Supporting information about constructing student outcome and experience indicators for use in OfS regulation

Core algorithms

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Contents

Introduction

Purpose

1. The Office for Students (OfS) has issued a consultation about the construction of student output and experience measures[1] to be used in our regulation of student outcomes and in the Teaching Excellence Framework (TEF). This document has been published as supporting information alongside the consultation, to aid providers and other stakeholders in understanding the definitions and approaches we have proposed. We anticipate that some readers of the consultation proposals, particularly those at higher education providers with in-depth knowledge of the student data collected by the Higher Education Statistics Agency (HESA), or the Education and Skills Funding Agency (ESFA), will find the information in this supporting document useful for exploring the impact of our proposals on their own student data.

2. The definitions and approaches described within this document are aligned to our consultation proposals and remain subject to change upon conclusion of the consultation exercise. We expect to publish similar information to that found in this document alongside publication of the consultation outcomes later in 2022, and when we implement our final approach to constructing student outcome and experience measures.

3. The definitions and approaches described within this document provide a technical description of the indicators that the OfS is proposing to use for our regulation of student outcomes and the Teaching Excellence Framework (TEF).

4. The adoption of the proposed definitions and approaches may impact other OfS functions that utilise the same measures of student experiences and outcomes as TEF and registration condition B3, or otherwise rely on the same underlying data and categorisations of students and their activities in higher education. Definitions that contribute to the construction of indicators used within our regulation of access and participation are included in this document, with the purpose of illustrating the wider potential impact of the consultation proposals on the access and participation data dashboard in particular.

5. As a result, this document covers definitions that contribute to all of the data indicators that the OfS constructs as numerical measures for understanding the outcomes and experiences that a provider delivers for its students at different stages of the student lifecycle in higher education:

    a. Access to higher education study

    b. Continuation in, and completion of, the study of higher education qualifications

    c. Student views and perceptions of different aspects of their higher education experience

    d. Achievement and the awards made to higher education students at the end of their studies

    e. Progression into the labour market and other destinations after leaving higher education.

6. Throughout this document, content that is relevant only to the assessment of registration condition B3 is highlighted green, content that is relevant only to the TEF is highlighted in

[1] For details of the consultation, see www.officeforstudents.org.uk/publications/student-outcomes-and-teaching-excellence-consultations/outcome-and-experience-data/.

salmon and content that is relevant only to access and participation data dashboard is highlighted mauve.

7. To further support providers in exploring the practical effect of implementing our proposals within their own student data, the OfS has also released data resources to providers (including individualised student data files and workbooks showing data and indicators at provider level, in dashboard and excel formats). Providers may wish to consider one or more of these resources when reading through this document.

Guidance for using this document

8. This is one of a series of supporting technical documents that provide details of the definitions and methods that the OfS has proposed to use in constructing student outcome and experience measures.[2] Readers may want to consider this document alongside the following documents and resources in particular:

    a. Supporting information about constructing student outcome and experience indicators for use in OfS regulation: Instructions for rebuilding OfS datasets

    b. Supporting information about constructing student outcome and experience indicators for use in OfS regulation: Description and methodology.

9. The algorithms described in this document are applied to the 2010-11 to 2019-20 individualised student records collected annually by the Higher Education Statistics Agency (HESA) or the Education and Skills Funding Agency (ESFA). This document is aimed at readers with in-depth knowledge of the HESA Student, HESA Student Alternative or Individualised Learner Record (ILR) student data.

10. When using this document, readers are advised to have copies of the following to hand, for whichever source is relevant to your provider:

    - 'HESA Student Record Coding Manual 2019-20' and prior years
    - 'HESA Student Alternative Record Coding Manual 2019-20' and prior years
    - 'Specification of the Individualised Learner Record for 2019 to 2020' and prior years.

11. Individualised student data files are supplied to higher education providers by the OfS to support their understanding of our approach to calculating institutional performance measures. These files contain data relating to a provider's own students and shows how they have been categorised according to the algorithms defined in this document.

12. This document is structured to describe algorithms thematically, according to characteristics of student or provision, and by type of indicator. Readers can navigate through this document using the links provided in the contents page.

13. This document provides a comprehensive technical specification for creating the student lifecycle indicators. Often, many fields are needed as building blocks in order to create the key fields used directly in creating the indicators. Please see the table below to navigate to these key fields.

[2] See www.officeforstudents.org.uk/publications/student-outcomes-and-teaching-excellence-consultations/outcome-and-experience-data/.

Key field
IPBASEYEAR
IPUKPRNRC
IPUKPRNTC
IPCOUNTRY
IPLEVELNUM
IPLEVEL
IPAWARDLEVEL
IPAWARDBOD
IPCRSELGTHGRP
IPSTARTMODE
IPFOUNDYEAR
IPSANDWICH
IPSBJ_CAH2
SUBWT
IPINTERCALATE
IPINTSBJ_CAH2
IPSTARTAGE
IPSTARTAGEBAND
IPSEX

Key field
IPDISABLETYPE
IPDISABLE
IPETHNIC
IPSEC
IPSEXORT
IPDOM
IPPOLAR4
IPTUNDRALOOKUP
IPIMDNATION
IPCONABCS
IPDL
IPSTUDYLOCTYPE
IPHECAT
IPAYDUP
IPCONTEXTPOP
DFAPAPPEXCL
IPENTQUALBROAD
IPFSMPOP
IPFSMSTATE

Key field
IPENTRANTEXCL
IPACCEXCL
IPCONINDFULL_YX
IPCIENDED
IPCIRESULT
IPNSSRESRATEEXCL
IPNSSRESPONSE
IPNSSINDEXCL
IPNSSxxxxRESPOND, IPNSSxxxxAGREE, IPNSSxxxxDISAGREE and IPNSSxxxxNEUTRAL
IPDODEGCLASS
IPDOQUALPOP
IPEMPEXCL
IPEMPRRNUM
IPEMPINDPOP
IPEMPINDNUM
IPGOTTWAQUINTILE

Enquiries and feedback

14. For enquiries regarding the definitions and methods described in this document, and any feedback, please contact providermetrics@officeforstudents.org.uk.

Fields used to describe the data structure

IPSOURCE

15. This field indicates whether the record is taken from the HESA Student record, HESA Student Alternative record or ILR.

16. Where an algorithm cannot be applied in the same way to each IPSOURCE, this will be indicated in the description of each algorithm.

Value	Definition
HESASTU	Record is taken from the HESA Student record
HESASAR	Record is taken from the HESA Student Alternative record
ILR	Record is taken from the ILR

IPBASEYEAR

This is a key field

17. This field indicates the academic year that the record relates to. For example, IPBASEYEAR = 2017 means the record has been taken from HESA Student, HESA Student Alternative or ILR data from the academic year 2017-18.

IPRECID

18. This field indicates the record identifier of the row in an individualised file. It is unique across all files relating to a given year and version of the individualised files.

Fields used to describe the nature of the study undertaken

IPUKPRNRC

This is a key field

19. This field shows the UKPRN of the provider where the student is registered in the academic year. The IPUKPRNRC value will take into account whether a provider was involved in a merger before 16 June 2021.

IPUKPRNTC

This is a key field

20. This field shows the UKPRN of the provider where the student is taught for the majority of this academic year. It is calculated using the method described in paragraphs 21 to 24. The value of IPUKPRNTC will take into account whether a provider was involved in a merger before 16 June 2021.

IPSOURCE = HESASTU

21. To set IPUKPRNTC for the HESA Student record we consider the teaching provider of each module where MODSTAT ≠ 4. For each combination of study and teaching provider we calculate:

    a. FTE taught at the registering provider (REGFTE) = sum of FTE × ((1 - PCOLAB)/100).

    b. FTE taught elsewhere (FRANFTE) = sum of FTE × (PCOLAB/100).

    If REGFTE is greater than or equal to the largest value of FRANFTE then IPUKPRNTC = UKPRN. Otherwise, IPUKPRNTC = TINST associated with the largest value of FRANFTE. Where the FTE taught elsewhere is equally split between two or more providers, then IPUKPRNTC is set to Unknown.

IPSOURCE = HESASAR

22. For the HESA Student Alternative record, this is set as IPUKPRNRC.

IPSOURCE = ILR

23. For records taken from the ILR, IPUKPRNTC is set as follows:

Value	Description	Definition
Value of PARTNERUKPRN	UKPRN of the teaching provider where the student spent the majority of the year studying, for a teaching provider that differs from the registering provider	PCOLAB > 50 and PARTNERUKPRN not in (0, *BLANK*)
Value of IPUKPRNRC	UKPRN of the registering provider, where the student spent the majority of the year studying	Otherwise

Note: For records taken from the 2010-11 ILR, QA_PRVPT (A22) is used instead of PARTNERUKPRN, and HQ_PCOLB (H32) is used instead of PCOLAB.

24. Where the FTE taught elsewhere is equally split between two or more providers, then IPUKPRNTC is set to Unknown.

IPCOUNTRY

This is a key field

25. This field indicates whether the registering provider is based in England, Wales, Scotland or Northern Ireland.

Value	Description	Definition
E	Registering provider based in England	IPUKPRNRC indicates a provider based in England
W	Registering provider based in Wales	IPUKPRNRC indicates a provider based in Wales
S	Registering provider based in Scotland	IPUKPRNRC indicates a provider based in Scotland
N	Registering provider based in Northern Ireland	IPUKPRNRC indicates a provider based in Northern Ireland
UNKNOWN	The country of the registering provider is unknown	Otherwise

IPCOMDATE

IPSOURCE = HESASTU or HESASAR

26. This field shows the start date of the student's study. IPCOMDATE is equal to COMDATE.

IPSOURCE = ILR

27. This field shows the learning start date. IPCOMDATE is equal to LEARNSTARTDATE. For records taken from the 2010-11 ILR, QA_ST_DA (A27) is used instead of LEARNSTARTDATE.

IPANNIV

28. This field contains the anniversary of the start date (IPCOMDATE) during the current academic year.

IPPLANENDDATE

IPSOURCE = HESASTU or HESASAR

29. This field is not calculated.

IPSOURCE = ILR

30. This field shows the learning planned end date. IPPLANENDDATE is equal to LEARNPLANENDDATE. For records taken from the 2010-11 ILR, QA_EXP_E (A28) is used instead of LEARNPLANENDDATE.

IPACTENDDATE

IPSOURCE = HESASTU or HESASAR

31. This field shows the end date of the student's study. IPACTENDDATE is equal to ENDDATE.

IPSOURCE = ILR

32. This field shows the learning actual end date. IPACTENDDATE is equal to LEARNACTENDDATE. For records taken from the 2010-11 ILR, QA_EN_DA (A31) is used instead of LEARNACTENDDATE.

IPDENT

33. This field indicates whether a student has at least one instance of a ‘Dentistry‘, ‘Pre-clinical dentistry’ or ‘Clinical dentistry’ programme of study.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
1	The student has at least one instance of a ‘Dentistry’, ‘Pre-clinical dentistry’ or ‘Clinical dentistry’ programme of study	(IPBASEYEAR ≤ 2018 and XJACS01 in (A200, A400)) or (IPBASEYEAR ≥ 2019 and XHECOS in (100266, 100268, 100275))
0	The student does not have an instance of a ‘Dentistry’, ‘Pre-clinical dentistry’ or ‘Clinical dentistry’ programme of study	Otherwise

IPSOURCE = ILR

34. This field is not calculated.

IPLEVELNUM

This is a key field

35. This field gives the FHEQ level of study. This also aligns with NVQ levels.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
8	Doctoral degree	COURSEAIM in (D00, D01, D90, E00, E13, E40, E43, E90, L00)

Value	Description	Definition
7	Masters' degree, postgraduate diplomas, postgraduate certificates	COURSEAIM in (L80, L90, L91, L99, M00, M01, M02, M10, M11, M13, M16, M22, M26, M28, M40, M41, M42, M43, M44, M45, M50, M70, M71, M72, M73, M76, M78, M79, M80, M86, M88, M90, M91, M99)
6	Bachelors' degrees, graduate certificates and diplomas	COURSEAIM in (H00, H11, H12, H13, H16, H18, H22, H23, H24, H41, H42, H43, H50, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H90, H91, H99, I00, I11, I12, I16)
5	Foundation degrees, diplomas of higher education and other higher diplomas	COURSEAIM in (I60, I61, I70, I71, I72, I73, I74, I76, I78, I79, I80, I81, I90, I91, I99, J10, J13, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J90, J99)
4	Certificates of higher education	COURSEAIM in (C13, C20, C30, C41, C42, C43, C77, C78, C80, C90, C99)
BLANK	Not applicable to higher education qualifications framework	Otherwise

IPSOURCE = ILR

Value	Description	Definition
8	Doctoral degree	IPOFSQAIM in (OTHL8_Q, OTHL8_CC, OTHL8_U)
7	Masters' degree, postgraduate diplomas, postgraduate certificates	IPOFSQAIM in (MASTER, PGDIP, PGCERT, PGCE, OTHL7_Q, OTHL7_CC, OTHL7_U)
6	Bachelors' degrees with honours, graduate certificates and diplomas	IPOFSQAIM in (FIRST, ENHANCED, FDBC, OTHL6_Q, OTHL6_CC, OTHL6_U)
5	Foundation degrees, diplomas of higher education and other higher diplomas	IPOFSQAIM in (HND, DET, FOUDEG, DIPHE, DTLLS, OTHL5_Q, OTHL5_CC, OTHL5_U)
4	Certificates of higher education	IPOFSQAIM in (HNC, CERTED, UNICERT, HIGHCERT, CTLLS, PTLLS, CET, OTHL4_Q, OTHL4_CC, OTHL4_U)
0	Unknown HE level aim	IPOFSQAIM in (OTHHE_Q, OTHHE_CC, OTHHE_U)
BLANK	Not applicable to higher education qualifications framework	Otherwise

IPOFSQAIM

36. This field allocates course aims (for HESA records) and learning aims (for ILR records) to categories of higher education.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
PHD	PhD and MPhil	COURSEAIM in (D00, D01, L00)
OTHL7_Q_R	Other Level 7 research-based qualification	COURSEAIM in (L80, L99)
MASTER	Masters'	COURSEAIM in (M00, M01, M02, M10, M11, M16, M50)
PGCE	PGCE and other postgraduate initial teacher training (ITT)	COURSEAIM in (H71, M71)
DTLLS_PG	Postgraduate diploma in teaching in the lifelong learning sector	COURSEAIM = M79
PGCERT	Postgraduate certificate	COURSEAIM = M44
PGDIP	Postgraduate diploma	COURSEAIM = M41
PROCONGRAD	Professional, conversion and other graduate entry programmes	COURSEAIM in (H50, H60, H61, H62, H72, H78, H81, H88, I71, I72, I73, I81, I60, I61)
PGUNSPEC	Unspecified postgraduate courses	COURSEAIM = M99
ENHANCED	Enhanced first degree (or integrated masters)	COURSEAIM in (H22, M22, M26, M28)
MEDVETDENT	Pre-registration first degree with honours leading towards obtaining eligibility to register to practise with the General Medical Council, General Dentistry Council (as a dentist) or the Royal College of Veterinary Surgeons	COURSEAIM in (I16, H16) and (REGBODY in (01, 14, 30) or REGBODY1 in (01, 14, 30) or REGBODY2 in (01, 14, 30) or (IPDENT = 1 and (REGBODY = 02 or REGBODY1 = 02 or

Value	Description	Definition
		REGBODY2 = 02)))
FIRST	First degree	COURSEAIM in (H00, H11, H12, H18, H23, H24, I00, I11, I12) or (COURSEAIM in (I16, H16) and not above)
CTLLS	Certificate in teaching in the lifelong learning sector	COURSEAIM = C78
DET	Diploma in Education and Training	COURSEAIM = I78
DIPHE	Diploma of Higher Education (DipHE)	COURSEAIM in (J20, J26)
DTLLS	Diploma in teaching in the lifelong learning sector	COURSEAIM in (H79, I79)
FOUDEG	Foundation degree	COURSEAIM in (J10, J16)
HIGHCERT	Higher certificate	COURSEAIM = C20
HNC	Higher national certificate	COURSEAIM = C30
HND	Higher national diploma	COURSEAIM = J30
PTLLS	Preparing to teach in the lifelong learning sector	COURSEAIM = C77
OTHL[X]_Q	Other Level X qualification, where X is the level indicated by IPLEVELNUM	COURSEAIM in (C13, C41, C42, C43, C80, I70, I74, I76, I80, J13, J41, J42, J43, J45, J76, J80, H13, H41, H42, H43, H70, H76, H80, M13, M40, M42, M43, M45, M70, M72, M73, M76, M78, M80, M86, M88, E00, E13, E40, E43)
OTHL[X]_U	Other Level X unit, where X is the level indicated by IPLEVELNUM	COURSEAIM in (C90, I90, I91, J90, H90, H91, L90, L91, M90, M91, D90, E90)
UGUNSPEC	Unspecified undergraduate courses	COURSEAIM in (C99, H99, I99, J99)
FE	Further education course	COURSEAIM in (Pxx, Qxx, Rxx, Sxx, Xxx) where xx is any valid numeric code
NA	Course aim does not apply	COURSEAIM = Z99

Note: NA will only apply for 2018-19 and before (IPBASEYEAR less than or equal to 2018). Z99 has been removed as a valid COURSEAIM for 2019-20 onwards.

