

**Office for
Students**



2023-24 Individualised Learner Record (ILR) data checking tool

**2023-24 Quality control technical document
and rebuild instructions**

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Summary

1. This document describes the algorithms applied to the 2023-24 Individualised Learner Record (ILR) data to build the tables in the ILR quality control data summary. These data summary tables are provided to help providers identify potential data errors and reduce the numbers of key fields within ILR data that have unknown values, issues with continuity or issues with credibility, all of which will affect our onward uses of the data. Throughout the document, fields taken or derived from the ILR are shown in capitals.
2. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to have a copy of the ILR specification for 2023-24 (<https://guidance.submit-learner-data.service.gov.uk/23-24/ilr>) to hand when using this document.
3. The ILR quality control data summary is formed of two files. These are:
 - a. ILR quality control data summary workbook 'QC23_AAA_XXXXXXXX.xlsx'
 - b. ILR quality control data summary individualised file 'QC23_AAA_XXXXXXXX_IND.csv'where XXXXXXXX is your provider's UK Provider Reference Number (UKPRN), and AAA identifies the output type as listed in Table 1.

Table 1: Filename abbreviations used in the ILR quality control outputs

| File abbreviation | Source of outputs |
|-------------------|----------------------------|
| DCT | Data checking tool |
| AST | Amendments submission tool |
| PCO | Post-collection outputs |

4. We will document any changes or corrections to the algorithms in this document on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/ under 'Updates').

ILR quality control data summary workbook

5. The ILR quality control data summary workbook is the Excel workbook QC23_AAA_XXXXXXXX.xlsx which contains the following worksheets:

Table 2: Worksheets in the quality control data summary workbook

| Worksheet* | Title |
|--------------------------|---|
| Coversheet | |
| HE populations | Higher education populations |
| Modes and qualifications | Modes of study and qualifications |
| Unknowns | Fields returned as unknown or missing |
| Credibility | Credibility checks |
| HE learning aims | Summary of higher education learning aims |
| Continuity | Continuity checks |

*This worksheet reference corresponds to the spreadsheet tabs.

ILR quality control data summary individualised file

6. When working through this document it is necessary to use the individualised file, QC23_AAA_XXXXXXXX_IND.csv. The individualised file contains the values of all fields used to generate the data summary tables.
7. The fields we use from the ILR return are associated with a course, identified by its learning aim reference (LEARNAIMREF); a learner may study multiple courses. We will use the generic term 'record' in this technical document and the quality control data summary workbook to refer to one row of data in the individualised file which corresponds to a learner-course combination.

Changes from the 2022-23 ILR quality control data summary outputs

8. This section describes any changes to the algorithms since the equivalent document was published for the 2022-23 ILR Data checking tool (www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/documentation-archive/).
9. There have been a small number of changes to the rebuild algorithms in Table 4: 'HE records by qualification type', Table 5: 'Summary of fields returned as unknown or missing', and Table 6: 'Credibility checks' in the quality control data summary workbook. The rebuild algorithms for each of these checks are provided in the workbook tables. The changes are as follows:
 - a. Table 4 has been updated to reflect the changes made in the last update of the OFSQAIM algorithm, published in the HESES 23 Courses table information (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). A new category for qualification types PhD and MPhil, OFSQAIM = PHD, has been added.
 - b. Table 5 check 5: Code 98 'any other ethnic group' has been removed from this check. This check now only looks for records returned with code 99 'not provided.'
 - c. Two new checks have been added to Table 5. These are check 11, 'Percentage taught on LDCS not populated', and check 12, 'Percentage taught on LDCS is populated, but no LDCS code has been returned.' The rest of the checks in the table have been renumbered as necessary.
 - d. The existing check in Table 5, 'Percentage taught on LDCS very low' has been updated to only check for low values of percentage taught on LDCS. Checks for blank percentage taught on LDCS have been separated out into the new check 11 above.
 - e. One new check has been added to Table 6. This is check 20, 'At least one LDCS code has been returned, and the taught percentages across LDCS codes for a record do not sum to 100%.'

