

**Office for  
Students**



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

**2023-24 Transparency attainment data  
summary technical document and rebuild  
instructions**

**Enquiries to** [DFAGateways@officeforstudents.org.uk](mailto:DFAGateways@officeforstudents.org.uk)

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# Summary

1. This document describes the algorithms applied to the 2023-24 Individualised Learner Record (ILR) submitted to the Education and Skills Funding Agency (ESFA) to determine a provider's Transparency attainment data.
2. The Transparency attainment data summary shows the number of UK-domiciled undergraduate qualifiers in the 2023-24 ILR data by qualification classification achieved, mode of study, ethnicity, sex, and English Index of Multiple Deprivation 2019.<sup>1</sup> It is formatted to mirror the output we will supply to providers post-collection to publish under condition F1 of the regulatory framework, with some minor changes expected to the post-collection output to include processes such as deduplication and year-on-year linking.
3. The file from the data checking tool must not be published and must only be used by higher education providers to verify and correct their 2023-24 individualised student data before submitting or signing off the final data with the ESFA.
4. Throughout the document, fields taken or derived from the ILR record are shown in capitals.
5. The Transparency attainment data summary is formed of two files. These are:
  - a. Transparency attainment data summary workbook  
'TR23\_Attainment\_DCT\_XXXXXXXX.xlsx'
  - b. Transparency attainment data summary individualised file  
'TR23\_Attainment\_DCT\_XXXXXXXX\_IND.csv'

where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider.

6. Details of how to use individualised files are given on the Office for Students (OfS) website.<sup>2</sup>
7. These files can be accessed from the '2023-24 Data checking tool' area of the OfS portal. Access details will be sent to the appropriate contacts at providers when the data checking tool is available.
8. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to refer to the 2023-24 ILR specification<sup>3</sup> when using this document.
9. Readers should refer to the 'Technical algorithms for student outcome and experience measures'<sup>4</sup> for definitions of field names referenced in the algorithms in this document with the prefix 'IP'.

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<sup>1</sup> For details of the transparency information, see 'Condition F1: Transparency information' at [www.officeforstudents.org.uk/publications/regulatory-framework-for-higher-education-in-england/](http://www.officeforstudents.org.uk/publications/regulatory-framework-for-higher-education-in-england/)

<sup>2</sup> See [www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/](http://www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/).

<sup>3</sup> See <https://guidance.submit-learner-data.service.gov.uk/23-24/ilr/overview>.

<sup>4</sup> See 'Technical algorithms for student outcome and experience measures', available at [www.officeforstudents.org.uk/publications/description-and-definition-of-student-outcome-and-experience-measures/](http://www.officeforstudents.org.uk/publications/description-and-definition-of-student-outcome-and-experience-measures/).

10. We will document any changes or corrections to the algorithms in this document on the 'Data checking tool' pages of the OfS website under 'Updates'.<sup>5</sup>

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<sup>5</sup> See [www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/](http://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/).

## Changes from previous publications

11. This is the first publication of these algorithms relating to 2023-24 data. Any changes after initial publication will be listed here.
12. This section also describes any changes to the algorithms since the equivalent was published for the 2022-23 algorithms in '2022-23 Transparency attainment data summary technical document and rebuild instructions' available from the 'Data checking tool documentation archive' section of the OfS website.<sup>6</sup>
13. The fields used to derive the Transparency attainment data summary have been reviewed to align with other OfS outputs where possible, whilst maintaining the overarching definitions relating to this output. Changes made are shown below. Any deletions are shown with a ~~strikethrough~~. Any other changes are shown as **bold and/or underlined**.

### TRAWARD\_DETAIL

14. The field has been renamed to IPAWARD\_DETAIL and the algorithm remains unchanged.

### TRAWARDLEVEL

15. The field has been renamed to IPAWARDLEVEL and the algorithm has been updated.

Value	Description	Definition
PHD	PhD and MPhil	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> in (PHD, HIGHER)
OPGR	Other postgraduate research	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> = OTHL7_Q_R
PGTM	Postgraduate taught masters'	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> = MASTER
PGCE	PGCE	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> = PGCE
OPGT	Other postgraduate taught	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> in (DTLLS_PG, OTHL7_Q, OTHL8_Q, PGCERT, PGDIP)
PUGD	Degrees including a postgraduate component	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> in (ENHANCED, MEDVETDENT)
PUGO	Other qualifications with a postgraduate component	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> = PROCONGRAD
PGCREDIT	Credit at a postgraduate level	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> in (OTHL7_CC, OTHL8_CC, OTHL7_U, OTHL8_U)
DEG	First degree	<del>TRAWARD_DETAIL</del> <b><u>IPAWARD_DETAIL</u></b> = FIRST

<sup>6</sup> See [www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/documentation-archive/](http://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/documentation-archive/).