IPSOURCE = ILR

Value	Description	Definition
PHD	PhD and MPhil	LEARNAIMREFTYPE in (1411, 1412) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
HIGHER	Higher degree	Provider specific override
MASTER	Masters'	LEARNAIMREFTYPE in (0393, 1410, 1463, 1464, 2001, 9101, 9109, 9114, E008) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
PGCE	PGCE and other postgraduate initial teacher training (ITT)	LEARNAIMREFTYPE in (6004, 9103, 9115) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
PGCERT	Postgraduate certificate	LEARNAIMREFTYPE = 0065 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
PGDIP	Postgraduate diploma	LEARNAIMREFTYPE in (0125, 0126) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
ENHANCED	Enhanced first degree (or integrated masters')	LEARNAIMREFTYPE = 6003 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or

Value	Description	Definition
		NVQ_LV in (4, 5, H))
FIRST	First degree	LEARNAIMREFTYPE in (0394, 1406, 1407, 1408, 1409, 1462, 6002, 9000, 9002, 9107, E007) and LEARNAIMREF ≠ 00241018 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
CERTED	CertEd	LEARNAIMREFTYPE in (1465, 1466, 9111) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
CET	Certificate in Education and Training	LEARNAIMREFTYPE = 1457 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
CTLLS	Certificate in teaching in the lifelong learning sector	LEARNAIMREFTYPE = 1451 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
DET	Diploma in Education and Training	(LEARNAIMREFTYPE in (1458, 1459) or LEARNAIMREF in (60102548, 60104624, 60104636, 60105185, 6010580X, 60112281, 60114629,60116225, 60123837, 60124453, 60125032, 6012717X, 60132644, 60153507, 60161991, 60179752, 60181229, 60305757)) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or

Value	Description	Definition
		NVQ_LV in (4, 5, H))
DIPHE	DipHE	LEARNAIMREFTYPE = 9112 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
DTLLS	Diploma in teaching in the lifelong learning sector	LEARNAIMREFTYPE = 1449 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
FOUDEG	Foundation degree	LEARNAIMREFTYPE = 9110 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
HIGHCERT	Higher certificate	LEARNAIMREFTYPE = 0084 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
HNC	Higher National Certificate	LEARNAIMREFTYPE = 0031 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
HND	Higher National Diploma	LEARNAIMREFTYPE in (0032, 1454) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))

Value	Description	Definition
PTLLS	Preparing to teach in the lifelong learning sector	LEARNAIMREFTYPE = 1450 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
UNICERT	University certificate	LEARNAIMREFTYPE = 9001 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
FDBC	Foundation degree bridging course	LEARNAIMREFTYPE in (6001, 9113) and LEARNAIMREF ≠ 00301548 and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
OTHHE_CC	Other higher education class code	(IPBASEYEAR ≥ 2013 and UNITTYPE = CLASS CODE and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H)) or (IPBASEYEAR < 2013 and GENERIC_AIM_CODE = Y and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H))
OTHHE_U	Other higher education unit	(IPBASEYEAR ≥ 2013 and

Value	Description	Definition
		UNITTYPE = UNIT and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H)) or (IPBASEYEAR < 2013 and LEARNAIMREF begins with a letter and LEARNAIMREF not in (Q1050896, Q1050973, Q1051040, Q1052740, Q1052741, Q1054389, Q1054488) and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H)) and not above
OTHHE_Q	Other higher education qualification	(IPBASEYEAR ≥ 2013 and UNITTYPE = QUALIFICATION and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H)) or (IPBASEYEAR < 2013 and (NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H)) and not above

Value	Description	Definition
OTHL[X]_CC	Other Level X class code, where X is the level as indicated by NOTIONALNVQLEVELV2	(IPBASEYEAR ≥ 2013 and NOTIONALNVQLEVELV2 = X and UNITTYPE = CLASS CODE) or (IPBASEYEAR < 2013 and NOTIONALNVQLEVELV2 = X and GENERIC_AIM_CODE = Y)
OTHL[X]_U	Other Level X unit, where X is the level as indicated by NOTIONALNVQLEVELV2	(IPBASEYEAR ≥ 2013 and NOTIONALNVQLEVELV2 = X and UNITTYPE = UNIT) or (IPBASEYEAR < 2013 and NOTIONALNVQLEVELV2 = X and LEARNAIMREF begins with a letter and LEARNAIMREF not in (Q1050896, Q1050973, Q1051040, Q1052740, Q1052741, Q1054389, Q1054488)) and not above
OTHL[X]_Q	Other Level X qualification, where X is the level as indicated by NOTIONALNVQLEVELV2	(IPBASEYEAR ≥ 2013 and NOTIONALNVQLEVELV2 = X and UNITTYPE = QUALIFICATION)) or (IPBASEYEAR < 2013 and

Value	Description	Definition
		NOTIONALNVQLEVELV2 = X) and not above
FE	Further education course	Otherwise

IPLEVEL

This is a key field

37. This field allocates course and qualification aims to a level of study for the base year.

Value	Description	Definition
PHD	PhD and MPhil	IPOFSQAIM in (PHD, HIGHER)
OPGR	Other postgraduate research	IPOFSQAIM = OTHL7_Q_R
PGTM	Postgraduate taught masters'	IPOFSQAIM = MASTER
PGCE	PGCE	IPOFSQAIM = PGCE
OPGT	Other postgraduate taught	IPOFSQAIM in (DTLLS_PG, OTHL7_Q, OTHL8_Q, PGCERT, PGDIP)
PUGD	Degrees including a postgraduate component	IPOFSQAIM in (ENHANCED, MEDVETDENT)
PUGO	Other qualifications with a postgraduate component	IPOFSQAIM = PROCONGRAD
PGCREDIT	Credit at a postgraduate level	IPOFSQAIM in (OTHL7_CC, OTHL8_CC, OTHL7_U, OTHL8_U)
PGUNSPEC	Taught postgraduate-level study with an unspecified qualification aim	IPOFSQAIM = PGUNSPEC
DEG	First degree	IPOFSQAIM = FIRST
OUG	Other undergraduate	IPOFSQAIM in (CERTED, CET, CTLLS, DET, DIPHE, DTLLS, FOUDEG, HIGHCERT, HNC, HND, OTHL4_Q, OTHL5_Q, OTHL6_Q, OTHHE_Q, PTLLS, UNICERT)

Value	Description	Definition
UGCREDIT	Credit at an undergraduate level	IPOFSQAIM in (FDBC, OTHL4_CC, OTHL5_CC, OTHL6_CC, OTHL4_U, OTHL5_U, OTHL6_U, OTHHE_CC, OTHHE_U)
UGUNSPEC	Undergraduate-level study with an unspecified qualification aim	IPOFSQAIM in (UGUNSPEC)
FE	Further education course	IPOFSQAIM = FE
NA	Course aim does not apply	IPOFSQAIM = NA

IPLEVELBROAD

38. This field allocates course and qualification aims to a broad level of study.

Value	Description	Definition
UG	Undergraduate	IPLEVEL in (DEG, OUG, UGCREDIT, UGUNSPEC, PUGD)
PGT	Postgraduate taught level	IPLEVEL in (PGTM, PGCE, OPGT, PUGO, PGUNSPEC, PGCREDIT)
PGR	Postgraduate research level	IPLEVEL in (PHD, OPGR)
NA	Further education level or otherwise not applicable broad level	Otherwise

IPAWARDLEVELNUM

39. This field gives the FHEQ level of study of the qualification awarded to the student during the reporting year. This also aligns with NVQ levels.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
8	Doctoral degree	XQOBTN01 in (D00, D01, D90, E00, E13, E40, E43, E90, L00)
7	Masters' degree, postgraduate diplomas, postgraduate certificates	XQOBTN01 in (L80, L90, L91, M00, M01, M02, M10, M11, M13, M16, M22, M26, M28, M40, M41, M42, M43, M44, M45, M50, M70, M71, M72, M73, M76, M78, M79, M80, M86, M88, M90, M91)

Value	Description	Definition
6	Bachelors' degrees, graduate certificates and diplomas	XQOBTN01 in (H00, H11, H12, H13, H16, H18, H22, H23, H24, H41, H42, H43, H50, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H90, H91, I00, I11, I12, I16)
5	Foundation degrees, diplomas of higher education and other higher diplomas	XQOBTN01 in (I60, I61, I70, I71, I72, I73, I74, I76, I78, I79, I80, I81, I90, I91, J10, J13, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J90)
4	Certificates of higher education	XQOBTN01 in (C13, C20, C30, C41, C42, C43, C77, C78, C80, C90)
BLANK	No qualification awarded or qualification not applicable to higher education qualifications framework	Otherwise

IPSOURCE = ILR

40. This field is not calculated.

IPAWARD_DETAIL

41. This field allocates the qualification awarded to the student during the reporting year to a level of qualification awarded.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
CTLLS	Certificate in teaching in the lifelong learning sector	XQOBTN01 = C78
DET	Diploma in education and training	XQOBTN01 = I78
DIPHE	DipHE	XQOBTN01 in (J20, J26)
DTLLS	Diploma in teaching in the lifelong learning sector	XQOBTN01 in (H79, I79)
DTLLS_PG	Postgraduate diploma in teaching in the lifelong learning sector	XQOBTN01 = M79
ENHANCED	Enhanced first degree (or integrated masters)	XQOBTN01 in (H22, M22, M26, M28)
FIRST	First degree	XQOBTN01 in (H00, H11, H12, H18, H23, H24, I00, I11, I12) or

Value	Description	Definition
		(XQOBTN01 in (I16, H16) and not MEDVETDENT)
FOUDEG	Foundation degree	XQOBTN01 in (J10, J16)
HIGHCERT	Higher certificate	XQOBTN01 = C20
HNC	Higher National Certificate	XQOBTN01 = C30
HND	Higher National Diploma	XQOBTN01 = J30
MASTER	Masters'	XQOBTN01 in (M00, M01, M02, M10, M11, M16, M50)
MEDVETDENT	Pre-registration first degree with honours leading towards obtaining eligibility to register to practise with the General Medical Council, General Dentistry Council (as a dentist) or the Royal College of Veterinary Surgeons	XQOBTN01 in (I16, H16) and (REGBODY in (01, 14, 30) or REGBODY1 in (01, 14, 30) or REGBODY2 in (01, 14, 30) or (IPDENT = 1 and (REGBODY = 02 or REGBODY1 = 02 or REGBODY2 = 02)))
OTHL[X]_Q	Other Level X qualification, where X is the level as indicated by IPAWARDLEVELNUM	XQOBTN01 in (C13, C41, C42, C43, C80, I70, I74, I76, I80, J13, J41, J42, J43, J45, J76, J80, H13, H41, H42, H43, H70, H76, H80, M13, M40, M42, M43, M45, M70, M72, M73, M76, M78, M80, M86, M88, E00, E13, E40, E43)
OTHL[X]_U	Other Level X unit, where X is the level as indicated by IPAWARDLEVELNUM	XQOBTN01 in (C90, I90, I91, J90, H90, H91, L90, L91, M90, M91, D90, E90)
OTHL7_Q_R	Other Level 7 research-based qualification	XQOBTN01 = L80
PGCE	PGCE and other postgraduate initial teacher training (ITT)	XQOBTN01 in (H71, M71)

Value	Description	Definition
PGCERT	Postgraduate certificate	XQOBTN01 = M44
PGDIP	Postgraduate diploma	XQOBTN01 = M41
PHD	PhD and MPhil	XQOBTN01 in (D00, D01, L00)
PROCONGRAD	Professional, conversion and other graduate entry programmes	XQOBTN01 in (H50, H60, H61, H62, H72, H78, H81, H88, I71, I72, I73, I81, I60, I61)
PTLLS	Preparing to teach in the lifelong learning sector	XQOBTN01 = C77
NONE	No qualification	XQOBTN01 = ___
FE	Not higher education	Otherwise

IPSOURCE = ILR

42. Calculated on the same basis as IPOFSQAIM (see paragraph 36).

IPAWARDLEVEL

This is a key field

43. This field allocates the qualification awarded to the student to a level of study for the base year.

Value	Description	Definition
PHD	PhD and MPhil	IPAWARD_DETAIL in (PHD, HIGHER)
OPGR	Other postgraduate research	IPAWARD_DETAIL = OTHL7_Q_R
PGTM	Postgraduate taught masters'	IPAWARD_DETAIL = MASTER
PGCE	PGCE	IPAWARD_DETAIL = PGCE
OPGT	Other postgraduate taught	IPAWARD_DETAIL in (DTLLS_PG, OTHL7_Q, OTHL8_Q, PGCERT, PGDIP)
PUGD	Degrees including a postgraduate component	IPAWARD_DETAIL in (ENHANCED, MEDVETDENT)

Value	Description	Definition
PUGO	Other qualifications with a postgraduate component	IPAWARD_DETAIL = PROCONGRAD
PGCREDIT	Credit at a postgraduate level	IPAWARD_DETAIL in (OTHL7_CC, OTHL8_CC, OTHL7_U, OTHL8_U)
DEG	First degree	IPAWARD_DETAIL = FIRST
OUG	Other undergraduate	IPAWARD_DETAIL 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	IPAWARD_DETAIL in (FDBC, OTHL4_CC, OTHL5_CC, OTHL6_CC, OTHL4_U, OTHL5_U, OTHL6_U, OTHHE_CC, OTHHE_U)
NONE	No qualification	IPAWARD_DETAIL = NONE
FE	Not higher education	IPAWARD_DETAIL = FE

IPAWARDLEVELBROAD

44. This field allocates the qualification awarded to the student during the base year to a broad grouping.

Value	Description	Definition
UG	Undergraduate	IPAWARDLEVEL in (DEG, OUG, UGCREDIT, PUGD)
PGT	Postgraduate taught level	IPAWARDLEVEL in (PGTM, PGCE, OPGT, PUGO, PGCREDIT)
PGR	Postgraduate research level	IPAWARDLEVEL in (PHD, OPGR)
NA	Further education level or otherwise not applicable broad level	Otherwise

IPAWARDBOD

This is a key field

45. This field indicates the UKPRN of the awarding body of the qualification. Provider mergers have been taken into account throughout.

IPSOURCE = HESASTU

46. For 2012-13 and later, AWARDBOD has been used to calculate IPAWARDBOD. For 2011-12 and before, AWARDBOD did not exist on the HESA Student record and the UKPRN of the registering provider has been used where no other information can be found.

Value	Description	Definition
10022490	Edexcel	(IPBASEYEAR ≥ 2012 and AWARDBOD = 1) or (IPBASEYEAR ≤ 2011 and IPOFSQAIM in (HNC, HND))
10038755	Scottish Qualifications Authority (SQA)	IPBASEYEAR ≥ 2012 and AWARDBOD = 2
OTHER	Other awarding body	IPBASYEAR ≥ 2012 and AWARDBOD in (3, 4)
Value of AWARDBOD	Value of AWARDBOD	IPBASEYEAR ≥ 2012 and not above
Value of UKPRN of the registering provider	UKPRN of the registering provider	IPBASEYEAR ≤ 2011 and not above

47. Where IPBASEYEAR is greater than or equal to 2012 and multiple awarding bodies have been returned, IPAWARDBOD is set to a single awarding body as follows. Where the registering provider has been returned as one of the awarding bodies, IPAWARDBOD is set to the registering provider. Otherwise, if Edexcel, SQA or another UKPRN has been returned as an awarding body and all other awarding bodies have been assigned as OTHER using the algorithm above, then IPAWARDBOD is set to the given awarding body. If after this process IPAWARDBOD has not been assigned, it will be set to OTHER.