Fields used in the quality control algorithms

10. The ILR and Learning Aims Reference Service (LARS) fields used to generate the quality control data summary are listed in Table 3.

Table 3: ILR and LARS fields used in the ILR quality control data summary

| Data source | Field | Description |
|-----------------------|------------------------------|---|
| ILR | AIMSEQNUMBER ¹ | Learning aim data set sequence |
| ILR | COMPSTATUS | Completion status |
| ILR | DOMICILE | Country of domicile |
| ILR | ETHNICITY | Ethnicity |
| ILR | FUNDMODEL | Funding model |
| ILR | GROSSFEE | Gross tuition fee |
| ILR | HEPOSTCODE | HE centre location postcode |
| ILR | LEARNACTENDDATE | Learning actual end date |
| ILR | LEARNAIMREF | Learning aim reference |
| ILR | LEARNDELFAMCODE ² | The value of the funding or monitoring attribute |
| ILR | LEARNDELFAMTYPE ² | The type of funding or monitoring attribute |
| ILR | LEARNREFNUMBER | Learner reference number |
| ILR | LEARNSTARTDATE | Learning start date |
| ILR | LLDDHEALTHPROB | The nature of the learner's disability, learning difficulty and/or health problem |
| ILR | MODESTUD | Mode applicable to HESES |
| ILR | MSTUFEE | Major source of tuition fees |
| ILR | OUTCOME | Indicates whether the learner achieved the learning aim |
| ILR | OUTGRADE | The examination grade awarded to the learner for the learning aim |
| ILR | PARTNERUKPRN | Subcontracted or partnership UKPRN |
| ILR (LDCS Collection) | PCFLDCS, PCSLDCS, PCTLDCS | Proportion taught in LDCS_CO1 – LDCS_CO3 subject |
| ILR | PCOLAB | Percentage not taught by this institution |
| ILR | POSTCODEPRIOR | Postcode prior to enrolment |

¹ These fields are not used in the algorithms but are included in the individualised file to allow easy identification of students.

² The only values of LEARNDELFAMTYPE and LEARNDELFAMCODE field used in the data quality algorithms are those where LEARNDELFAMTYPE = SOF.

| Data source | Field | Description |
|-------------|------------------------------|---|
| ILR | PRIMARYLLDD | The most significant or primary learning difficulty, disability or health problem that impacts on the learner's education |
| ILR | PROGTYPE | The type of programme which the learner is undertaking |
| ILR | QUALENT3 | Qualification on entry |
| ILR | SPECFEE | Special fee indicator |
| ILR | SSN | Student Support Number |
| ILR | STULOAD | Student instance full-time equivalence (FTE) |
| ILR | TYPEYR | Type of instance year |
| ILR | UKPRN | UK provider reference number |
| ILR | WITHDRAWREASON | Withdrawal reason |
| ILR | YEARSTU | Year of student on this instance |
| LARS | CATEGORY ³ | Category code of learning aim |
| LARS | ENGLPRSCID | Identifies prescribed higher education learning aims, as defined by the Education (Prescribed Courses of Higher Education) (Wales) (Amendment) Regulations 1998 |
| LARS | LDCS_CO1, LDCS_CO2, LDCS_CO3 | Learning directory classification system codes |
| LARS | LEARNAIMREFTITLE | Learning aim reference title |
| LARS | NOTIONALNVQLEVELV2 | The detailed learning aim level on the NVQ scale |

³ A learning aim may have multiple values of CATEGORY. The only value of CATEGORY used in the data quality algorithms is category code 55, 'Higher Technical Qualification.'

Description of derived fields

11. The derived fields used to generate the quality control data summary are listed in Table 4.
12. OFSQAIM is derived using the algorithms documented in 'HESES23 Course table information', available on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). The algorithm for OFSQAIM will be updated and republished the week commencing 26 August 2024.
13. A number of the derived fields described below will be calculated for both the 2022-23 and the 2023-24 ILR data. The suffix 'YY' will be used in the name of these derived fields, where 'YY' signifies that the field is based on the data from the academic year 20YY-YY+1.

