QAR derived variables that we use to calculate the hybrid end year, and then how we use these in the calculation. The following examples relate to the 2022 to 2023 QAR data set and we refer to this as the current QAR.

The key derived variables are:

- Actual End Year – this is the same as Actual_End_Year
- Planned End Year – this is the same as Expected_End_Year
- Reporting Year – this refers to the academic year you submitted the learning aim to us. If the academic year is after the current QAR year, then we set this variable to 2022.5 (for example, if you report the learning aim in 2023 to 2024)
- Overdue Continuing Aim – this is the same as Overdue_Continuing_Aim
- Overdue Planned Break – this is the same as Overdue_Planned_Break
- Year First Reported Completed – this refers to the academic year you first reported the record with a Completion status of code 2 ('Complete') or 3 ('Withdrawn'). If the academic year you first reported the record with a Completion status of code 2 or 3 is after the current QAR year, then we set this variable to 2022.5 (for example, if you report the learning aim in 2023 to 2024)

We then implement 2 steps to calculate the hybrid end year:

Step 1

We assign all records an initial value in step 1, based on the Actual End Year (Actual_End_Year) and Planned End Year (Expected_End_Year) derived variables. The table below explains the conditions we use to set the values. If the data does not meet the first condition, then we apply the second condition. If the data does not meet the second condition, then we apply the third condition.

Condition	Outcome	Example
If the actual end year is unpopulated...	...we set hybrid end year to 2022.5.	
If the planned end year is greater than or equal to the actual end year...	...we set hybrid end year to equal the planned end year.	The planned end date is 31/08/2022. The actual end date is 30/05/2022. The planned end year is 2022. The actual end year is 2021. 2022 is greater than 2021, so the hybrid end year is set to 2022.
Else...	...we set hybrid end year to equal the actual end year.	

Step 2

We use the output from step 1 for step 2, when we account for the other derived variables.

Condition	Outcome	Example
If the record is marked as an overdue continuing aim...	...we set the hybrid end year to the maximum value recorded in the actual end year, planned end year and reporting year derived variables.	The record is marked as an overdue continuing aim, the reporting year is 2020, the actual end year is unpopulated and the planned the planned end year is 2022. The hybrid end year is set to 2022.
If the record is marked as an overdue planned break and the hybrid end year from step 1 is after the current QAR year...	...we set the hybrid end year to 2022.5.	
If the record is marked as an overdue planned break and the hybrid end year from step 1 is not after the current QAR year...	...we set the hybrid end year to the hybrid end year from step 1 plus one year.	The record is marked as an overdue planned break, the planned end year is 2021 and the actual end year is 2020. The hybrid end year from step 1 is 2021, the hybrid end year in step 2 is set to 2021 plus one year, so the hybrid end year is set to 2022.

If the year first reported completed is after the hybrid end year from step 1...	...we set the hybrid end year to equal the first year reported complete.	The planned end year is 2021, the actual end year is 2020, the year first reported complete is 2022. The hybrid end year from step 1 is 2021, the year first reported complete is after this, so the hybrid end year is set to 2022.
Else...	...hybrid end year is set to the value from step 1.	

Further examples

The following table gives some more examples using the steps given above.

Key criteria	Hybrid end year and explanation
<ul style="list-style-type: none"> Planned end date = 20/05/23 Actual end date (AED) = 20/05/22 AED first reported in 2020/23 	2022/23 – because the later of the 3 dates is in the 2022 to 2023 funding year.
<ul style="list-style-type: none"> Planned end date = 20/05/23 Actual end date = 25/07/23 AED first reported in 2020/23 	2022/23 – because the later of the 3 dates is in the 2022 to 2023 funding year.
<ul style="list-style-type: none"> Planned end date = 20/06/23 Actual end date = 25/07/23 AED first reported in R04 2023/24 rather than occurring in 2022/23 	2023/24 – because the later of the 3 dates is in the 2023 to 2024 funding year.
<ul style="list-style-type: none"> Planned end date = 20/08/23 Actual end date = 25/07/23 AED first reported in 2021/23 	2023/24 – because the later of the 3 dates is in the 2023 to 2024 funding year.
<ul style="list-style-type: none"> Planned end date = 20/05/23 Actual end date = 25/07/23 AED first reported in 2020/23 AED then corrected to a month earlier in R04 2023/24 to 25/06/23 	2022/23 – because the later of the 3 dates is in the 2023 to 2023 funding year. The actual end date was first reported in 2022 to 2023, so we discount the second instance that was reported in 2023 to 2024



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