IPSOURCE = HESASAR

48. For 2018-19 and before, this is populated using information previously collected for designated courses. If this information has not been provided, and the value of XDESIG03 has been returned as 2 then this will be supplemented. If IPOFSQAIM is set to HND or HNC, IPAWARDBOD is set to the UKPRN of Edexcel (10022490), otherwise it will be set to the UKPRN of the registering provider.

49. For 2019-20 onwards, AWARDBOD is used where available.

Value	Description	Definition
10022490	Edexcel	(IPBASEYEAR ≥ 2019 and AWARDBOD = 1) or (IPBASEYEAR ≤ 2018 and XDESIG03 = 2 and IPOFSQAIM in (HNC, HND))
10038755	Scottish Qualifications Authority (SQA)	IPBASEYEAR ≥ 2019 and AWARDBOD = 2
Value of AWARDBOD	Value of AWARDBOD	IPBASYEAR ≥ 2019 and AWARDBOD not in (*BLANK*, 3, 4) and not above
Value of the UKPRN of the registering provider	UKPRN of the registering provider	IPBASEYEAR ≤ 2018 and XDESIG03 = 2 and not above
Value of the UKPRN of the awarding body according to designated courses data	Awarding body according to designated courses data	(IPBASEYEAR ≥ 2019 and AWARDBOD = *BLANK*) or (IPBASEYEAR ≤ 2018 and

Value	Description	Definition
		designated courses data is available) and not above
OTHER	Other awarding body	Otherwise

50. Where IPBASEYEAR is greater than or equal to 2019 and multiple awarding bodies have been returned, IPAWARDBOD is set to a single awarding body using the method in paragraph 47.

IPSOURCE = ILR

51. This is taken from the Learning Aim Reference Service (LARS) database for each learning aim. Where a learning aim has not been provided with an awarding body UKPRN on LARS, the UKPRN has been mapped using the provided awarding body code. Where the awarding body code is listed as MULTI or NONE, IPAWARDBOD has been set to OTHER.

IPAPPRENTICE

52. This field indicates whether the student is studying on an apprenticeship at any level.

IPSOURCE = HESASTU

53. This field is calculated for years 2012-13 onwards. For earlier years IPAPPRENTICE is set to 0.

Value	Description	Definition
1	The student is studying on an apprenticeship at any level	IPBASEYEAR ≥ 2012 and ((IPBASEYEAR ≤ 2018 and PROGTYPE in (02, 03, 10, 20, 21, 22, 23, 25)) or INITIATIVES1 in (K, X, Z) or INITIATIVES2 in (K, X, Z) or INITIATIVES3 in (K, X, Z))

Value	Description	Definition
0	The student is not studying on an apprenticeship	Otherwise

IPSOURCE = HESASAR

54. This field is calculated for years 2016-17 onwards. For earlier years IPAPPRENTICE is set to 0.

Value	Description	Definition
1	The student is studying on an apprenticeship at any level	IPBASEYEAR ≥ 2016 and (INITIATIVES1 = K or INITIATIVES2 = K or INITIATIVES3 = K
0	The student is not studying on an apprenticeship	Otherwise

IPSOURCE = ILR

55. This field is calculated for years 2011-12 onwards. For earlier years IPAPPRENTICE is set to 0.

Value	Description	Definition
1	The student is studying on an apprenticeship at any level	IPBASEYEAR ≥ 2011 and PROGTYPE in (02, 03, 10, 20, 21, 22, 23, 25)
0	The student is not studying on an apprenticeship	Otherwise

IPCRSELGTH

56. This field contains the number of years that the qualification aim is expected to last. Expected course lengths greater than a whole number of years and two weeks are rounded up to the nearest whole number of years, except where the expected course length is less than 24 weeks in total – such expected course lengths are rounded down to zero. For example, an expected course length that is one year and three weeks will be rounded up to two years. An expected course length of 23 weeks will be rounded down to zero. Expected course lengths less than a whole

number of years and two weeks are rounded down to the nearest whole number of years. For example, an expected course length that is one year and one week will be rounded down to one year.

IPSOURCE = HESASTU or HESASAR

57. The expected course length is calculated from UNITLGTH and SPLENGTH. If UNITLGTH is 9 or blank or SPLENGTH is blank then IPCRSELGTH is blank. If UNITLGTH = 1 then SPLENGTH is the expected length in years so IPCRSELGTH is set as SPLENGTH. Otherwise, SPLENGTH gives the expected length in months, weeks, days or hours and this expected length is rounded to a whole number of years, as described above, to give the value of IPCRSELGTH.

IPSOURCE = ILR

58. The expected course length is the difference between IPCOMDATE and IPPLANENDDATE. This expected length is rounded to a whole number of years, as described above, to give the value of IPCRSELGTH.

IPCRSELGTHGRP

This is a key field

59. This field groups the expected course length for use in benchmarking.

Value	Description	Definition
<1	Expected course length is less than one year	IPCRSELGTH = 0
1	Expected course length is one year	IPCRSELGTH = 1
2	Expected course length is two years	IPCRSELGTH = 2
3+	Expected course length is three years or more, or not applicable	Otherwise

IPMODE

60. This field allocates students to mode of study in the base year.

IPSOURCE = HESASTU

Value	Description	Definition
APPR	Apprenticeship	IPAPPRENTICE = 1 and XMODE01 in (1, 2, 3)
FT	Full-time	XMODE01 in (1, 2) and not above
PT	Part-time	XMODE01 = 3 and not above
WUPFT	Writing up (previously full-time)	XMODE01 = 4 and MODE = 43 and not above
WUPPT	Writing up (previously part-time)	XMODE01 = 4 and MODE = 44 and not above
OTH	Other	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
APPR	Apprenticeship	IPAPPRENTICE = 1 and XMODE02 in (1, 2, 3) and XINACT01 = 0
FT	Full-time	XMODE02 in (1, 2) and

Value	Description	Definition
		XINACT01 = 0 and not above
PT	Part-time	XMODE02 = 3 and XINACT01 = 0 and not above
WUPFT	Writing up (previously full-time)	XMODE02 = 4 and MODE = 43 and XINACT01 = 0 and not above
WUPPT	Writing up (previously part-time)	XMODE02 = 4 and MODE = 44 and XINACT01 = 0 and not above
OTH	Other	Otherwise

IPSOURCE = ILR

Value	Description	Definition
APPR	Apprenticeship	IPAPPRENTICE = 1
FT	Full-time	MODESTUD in (1, 2) or (MODESTUD in (99, *BLANK*) and (IPCRSELGTH = 1 or

Value	Description	Definition
		(IPCRSELGTH ≥ 1 and ((IPCRSELGTH ≤ 2 and IPOFSQAIM in (HIGHER, FIRST, FOUDEG, DIPHE, HND)) or (IPCRSELGTH ≤ 3 and IPOFSQAIM in (HIGHER, FIRST)) or (IPCRSELGTH ≤ 4 and IPOFSQAIM = ENHANCED)))))
		and not above
PT	Part-time	Otherwise

IPSUBSTMODE

61. This field allocates the substantive mode of study across an instance. This takes into account all modes present across an instance, up to the latest base year available, and assigns the substantive mode based on the mode most studied. It uses instance linking, described in paragraphs 179-187, to look across all years of an instance.

62. For example, if an instance has mode part-time in 2009-10, part-time in 2010-11 and full-time in 2011-12 then the substantive mode of study would be part-time.

63. Not applicable (NA) is assigned when a substantive mode of study cannot be determined, either because study is split evenly across two or more modes or because the given start/end dates of the instance of study cannot be reconciled with the base year it is recorded in.

Value	Description
FT	Full-time
PT	Part-time
APPR	Apprenticeship
WUP	Writing up
OTH	Other
NA	Not applicable, substantive mode of study cannot be determined

IPSTARTMODE

This is a key field

64. This field allocates students to a starting mode of study. The starting mode is calculated based on information from the earliest record associated with the student's instance of study.

65. Instance linking, described in paragraphs 179-187, is used to calculate this field. IPSTARTMODE is calculated for each instance of study by applying the algorithms described in the following paragraphs to the earliest record associated with the instance. The earliest record is defined as the record found in the earliest available year of data after excluding records with IPINSTANCEEXCL_PREENTROW = 1. All records associated with an instance will have the same value of IPINSTANCEID and are assigned the same value of IPSTARTMODE.

66. The earliest year of data used to calculate this field is data from the 2009-10 academic year. For instances that started before the 2009-10 academic year, IPSTARTMODE is based on the earliest information available in 2009-10 or thereafter.

IPSOURCE = HESASTU or HESASAR

67. This field is calculated from the earliest record associated with this instance using the definition below. Writing-up and dormant students are allocated to their previous mode of study.

Value	Description	Definition
APPR	Apprenticeship	IPAPPRENTICE = 1 and XQMODE01 in (1, 2)
FT	Full-time	XQMODE01 = 1 and not above
PT	Part-time	XQMODE01 = 2 and not above
OTH	Other	Otherwise

IPSOURCE = ILR

68. This field is calculated on the same basis as IPMODE in paragraph 60 for the earliest record associated with this instance.

69. For ILR records there can be more than one record in the earliest academic year of the instance. In this case priority is given to the record with the earliest IPCOMDATE. If there is more than one record with the earliest IPCOMDATE then the following precedence is applied:

- The record with the highest level of study (using IPLEVELNUM) is taken
- If there is more than one record with the highest level of study, the record without an end date is taken (using IPACTENDDATE)
- If there are still multiple records at the highest level of study, the record with the latest end date is taken (using IPACTENDDATE)
- If there are still multiple records at the highest level of study and the same end dates, the mode of study (IPMODE) is taken into account. Records are prioritised in the following order:
  - Apprentice (IPMODE = APPR)
  - Full-time (IPMODE = FT)
  - Part-time (IPMODE = PT)

IPFOUNDYEAR

This is a key field

70. This field indicates whether the instance of study contains a foundation year of study.

71. A record with a foundation year flag indicates that a foundation year of study occurred somewhere within the student's instance of study. This is calculated by using instance linking, described in paragraphs 179-187.

72. Note that if a part of an instance is not at first degree level nor containing postgraduate components (IPLEVEL in DEG, PUGD) it will not contain a foundation year flag, even if another part of the instance has a foundation year flag.

Value	Description
1	The student has at least one instance of a foundation year of study
0	Otherwise

IPSOURCE = HESASTU or HESASAR

For HESA Student and HESA Student Alternative data, instances are flagged where the student is on a full-time or apprenticeship mode of study aiming for a first degree or a degree with postgraduate components (IPMODE = FT or APPR and IPLEVEL = DEG or PUGD) and either:

- the instance contains a year of study where the year of programme has been returned as zero (YEARPRG = 0) and IPINSTANCEEXCL_PREENTROW = 0
- the instance contains a year of study where the year of programme has been returned as one (YEARPRG = 1), the course title contains a reference to a foundation year and IPINSTANCEEXCL_PREENTROW = 0

IPSOURCE = ILR

73. For ILR data, instances are flagged where the student is on a full-time or apprenticeship mode of study aiming for a first degree or a degree with postgraduate components (IPMODE = FT or APPR and IPLEVEL = DEG or PUGD), the name of the learning aim contains a reference to a foundation year and IPINSTANCEEXCL_PREENTROW = 0.

IPSANDWICH

This is a key field

74. This field indicates whether the student is on a sandwich placement year.

IPSOURCE = HESASTU

Value	Description	Definition
1	Student is on a sandwich placement year	XMODE01 = 2 and SPECFEE = 1
0	Student is not on a sandwich placement year	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	Student is on a sandwich placement year	XMODE02 = 2 and XINACT01 = 0 and IPLOCSDY = D
0	Student is not on a sandwich placement year	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	Student is on a sandwich placement year	MODESTUD = 2
0	Student is not on a sandwich placement year	Otherwise

IPJACS

75. This field shows the full four-digit Joint Academic Coding System (JACS) code that has been assigned to the student's programme of study.

IPSOURCE = HESASTU or HESASAR

76. IPJACS is equal to XJACS01 for 2018-19 and before (IPBASEYEAR ≤ 2018). It is blank for 2019-20 onwards due to the replacement of JACS with the Higher Education Classification of Subjects (HECoS).

IPSOURCE = ILR

77. The Learn Direct codes used to identify subject areas of study for students returned to the ILR (using fields LDCS_CO1, LDCS_CO2, LDCS_CO3) have been mapped to full four-digit JACS codes. For details of this mapping, see the 'Subject code mappings for constructing student outcome and experience indicators for use in OfS regulation' document.[3]

IPHECOS

78. This field shows the full 6-digit Higher Education Classification of Subjects (HECoS) code that has been assigned to the student's programme of study.

IPSOURCE = HESASTU or HESASAR

79. IPHECOS is equal to XHECOS for 2019-20 onwards (IPBASEYEAR ≥ 2019). It is not calculated for 2018-19 and before.

IPSOURCE = ILR

80. This field is not calculated.

IPSBJ_CAH2

This is a key field

[3] See www.officeforstudents.org.uk/publications/student-outcomes-and-teaching-excellence-consultations/outcome-and-experience-data/.

81. The subject categorisations are based on level 2 of the Common Aggregation Hierarchy (CAH2). For IPSBJ_CAH2, the current version of the Common Aggregation Hierarchy is used. This field shows which of the CAH2 codes the IPJACS or IPHECOS code maps to. Where we cannot map to a subject, we set IPSBJ_CAH2 = CAH23-01. The mapping of JACS and HECOS codes to the Common Aggregation Hierarchy codes can be found on the HESA website.[4]

IPSOURCE = ILR

82. Where LDCS codes are not available, Sector Subject Areas have been mapped directly to CAH2 codes. For details of this mapping, see the 'Subject code mappings for constructing student outcome and experience indicators for use in OfS regulation' document.[5] Where LDCS codes are available, these are mapped to CAH2 codes through first mapping to IPJACS and then mapping from JACS to CAH, as described above.

IPSBJ_CAH2_NAME

83. This contains the name of the CAH2 category. For example, this field will contain 'Physics and astronomy' where IPSBJ_CAH2 is equal to CAH07-01.

IPSBJ_CAH3

84. This field shows which of the Common Aggregation Hierarchy level 3 (CAH3) codes the IPJACS or IPHECOS code maps to, using the current version of the Common Aggregation Hierarchy. Where we cannot map to a subject, we set IPSBJ_CAH3 to CAH23-01-01. The mapping of JACS and HECOS codes to the Common Aggregation Hierarchy codes can be found on the HESA website.[6]

IPSBJ_CAH3_NAME

85. This contains the name of the CAH3 category. For example, this field will contain 'Physics' where IPSBJ_CAH3 is equal to CAH07-01-01.

[4] See https://www.hesa.ac.uk/support/documentation/hecos/cah-list.

[5] See www.officeforstudents.org.uk/publications/student-outcomes-and-teaching-excellence-consultations/outcome-and-experience-data/.

[6] See https://www.hesa.ac.uk/support/documentation/hecos/cah-list.

IPSBJ_CAH1

86. This field shows which of the Common Aggregation Hierarchy level 1 (CAH1) codes the IPSBJ_CAH2 code maps to, for use in benchmarking.

IPSBJ_CAH1_NAME

87. This contains the name of the CAH1 category. For example, this field will contain ‘Physical sciences’ where IPSBJ_CAH1 is equal to CAH07.

IPSBJ_BROAD

88. This field assigns the subject of study to a broad grouping, for use in benchmarking.

Value	Description	Definition
1	Business and management	IPSBJ_CAH2 = CAH17-01
2	Design, and creative and performing arts	IPSBJ_CAH2 in (CAH25-01, CAH25-02)
3	Education and teaching	IPSBJ_CAH2 = CAH22-01
4	Engineering, technology and computing	IPSBJ_CAH2 in (CAH10-01, CAH10-03, CAH11-01)
5	Humanities and languages	IPSBJ_CAH2 in (CAH19-01, CAH19-02, CAH19-04, CAH20-01, CAH20-02, CAH23-01, CAH24-01)
6	Law and social sciences	IPSBJ_CAH2 in (CAH15-01, CAH15-02, CAH15-03, CAH15-04, CAH16-01)
7	Medicine, dentistry and veterinary sciences	IPSBJ_CAH2 in (CAH01-01, CAH05-01)
8	Natural and built environment	IPSBJ_CAH2 in (CAH06-01, CAH13-01, CAH26-01)
9	Natural and mathematical sciences	IPSBJ_CAH2 in (CAH03-01, CAH03-02, CAH07-01, CAH07-02, CAH07-04, CAH09-01)
10	Nursing, allied health and psychology	IPSBJ_CAH2 in (CAH02-02, CAH02-04, CAH02-05, CAH02-06, CAH04-01)

IPSBJ_BROAD_NAME

89. This contains the name of the broad subject grouping. For example, this field will contain ‘Natural and mathematical sciences’ where IPSBJ_BROAD is equal to 9.