Table 4: Description of derived fields for recreating tables

| Derived field name | Description | Paragraph |
|------------------------------|--|-----------|
| AIMSEQNUMBER22 | AIMSEQNUMBER in 2022-23 ILR | 41 |
| ANNIV | Anniversary of start date | 26 |
| COMPSTATUS22 | COMPSTATUS in 2022-23 ILR | 42 |
| HTQFLAG | Learning aim is a Higher Technical Qualification | 28 |
| LEARNACTENDDATE22 | LEARNACTENDDATE in 2022-23 ILR | 43 |
| LEARNSTARTDATE22 | LEARNSTARTDATE in 2022-23 ILR | 44 |
| LEARNDELFAM_SOF1 | Source of funding | 27 |
| NOTIONALNVQLEVELV2_22 | NOTIONALNVQLEVELV2 in 2022-23 ILR | 45 |
| OFSQAIM | Broad category of higher education | NA |
| OUTCOME22 | OUTCOME in 2022-23 ILR | 46 |
| QCAYDAYSSTUDIED | Number of days studied within the academic year | 34 |
| QCCAH3_1, QCCAH3_2, QCCAH3_3 | CAH3 code(s) mapped to fields LDCS_CO1 to 3 | 37 |
| QCDEDUP22 | Derived field for deduplicating 2022-23 ILR data in the individualised file | 40 |
| QCDUPOUTCOME | Duplicate outcomes for a single programme of study indicator | 52 |
| QCENDDATE | Last day of activity in 2023-24 | 33 |
| QCEXCL1-16_YY | Individual QC population exclusions for the 20YY-YY+1 data | 19-23 |
| QCEXCLYY | Reason(s) for exclusion from the 20YY-YY+1 population | 24 |
| QCHEENTITYFLAG | Identifies learners that meet the definition to be returned in the learner HE entity | 29 |
| QCHEENTITYPOP | Identifies records where the learner HE entity has been at least partially completed | 30 |

| Derived field name | Description | Paragraph |
|---------------------------|--|-----------|
| QCJACS1, QCJACS2, QCJACS3 | JACS code(s) mapped to fields LDCS_CO1 to 3 | 36 |
| QCLINKCAT | Linking category for the record | 39 |
| QCLINKED | Identifies records successfully linked between 2022-23 and 2023-24 ILR data | 38 |
| QCMODE | Mode of study for workbook Table 3 | 32 |
| QCOMMITTED | Learners that did not end their study in 2022-23, but are not returned 2023-24 | 50 |
| QCPOP23 | Population from 2023-24 ILR data on which most quality control checks will be focussed | 31 |
| QCSOURCEYY | Identifies records that contain data from the 20YY-YY+1 ILR | 18 |
| QCYEARSTUERR | Identifies where year of study has not been incremented between years | 51 |
| UKPRN22 | UKPRN in 2022-23 ILR | 47 |
| WITHDRAWREASON22 | WITHDRAWREASON in 2022-23 ILR | 48 |
| YEARSTU22 | YEARSTU in 2022-23 ILR | 49 |

Linking between years

14. We link the 2023-24 ILR data back to the 2022-23 ILR data to check the consistency of data reporting between years. The individualised file will therefore contain data from both the 2023-24 and the 2022-23 ILR returns. For brevity, only higher education records from 2022-23 will be included in the linking process and the individualised file (NOTIONALNVQLEVELV2 = ('4','5','6','7','8','H')).
15. Before linking the 2023-24 and 2022-23 ILR data, the exclusion fields QCEXCL1_YY to QCEXCL16_YY will be calculated on each year's data. Any 2022-23 data meeting an exclusion reason (QCEXCL22 > 0) will be excluded from the linking process. Any 2023-24 data meeting exclusion reason QCEXCL1_23, QCEXCL4_23 or QCEXCL8_23 will also be excluded from the linking process.
16. A programme of study is linked between years by matching on LEARNREFNUMBER, LEARNAIMREF and LEARNSTARTDATE. Where there are multiple aims within the same year which have the same combination of LEARNREFNUMBER, LEARNAIMREF and LEARNSTARTDATE, we will link as follows:
 - a. Where a single record in 2022-23 data has multiple matches in the 2023-24 data, it will be linked to all 2023-24 records.
 - b. If a single record in the 2023-24 data has multiple potential matches in the 2022-23 data then a single match will be picked after sorting the 2022-23 records. The potential 2022-23 matches will be sorted by LEARNACTENDDATE, from most recent to least recent with blank LEARNACTENDDATES first, then by descending YEARSTU. The topmost 2022-23 record will be selected as the match, and the remaining 2022-23 records will not be matched.