Value	Description	Definition
OUG	Other undergraduate	<del>TRAWARD_DETAIL</del> <b>IPAWARD_DETAIL</b> in (CERTED, CET, CTLLS, DET, DIPHE, DTLLS, FOUDEG, HIGHCERT, HND, HNC, PTLLS, UNICERT, OTHL6_Q, OTHL5_Q, OTHL4_Q, OTHHE_Q, UGUNSPEC)
UGCREDIT	Credit at an undergraduate level	<del>TRAWARD_DETAIL</del> <b>IPAWARD_DETAIL</b> in (FDBC, OTHL4_CC, OTHL5_CC, OTHL6_CC, OTHL4_U, OTHL5_U, OTHL6_U, OTHHE_CC, OTHHE_U)
NONE	No qualification	<b>IPAWARD_DETAIL</b> in (NONE, NA)
FE	Not higher education	<del>TRAWARD_DETAIL</del> <b>IPAWARD_DETAIL</b> = FE

### TRCRSELGTH

16. The field has been replaced with IPCRSELGTH and the algorithm remains unchanged.

### TRMODE

17. The field has been replaced with IPMODE and the algorithm has been updated.

Value	Description	Definition
APP <b>APPR</b>	Apprenticeship	<del>PROGTYPE = 2, 3, 20, 21, 22, 23, 25</del> <b><u>IPAPPRENTICE = 1</u></b>
FT	Full-time	MODESTUD in (1, 2) or  (MODESTUD in (99, BLANK) and  ( <del>TR</del> <b>IP</b> CRSELGTH = 1 or  ( <del>TR</del> <b>IP</b> CRSELGTH ≥ 1 and  (( <del>TR</del> <b>IP</b> CRSELGTH ≤ 2 and <b>IP</b> OFSQAIM in (HIGHER, FIRST, FOUDEG, DIPHE, HND)) or  ( <del>TR</del> <b>IP</b> CRSELGTH ≤ 3 and <b>IP</b> OFSQAIM in (HIGHER, FIRST)) or  ( <del>TR</del> <b>IP</b> CRSELGTH ≤ 4 and <b>IP</b> OFSQAIM = ENHANCED))))))  and not above
PT	Part-time	Otherwise

## TRDOM

18. The algorithm of TRDOM has been updated. It has the same definition as LCDOM.<sup>7</sup> This does not affect the final output since IPPOSTCODE is the same as POSTCODEPRIOR for ILR records.

Value	Description	Definition
E	England	<p>DOMICILE = XF or</p> <p>(DOMICILE in (XJ, XK, GB) and            (POSTCODEPRIOR is in England or            ((POSTCODEPRIOR = BLANK or            POSTCODEPRIOR begins ZZ) and Provider in            England))) or</p> <p><b><u>IPPOSTCODE is in England</u></b> or</p> <p>(DOMICILE in (ZZ, BLANK) and            POSTCODEPRIOR <b><u>IPPOSTCODE</u></b> is in            England)</p>
S	Scotland	<p>DOMICILE = XH or</p> <p>(DOMICILE in (XJ, XK, GB) and            (POSTCODEPRIOR is in Scotland or            ((POSTCODEPRIOR = BLANK or            POSTCODEPRIOR begins ZZ) and Provider in            Scotland))) or</p> <p><b><u>IPPOSTCODE is in Scotland</u></b> or</p> <p>(DOMICILE in (ZZ, BLANK) and            POSTCODEPRIOR <b><u>IPPOSTCODE</u></b> is in            Scotland)</p>
W	Wales	<p>DOMICILE = XI or</p> <p>(DOMICILE in (XJ, XK, GB) and            (POSTCODEPRIOR is in Wales or            ((POSTCODEPRIOR = BLANK or            POSTCODEPRIOR begins ZZ) and Provider in            Wales))) or</p> <p><b><u>IPPOSTCODE is in Wales</u></b> or</p>

<sup>7</sup> LCDOM is defined in the '2023-24 ILR DCT learner characteristics technical document and rebuild instructions', available in the 'Documentation' section at [www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/](http://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/).