IPFPE

90. This field shows the nominal full person equivalence (FPE) associated with the IPJACS code, or the IPHECOS code where possible. The concept of FPE student numbers is defined in full on the HESA website.[7]

IPSOURCE = HESASTU or HESASAR

91. IPFPE is equal to XFPE01.

IPSOURCE = ILR

92. The FPE associated with the IPJACS code is derived using PCFLDCS, PCSLDCS and PCTLDCS. Where PCFLDCS, PCSLDCS and PCTLDCS do not sum to 1, IPFPE has been scaled to reflect this. For records taken from the 2010-11 ILR, HQ_PERS1 (H33), HQ_PERS2 (H34) and HQ_PERS3 (H35) are used instead of PCFLDCS, PCSLDCS and PCTLDCS.

IPCAH3FPE

93. This field shows the nominal full person equivalence (FPE) associated with the IPSBJ_CAH3 code. It is calculated on the same basis as IPFPE, but refers to IPSBJ_CAH3 level rather than IPJACS or IPHECOS level.

SUBWT

94. SUBWT is calculated as IPCAH3FPE divided by 100.

IPINTERCALATE

IPSOURCE = HESASTU

95. This field indicates whether the student is studying on an intercalated year from a medical, dentistry or veterinary course.

Value	Description	Definition
1	The year of study is an intercalated year	(IPBASEYEAR ≥ 2013 and

[7] See https://www.hesa.ac.uk/support/definitions/students/.

Value	Description	Definition
		INTERCALATE = 01) or (IPBASEYEAR ≤ 2012 and COURSEAIM = H24)
0	The year of study is not an intercalated year	Otherwise

IPSOURCE = HESASAR or ILR

96. This field is not calculated.

IPINTSBJ_CAH2

97. For students who have intercalated (IPINTERCALATE = 1) this field shows the subject area from which the student has intercalated in the previous year. This will be either the Common Aggregation Hierarchy level 2 code that identifies medicine and dentistry (code CAH01-01) or veterinary sciences (code CAH05-01). Students intercalating from subject areas that do not map to medicine and dentistry or veterinary sciences codes, or do not intercalate wholly from a single subject area, are shown as IPINTSBJ_CAH2 = N/A. Those who were not intercalating are shown as IPINTSBJ_CAH2 = NONE.0

Calculation of FTE for ILR records

98. The full-time equivalence (FTE) is calculated for each student record. The concept of full-time equivalent student numbers is defined in full at https://www.hesa.ac.uk/support/definitions/students. Where STULOAD is available (from either the HESA or ILR returns), this is used as the measure of FTE. However, STULOAD may be absent for ILR records. Where this has occurred, we have implemented the approach of deriving FTE from the student number data published by the OfS. Information on this approach, including a technical description of the algorithms used, can be found on the OfS website.[8]

99. The following fields have been calculated for the purpose of institutional performance measures: IPTITLEHRS, IPTITLECREDITS, IPPRIORLEARNADJ, IPQUALHOURS, IPENDDATE, IPAYDAYSSTUDIED, IPAVHOURSPERDAY, IPHOURSPERAYR and IPSTULOADCASE. With the exception of IPPRIORLEARNADJ and IPSTULOADCASE, which are defined below, these fields have been calculated on the same basis as the student numbers technical document. The definitions for these fields can be found in the technical document, where each variable is prefixed by 'SN' rather than 'IP'.

100. All fields related to the calculation of FTE for absent values of STULOAD are only calculated where IPSOURCE is equal to ILR.

IPPRIORLEARNADJ

IPSOURCE = HESASTU or HESASAR

101. This field is not calculated.

IPSOURCE = ILR

102. The funding adjustment for prior learning, expressed as a decimal value. In years where PRIORLEARNFUNDADJ does not exist, IPPRIORLEARNADJ has been set to 1.

Value	Definition
PRIORLEARNFUNDADJ/100	IPBASEYEAR > 2016 and PRIORLEARNFUNDADJ > 0

[8] See www.officeforstudents.org.uk/data-and-analysis/student-number-data/.

Value	Definition
0	IPBASEYEAR > 2016 and PRIORLEARNFUNDADJ = 0
1	Otherwise

IPSTULOADCASE

IPSOURCE = HESASTU or HESASAR

103. This field is not calculated.

IPSOURCE = ILR

104. This field defines the method used in calculating the FTE.

Value	Description	Definition
0	An existing, non-blank STULOAD value will be used	IPOFSQAIM ≠ FE and STULOAD ≠ *BLANK*
1	IPQUALHOURS will be used in calculating FTE	IPOFSQAIM ≠ FE and STULOAD = *BLANK* and IPQUALHOURS ≠ MISSING
2	STULOAD will be assigned to 25	IPOFSQAIM ≠ FE and STULOAD = *BLANK* and IPQUALHOURS = *BLANK*
3	An existing, non-blank STULOAD value will be used	IPOFSQAIM = FE and STULOAD ≠ *BLANK*

Value	Description	Definition
4	STULOAD will be assigned to 10	IPOFSQAIM = FE and STULOAD = *BLANK*

IPSTULOAD

105. This field shows the FTE associated with the student's study.

IPSOURCE = HESASTU

106. IPSTULOAD is equal to STULOAD.

IPSOURCE = HESASAR

107. This field shows the sum of the student's FTE for the reporting period. IPSTULOAD is equal to XSTULOAD01.

IPSOURCE = ILR

Value	Description	Definition
Value of STULOAD	An existing, non-blank STULOAD value exists in the source dataset.	IPSTULOADCASE in (0, 3)
*(IPHOURSPERAYR / 540) * 100*	IPQUALHOURS has been used to successfully deduce this record's FTE	IPSTULOADCASE = 1
25	There is not enough information in IPQUALHOURS to deduce a STULOAD for this higher education record	IPSTULOADCASE = 2
10	There is not enough information in IPQUALHOURS to deduce a STULOAD for this further education record	IPSTULOADCASE = 4

Fields used to describe student characteristics

IPBIRTHDATE

108. This field shows the date of birth of the student.

IPSOURCE = HESASTU or HESASAR

109. IPBIRTHDATE is equal to BIRTHDTE.

IPSOURCE = ILR

110. IPBIRTHDATE is equal to DATEOFBIRTH. For records taken from the 2010-11 ILR, ST_DOB (L11) is used instead of DATEOFBIRTH.

IPSTARTAGE

This is a key field

111. This field contains the age of a student (based on IPBIRTHDATE) at 31 August in the year they commence their studies.

IPSTARTAGEBAND

This is a key field

112. This field indicates the age category of the student at 31 August in the year they commence their studies.

Value	Description	Definition
U	Unknown	IPBIRTHDATE = *BLANK* or Year of IPBIRTHDATE = 9999 or

Value	Description	Definition
		IPSTARTAGE < 10
U21	Under 21 years on entry	IPSTARTAGE < 21 and not above
21_25	21 to 25 years on entry	IPSTARTAGE ≥ 21 and IPSTARTAGE < 26
26_30	26 to 30 years on entry	IPSTARTAGE ≥ 26 and IPSTARTAGE < 31
31_40	31 to 40 years on entry	IPSTARTAGE ≥ 31 and IPSTARTAGE < 41
41_50	41 to 50 years on entry	IPSTARTAGE ≥ 41 and IPSTARTAGE < 51
51+	51 years and over on entry	Otherwise

IPSEX

This is a key field

113. This field indicates the sex of the student.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
1	Male	SEXID = 1
2	Female	SEXID = 2

Value	Description	Definition
9	Other sex	Otherwise

Note: For records taken from the 2011-12 HESA Student record and earlier, GENDER is used instead of SEXID.

IPSOURCE = ILR

Value	Description	Definition
1	Male	SEX = M
2	Female	SEX = F
9	Other sex	Otherwise

Note: For records taken from the 2010-11 ILR, ST_SEX (L13) is used instead of SEX.

IPDISABLETYPE

This is a key field

114. This field indicates the type of disability the student has reported.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
COG	The student has cognitive or learning difficulties	DISABLE in (11, 51)
MH	The student has a mental health condition	DISABLE in (06, 55)
MULTI	The student has multiple or other impairments	DISABLE in (05, 08, 96)
NONE	The student has no disability reported or an unknown disability type	DISABLE in (00, 97, 98, 99, *BLANK*)
PHY	The student has a sensory, medical or physical impairment	DISABLE in (02, 03, 04, 07, 54, 56, 57, 58)
SOC	The student has a social or communication impairment	DISABLE in (10, 53)

IPSOURCE = ILR

Value	Description	Definition
COG	The student has cognitive or learning difficulties	(IPBASEYEAR ≥ 2015 and LLDDCAT in (3, 10, 11, 12, 13, 94, 96)) or (IPBASEYEAR < 2015 and LLDD_LD in (1, 2, 10, 11, 19, 90, 97) and LLDD_DS in (98, 99, *BLANK*))
MH	The student has a mental health condition	(IPBASEYEAR ≥ 2015 and LLDDCAT = 9) or (IPBASEYEAR < 2015 and LLDD_DS = 7 and LLDD_LD in (98, 99, *BLANK*))
MULTI	The student has multiple or other impairments	(IPBASEYEAR ≥ 2015 and LLDDCAT in (2, 97)) or (IPBASEYEAR < 2015 and LLDD_DS = 90, 97 or (LLDD_DS not in (98, 99, *BLANK*) and LLDD_LD not in (98, 99, *BLANK*)))
NONE	The student has no disability reported or an unknown disability type	(IPBASEYEAR ≥ 2015 and LLDDCAT in (98, 99, *BLANK*)) or

Value	Description	Definition
		(IPBASEYEAR < 2015 and LLDD_DS = 98, 99, *BLANK* and LLDD_LD = 98, 99, *BLANK*)
PHY	The student has a sensory, medical or physical impairment	(IPBASEYEAR ≥ 2015 and LLDDCAT in (4, 5, 6, 7, 16, 93, 95)) or (IPBASEYEAR < 2015 and LLDD_DS in (1, 2, 3, 4, 5, 8, 9) and LLDD_LD in (98, 99, *BLANK*))
SOC	The student has a social or communication impairment	(IPBASEYEAR ≥ 2015 and LLDDCAT in (1, 8, 14, 15, 17)) or (IPBASEYEAR < 2015 and (LLDD_DS in (6, 10) and LLDD_LD in (98, 99, *BLANK*)) or (LLDD_LD = 20 and LLDD_DS in (98, 99, *BLANK*)))

Notes:

- Where the student has multiple types of learning difficulty, disability or health problem, the value of LLDDCAT with an associated value of PRIMARYLLDD = 1 is used.
- Where LLDDType has been returned as LD, LLDD_LD contains the respective value of LLDDCode. Where LLDDType has been returned as DS, LLDD_DS contains the respective value of LLDDCode.

- For records taken from the 2010-11 ILR, ST_DISEF (L15) is used instead of LLDD_DS and ST_LDIFF (L16) is used instead of LLDD_LD.

IPDISABLE

This is a key field

115. This field indicates whether the student has a disability reported.

IPSOURCE = HESASTU

Value	Description	Definition
Y	Disability reported	DISABLE not in (00, 97, 98, 99, *BLANK*)
N	No disability reported	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
Y	Disability reported	DISABLE not in (00, *BLANK*)
N	No disability reported	Otherwise

IPSOURCE = ILR

Value	Description	Definition
Y	Disability reported	LLDDHEALTHPROB = 1 or LLDDCAT not in (98, 99, *BLANK*) or LLDD_DS not in (98, 99, *BLANK*) or LLDD_LD not in (98, 99, *BLANK*)
N	No disability reported	Otherwise

Notes:

- LLDDCAT is only used from 2015-16 onwards. Where the student has multiple types of learning difficulty, disability or health problem, the value of LLDDCAT with an associated value of PRIMARYLLDD = 1 is used.
- LLDD_DS and LLDD_LD are only used before 2015-16. Where LLDDType has been returned as LD, LLDD_LD contains the respective value of LLDDCode. Where LLDDType has been returned as DS, LLDD_DS contains the respective value of LLDDCode.
- For records taken from the 2011-12 ILR, LLDDIND is used instead of LLDDHEALTHPROB.
- For records taken from the 2010-11 ILR, ST_DISAB (L14) is used instead of LLDDHEALTHPROB, and ST_DISEF (L15) is used instead of LLDD_DS and ST_LDIFF (L16) is used instead of LLDD_LD.

IPETHNICDETAIL

116. This field indicates the student's ethnicity, split into 16 groups.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
A_01	Asian or Asian British – Bangladeshi	ETHNIC = 33
A_02	Asian or Asian British - Chinese	ETHNIC = 34
A_03	Asian or Asian British - Indian	ETHNIC = 31
A_04	Asian or Asian British - Pakistani	ETHNIC = 32
A_05	Asian or Asian British - other	ETHNIC = 39
B_01	Black or black British - African	ETHNIC = 22
B_02	Black or black British - Caribbean	ETHNIC = 21
B_03	Black or black British - other	ETHNIC = 29
M_01	Mixed - white and Asian	ETHNIC = 43
M_02	Mixed - white and black African	ETHNIC = 42
M_03	Mixed - white and black Caribbean	ETHNIC = 41

Value	Description	Definition
M_04	Mixed - other	ETHNIC = 49
O_01	Other ethnic group	ETHNIC in (50, 80)
O_02	Gypsy or Traveller	ETHNIC in (14, 15)
W_04	White	ETHNIC in (10, 11, 12, 13, 19)
U	Refused, unknown or not collected	Otherwise

IPSOURCE = ILR

Value	Description	Definition
A_01	Asian or Asian British - Bangladeshi	ETHNICITY in (11, 41)
A_02	Asian or Asian British - Chinese	ETHNICITY in (18, 42)
A_03	Asian or Asian British - Indian	ETHNICITY in (12, 39)
A_04	Asian or Asian British - Pakistani	ETHNICITY in (13, 40)
A_05	Asian or Asian British - other	ETHNICITY in (14, 43)
B_01	Black or black British - African	ETHNICITY in (15, 44)
B_02	Black or black British - Caribbean	ETHNICITY in (16, 45)
B_03	Black or black British - other	ETHNICITY in (17, 46)
M_01	Mixed - white and Asian	ETHNICITY in (19, 37)
M_02	Mixed - white and black African	ETHNICITY in (20, 36)
M_03	Mixed - white and black Caribbean	ETHNICITY in (21, 35)
M_04	Mixed - other	ETHNICITY in (22, 38)
O_01	Other ethnic group	ETHNICITY in (47, 98)
O_02	Gypsy or Traveller	ETHNICITY = 33
W_04	White	ETHNICITY in (23, 24, 25, 31, 32, 34)
U	Refused or unknown	Otherwise

Note: For records taken from the 2010-11 ILR, ST_ETHNI (L12) is used instead of ETHNICITY.

IPETHNIC

This is a key field

117. This field indicates the student's ethnicity to a broad level.

Value	Description	Definition
A	Asian	IPETHNICDETAIL in (A_01, A_02, A_03, A_04, A_05)
B	Black	IPETHNICDETAIL in (B_01, B_02, B_03)
M	Mixed	IPETHNICDETAIL in (M_01, M_02, M_03, M_04)
O	Other	IPETHNICDETAIL in (O_01, O_02)
W	White	IPETHNICDETAIL in (W_04)
U	Refused, unknown or not collected	IPETHNICDETAIL = U

IPSECTYPE

IPSOURCE = HESASTU

118. This field indicates whether the socioeconomic classification of the student is based on the occupation of the student or on the occupation of their parent, depending upon the student's age at the start of their course. IPSECTYPE is only applicable for UK-domiciled, full-time or apprenticeship, undergraduate students who applied via UCAS.

119. This field is calculated for years 2015-16 onwards. For earlier years IPSECTYPE is blank. To ensure the data is of sufficient quality for its primary applications within the OfS functions related to access and participation, population restrictions for this field have been applied based on the data quality framework: https://www.officeforstudents.org.uk/publications/differences-in-student-outcomes-further-characteristics/.