- c. If there are multiple records with the same set of LEARNREFNUMBER, LEARNAIMREF and LEARNSTARTDATE in both years of data, then both sets will be sorted by LEARNACTENDDATE, from most recent to least recent with blank LEARNACTENDDATEs first, then by descending YEARSTU. Records will then be matched by their position in the sort order, with the topmost record in 2023-24 being matched to the topmost record in 2022-23 and so on, until we run out of matches.

17. The 2022-23 ILR data that we link back to will contain all amendments that have been signed off and incorporated into our systems at the point your data is uploaded to the ILR data checking tool.

QCSOURCEYY

18. This field identifies those records that contain data from the 20YY-YY+1 ILR.

| Value | Description |
|-------|---|
| 1 | Record contains data from the 20YY-YY+1 ILR |
| 0 | Otherwise |

QCEXCL1_YY

19. This field identifies records in the 20YY-YY+1 ILR data that start after the 20YY-YY+1 academic year.

| Value | Description | Definition |
|-------|-------------|----------------------------------|
| 1 | Excluded | LEARNSTARTDATE ≥ 1 August 20YY+1 |
| 0 | Included | Otherwise |

QCEXCL2_YY

20. This field identifies records in the 20YY-YY+1 ILR data that finish before the 20YY-YY+1 academic year.

| Value | Description | Definition |
|-------|-------------|---|
| 1 | Excluded | LEARNACTENDDATE < 1 August 20YY and LEARNACTENDDATE ≠ BLANK |
| 0 | Included | Otherwise |

QCEXCL4_YY

21. This field identifies records in the 20YY-YY+1 data that have been closed to correct an incorrect LEARNPLANENDDATE.

| Value | Description | Definition |
|-------|-------------|---------------------------------|
| 1 | Excluded | COMPSTATUS = 4 ⁴ and |

⁴ ILR records returned to the ESFA with COMPSTATUS = 3 and WITHDRAWREASON = 40 will have the value of COMPSTATUS changed to 4 by the ESFA. This change is replicated by the OfS.

| Value | Description | Definition |
|-------|-------------|--|
| | | WITHDRAWREASON = 40 and LEARNACTENDDATE = 1 August 20YY |
| 0 | Included | Otherwise |

QCEXCL8_YY

22. This field identifies the higher education records in the 20YY-YY+1 data.

| Value | Description | Definition |
|-------|--|---|
| 0 | Included – learning aim is at higher education level | LEARNAIMREF ≠ ZPROG001 and NOTIONALNVQLEVELV2 = (4, 5, 6, 7, 8, H) |
| 1 | Excluded | Otherwise |

QCEXCL16_22

23. This field identifies records in the 2022-23 data where the learner has withdrawn from the learning aim. Applied to the 2022-23 data only.

| Value | Description | Definition |
|-------|-------------|--|
| 1 | Excluded | QCSOURCE22 = 1 AND WITHDRAWREASON22 ≠ 0 |
| 0 | Included | Otherwise |

QCEXCLYY

24. This field indicates whether the record will be included in the population for building the summary tables in the quality control workbook. QCEXCLYY is the sum of all applicable values from the table below.