		(DOMICILE in (ZZ, BLANK) and POSTCODEPRIOR <b>IPPOSTCODE</b> is in Wales)
N	Northern Ireland	DOMICILE = XG or  (DOMICILE in (XJ, XK, GB) and (POSTCODEPRIOR is in Northern Ireland or ((POSTCODEPRIOR = BLANK or POSTCODEPRIOR begins ZZ) and Provider in Northern Ireland))) or <b>IPPOSTCODE is in Northern Ireland</b> ) or  (DOMICILE in (ZZ, BLANK) and POSTCODEPRIOR <b>IPPOSTCODE</b> is in Northern Ireland)
<b>EU</b>	<b>European Union</b>	<b>DOMICILE in (AT, AX, BE, BG, CY, CZ, DE, DK, EE, ES, EU, FI, FR, GF, GI, GP, GR, HR, HU, IC, IE, IT, LT, LU, LV, MQ, MT, NL, PL, PT, RE, RO, SE, SI, SK, TF, XA, XC, XD, XE, YT)</b>
UNKNOWN	<del>Domicile not known</del> <b>Unknown domicile</b>	DOMICILE in (ZZ, BLANK) and  (POSTCODEPRIOR <b>IPPOSTCODE</b> = BLANK or invalid)
<del>NON-UK</del> <b>OTHER</b>	<del>Not domiciled in UK</del> <b>Not EU or UK</b>	Otherwise

## TRETHNIC

19. This field has been replaced with IPETHNIC and the algorithm has been updated. This does not affect the final output as IPETHNICDETAIL is derived using ETHNICITY and the relevant definitions are equivalent.

Value	Description	Definition
A	Asian	<del>ETHNICITY = 39, 40, 41, 42, 43</del> <b>IPETHNICDETAIL in (A_01, A_02, A_03, A_04, A_05)</b>
B	Black	<del>ETHNICITY = 44, 45, 46</del> <b>IPETHNICDETAIL in (B_01, B_02, B_03)</b>
M	Mixed	<del>ETHNICITY = 35, 36, 37, 38</del> <b>IPETHNICDETAIL in (M_01, M_02, M_03, M_04)</b>
O	Other	<del>ETHNICITY = 33, 47, 98</del> <b>IPETHNICDETAIL in (O_01, O_02)</b>
W	White	<del>ETHNICITY = 31, 32, 34</del> <b>IPETHNICDETAIL in (W_04)</b>



U	Not provided <b><u>Refused, unknown or not collected</u></b>	<del>ETHNICITY = 99</del> <b>IPETHNICDETAIL = U</b>
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## TRSEX

20. This field has been replaced with IPSEX and the values have been updated.

Value	Description	Definition
<del>M</del> <b><u>1</u></b>	Male	SEX = M
<del>F</del> <b><u>2</u></b>	Female	SEX = F
<del>O</del> <b><u>9</u></b>	Other <b><u>sex</u></b>	Otherwise

## TREIMD

21. The algorithm of TREIMD has been updated. This does not affect the final output since IPPOSTCODE is the same as POSTCODEPRIOR for ILR records.

Value	Description	Definition
1, 2, 3, 4, 5	Assigned EIMD 2019 quintile 1 (most deprived) to 5 (least deprived)	TRDOM = E and POSTCODEPRIOR <b><u>IPPOSTCODE</u></b> matched to postcode and LSOA in NSPL
<b><u>UNKNOWN</u></b>	EIMD 2019 quintile unknown	TRDOM = E and ( <del>POSTCODEPRIOR</del> <b><u>IPPOSTCODE</u></b> = BLANK or <del>POSTCODEPRIOR</del> <b><u>IPPOSTCODE</u></b> not matched to postcode and LSOA in NSPL)
NA	Learner domicile outside of England or unknown	TRDOM ≠ E