Value	Description	Definition
M	The student is aged 21+ and is assigned a SEC value based on the student's occupation	SEC ≠ *BLANK* and 21 ≤ IPSTARTAGE and UCASAPPID ≠ *BLANK* and DFAPAPPEXCL = 0 and IPLEVEL in (DEG, OUG, PUGD) and IPMODE in (FT, APPR)
Y	The student is under 21 and is assigned a SEC value based on the parent's occupation	SEC ≠ *BLANK* and 10 ≤ IPSTARTAGE < 21 and UCASAPPID ≠ *BLANK* and DFAPAPPEXCL = 0 and IPLEVEL in (DEG, OUG, PUGD) and IPMODE in (FT, APPR)
NA	The student is not assigned a SEC value	Otherwise

IPSOURCE = HESASAR and ILR

120. This field is not calculated.

IPSEC

This is a key field

IPSOURCE = HESASTU

121. This field indicates the socioeconomic classification of the student based on the occupation of the student if they are aged 21 or over at the start of their course, or it is based on the occupation of their parent if the student is under 21 at the start of their course. If the parent or guardian is retired or unemployed, this is based on their most recent occupation.

122. This field is calculated for years 2015-16 onwards. For earlier years IPSEC is blank.

Value	Description	Definition
Value of SEC	The student is assigned their SEC value	IPSECTYPE in (M, Y)
NA	Not applicable	Otherwise

IPSOURCE = HESASAR or ILR

123. This field is not calculated.

IPPARED

IPSOURCE = HESASTU

124. This field indicates whether a student's parents had any higher education qualifications when the student started their studies. IPPARED is only applicable for UK-domiciled, full-time or apprenticeship, undergraduate students who applied via UCAS.

125. This field is calculated for years 2013-14 onwards. For earlier years IPPARED is blank. To ensure the data is of sufficient quality for its primary applications within the OfS functions related to access and participation, population restrictions for this field have been applied based on the data quality framework: https://www.officeforstudents.org.uk/publications/differences-in-student-outcomes-further-characteristics/.

Value	Definition
Value of PARED	PARED ≠ *BLANK* and UCASAPPID ≠ *BLANK* and DFAPAPPEXCL = 0 and IPLEVEL in (DEG, OUG, PUGD) and IPMODE in (FT, APPR)
NA	Otherwise

IPSOURCE = HESASAR or ILR

126. This field is not calculated.

IPCARELEAVER

IPSOURCE = HESASTU

127. This field indicates whether a student is a care leaver. IPCARELEAVER is only applicable for UK-domiciled, full-time or apprenticeship, undergraduate students who applied via UCAS.

128. This field is calculated for years 2014-15 onwards. For earlier years IPCARELEAVER is blank. To ensure the data is of sufficient quality for its primary applications within the OfS functions related to access and participation, population restrictions for this field have been applied based on the data quality framework: https://www.officeforstudents.org.uk/publications/differences-in-student-outcomes-further-characteristics/.

Value	Definition
Value of CARELEAVER	CARELEAVER ≠ *BLANK* and UCASAPPID ≠ *BLANK* and DFAPAPPEXCL = 0 and IPLEVEL in (DEG, OUG, PUGD) and

Value	Definition
	IPMODE in (FT, APPR)
NA	Otherwise

IPSOURCE = HESASAR or ILR

129. This field is not calculated.

IPSEXORT

This is a key field

IPSOURCE = HESASTU

130. This field indicates the student's sexual orientation based on their own self-assessment.

131. This field is calculated for years 2015-16 onwards. For earlier years IPSEXORT is blank.

Value	Definition
Value of SEXORT	SEXORT ≠ *BLANK*
NA	Otherwise

IPSOURCE = HESASAR or ILR

132. This field is not calculated.

IPPOSTCODE

IPSOURCE = HESASTU or HESASAR

133. This field shows the postcode of the student's permanent or home address prior to entry to the course. IPPOSTCODE is equal to POSTCODE.

IPSOURCE = ILR

134. This field shows the postcode prior to enrolment. IPPOSTCODE is equal to POSTCODEPRIOR. For records taken from the 2010-11 ILR, ST_POSTC (L17) is used instead of POSTCODEPRIOR.

IPHOMETTWA

135. This field shows the 2011 travel to work area code in which the student's home postcode is located.

Value	Description	Definition
Travel to work area code of home postcode	Travel to work area of home postcode	IPUKFLAG = 1 and IPPOSTCODE can be mapped to a travel to work area
UNKNOWN	Travel to work area of home postcode not known	Otherwise

IPDOM

This is a key field

136. This field indicates whether the student's domicile is a country in the UK, an EU country or elsewhere.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
E	England	XDOMHM01 = 1
S	Scotland	XDOMHM01 = 2
W	Wales	XDOMHM01 = 3
N	Northern Ireland	XDOMHM01 = 4
EU	European Union	XDOMHM01 = 6

Value	Description	Definition
OTHER	Other international	XDOMHM01 = 5,7
UNKNOWN	Unknown Domicile	Otherwise

IPSOURCE = ILR

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

Value	Description	Definition
		IPPOSTCODE is in Scotland
W	Wales	DOMICILE = XI or (DOMICILE in (XJ, XK, GB) and (IPPOSTCODE is in Wales or ((IPPOSTCODE = *BLANK* or IPPOSTCODE begins ZZ) and IPCOUNTRY = W))) 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 ((IPPOSTCODE = *BLANK* or IPPOSTCODE begins ZZ) and IPCOUNTRY = N))) or (DOMICILE in (ZZ, *BLANK*) and IPPOSTCODE is in Northern Ireland

Value	Description	Definition
EU	European Union	DOMICILE in (AI, AN, AQ, AT, AW, AX, BE, BG, BL, BM, BQ, CH, CW, CY, CZ, DE, DK, EE, ES, EU, FI, FK, FO, FR, GF, GI, GL, GP, GR, GS, HR, HU, IC, IE, IO, IS, IT, KY, LI, LT, LU, LV, MF, MQ, MS, MT, NC, NL, NO, PF, PL, PM, PN, PT, RE, RO, SE, SH, SI, SK, SX, TC, TF, VG, WF, XA, XD, XE, YT)
UNKNOWN	Unknown Domicile	DOMICILE in (ZZ, *BLANK*) and IPPOSTCODE = *BLANK* or IPPOSTCODE invalid
OTHER	Other international	Otherwise

Note: For records taken from the 2010-11 ILR, ST_DOMIC (L24) is used and ST_DOMIC = XK is assigned to IPDOM = OTHER. In addition, Croatia (DOMICILE = HR) will only count as IPDOM = EU from 2013-14 onwards.

IPUKFLAG

137. This field indicates whether the student's domicile is in the UK.

Value	Description	Definition
1	Student is domiciled in the UK	IPDOM in (E, S, W, N)
0	Student is not known to be domiciled in the UK	Otherwise

IPPOLAR4

This is a key field

138. This field shows, for UK-domiciled students only (IPUKFLAG = 1), the young higher education participation rate quintile of the student's 2011 Middle Super Output Area (for England and Wales), 2001 Intermediate Zone (for Scotland) or 2011 Super Output Area (for Northern Ireland) on entry. The Participation of Local Areas (POLAR4) measure is used to assign the quintiles.

139. Values are assigned as 1 to 5, with 1 being the quintile of lowest participation rate. Unknown or invalid postcodes are instead set as IPPOLAR4 = UNKNOWN. Students not domiciled in the UK are set as IPPOLAR4 = NA. Further information about the terminology used in census geography can be found on the ONS website.[9]

IPTUNDRALOOKUP

This is a key field

140. This field shows, for students domiciled in England (IPDOM = E), the young higher education participation rate quintile of the student's 2011 Middle Super Output Area (MSOA); the Tracking underrepresentation by area (TUNDRA) measure is used. TUNDRA utilises the tracking of state-funded mainstream school pupils in England to calculate the young participation in each MSOA; however, this lookup field is assigned regardless of the state-school status of the record.

141. Values are assigned as 1 to 5, with 1 being the quintile of lowest participation rate. Unknown or invalid postcodes are instead set as IPTUNDRALOOKUP = UNKNOWN. Students not domiciled in England are set as IPTUNDRALOOKUP = NA. Further information about the terminology used in census geography can be found at https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography.

IPIMDNATION

This is a key field

142. This field shows the Index of Multiple Deprivation (IMD) quintile of a student as well as the UK nation whose measure has been used to attribute their quintile. Values take the form as shown below where X is from 1 to 5, 1 being the quintile of highest deprivation.

143. IMD is a relative measure of deprivation and has been calculated separately for each UK nation. As such, the IMD quintile of a student from one UK nation is not comparable with that of a student from a different UK nation.

[9] See https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography.

Value	Description
E[X]	For students with a home postcode (IPPOSTCODE) in England, the English Index of Multiple Deprivation 2019 quintile
W[X]	For students with a home postcode (IPPOSTCODE) in Wales, the Welsh Index of Multiple Deprivation 2019 quintile
S[X]	For students with a home postcode (IPPOSTCODE) in Scotland, the Scottish Index of Multiple Deprivation 2020 quintile
N[X]	For students with a home postcode (IPPOSTCODE) in Ireland, the Northern Ireland Multiple Deprivation Measure 2017 quintile
UNKNOWN	Unknown or invalid home postcode (IPPOSTCODE) for students domiciled in the UK
NA	Student is not domiciled in the UK

IPCONABCS

This is a key field

144. This field contains the associations between characteristics of students (ABCS) quintile for continuation. ABCS continuation methodology identifies groups of students by how likely they are to continue in higher education based on a set of student characteristics. For full-time and apprenticeship students (IPSTARTMODE = FT or IPSTARTMODE = APPR), the full-time continuation ABCS grouping is used. For part-time students (IPSTARTMODE = PT), the part-time ABCS grouping is used. Where a student was in the UK-domiciled entrant population for continuation and completion measures, the field will either contain the values 1 to 5, corresponding to the relevant ABCS quintile, or it will contain the value 99 where a student was not able to be linked to a quintile. If a student was not in this population, the field will be blank. More information about ABCS and the student characteristics used can be found at www.officeforstudents.org.uk/publications/update-to-associations-between-characteristics-of-students/.

Fields used to describe the location of study

IPLOCATION

IPSOURCE = HESASTU or ILR

145. This field is not calculated.

IPSOURCE = HESASAR

146. This field shows the student's location identifier. For the 2014-15 HESA Student Alternative record data, it shows the value of LOCATION. For the 2015-16 HESA Student Alternative record data onwards, it shows the location identifier (LOCATION) associated with the most recent active instance period in the year.

IPLOCPOSTCODE

147. This field shows the student's location of study postcode.

IPSOURCE = HESASTU

148. Where a student is taught at the registering provider (IPUKPRNTC = IPUKPRNRC), this field shows the postcode of the campus (CAMPID) with which a student's study is associated. Where a student is taught at another provider (IPUKPRNTC ≠ IPUKPRNRC), this field shows either the legal or contact postcode of the provider (as shown on the UK Register of Learning Providers).

149. Where the student is taught at another provider (IPUKPRNTC ≠ IPUKPRNRC), we decide whether to use the legal or postcode of the teaching provider as follows. We consider the distance between term-time postcode (TTPCODE) and the legal and contact postcode across all students for each unique combination of IPUKPRNTC and IPUKPRNRC in the latest year of data in which we can find that unique combination. Whichever of the legal and contact postcode has the lowest median distance across all students is used as the location of teaching.

IPSOURCE = HESASAR

150. For the 2019-20 HESA Student Alternative record and later, the postcode of the campus (determined by CAMPID) is used where it is available. Where this is unavailable, and in all other years, it shows the postcode of the location (IPLOCATION) in which the course was taught. If neither of these pieces of information are available, the legal postcode associated with the UKPRN of the registering provider (IPUKPRNRC) is used.

IPSOURCE = ILR

151. For the 2015-16 ILR return and later, it shows the value of HEPOSTCODE where it exists and does not begin with ZZ, or DELLOCPOSTCODE otherwise. For the 2010-11 ILR return, it shows QA_PCWRK (A23). For all other years, it shows DELLOCPOSTCODE.

IPLOCSDY

152. This field shows the location of study.

IPSOURCE = HESASTU

153. IPLOCSDY is equal to LOCSDY

IPSOURCE = HESASAR

154. This field is set to the LOCSDY associated with the most recent active instance period in the year.

IPSOURCE = ILR

155. This field is not calculated.

IPDL

This is a key field

156. This field indicates whether a student is a distance learning student.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
1	The student is a distance learning student	IPLOCSDY in (6, 9)
0	The student is not known to be a distance learning student	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	The student is a distance learning student	IPLOCPOSTCODE begins ZZ
0	The student is not known to be a distance learning student	Otherwise

IPSTUDYTTWA

157. This field shows the 2011 travel to work area code in which the student's location of study postcode is located. For distance learning students, their home postcode is used instead. For more information on travel to work areas, see the ONS website.[10]

Value	Description	Definition
Value of IPHOMETTWA	Distance learning student	IPDL = 1
Travel to work area code of location of study postcode	Travel to work area code of location of study postcode	IPLOCPOSTCODE can be mapped to a travel to work area and not above
UNKNOWN	Travel to work area of location of study postcode not known	Otherwise

IPTTPCODETTWA

158. This field shows the 2011 travel to work area code in which the student's term-time postcode is located.

IPSOURCE = HESASTU

Value	Description	Definition
Travel to work area code of term-time postcode	Travel to work area of term-time postcode	TTPCODE can be mapped to a travel to work area

[10] See https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography/.

Value	Description	Definition
UNKNOWN	Travel to work area of term-time postcode not known	Otherwise

IPSOURCE = HESASAR

159. This field is not calculated.

IPSOURCE = ILR

Value	Description	Definition
Travel to work area code of term-time postcode	Travel to work area of term-time postcode	POSTCODE can be mapped to a travel to work area
UNKNOWN	Travel to work area of term-time postcode not known	Otherwise

Note: This field is only defined where IPSOURCE = ILR for base years greater than or equal to 2014.

IPSTUDYLOCTYPE

This is a key field

160. This field indicates the proximity of a student's location of study to their address prior to entry. It also identifies distance learners and accounts for UK and non-UK-domiciled students.

Value	Description	Definition
L_01	The student is UK-domiciled, not a distance learner and their location of study is in the same travel to work area as their address prior to entry	IPUKFLAG = 1 and IPHOMETTWA = IPSTUDYTTWA and IPHOMETTWA ≠ UNKNOWN and

Value	Description	Definition
		IPSTUDYTTWA ≠ UNKNOWN and IPDL ≠ 1
D_00	The student is a non-UK-domiciled distance learner	IPUKFLAG = 0 and IPDL = 1 and not above
D_01	The student is a UK-domiciled distance learner	IPUKFLAG = 1 and IPDL = 1 and not above
M_00	The student is non-UK-domiciled and not a distance learner	IPUKFLAG = 0 and not above
M_01	The student is UK-domiciled, not a distance learner and their location of study is not in the same travel to work area as their address prior to entry	IPUKFLAG = 1 and IPHOMETTWA ≠ IPSTUDYTTWA and IPHOMETTWA ≠ UNKNOWN and IPSTUDYTTWA ≠ UNKNOWN and not above
U	Study location type not known	Otherwise

IPCOMMUTE

161. This field indicates whether a student commutes to their location of study; a commuter is defined as a non-distance learner whose term-time address is not local to their location of study. For students on industrial placements or on a year abroad, it is not known whether the student commutes and this field is set to U.

IPSOURCE = HESASTU or ILR

Value	Description	Definition
Y	The student commutes to their location of study	IPTTPCODETTWA ≠ IPSTUDYTTWA and IPSTUDYTTWA ≠ UNKNOWN and IPTTPCODETTWA ≠ UNKNOWN and IPLOCSDY not in (D, T) and IPDL ≠ 1
N	The student does not commute to their location of study	(IPTTPCODETTWA = IPSTUDYTTWA and IPSTUDYTTWA ≠ UNKNOWN and IPTTPCODETTWA ≠ UNKNOWN and IPLOCSDY not in (D, T)) or IPDL = 1
U	It is unknown whether the student commutes	Otherwise

Note: This field is only defined for base years greater than or equal to 2014.

IPSOURCE = HESASAR

162. This field is not calculated.

Fields used to derive populations of students

OFSHE

163. 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. The following are excluded:

- Students duplicated across different student returns
- Incoming exchange students
- Students that left within two weeks without any award
- Students that are not on a HE aim
- Students on subject knowledge enhancement (SKE) courses
- Records in the ILR that are an apprentice standard 'wrapper' programme aim
- ILR records which have been closed to correct an incorrect LEARNPLANENDDATE.