| Value | Description | Definition |
|-------|---|-------------------|
| 1 | Record from 20YY-YY+1 that starts after academic year 20YY-YY+1 | QCEXCL1_YY = 1 |
| 2 | Record from 20YY-YY+1 that ends before academic year 20YY-YY+1 | QCEXCL2_YY = 1 |
| 4 | Record closed to correct LEARNPLANENDDATE | QCEXCL4_YY = 1 |
| 8 | Record is not of higher education | QCEXCL8_YY = 1 |
| 16 | Learner has withdrawn from learning. For 2022-23 data only | QCEXCL16_22 = 1 |
| 0 | Otherwise | None of the above |

25. This field contains the exclusion reason(s) for the record. It is calculated as $(1 \times \text{QCEXCL1_YY}) + (2 \times \text{QCEXCL2_YY}) + (4 \times \text{QCEXCL4_YY}) + \dots$

ANNIV

26. This field contains the anniversary of the start date (LEARNSTARTDATE) during the current academic year.

LEARNDELFAM_SOF1

27. This field contains the value of LEARNDELFAMCODE where LEARNDELFAMTYPE = SOF.

HTQFLAG

28. This field identifies those learning aims which are a Higher Technical Qualification, because a CATEGORY field with value 55 has been found for the aim. This field is only calculated for data from 2023-24.

| Value | Description | Definition |
|-------|--|--|
| 1 | Learning aim is a Higher Technical Qualification | QCSOURCE23 = 1 and a CATEGORY code of 55 was found for this learning aim |
| 0 | Learning aim is not a Higher Technical Qualification | QCSOURCE23 = 1 and not above |

QCHEENTITYFLAG

29. This field identifies those records in the 2023-24 ILR data for which the Learning Delivery HE entity is mandatory. Providers should refer to the 'ILR Specification 2023 to 2024 Validation Rules' for the full ESFA validation rules (<https://guidance.submit-learner-data.service.gov.uk/23-24/ilr/appendices>).

| Value | Description | Definition |
|-------|--|---|
| 1 | Learning aim is OfS funded. | QCSOURCE23 = 1 and LEARNDELFAM_SOF1 = 1 and FUNDMODEL = 99 |
| 1 | Provider is registered with the OfS and the learning aim is: <ul style="list-style-type: none">Funded by 16-19 funding (FundModel 25), adult skills funding (FundModel 35) or is not funded by the ESFA (FundModel 99)Level 4 or above in the LARS dataNot part of an apprenticeship | Provider is registered with the OfS and QCSOURCE23 = 1 and FUNDMODEL = (25, 35, 99) and NOTIONALNVQLEVELV2 = (4, 5, 6, 7, 8, H) and PROGTYPE ≠ (2, 3, 20, 21, 22, 23, 25) |
| 1 | Provider is registered with the OfS and the learning aim is: <ul style="list-style-type: none">part of a higher apprenticeship programme (ProgType 20-23, 25)identified as prescribed HE in the LARS database (using the EngIPrscID field) | Provider is registered with the OfS and QCSOURCE23 = 1 and PROGTYPE = (20, 21, 22, 23, 25) and ENGLPRSCID = (1, 2) |
| 0 | 2023-24 records for which the Learning Delivery HE entity is not mandatory. | QCSOURCE23 = 1 and not above |

QCHEENTITYPOP

30. This field identifies records in the 2023-24 ILR data where there is evidence that data has been returned on the Learning Delivery HE entity, based on the completion of one or more of the mandatory Learning Delivery HE entity fields.

| Value | Description | Definition |
|-------|---|---|
| 1 | Data has been returned on the Learning Delivery HE entity | QCSOURCE23 = 1 and (TYPEYR ≠ BLANK or MODESTUD ≠ BLANK or YEARSTU ≠ BLANK or MSTUFEE ≠ BLANK or SPECFEE ≠ BLANK) |
| 0 | Otherwise | Otherwise |

QCPOP23

31. This field identifies the population from the 2023-24 ILR data on which most of the quality control checks will be focused.

| Value | Description | Definition |
|-------|--|---|
| 1 | Population from the 2023-24 ILR data for most quality control checks | QCSOURCE23 = 1 and QCEXCL23 = 0 and QCHEENTITYPOP = 1 |
| 0 | Otherwise | Otherwise |