## TRDEGLASS

22. TRDEGLASS has been renamed to TRDODEGLASS and the algorithm has been updated.

Value	Description	Definition
4 <b><u>FIRST</u></b>	First class honours degree	<del>TRAWARD = FDEG and</del> <b><u>TRQUALIFIER = 1 and</u></b>  <b><u>IPAWARDLEVEL in (DEG, PUGD) and</u></b>  OUTGRADE = FI
2_1	Upper second class honours degree	<del>TRAWARD = FDEG and</del>

		<u>TRQUALIFIER = 1 and</u>
		<u>IPAWARDLEVEL in (DEG, PUGD) and</u>
		OUTGRADE = SU
2_2	Lower second class honours degree	<del>TRAWARD = FDEG and</del> <u>TRQUALIFIER = 1 and</u>
		<u>IPAWARDLEVEL in (DEG, PUGD) and</u>
		OUTGRADE in (SL,SE)
<del>3</del> <u>THIRD</u>	Third class honours degree	<del>TRAWARD = FDEG and</del> <u>TRQUALIFIER = 1 and</u>
		<u>IPAWARDLEVEL in (DEG, PUGD) and</u>
		OUTGRADE = TH, FQ
UN <u>UNCLASS</u>	Degree awarded without classification	<del>TRAWARD = FDEG and</del> <u>TRQUALIFIER = 1 and</u>
		<u>IPAWARDLEVEL in (DEG, PUGD)</u>
		and not above
NA	Otherwise <u>No first degree awarded</u>	Otherwise

## TRATTAINPOP

23. The algorithm of TRATTAINPOP has been updated. The Transparency attainment population includes UK domiciled undergraduate qualifiers. Students studying 'Other qualifications with a postgraduate component' (IPLEVEL= PUGO) used to be included in this population, but are now excluded to align with the student outcomes definition of undergraduate students.

Value	Description	Definition
1	Learner is counted in the Transparency attainment population	TRDOM in (E, N, S, W) and <del>TRAWARD in (FDEG, OUG) and</del> <del>OUTCOME = 1</del> <u>TRUGQUALIFIER = 1</u>
0	Otherwise	Otherwise

### **Addition and removal of fields**

24. IPCOMDATE, IPACTENDDATE, IPPLANENDDATE, IPOFSQAIM, IPLEVEL, IPLEVELBROAD, IPAPPRENTICE, IPPOSTCODE, IPETHNICDETAIL, TROFSHE, TRQUALIFIER and TRUGQUALIFIER are newly added derived fields.

25. TRAWARD has been removed.

# Transparency attainment data summary files

## Workbook

26. The Transparency attainment data summary workbook is the Excel workbook 'TR23\_Attainment\_DCT\_XXXXXXXX.xlsx' which contains the following worksheets:

**Table 1: Worksheets in the Transparency attainment data summary workbook**

Worksheet*	Content
Information	Workbook information
Attainment_2023-24	Table showing attainment of 2023-24 qualifiers by ethnicity, gender, and EIMD 2019, classified by mode of study and award level.

\* This worksheet reference corresponds to the spreadsheet tabs.

## Individualised file

27. When working through this document it is necessary to use the individualised file. TR23\_Attainment\_DCT\_XXXXXXXX\_IND.csv. The individualised file contains the values of all fields used to generate the figures in the 'Attainment\_2023-24' worksheet of the Transparency attainment data summary workbook. Fields taken from the ILR return are shown in capitals in Table 2. Fields prefixed with 'IP' or 'TR' are derived and are shown in capitals in Table 3 and Table 4 respectively.
28. Specific instructions for rebuilding the Transparency attainment data summary workbook from the individualised file are given in this document.
29. The individualised file contains one row per learning aim for a learner (each unique combination of UKPRN, LEARNREFNUMBER, LEARNAIMREF and AIMSEQNUMBER).

## Fields used to create the Transparency attainment data summary

30. The ILR and Learning Aim Reference Service (LARS) fields used to generate the Transparency attainment data summary are listed in Table 2.