IPSOURCE = HESASTU

Value	Description	Definition
1	Student is counted as a HE student	IPLEVELBROAD ≠ NA and IPDUP = 0 and EXCHANGE not in (2, 4, 8, 9, A, G) and TTCID not in (E, F) and (IPACTENDDATE = *BLANK* or IPACTENDDATE – IPCOMDATE > 14 or IPAWARDLEVELBROAD ≠ NA)

Value	Description	Definition
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	Student is counted as a HE student	IPLEVELBROAD ≠ NA and IPDUP = 0 and EXCHIND ≠ 1 and TTCID ≠ F and (IPACTENDDATE = *BLANK* or IPACTENDDATE – IPCOMDATE > 14 or IPAWARDLEVELBROAD ≠ NA)
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

Note: The EXCHIND associated with the most recent active instance period in the year is used.

IPSOURCE = ILR

Value	Description	Definition
1	Student is counted as a HE student	IPLEVELBROAD ≠ NA and LEARNAIMREF ≠ ZPROG001 and IPDUP = 0 and LEARNDELFAM_SOF1 not in (017, 020) and

Value	Description	Definition
		LEARNDELFAM_SOF2 not in (017, 020) and (IPACTENDDATE = *BLANK* or IPACTENDDATE – IPCOMDATE > 14 or OUTCOME in (1, 2, 4, 5, 6, 7, 8)) and (IPBASEYEAR < 2013 or (IPBASEYEAR ≥ 2013 and (COMPSTATUS not in (3, 4) or WITHDRAWREASON ≠ 40 or LEARNACTENDDATE ≠ 1 August 20YY)))
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

Note: For records taken from the 2010-11 ILR, QA_FEHE1 (A11A) and QA_FEHE2 (A11B) are used instead of LEARNDELFAM_SOF1 and LEARNDELFAM_SOF2. Incoming Erasmus students are not identifiable within 2013-14 and later ILR records, where 017 and 020 are no longer available for use in LEARNDELFAM_SOF1/2. ILR records returned to the ESFA with COMPSTATUS=3 and WITHDRAWREASON=40 will have the value of COMPSTATUS changed to 4 by the ESFA for later years.

IPHECAT

This is a key field

164. This field categorises students into key subsets of the higher education population for the purposes of understanding student lifecycle indicators.

IPSOURCE = HESASTU

Value	Description	Definition
1	Student is registered at a UK provider but is mainly studying abroad	OFSHE = 1 and (EXCHANGE = Z or IPLOCSDY = S)
2	Student is mainly studying in the UK and is aiming for credit or modular provision rather than a qualification	OFSHE = 1 and IPLEVEL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and not above
3	Student is mainly studying in the UK and is aiming for a qualification but is dormant or sabbatical	OFSHE = 1 and (REDUCEDI = 04 or IPMODE = OTH) and not above
4	Student is mainly studying in the UK and is writing up on a qualification aim	OFSHE = 1 and IPMODE in (WUPFT, WUPPT) and not above
5	Student is mainly studying in the UK and is actively studying on a qualification aim	OFSHE = 1 and not above
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	Student is registered at a UK provider but is mainly studying abroad	OFSHE = 1 and IPLOCSDY = S
2	Student is mainly studying in the UK and is aiming for credit or modular provision rather than a qualification	OFSHE = 1 and IPLEVEL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and not above
3	Student is mainly studying in the UK and is aiming for a qualification but is dormant or sabbatical	OFSHE = 1 and IPMODE = OTH and not above
4	Student is mainly studying in the UK and is writing up on a qualification aim	OFSHE = 1 and IPMODE in (WUPFT, WUPPT) and not above
5	Student is mainly studying in the UK and is actively studying on a qualification aim	OFSHE = 1 and not above
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

IPSOURCE = ILR

Value	Description	Definition
2	Student is mainly studying in the UK and is aiming for credit or modular provision rather than a qualification	OFSHE = 1 and

Value	Description	Definition
		IPLEVEL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC)
5	Student is mainly studying in the UK and is actively studying on a qualification aim	OFSHE = 1 and not above
0	Student is not counted as a HE student as they are excluded by one of the clauses in paragraph 163	Otherwise

IPDUP

165. This field indicates students in the HESA Student, HESA Student Alternative or ILR record who we believe also exist in another provider's student record. Duplicated records will be discarded from the indicator populations to avoid double counting. A record is flagged as a duplicate if two courses studied by the same student have all of the following information in common:

- taught at the same provider
- at the same level (for instance HNDs, HNCs, first degrees, foundation degrees, PGCEs or diplomas)
- in the same subject (based on JACS Level 1 subject hierarchy, or CAH1 for records where only HECOS is available)
- of the same mode (using IPMODE)
- overlapping by a month (or, if one of the courses is less than a month's duration, by an overlap equal to the shortest course's length).

166. Person-based linking is used in order to identify duplicates between providers, as described in paragraphs 176-178.

Value	Definition
1	Student appears to exist in another provider's HESA Student, HESA Student Alternative or ILR record
0	No duplicates found using the criteria listed in paragraph 165.

IPAYDUP

This is a key field

167. This field determines whether the student record is used in calculations of student headcounts where we count each student's year of programme of study once. It ensures that similar activity is counted in a similar way irrespective of when it occurs. It primarily de-duplicates activity for students on non-standard academic years so that each student record is counted once and only once for each year of programme of study.

IPSOURCE = HESASTU

Value	Description	Definition
1	The student has been recorded with a starting date beyond the current academic year	IPCOMDATE > 31 July 20YY+1
1	The student left their course within 14 days of their anniversary or within 14 days of their starting date without an award	IPACTENDDATE ≠ *BLANK* and (IPACTENDDATE < 1 August 20YY or ((IPACTENDDATE ≤ IPANNIV + 14 or IPACTENDDATE ≤ IPCOMDATE + 14) and (IPCOMDATE < 1 August 20YY or OFSHE ≠ 1 or IPACTENDDATE > IPCOMDATE + 14)))
1	The student is finishing a course running across HESA reporting years	IPACTENDDATE = *BLANK* and TYPEYR = 5
1	The student is on a non-standard academic year and has suspended studies	IPACTENDDATE = *BLANK* and

Value	Description	Definition
		TYPEYR = 2 and NOTACT in (1, 2)
0	The student record is used in calculations of student headcounts where we count each student's year of programme of study once	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	The student has been recorded with a starting date beyond the current academic year	IPCOMDATE > 31 July 20YY+1
1	The student left their course or ended their instance period within 14 days of their anniversary or within 14 days of their starting date without an award	(IPACTENDDATE ≠ *BLANK* or PERIODEND ≤ IPANNIV + 14) and (IPACTENDDATE < 1 August 20YY or ((IPACTENDDATE ≤ IPANNIV + 14 or IPACTENDDATE ≤ IPCOMDATE + 14) and (IPCOMDATE < 1 August 20YY or OFSHE ≠ 1 or IPACTENDDATE > IPCOMDATE + 14)))
0	The student record is used in calculations of student headcounts where we count each student's year of programme of study once	Otherwise

Note: The PERIODEND associated with the latest active instance period using the same methodology as HESA for XPSR01.[11]

[11] See https://www.hesa.ac.uk/collection/c19051/derived/xpsr01.

IPSOURCE = ILR

Value	Description	Definition
1	The student has been recorded with a starting date beyond the current academic year	IPCOMDATE > 31 July 20YY + 1
1	The student left their course within 14 days of their anniversary or within 14 days of their starting date without an award	IPACTENDDATE ≠ *BLANK* and (IPACTENDDATE < 1 August 20YY or ((IPACTENDDATE ≤ IPANNIV + 14 or IPACTENDDATE ≤ IPCOMDATE + 14) and (IPCOMDATE < 1 August 20YY or OFSHE ≠ 1 or IPACTENDDATE > IPCOMDATE + 14)))
1	The student is finishing a course running across HESA reporting years	IPACTENDDATE = *BLANK* and TYPEYR = 5
0	The student record is used in calculations of student headcounts where we count each student's year of programme of study once	Otherwise

IPCONTEXTPOP

This is a key field

168. This field indicates whether a student should be counted towards contextual information.

169. IPCONTEXTPOP is calculated once per student at mode and broad level. This means that the following deduplication is applied:

a. A student is only counted once per IPUKPRNRC, IPMODE and IPLEVELBROAD for each IPBASEYEAR

b. If the student appears multiple times at a single combination of IPMODE and IPLEVELBROAD, the record with the highest level (according to IPLEVELNUM) is prioritised.

c. If there are multiple records at the highest level, the record that would be counted towards entrant or qualifier contextual populations (or both) is prioritised.

d. If there are still multiple records in the entrant or qualifier contextual populations, the record is chosen consistently by considering identifiers UKPRN, HUSID, LEARNREFNUMBER, AIMSEQNUMBER and NUMHUS alphabetically.

170. A student may fall into multiple populations, for example a student on a one year course could count towards the entrant and qualifier population. To account for this, the contextual population is constructed as follows:

a. For all students, values 1, 2, 3 and 4 are used

b. For entrants, values 1 and 2 are used

c. For qualifiers, values 1 and 3 are used

IPSOURCE = HESASTU

Value	Description	Definition
0	The student is not counted in the contextual population	IPHECAT in (0, 3, 4) or IPAYDUP = 1 or Student is not counted towards the contextual population after deduplication (see paragraph 169)
1	The student is counted in the entrant and qualifier contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and IPAWARDLEVELBROAD ≠ NA and ((IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1) or

Value	Description	Definition
		(COLFROMPROV ≠ *BLANK* and COLFROMDATE ≥ 1 August 20YY and COLFROMDATE < 1 August 20YY+1 and (IPACTENDDATE = *BLANK* or IPACTENDDATE – COLFROMDATE > 14 days))) and not above
2	The student is counted in the entrant contextual population but not the qualifier contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and ((IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1) or (COLFROMPROV ≠ *BLANK* and COLFROMDATE ≥ 1 August 20YY and COLFROMDATE < 1 August 20YY+1 and (IPACTENDDATE = *BLANK* or IPACTENDDATE – COLFROMDATE > 14 days))) and not above
3	The student is counted in the qualifier contextual population but not the entrant contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and

Value	Description	Definition
		IPAWARDLEVELBROAD ≠ NA and not above
4	The student is counted in the contextual population, but not as a qualifier or entrant	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and not above

IPSOURCE = HESASAR

Value	Description	Definition
0	The student is not counted in the contextual population	IPHECAT in (0, 3, 4) or IPAYDUP = 1 or Student is not counted towards the contextual population after deduplication (see paragraph 169)
1	The student is counted in the entrant and qualifier contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and IPAWARDLEVELBROAD ≠ NA and IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1 and not above
2	The student is counted in the entrant contextual population but not the qualifier contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and IPCOMDATE ≥ 1 August 20YY and

Value	Description	Definition
		IPCOMDATE < 1 August 20YY+1 and not above
3	The student is counted in the qualifier contextual population but not the entrant contextual population	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and IPAWARDLEVELBROAD ≠ NA and not above
4	The student is counted in the contextual population, but not as a qualifier or entrant	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and not above

IPSOURCE = ILR

Value	Description	Definition
0	The student is not counted in the contextual population	IPHECAT = 0 or IPAYDUP = 1 or Student is not counted towards the contextual population after deduplication (see paragraph 169)
1	The student is counted in the entrant and qualifier contextual population	IPHECAT in (2, 5) and IPAYDUP = 0 and IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1 and

Value	Description	Definition
		OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVELBROAD ≠ NA and not above
2	The student is counted in the entrant contextual population but not the qualifier contextual population	IPHECAT in (2, 5) and IPAYDUP = 0 and IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1 and not above
3	The student is counted in the qualifier contextual population but not the entrant contextual population	IPHECAT in (2, 5) and IPAYDUP = 0 and OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVELBROAD ≠ NA and not above
4	The student is counted in the contextual population, but not as a qualifier or entrant	IPHECAT in (2, 5) and IPAYDUP = 0 and not above

Note: For records taken from the 2011-12 ILR, OUTCOMEIND is used instead of OUTCOME, and for the 2010-11 ILR, QA_OUTCO (A35) is used instead of OUTCOME.

DFAPAPPEXCL

This is a key field

171. This field is only relevant to the construction of the access and participation data dashboard.

172. This field indicates previous students who would have fallen within the broad scope of access and participation plans, which cover UK-domiciled undergraduate students. For the associated OfS registration condition and other purposes, 'qualifying persons' on 'qualifying courses' are prescribed by regulations made under the Higher Education and Research Act 2017. The current regulations are The Higher Education (Fee Limit Condition) (England) Regulations 2017 (SI 2017/1189).

Value	Description	Definition
0	The student would be in scope of access and participation plans	IPUKFLAG = 1 and (IPLEVEL in (DEG, OUG, PUGD, PUGO) or IPAWARDLEVEL in (DEG, OUG, PUGD, PUGO))
1	The student would not be in scope of access and participation plans	Otherwise

IPQUALIFIER

173. This field indicates whether the student qualified at higher education (HE) level.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
1	Student was not mainly studying abroad and qualified with a higher education level qualification	IPHECAT in (2, 3, 4, 5) and IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, NONE, FE)

Value	Description	Definition
2	Student was not mainly studying abroad and qualified with higher education level credit or modules	IPHECAT in (2, 3, 4, 5) and IPAWARDLEVEL in (PGCREDIT, UGCREDIT)
3	Student was mainly studying abroad and qualified at higher education level	IPHECAT = 1 and IPAWARDLEVEL not in (NONE, FE)
0	Student was not in the HE population, has not qualified, or qualified with a further education level qualification	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	Student qualified with a higher education level qualification	IPHECAT in (2, 5) and OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, NONE, FE)
2	Student qualified with higher education level credit or modules	IPHECAT in (2, 5) and OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVEL in (PGCREDIT, UGCREDIT)
0	Student was not in the HE population, has not qualified, or qualified with a further education level qualification	Otherwise

Note: For records taken from the 2011-12 ILR, OUTCOMEIND is used instead of OUTCOME, and for the 2010-11 ILR, QA_OUTCO (A35) is used instead of OUTCOME.

IPUGQUALIFIER

174. This field indicates whether the student qualified at undergraduate level. It excludes students who qualified at undergraduate level but were studying at postgraduate level.

Value	Description	Definition
1	Student was not mainly studying abroad and qualified with an undergraduate-level qualification	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, OUG, PUGD) and IPLEVELBROAD = UG
2	Student was not mainly studying abroad and qualified with undergraduate-level credit or modules	IPQUALIFIER = 2 and IPAWARDLEVEL = UGCREDIT and IPLEVELBROAD = UG
3	Student was mainly studying abroad and qualified at undergraduate level	IPQUALIFIER = 3 and IPAWARDLEVELBROAD = UG and IPLEVELBROAD = UG
0	Student was not in the HE population or did not qualify at undergraduate level	Otherwise

Data linking

175. For some fields it is necessary to link data between years of student data or between data sources. We employ two methods for data linking: person-based linking and instance linking.

Person-based linking

176. Person-based linking enables us to link data between years of student data and between different data sources.

177. We carry out person-based linking by linking data by combinations of first names, surname, date of birth, sex and (where available) home postcode and prior educational establishment. Spelling errors and other typographical errors (e.g. in dates) are taken into account.

178. Person-based linking can be used to link between student data and other sources of data (such as the National Pupil Database) or between different years, providers or instances of study within student data. It is based on characteristics specific to the student, such as their name, rather than information determined by what the student is studying.

Instance linking

179. For some fields, we derive information that can tell us about a student's experience on a student instance level. A student instance is designed to record the coherent engagement of a student with the provider aiming towards the award, qualification or credit which can be tracked across academic years. We use student instances in cases where it is important to distinguish the differences between any concurrent activities that are independent from one another. For example, a student has two parallel commitments to different educational aims, a BSc Physics and a Spanish module leading to credit. These educational aims are independent and, for some of our indicators, it may be useful for us to distinguish between them, even though the outcomes of each educational aim are for the same student.

180. The instance linking methodology endeavours to link instances between years even where there are provider mergers or where the provider has switched from returning ILR data to returning HESA data.

181. For students recorded in the HESA Student or HESA Student Alternative data collections, a student instance is uniquely identified by the combination of UKPRN, HUSID and NUMHUS. These data collections validate student continuity and this year-on-year linking mechanism is used as standard practice.

182. While it is theoretically possible to track a student's activity across academic years in ILR, current and historic validation processes on the ILR do not examine student continuity. This means that we have constructed our own methodology that enables us to derive a student instance and track it across academic years. Each student instance identified via this method is recorded with a unique identifier, IPINSTANCEID.