QCMODE

32. This field identifies the mode of study for Table 3 of the ILR quality control data summary workbook.

| Value | Description | Definition |
|-------|--|---|
| APPR | Apprenticeship | QCSOURCE23 = 1 and PROGTYPE = (2, 3, 20, 21, 22, 23, 25) |
| FT | Full-time (including sandwich year out), excluding apprenticeships | QCSOURCE23 = 1 and MODESTUD = (1, 2) and not above |
| PT | Part-time, excluding apprenticeships | QCSOURCE23 = 1 and not above |

QCENDDATE

33. This field holds the last day of study in the 2023-24 academic year, to be used in calculating the number of days studied in the 2023-24 academic year (QCAYDAYSSSTUDIED) and for checking that the year of study field in the 2023-24 data has been correctly incremented (QCYEARSTUERR).

| Value | Description | Definition |
|-----------------|---------------------------------|--------------------|
| LEARNACTENDDATE | LEARNACTENDDATE field completed | QCSOURCE23 = 1 and |

| Value | Description | Definition |
|--------------|--|------------------------------|
| | | LEARNACTENDDATE ≠ BLANK |
| 31 JULY 2024 | LEARNACTENDDATE field has not been completed | QCSOURCE23 = 1 and not above |

QCAYDAYSSTUDIED

34. This field determines the number of days studied in the 2023-24 academic year, calculated as the number of days between:

- a. LEARNSTARTDATE or 1 August 2023, whichever is later, and
- b. QCENDDATE

35. This field is only calculated for the 2023-24 ILR data (QCSOURCE23 = 1).

QCJACS1-3

36. This field shows the full four-digit Joint Academic Coding System (JACS) code that has been mapped to fields LDCS_CO1 to 3 respectively. Mapping is only applied to non-blank LDCS_COX fields. For details of this mapping, see the 'Subject code mappings for constructing student outcome and experience indicators' document on the OfS website, which was updated in March 2023 (www.officeforstudents.org.uk/publications/description-and-definition-of-student-outcome-and-experience-measures/). Only calculated for the 2023-24 data (QCSOURCE23 = 1).

QCCA3_1-3

37. This field shows which of the Common Aggregation Hierarchy level 3 (CAH3) codes has been mapped to fields QCJACS1 to 3 respectively, using the current version of the Common Aggregation Hierarchy. Mapping is only applied to non-blank QCJACS fields. Where we cannot map to a subject, we set QCCA3_X to CAH23-01-01. The mapping of JACS codes to the CAH3 codes can be found on the HESA website (<https://www.hesa.ac.uk/support/documentation/hecos/archive>).

Derived fields used in continuity checks

QCLINKED

38. This field identifies those records that have been successfully linked between the 2022-23 and 2023-24 ILR data, following the method described in 'Linking between years.'

| Value | Description |
|-------|---|
| 1 | The record has been linked between the 2022-23 and 2023-24 ILR data |
| 0 | Otherwise |

QCLINKCAT

39. This field categorises records in terms of how many non-excluded records with a matching set of LEARNREFNUMBER, LEARNAIMREF and LEARNSTARTDATE are found in each year of data. It can be used to help identify the linking approach taken for that particular record.

| Value | Description |
|-------|--|
| A | No match was made for this record |
| B | One record in 2023-24 with one match in 2022-23 |
| C | One record in 2023-24 with multiple matches in 2022-23 |
| D | One record in 2022-23 with multiple matches in 2023-24 |
| E | Multiple matching records in both years of data |
| BLANK | Record is excluded from the linking process |

QCDEDUP22

40. This field is used to de-duplicate the 2022-23 ILR data in the case that a single record in 2022-23 has been linked to multiple matching rows in the 2023-24 ILR data. Filtering to QCDEDUP22 = '1' will ensure that only one instance of each 2022-23 ILR record is selected.

| Value | Description |
|-------|--|
| 1 | The 2022-23 record is unique, or this is the first instance of a non-unique record |
| 0 | This record is a duplicate copy |

AIMSEQNUMBER22

41. This field contains the aim sequence number (AIMSEQNUMBER) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

COMPSTATUS22

42. This field contains the completion status (COMPSTATUS) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

LEARNACTENDDATE22

43. This field contains the learning actual end date (LEARNACTENDDATE) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

LEARNSTARTDATE22

44. This field contains the learning start date (LEARNSTARTDATE) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

NOTIONALNVQLEVELV2_22

45. This field contains the Notional NVQ level version 2 (NOTIONALNVQLEVELV2) for 2022-23. This is obtained using the linking method described 'Linking between years.'