**Table 2: ILR and LARS fields used in the Transparency attainment data summary**

Name	Description	Source
UKPRN	UK Provider Reference Number	ILR
LEARNREFNUMBER	Learner reference number	ILR
LEARNAIMREF	Learning aim reference code	ILR
AIMSEQNUMBER	Learning aim sequence number	ILR
POSTCODEPRIOR	Postcode of learner prior to enrolment	ILR
DOMICILE	Domicile of learner	ILR
ETHNICITY	Ethnicity of learner	ILR
SEX	Sex of learner	ILR
LEARNSTARTDATE	Learning start date	ILR
LEARNPLANENDDATE	Planned learning end date	ILR
LEARNACTENDDATE	Actual learning end date	ILR
MODESTUD	Mode of study	ILR
PROGTYPE	Programme type	ILR
OUTGRADE	Grade awarded to learner	ILR
OUTCOME	Indicates whether learner has achieved learning aim	ILR
COMPSTATUS	Degree of completion of the learning activities leading to the learning aim	ILR
WITHDRAWREASON	Reason why the learner has withdrawn from the learning aim	ILR
NOTIONALNVQLEVELV2	Detailed learning aim level on the NVQ scale	LARS
NVQ_LV	Level of the NVQ	LARS
LEARNAIMREFTYPE	Learning aim type	LARS
UNITTYPE	The learning aim's unit type	LARS
LEARNDELIFAM_SOF1	Source of funding	LARS

## Description of derived fields

31. The OfS derived fields used to generate the Transparency attainment data summary are listed in Table 3 and Table 4.

32. The algorithms prefixed with 'IP' have not been repeated in this document and we instead direct the reader to the published algorithm. In these cases, Table 3 contains the paragraph reference in 'Technical algorithms for student outcome and experience measures'.<sup>8</sup>

**Table 3: List of OfS derived fields used in the Transparency attainment data summary**

Name	Description	Paragraph
IPCOMDATE	Learner's start date of study	Technical algorithms paragraph 44
IPACTENDDATE	Learner's actual end date	Technical algorithms paragraph 51
IPPLANENDDATE	Learner's planned end date	Technical algorithms paragraph 48
IPOFSQAIM	Broad category of the learning aim	Technical algorithms paragraph 55
IPLEVEL	Level of study	Technical algorithms paragraph 63
IPLEVELBROAD	Broad level of study	Technical algorithms paragraph 64
IPAWARD_DETAIL	Qualification awarded to learner	Technical algorithms paragraph 68
IPAWARDLEVEL	Allocates the qualification awarded to the learner to a level of study for the base year	Technical algorithms paragraph 69
IPCRSELGTH	Expected course length	Technical algorithms paragraph 89
IPAPPRENTICE	Indicates whether a learner is on an apprenticeship	Technical algorithms paragraph 82
IPMODE	Mode of study	Technical algorithms paragraph 92
IPSEX	Sex of learner	Technical algorithms paragraph 153
IPETHNICDETAIL	Detailed ethnicity of learner	Technical algorithms paragraph 159

<sup>8</sup> See 'Technical algorithms for student outcome and experience measures', available on the OfS website at [www.officeforstudents.org.uk/publications/description-and-definition-of-student-outcome-and-experience-measures/](http://www.officeforstudents.org.uk/publications/description-and-definition-of-student-outcome-and-experience-measures/).

Name	Description	Paragraph
IPETHNIC	Ethnicity of learner at a broad level	Technical algorithms paragraph 163
IPPOSTCODE	Postcode of the student's permanent or home address prior to entry to the course.	Technical algorithms paragraph 193

**Table 4: List of Transparency derived fields used in the Transparency attainment data summary**

Name	Description	Paragraph*
TRDOM	Domicile of learner	33
TREIMD	English Index of Multiple Deprivation quintile 2019	34
TROFSHE	Indicates whether a learner is in higher education	35
TRQUALIFIER	Indicates whether the student qualified at the higher education-level	36
TRUGQUALIFIER	Indicates if a learner has qualified at the undergraduate level	37
TRDODEGCLASS	Degree classification awarded to first degree qualifiers	38
TRATTAINPOP	Indicates whether learner is in the attainment population	39

\* To navigate directly to the corresponding fields, click on the paragraph numbers.