IPINSTANCEID

183. This field is an identifier for a student instance.

IPSOURCE = HESASTU or HESASAR

184. IPINSTANCEID is defined as the concatenation of IPUKPRNRC, HUSID and NUMHUS, separated by |, for example 99999999|000123456789|ABCDEF12345.

IPSOURCE = ILR

185. IPINSTANCEID is defined as the concatenation of IPUKPRNRC with the original UKPRN, LEARNREFNUMBER and IPBASEYEAR from the first time the student instance appears in the data for the provider, separated by |. There may be multiple student instances where a student studies multiple learning aims over time or even in the same year. In this case, the IPINSTANCEID is suffixed with a number corresponding to the number of instances associated with that student. For example, for a student with two instances, their IPINSTANCEID may be 99999999|99999999|000123456789|2018|2.

186. The table below contains other fields defined for the purpose of instance linking. These are defined on the basis of IPINSTANCEID.

Field	Description in relation to IPINSTANCEID
IPINSTANCEACTENDDATE	End date of instance
IPINSTANCEEXCL_PREENTROW	Exclusion flag for years of data that appear in an instance before the instance is deemed an entrant (IPENTRANTEXCL = 0)

187. The methodology for linking an ILR student instance across years of data is not described here in full. Please contact providermetrics@officeforstudents.org.uk for a full specification for instance linking.

Fields used for entry qualification information

Linking to other data sources for entry qualification information

188. To generate accurate information on student entry qualification, we have linked HESA Student, HESA Student Alternative data and ILR data with other data sources (any provider's ILR data and schools' National Pupil Database (NPD) data) to derive students' UCAS tariff points and Level 3 grade combinations for the purposes of assigning them to entry qualification groups. For ILR data it is necessary to link information with other data sources to find entry qualification information (_LINKED algorithms). HESA Student and HESA Student Alternative data contains entry qualification information, which we use to derive the XXX_HESA fields listed below (_HESA algorithms). However, for students in HESA Student and HESA Student Alternative data we also calculate _LINKED fields for two reasons, using the same method as for ILR data. Firstly, in cases of incomplete HESA Student or HESA Student Alternative we can still derive entry qualifications by linking it to other sources. Secondly, linking HESA Student and HESA Student Alternative data can correct for inconsistencies and reduces the likelihood of underestimating entry qualifications. Following this, the IPL3SOURCE algorithm selects which version should be used (as it returns the highest entry qualification information).

189. For all fields in paragraphs 192 to 219, XXXX_HESA shows the unlinked version, applicable only to HESA Student and HESA Student Alternative records. XXXX_LINKED shows the linked version, applicable to all records from all sources (HESA Student, HESA Student Alternative and ILR). XXXX (no suffix) is chosen from between these two fields according to the value of IPL3SOURCE for HESA Student and HESA Student Alternative data. For ILR data XXXX is always equal to XXXX_LINKED.

190. We link to ILR and NPD data, from 2002-03 to the academic year prior to the HESA Student, HESA Student Alternative or ILR return in question inclusive, to find prior qualifications and grades achieved for students recorded in the HESA Student, HESA Student Alternative or ILR. For example, for students in the 2017-18 HESA Student, HESA Student Alternative or ILR return, we link to ILR and NPD data from 2002-03 to 2016-17 inclusive. We use person-based linking, as described in paragraphs 176-178. The DfE does not accept responsibility for any inferences or conclusions derived from the NPD data by third parties.

191. The algorithms that follow make reference to the variables QUALTYPE and QUALGRADE.[12] The Learning Aim References recorded in ILR data have been mapped to the relevant QUALTYPE, and grades to the appropriate QUALGRADE.

[12] These variables are defined at https://www.hesa.ac.uk/collection/c19051/a/qualificationsonentry.

IPTARIFF

192. This field shows the number of UCAS tariff points that are generated by the student's entry qualifications. It is calculated using the same method as the HESA derived field XTPOINTS for 2019-20. The full specification for XTPOINTS in 2019-20 can be found on the HESA website.[13] IPTARIFF is capped at 9998.

193. For HESA Student and HESA Student Alternative data, this field will match either IPTARIFF_HESA or IPTARIFF_LINKED depending on IPL3SOURCE. For ILR data it will match IPTARIFF_LINKED.

IPTARIFF_HESA

194. This field is as above in IPTARIFF, but uses entry qualification data as returned in the HESA Student record.

IPTARIFF_LINKED

195. This field is as above in IPTARIFF, but uses entry qualification data supplemented by linking to other data sources.

IPQUALENT3

196. This field categorises students according to their highest qualification on entry using QUALENT3. For HESA Student and HESA Student Alternative data, this field will match either IPQUALENT3_HESA or IPQUALENT3_LINKED depending on IPL3SOURCE. For ILR data it will match IPQUALENT3_LINKED.

IPQUALENT3_HESA

197. This field categorises students according to their highest qualification on entry using QUALENT3 (where it exists).

IPSOURCE = HESASTU or HESASAR

198. IPQUALENT3_HESA is equal to QUALENT3.

[13] See https://www.hesa.ac.uk/collection/c19051/derived/xtpoints.

IPSOURCE = ILR

199. This field is not calculated.

IPQUALENT3_LINKED

200. IPQUALENT3_LINKED is set as follows and uses both QUALENT3 and the detailed qualification types and grades found from linking to the ILR and NPD, as described in paragraphs 188 to 191.

Value	Description	Definition
Value of QUALENT3	The highest qualification on entry is higher education, a foundation course or an International Baccalaureate	QUALENT3 = DUK, DZZ, D80, MUK, MZZ, M41, M44, M71, M80, M90, HUK, HZZ, H11, H71, H80, M2X, JUK, J10, J20, J30, J48, J49, J80, C20, C30, C44, C80, C90 or (QUALENT3 = P62, P63 and IPGRADECOMB_LINKED not in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA, AAB, AAC, ABB, ABC, ACC, BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD))
P94	The highest qualification on entry is at Level 3 and attracts tariff points	IPTARIFF_LINKED > 0 and (QUALENT3 ≠ *BLANK* or (QUALENT2 = *BLANK* and QUALENT3 = *BLANK*)) and not above
P92	The highest qualification on entry is at Level 3 and does not attract tariff points	At least one QUALTYPEZZ exists and (QUALENT3 ≠ *BLANK* or (QUALENT2 = *BLANK* and QUALENT3 = *BLANK*))

Value	Description	Definition
		and not above
Value of QUALENT3	The highest qualification on entry is at Level 3 and its tariff points cannot be determined, or it is below Level 3	QUALENT3 ≠ *BLANK* and not above
BLANK	Otherwise	Otherwise

Note: For records taken from the 2010-11 ILR, HQ_QUENT (H45) is used instead of QUALENT3. QUALENT2 only exists in ILR data for years up to and including 2012-13, so clauses involving QUALENT2 are ignored for ILR records in subsequent years.

IPQUALENT2

201. This field categorises students according to their highest qualification on entry using QUALENT2. For HESA Student and HESA Student Alternative data, this field will match either IPQUALENT2_HESA or IPQUALENT2_LINKED depending on IPL3SOURCE. For ILR data it will match IPQUALENT2_LINKED.

IPQUALENT2_HESA

202. This field categorises students according to their highest qualification on entry using QUALENT2 (where it exists).

IPSOURCE = HESASTU

203. IPQUALENT2_HESA is equal to QUALENT2 for students in 2013-14 and earlier data, or equal to XQUALENT2 for students in 2014-15 data onwards.

IPSOURCE = HESASAR or ILR

204. This field is not calculated.

IPQUALENT2_LINKED

205. IPQUALENT2_LINKED is set as follows and uses both QUALENT2 and the detailed qualification types and grades found from linking to the ILR and NPD, as described in paragraphs 188 to 191.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
Value of QUALENT2	The highest qualification on entry is higher education, a foundation course, an ONC or OND (including BTEC and Scottish Qualifications Authority (SQA) equivalents) or an International Baccalaureate	(QUALENT2 in (01, 02, 03, 04, 05, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 43, 72) or (QUALENT2 in (41, 47) and IPGRADECOMB_LINKED not in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA, AAB, AAC, ABB, ABC, ACC, BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD))) and IPQUALENT3_HESA = *BLANK*
39	The highest qualification on entry is at Level 3 and may attract tariff points	At least one QUALTYPEZZ exists and IPQUALENT3_HESA = *BLANK* and not above
Value of QUALENT2	The highest qualification on entry is at Level 3 and its tariff points cannot be determined, or it is below Level 3	IPQUALENT3_HESA = *BLANK* and QUALENT2 ≠ *BLANK* and not above
BLANK	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
Value of QUALENT2	The highest qualification on entry is higher education, a foundation course, an ONC or OND (including BTEC and SQA equivalents) or an International Baccalaureate	(QUALENT2 in (01, 02, 03, 04, 05, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 43, 72) or (QUALENT2 in (41, 47) and IPGRADECOMB_LINKED not in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA, AAB, AAC, ABB, ABC, ACC,

Value	Description	Definition
		BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD))) and IPQUALENT3_LINKED = *BLANK*
39	The highest qualification on entry is at Level 3 and may attract tariff points	At least one QUALTYPEZZ exists and IPQUALENT3_LINKED = *BLANK* and not above
Value of QUALENT2	The highest qualification on entry is at Level 3 and its tariff points cannot be determined, or it is below Level 3	IPQUALENT3_LINKED = *BLANK* and QUALENT2 ≠ *BLANK* and not above
BLANK	Otherwise	Otherwise

Note: For records taken from the 2010-11 ILR, HQ_QUAL_ (H11) is used instead of QUALENT2. QUALENT2 only exists in ILR data for years up to and including 2012-13, so IPQUALENT2_LINKED will be blank for ILR records in all subsequent years.

IPGRADECOMB

206. This field categorises students, where the student has A-levels, Scottish Highers, Scottish Advanced Highers or an International Baccalaureate on entry (QUALTYPEZZ = A, RE, RN, RW, DA, D1, V, V2, 9U, AN, H, AH, IE, IB, IS, ID, IC, IX), or BTECs on entry (QUALTYPEZZ = 0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 7T, 7U, 7V, 7Z, 8B, 8C, 9B, 9C, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PM, PN, PX, PY, PZ, Q1, Q2, Q3, Q4, Q5, Q9, QA, QB, QC, QD, QE, QF, QH, QJ, QK, QL, QM), into groups according to the highest grades for these qualification types.

207. Where qualifications for the student have identical subjects, we identify the qualification type that results in the highest value of tariff points and discard those duplicates with a lower value of tariff points.

208. Hashes and lowercase letters are stripped out from qualification grades (as are ‘P’ and ‘NC’ from the end of qualification grades for reformed A-levels and ‘Q’ from the end of ‘DQ’ grades), as they do not affect the assignment of tariff points.

209. Where a ‘double award’ is taken, each of the two grades is treated separately. Likewise, where an A-level and an AS-level are treated as a combined award, each of the two grades is treated separately as an A-level and AS-level respectively.

210. For HESA Student and HESA Student Alternative data, this field will match either IPGRADECOMB_HESA or IPGRADECOMB_LINKED depending on IPL3SOURCE. For ILR data it will match IPGRADECOMB_LINKED.

The A-level groups

Group	A-levels (best 3 or 4)	Scottish AH (best 3 or 4)	Scottish H (best 5 or 6)
A*A*A*A*	A*A*A*A*	None	None
A*A*A*A	A*A*A*A	None	None
A*A*AA	A*A*AA	None	None
A*AAA	A*AAA	None	None
AAAA	AAAA	AAAA	AAAAAA
A*A*A*	A*A*A*	None	None
A*A*A	A*A*A	None	None
A*AA	A*AA	None	None
AAA	AAA	AAA	AAAAA
AAB	A*A*B, A*AB, A*A*D, AAB	AAB	AAAAB, AAAAC, AAAAP, AAABB
AAC	A*A*C, A*AC, A*A*E, A*AD, AAC	AAC	AAABC, AAABP, AAABD, AAACC, AAACP, AAAPP
ABB	A*BB, ABB	ABB	AAAAD, AABBB, AABBC, AABBP
ABC	A*BC, A*AE, A*BD, AAD, ABC	AAD, ABC	AAACD, AAAPD, AABBD, AABCC, AABCP, AABPP, AADD, AABCD, AABPD
ACC	A*CC, A*BE, A*CD, AAE, ABD, ACC	ABD, ACC	AABDD, AACCD, AACPD, AAPPD, ABBCD, ABBPD, ABCCC, ABCCP, ABCPP, ABPPP, AACDD, AAPDD, ABBDD, ABCCD, ABCPD, ABPPD
BBB	BBB	BBB	ABBBB, ABBBC, ABBBP, BBBBB, ABBBD, ABBCC, ABBCP, ABBPP
BBC	BBC	BBC	AACCC, AACCP, AACPP, AAPPP, BBBBC, BBBBP, BBBBD, BBBCC, BBBCP, BBBPP, BBBCD, BBBPD

Group	A-levels (best 3 or 4)	Scottish AH (best 3 or 4)	Scottish H (best 5 or 6)
BCC	A*CE, A*DD, ABE, ACD, BBD, BCC	ACD, BBD, BCC	ACCCC, ACCCP, ACCPP, ACPPP, PPPP, BBCCC, BBCCP, BBCPP, BBPPP, AADDD, ABCDD, ABPDD, BBBDD, ACCCD, ACCPD, ACPPD, APPPD, BBCCD, BBCPD, BBPPD, BCCCC, BCCCP, BCCPP, BCPPP, BPPPP
CCC	A*DE, ACE, ADD, BBE, BCD, CCC	ADD, BCD, CCC	ABDDD, ACCDD, ACPDD, APPDD, BBCDD, BBPDD, BCCCD, BCCPD, BCPPD, BPPPD, CCCCC, CCCCP, CCCPP, CCPPP, CPPPP, PPPPP
CCD	A*EE, ADE, BCE, BDD, CCD	BDD, CCD	ACDDD, APDDD, BBDDD, BCCDD, BCPDD, BPPDD, CCCCD, CCCPD, CCPPD, CPPPD, PPPPD, ADDDD, BCDDD, BPDDD, CCCDD, CCPDD, CPPDD, PPPDD
CDD	AEE, BDE, CCE, CDD	CDD	BDDDD, CCDDD, CPDDD, PPDDD
DDD	BEE, CDE, DDD	DDD	CDDDD, PDDDD, DDDDD
Below DDD	Total A-levels ≥ 3 and not above	Total Scottish AH ≥ 3 and not above	Total Scottish H ≥ 5 and not above

The BACC group

Group	Definition
BACC	QUALENT3 = P62, P63 or (QUALENT2 = 47 and QUALENT3 = *BLANK*) or Student has at least 1 x QUALTYPEZZ = IE of which the highest QUALGRADEZZ is at least 24 points, or (Student has only QUALTYPEZZ in (IB, IE, IS, ID, IC, IX) and (total tariff points for these QUALTYPEs > 0 or student has at least 1 x QUALTYPEZZ = IE of which the highest QUALGRADEZZ is 1 to 23 points) or total IB points (i.e. total tariff points from QUALTYPEZZ in (IB, IS, ID) plus tariff points from best QUALTYPEZZ in (IC, IX)) > 0.5 × IPTARIFF)

Group	Definition
	and not above

The BTEC groups

Triple BTEC

Group	QUALTYPE = B, B1, B7, BE, BF, BR, BW, EE, 5C, Q5, PX
BTECD*D*D*	D*D*D*, SSS
BTECD*D*D	D*D*D, SSD
BTECD*DD	D*DD, SDD
BTECDDD	DDD
BTECDDM	DDM
BTECDMM	DMM
BTECMMM and below	Not above

Double and single BTEC

Group	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1
BTECD*D*D*	D*D*, SS	D*, S
BTECD*D*D	D*D*, SS	D
BTECD*D*D	D*D, SD	D*, S
BTECD*DD	D*D, SD	D
BTECD*DD	DD	D*, S
BTECDDD	DD	D
BTECDDM	DD	M
BTECDDM	DM	D
BTECDDM	D*D*, SS	M

Group	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1
BTECDDM	D*D, SD	M
BTECDDM	DM	D*, S
BTECDMM	DM	M
BTECDMM	MM	D
DMM	MM	D*, S
BTECMMM and below	Not above	Not above

Three single BTECs

Group	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1
BTECD*D*D*	D*, S	D*, S	D*, S
BTECD*D*D	D*, S	D*, S	D
BTECD*DD	D*, S	D	D
BTECDDD	D	D	D
BTECDDM	D*, S	D*, S	M
BTECDDM	D*, S	D	M
BTECDDM	D	D	M
BTECDMM	D*, S	M	M
BTECDMM	D	M	M
BTECMMM and below	Not above	Not above	Not above