OUTCOME22

46. This field contains the learning outcome for the learning aim (OUTCOME) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

UKPRN22

47. This field contains the UKPRN for 2022-23. This is obtained using the linking method described in 'Linking between years.' UKPRN and UKPRN22 will differ where providers have been involved in a merger or de-merger.

WITHDRAWREASON22

48. This field contains the withdrawal reason (WITHDRAWREASON) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

YEARSTU22

49. This field contains the year of student on this instance (YEARSTU) for 2022-23. This is obtained using the linking method described in 'Linking between years.'

QCOMMITTED

50. This field identifies 2022-23 records where the learner was recorded as continuing or intending to continue the learning aim, but no non-excluded record of the same learning aim has been found in the 2023-24 data for that learner.

| Value | Description | Definition |
|-------|--|--|
| 1 | Learners recorded as continuing or intending to continue in 2022-23, but the learner has not returned on the same aim in 2023-24 | QCSOURCE22 = 1 and QCEXCL22 = 0 and COMPSTATUS22 = 1 and QCLINKED = 0 and QCLINKCAT ≠ (C, E) |
| 0 | Otherwise | Otherwise |

QCYEARSTUERR

51. This field identifies 2023-24 records where the year of study (YEARSTU) field may be incorrect. It highlights records where the learner has continued on active study between 2022-23 and 2023-24, but the year of study has not been incremented as expected.

| Value | Description | Definition |
|-------|---|--|
| 1 | The record is linked between 2022-23 and 2023-24. The year of study has not been incremented as expected. | QCPOP23 = 1 and QCLINKED = 1 and COMPSTATUS22 = 1 and YEARSTU = YEARSTU22 and QCENDDATE > (ANNIV + 14) |
| 0 | Otherwise | Otherwise |

QCDUPOUTCOME

52. This field identifies learners that ended their study in 2022-23 and achieved their learning aim, but are returned as achieving the same learning aim in 2023-24 with a different end date.

| Value | Description | Definition |
|-------|--|--|
| 1 | Learner ended their study in 2022-23 and achieved their learning aim, but is returned as achieving the same aim in 2023-24 with a different end date | QCPOP23 = 1 and QCLINKED = 1 and OUTCOME22 = (1, 8) and OUTCOME = 1 and LEARNACTENDDDATE22 ≠ LEARNACTENDDDATE |
| 0 | Otherwise | Otherwise |

Rebuild instructions

53. The individualised file, QC23_AAA_XXXXXXXXX_IND.csv, can be used to interrogate the data and our calculation of derived fields by filtering to certain groups of records. Full details of how to access and use an individualised file are given on the OfS website (www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/).
54. The following instructions assume the user has the individualised file open in Microsoft Excel.
55. To apply filters to the column headings, highlight the headings. From the 'DATA' tab in the toolbar, select 'Filter'.
56. The figures in Tables 1 to 6 and Table 8 of the ILR quality control summary workbook, QC23_AAA_XXXXXXXXX.xlsx, can be rebuilt by following the rebuild algorithm tables provided in the workbook. These specify which filters need to be applied to the individualised data to find the relevant records. For example, to rebuild the number of full-time records in Table 3: HE records by mode of study, the column QCPOP23 should be filtered to 1 and the column QCMODE to 'FT.'
57. Table 7, the summary of higher education learning aims, is focused on course subject information. Only higher education courses with non-excluded learners in the 2023-24 ILR data will be included in the table. The courses included in the table can be found by filtering to QCPOP23 = 1. Each course will have up to three rows in Table 7, depending on the number of LDCS codes it has.



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