## Derived fields for calculating Transparency attainment

### TRDOM

33. This field classifies whether the learner is domiciled in the UK or elsewhere. This field has the same definition as LCDOM.<sup>9</sup>

Value	Description	Definition
E	England	DOMICILE = XF or (DOMICILE in (XJ, XK, GB) and IPPOSTCODE is in England) or (DOMICILE in (ZZ, BLANK) and IPPOSTCODE is in England)
S	Scotland	DOMICILE = XH or (DOMICILE in (XJ, XK, GB) and IPPOSTCODE is in Scotland) or

<sup>9</sup> LCDOM is defined in the '2023-24 ILR DCT learner characteristics technical document and rebuild instructions', available in the 'Documentation' section at [www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/](http://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/).

		(DOMICILE in (ZZ, BLANK) and IPPOSTCODE is in Scotland)
W	Wales	DOMICILE = XI or (DOMICILE in (XJ, XK, GB) and IPPOSTCODE is in Wales) or (DOMICILE in (ZZ, BLANK) and IPPOSTCODE is in Wales)
N	Northern Ireland	DOMICILE = XG or (DOMICILE in (XJ, XK, GB) and IPPOSTCODE is in Northern Ireland) or (DOMICILE in (ZZ, BLANK) and IPPOSTCODE is in Northern Ireland)
EU	European Union	DOMICILE in (AT, AX, BE, BG, CY, CZ, DE, DK, EE, ES, EU, FI, FR, GF, GI, GP, GR, HR, HU, IC, IE, IT, LT, LU, LV, MQ, MT, NL, PL, PT, RE, RO, SE, SI, SK, TF, XA, XC, XD, XE, YT)
UNKNOWN	Unknown domicile	DOMICILE in (ZZ, BLANK) and IPPOSTCODE = BLANK or invalid
OTHER	Not EU or UK	Otherwise

## TREIMD

34. This field shows the English Index of Multiple Deprivation (EIMD) 2019 quintile of the postcode of the learner's address prior to entry.<sup>10</sup> To assign an EIMD 2019 quintile to a learner's address prior to entry, the postcode is matched to the National Statistics Postcode Lookup (NSPL) for the United Kingdom (May 2023 release) to determine the Lower Layer Super Output Area (LSOA) in which the postcode exists. The EIMD 2019 quintile of the LSOA is then assigned.

Value	Description	Definition
1, 2, 3, 4, 5	Assigned EIMD 2019 quintile 1 (most deprived) to 5 (least deprived)	TRDOM = E and IPPOSTCODE matched to postcode and LSOA in NSPL

<sup>10</sup> For information on the English Index of Multiple Deprivation 2019 see <https://www.gov.uk/government/statistics/english-indices-of-deprivation-2019>.



Value	Description	Definition
UNKNOWN	EIMD 2019 quintile unknown	TRDOM = E and (IPPOSTCODE = BLANK or IPPOSTCODE not matched to postcode and LSOA in NSPL)
NA	Learner domicile outside of England or unknown	TRDOM ≠ E

## TROFSHE

35. This field determines whether a student could be counted as a higher education (HE) student for any OfS purpose. It is designed to align the coverage of different student records. It is intended to replicate OFSHE but does not include the deduplication step.

36. The following are excluded:

- Students that left within two weeks without any award
- Students that are not on a higher education aim
- Records in the ILR that are an apprentice standard 'wrapper' programme aim
- ILR records which have been closed to correct an incorrect LEARNPLANENDDATE.

Value	Description	Definition
1	Student is counted as a HE student	IPLEVELBROAD ≠ NA and  LEARNAIMREF ≠ ZPROG001 and  LEARNDEL FAM_SOF1 not in (017, 020) and  (IPACTENDDATE = BLANK or  IPACTENDDATE – IPCOMDATE > 14 or  OUTCOME in (1, 2, 4, 5, 6, 7, 8)) and  (COMPSTATUS not in (3, 4) or  WITHDRAWREASON ≠ 40 or  IPACTENDDATE ≠ 1 August 2023)

0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 36	Otherwise
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## TRQUALIFIER

37. This field indicates whether the student qualified at higher education-level. It is intended to replicate IPQUALIFIER but uses TROFSHE rather than OFSHE. The values '2' and '0' assigned in IPQUALIFIER are collapsed to a single value "2,0".

Value	Description	Definition
1	Student qualified with a higher education-level qualification	TROFSHE = 1 and OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, NONE, FE)
2,0	Otherwise	Otherwise

## TRUGQUALIFIER

38. This field indicates whether the student qualified at undergraduate level. It excludes students who qualified at undergraduate level but were studying at postgraduate level. This field is intended to replicate IPUGQUALIFIER but excludes the deduplication step within TRQUALIFIER. The values '2', '3' and '0' assigned in IPUGQUALIFIER are collapsed to a single value "2,3,0".

Value	Description	Definition
1	Student qualified with an undergraduate-level qualification	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, OUG, PUGD) and IPLEVELBROAD = UG
2,3,0	Otherwise	Otherwise

## TRDODEGCLASS

39. This field indicates the first degree classification awarded to first degree qualifiers. It is intended to replicate IPDODEGCLASS but excludes the deduplication step within TRQUALIFIER.

Value	Description	Definition
FIRST	First class honours degree	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = FI

2_1	Upper second class honours degree	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = SU
2_2	Lower second class honours degree	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = (SL,SE)
THIRD	Third class honours degree	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = TH
UNCLASS	Degree awarded without classification	TRQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and not above
NA	No first degree awarded	Otherwise

## TRATTAINPOP

40. This field indicates whether the learner is included in the Transparency attainment population.

41. This definition of this field will be revised for the post-collection outputs and will exclude any such duplicated student records.<sup>11</sup>

Value	Description	Definition
1	Learner is counted in the Transparency attainment population	TRDOM in (E, N, S, W) and TRUGQUALIFIER = 1
0	Otherwise	Otherwise

<sup>11</sup> See [www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/student-post-collection-outputs/](http://www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/student-post-collection-outputs/).

## Rebuild instructions

42. The individualised file, TR23\_Attainment\_DCT\_XXXXXXXX\_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 individualised files are given on the OfS website.<sup>12</sup>
43. Specific instructions to rebuild the Transparency attainment data summary figures in the Transparency attainment data summary workbook, TR23\_Attainment\_DCT\_XXXXXXXX.xlsx, are provided in this section.
44. Additional fields not described in the field tables or algorithms above have been included in the individualised file for reference. These additional fields are listed in Table 5.

**Table 5: Additional fields included in the Transparency attainment data summary ILR individualised file**

Field name	Description	Data source
LEARNAIMREFTITLE	Learning aim title	LARS

**Table 6: Steps involved in rebuilding student headcounts and percentages**

Step	Description	Rebuild instructions
1	Select the records in the attainment population	TRATTAINPOP = 1
2	Select the mode of study	Refer to Table 7
3	Select the degree classification obtained	Refer to Table 8
4	Select the characteristic split	Refer to Table 9
5	Calculate the headcount	Count of rows

**Table 7: Rebuilding the student population using the mode of study**

Value	Rebuild instructions
Full-time	IPMODE = FT
Part-time	IPMODE = PT
Apprenticeships	IPMODE = APPR

<sup>12</sup> See [www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/](http://www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/).

**Table 8: Rebuilding the student population using the degree classification obtained**

Value	Rebuild instructions
Classified first degrees awarded	TRDODEGCLASS = FIRST, 2_1, 2_2, THIRD
First degrees awarded as first class	TRDODEGCLASS = FIRST
First degrees awarded as upper second class	TRDODEGCLASS = 2_1
First degrees awarded as lower second class	TRDODEGCLASS = 2_2
First degrees awarded as third class	TRDODEGCLASS = THIRD
Degrees awarded without classification	TRDODEGCLASS = UNCLASS
Other undergraduate awards	IPAWARDLEVEL = OUG

**Table 9: Rebuilding the student population using the characteristic split**

Characteristic	Characteristic split	Rebuild instructions
Ethnicity	Asian	IPETHNIC = A
	Black	IPETHNIC = B
	Mixed	IPETHNIC = M
	White	IPETHNIC = W
	Other	IPETHNIC = O
	Unknown	IPETHNIC = U
EIMD 2019 Quintile	1	TREIMD = 1
	2	TREIMD = 2
	3	TREIMD = 3
	4	TREIMD = 4
	5	TREIMD = 5
	N/A	TREIMD = NA
	Unknown	TREIMD = UNKNOWN
Sex	Female	IPSEX = 2
	Male	IPSEX = 1
	Other sex	IPSEX = 9



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