Two double BTECs or one double and one 90-credit BTEC

Group	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C or QUALTYPE = BZ, 7C, Q2, Q3, PY
BTECD*D*D*	D*D*, SS	D*D*, SS
BTECD*D*D*	D*D*, SS	D*D, SD
BTECD*D*D	D*D*, SS	DD
BTECD*D*D	D*D*, SS	DM
BTECD*D*D	D*D, SD	D*D, SD
BTECD*DD	D*D, SD	DD
BTECD*DD	D*D, SD	DM
BTECDDD	DD	DD
BTECDDD	DD	DM
BTECDDM	D*D*, SS	MM
BTECDDM	D*D*, SS	MP
BTECDDM	D*D, SD	MM
BTECDDM	D*D, SD	MP
BTECDDM	DD	MM
BTECDDM	DD	MP
BTECDDM	DM	DM
BTECDMM	DM	MM
BTECDMM	DM	MP
BTECMMM and below	Not above	Not above

Two single and one 90-credit BTEC

Group	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = BZ, 7C, Q2, Q3, PY
BTECD*D*D*	D*, S	D*, S	D*D*, SS
BTECD*D*D*	D*, S	D*, S	D*D, SD
BTECD*D*D	D*, S	D*, S	DD
BTECD*D*D	D*, S	D*, S	DM
BTECD*D*D	D*, S	D	D*D, SD
BTECD*DD	D*, S	D	DD
BTECD*DD	D*, S	D	DM
BTECDDD	D	D	DD
BTECDDD	D	D	DM
BTECDDM	D*, S	D*, S	MM
BTECDDM	D*, S	D*, S	MP
BTECDDM	D*, S	D	MM
BTECDDM	D*, S	D	MP
BTECDDM	D	D	MM
BTECDDM	D	D	MP
BTECDDM	D	M	DM
BTECDMM	D	M	MM
BTECDMM	D	M	MP
BTECMMM and below	Not above	Not above	Not above

Two 90-credit BTECs

Group	QUALTYPE = BZ, 7C, Q2, Q3, PY	QUALTYPE = BZ, 7C, Q2, Q3, PY
BTECD*D*D*	D*D*, SS	D*D*, SS
BTECD*D*D	D*D*, SS	D*D, SD
BTECD*D*D	D*D, SD	D*D, SD
BTECD*D*D	D*D*, SS	DD
BTECD*DD	D*D, SD	DD
BTECDDD	D*D*, SS	DM
BTECDDD	D*D, SD	DM
BTECDDD	DD	DD
BTECDDM	DD	DM
BTECDDM	D*D*, SS	MM
BTECDDM	D*D, SD	MM
BTECDDM	DD	MM
BTECDDM	DM	DM
BTECDMM	DM	MM
BTECMMM and below	Not above	Not above

The mixed A-levels and BTECs groups

Group	Grade exists	Grade exists	Grade exists	Grade exists
2A1B	QUALTYPE in (A, V)	QUALTYPE in (A, V)	QUALTYPE in (4C, B, B0, B2, B6, BV, BE, EF, 6C, Q4, PN)	
2A1B	QUALTYPE in (A, V)	QUALTYPE in (A, V)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)
2A1B	QUALTYPE in (A, V)	QUALTYPE in (A, V)	QUALTYPE in (BZ, 7C, Q2, Q3, PY)	

Group	Grade exists	Grade exists	Grade exists	Grade exists
2A1B	QUALTYPE in (A, V)	QUALTYPE in (A, V)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)	
1A2B	QUALTYPE in (A, V)	QUALTYPE in (4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN)		
1A2B	QUALTYPE in (A, V)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)	
1A2B	QUALTYPE in (A, V)	QUALTYPE in (BZ, 7C, Q2, Q3, PY)	QUALTYPE in (B, B3, B5, BD, BE, BU, EY, 8C, Q1)	

The Other Level 3 group

Group	Definition
OTHL3	At least one QUALTYPE exists with a non-fail valid grade and not above

The No Level 3 group

Group	Definition
NOL3	Otherwise

IPGRADECOMB_HESA

211. This field is as above in IPGRADECOMB, but uses entry qualification data as returned in the HESA Student record.

IPGRADECOMB_LINKED

212. This field is as above in IPGRADECOMB, but uses entry qualification data supplemented by linking to other data sources.

IPENTQUALGRP

213. This field contains the broad grouping of the student's highest qualification on entry.

214. For HESA Student and HESA Student Alternative data, this field will match either IPENTQUALGRP_HESA or IPENTQUALGRP_LINKED depending on IPL3SOURCE. For ILR data it will match IPENTQUALGRP_LINKED.

Value	Description	Definition
HEPG	Higher education: Postgraduate level	IPQUALENT3 in (DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71) or (IPQUALENT2 in (01, 02, 03, 04, 05) and IPQUALENT3 = *BLANK*)
HEFD	Higher education: First degree level	IPQUALENT3 in (M2X, H11, HUK, HZZ, JUK) or (IPQUALENT2 in (10, 11) and IPQUALENT3 = *BLANK*) and not above
HEOUG	Higher education: Other undergraduate level	IPQUALENT3 in (H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90) or (IPQUALENT2 in (12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31) and IPQUALENT3 = *BLANK*) and not above
Value of IPGRADECOMB	Level 3 qualification with combinations of A-levels, Scottish Advanced Highers, Scottish Highers, International Baccalaureate, BTEC Nationals or A-levels mixed with BTEC Nationals	IPGRADECOMB in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA, AAB, AAC, ABB, ABC, ACC, BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD, BACC, BTECD*D*D*, BTECD*D*D, BTECD*DD, BTECDDD, BTECDDM, BTECDMM, BTECMMM and below, 2A1B, 1A2B) and not above
BTECL	BTEC – lower graded	Student has at least 1 x QUALTYPEZZ in (0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 7T, 7U, 7V, 7Z, 8B, 8C, 9B, 9C,

Value	Description	Definition
		B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PM, PN, PX, PY, PZ, Q1, Q2, Q3, Q4, Q5, Q9, QA, QB, QC, QD, QE, QF, QH, QJ, QK, QL, QM) for which QUALGRADEZZ is at least a pass grade and not above
BTECO	BTEC – other	IPQUALENT2 = 41 and IPQUALENT3 = *BLANK* and not above
See paragraph 215	Other Level 3 qualifications (with tariff)	(IPQUALENT3* = P (excluding P62, P63) or (IPQUALENT2 in (39, 40) and IPQUALENT3 = *BLANK*)) and IPTARIFF > 0 and not above
GNVQ/NVQ	GNVQ/NVQ	IPQUALENT2 in (37, 38) and IPQUALENT3 = *BLANK* and not above
FOUND	Foundation course	IPQUALENT3 = J49 or (IPQUALENT2 in (29, 43, 72) and IPQUALENT3 = *BLANK*) and not above

Value	Description	Definition
ACCESS	Access course	IPQUALENT3 in (X00, X01) or (IPQUALENT2 in (44, 45, 48) and IPQUALENT3 = *BLANK*) or student has at least 1 x QUALTYPEZZ in (LD, Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8, Y9, YA, YB, YC, YD, YF) for which QUALGRADEZZ is at least a pass grade and not above
LEV3	Other Level 3 qualifications (without tariff)	IPQUALENT3* = P (excluding P62, P63) or (IPQUALENT2 in (39, 40) and IPQUALENT3 = *BLANK*) and not above
NONE	No formal qualifications	IPQUALENT3 in (X02, X03, X05) or (IPQUALENT2 in (92, 93, 98) and IPQUALENT3 = *BLANK*) and not above
OTHERS	Other qualifications (unknown level, or below level 3)	IPDOM in (E, N, S, W) and (IPQUALENT3* in (Q, R) or IPQUALENT3 = X04 or (IPQUALENT2 in (55, 56, 57, 94, 97) and IPQUALENT3 = *BLANK*))

Value	Description	Definition
		and not above
OTHERS_NONUKDOM	Non-UK-domiciled students with other qualifications (unknown level, or below level 3)	IPDOM not in (E, N, S, W) and (IPQUALENT3* in (Q, R) or IPQUALENT3 = X04 or (IPQUALENT2 in (55, 56, 57, 94, 97) and IPQUALENT3 = *BLANK*)) and not above
UNKNOWN	Unknown qualifications	Otherwise

* the first character of IPQUALENT3 is used

215. For students with 'Other Level 3 qualifications (with tariff)' as their highest qualification on entry, further granularity is required and the value of IPENTQUALGRP is assigned as follows:

Value	Definition
>115	IPTARIFF > 115
>105	IPTARIFF > 105 and not above
>90	IPTARIFF > 90 and not above
>80	IPTARIFF > 80 and not above

Value	Definition
>65	IPTARIFF > 65 and not above
>40	IPTARIFF > 40 and not above
>0	IPTARIFF > 0 and not above

IPENTQUALGRP_HESA

216. This field is as above in IPENTQUALGRP, but uses entry qualification data as returned in the HESA Student record. In addition, any instances of IPQUALENT2, IPQUALENT3 or IPGRADECOMB in the main algorithm should be replaced by IPQUALENT2_HESA, IPQUALENT3_HESA or IPGRADECOMB_HESA respectively.

IPENTQUALGRP_LINKED

217. This field is as above in IPENTQUALGRP, but uses entry qualification data supplemented by linking to other data sources. In addition, any instances of IPQUALENT2, IPQUALENT3 or IPGRADECOMB in the main algorithm should be replaced by IPQUALENT2_LINKED, IPQUALENT3_LINKED or IPGRADECOMB_LINKED respectively.

IPL3SOURCE

IPSOURCE = HESASTU or HESASAR

218. This field shows whether HESA Student and HESA Student Alternative Level 3 entry qualifications on entry entity data, or the linked ILR and NPD Level 3 qualifications data, was used to inform entry qualification derived fields. IPL3SOURCE = HESA if the HESA Student and HESA Student Alternative data has been used, IPL3SOURCE = ILRNPD if the linked data has been used.

    a. Where IPGRADECOMB_HESA is not equal to OTHL3 or NOL3, or IPGRADECOMB_LINKED is not equal to OTHL3 or NOL3, then the source we use for all entry qualification information is the one that has the highest value of IPGRADECOMB according to the list in IPGRADECOMB above.

b. Otherwise, the source we use is that with the highest value of IPTARIFF.

c. However, if both are missing tariff points or have zero tariff points, then we choose a source that has OTHL3 over NOL3.

d. Where there is a tie when comparing IPGRADECOMB or IPTARIFF in each source, we use the HESA Student or HESA Student Alternative record.

IPSOURCE = ILR

219. This field is set to ILRNPD.

IPENTQUALBROAD

This is a key field

220. IPENTQUALBROAD assigns a broad grouping of entry qualifications for use in benchmarking.

Value	Description	Definition
1	A-levels (AAA or higher)	IPENTQUALGRP in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA)
2	A-levels (ABB or higher)	IPENTQUALGRP in (AAB, ABB, AAC)
3	A-levels (BCC or higher) or international baccalaureate	IPENTQUALGRP in (BBB, ABC, BBC, BCC, ACC, BACC)
4	A-levels (CDD or higher)	IPENTQUALGRP in (CCC, CCD, CDD)
5	A-levels (DDD or lower), other level 3 qualification (105 tariff points or higher) or two A-levels and one BTEC	IPENTQUALGRP in (DDD, Below DDD, 2A1B, >115, >105)
6	HE-level	IPENTQUALGRP in (HEFD, HEOUG, HEPG)
7	BTECs (at least DDM), or one A-level and two BTECs	IPENTQUALGRP in (BTECD*D*D*, BTECD*D*D, BTECD*DD, BTECDDD, 1A2B)
8	BTECs (lower than DDM)	IPENTQUALGRP in (BTECDDM, BTECDMM, BTECMMM and below, BTECL, BTECO)
9	Unspecified qualifications held by non-UK domiciled students	IPENTQUALGRP = OTHERS_NONUKDOM

Value	Description	Definition
10	Access or foundation courses, or other level 3 qualification (65 tariff points or higher)	IPENTQUALGRP in (ACCESS, FOUND, GNVQ/NVQ, LEV3, >90, >80, >65)
11	None, unknown or other entry qualifications	IPENTQUALGRP in (>40, >0, OTHERS, NONE, UNKNOWN)

Fields used for determining students' eligibility for free school meals at key stage 4

Linking to the National Pupil Database for determining students' eligibility for free school meals at key stage 4

221. A student's eligibility for free school meals (FSM) can be used as an individual measure of disadvantage. To generate information on students' FSM eligibility, we have linked HESA Student, HESA Student Alternative and ILR data with schools' NPD data using person-based linking, as described in paragraphs 176-178. We link to NPD School Census data at key stage 4, from 2009-10 onwards. This has information on pupils attending maintained schools in England. From spring 2013-14, this includes local authority maintained Pupil Referral Units and alternative provision academies, including alternative provision free schools. The DfE does not accept responsibility for any inferences or conclusions derived from the NPD data by third parties.

IPFSMPOP

This is a key field

222. This field indicates whether a student is included in the population of students whose indicators are broken down by FSM eligibility status. This will include students who are under 21 on commencement of their studies and who were successfully linked to records from the NPD.

IPFSMSTATE

This is a key field

223. This field indicates whether a student was ever recorded as eligible for free school meals on census day in any termly or annual census in the previous six years, up to the student's current year at key stage 4.

Fields used in the definition of an entrant

IPENTRANTEXCL1

224. This field indicates that a student is excluded from the entrant populations as they are not part of the relevant higher education (HE) category.

Value	Description	Definition
0	The student was actively studying mainly in the UK, and may be writing up at the end of their year	IPHECAT in (4, 5)
1	The student is not part of the relevant HE category	Otherwise

IPENTRANTEXCL2

225. This field indicates that a student is excluded from the entrant population as they were not an entrant in the base year. For students on the HESA Student record, PGR students transferring to a new provider as part of a collaborative provision arrangement are treated as an entrant at the new provider.

IPSOURCE = HESASTU

Value	Description	Definition
0	The student started their course in the base year	(IPCOMDATE ≥ 17 July 20YY and IPCOMDATE < 17 July 20YY+1) or (COLFROMPROV ≠ *BLANK* and COLFROMDATE ≥ 17 July 20YY and COLFROMDATE < 17 July 20YY+1 and (IPACTENDDATE = *BLANK* or IPACTENDDATE – COLFROMDATE > 14 days))
1	The student did not start their course in the base year	Otherwise

Note: COLFROMDATE and COMFROMPROV only used in 2015-16 onwards.

IPSOURCE = HESASAR or ILR

Value	Description	Definition
0	The student started their course in the base year	IPCOMDATE ≥ 17 July 20YY and IPCOMDATE < 17 July 20YY+1
1	The student did not start their course in the base year	Otherwise

IPENTRANTEXCL4

226. For students who started their course in the base year, we check whether the student was actively studying at the same provider at the same broad level (as determined by IPLEVELBROAD) at any point in the previous 365 days. Where this is true, this field is set to 1, otherwise it will be set to 0.

227. A record is defined as active if OFSHE = 1 and IPMODE ≠ OTH (records with IPSOURCE equal to HESASTU and HESASAR only) and REDUCEDI ≠ 04 (records with IPSOURCE equal to HESASTU only).

228. If the student has another record with the same IPCOMDATE, and no prior records in the past 365 days, then the following precedence is applied:

- The record that has IPENTRANTEXCL1 = 0 is taken
- If there is more than one record with IPENTRANTEXCL1 = 0, the active record (defined according to paragraph 227)
- If there is more than one active record, the record with the highest level of study (using IPLEVELNUM) is taken
- If there is more than one record with the highest level of study, the record without an end date is taken (using IPACTENDDATE)
- If there are still multiple records at the highest level of study, the record with the latest end date is taken (using IPACTENDDATE)
- If there are still multiple records at the highest level of study and the same highest/blank end dates, the mode of study (IPMODE) is taken into account. Records are prioritised in the following order:
  - Apprentice (IPMODE = APPR)
  - Full-time (IPMODE = FT)

  - Part-time (IPMODE = PT)
  - Writing up, previously full-time (IPMODE = WUPFT)
  - Writing up, previously part-time (IPMODE = WUPPT)
- If there are still multiple records, the record with the highest IPSTULOAD is taken.

If there are multiple records after applying all these rules, the final tie breaks are chosen consistently by taking the first identifier alphabetically. Identifiers UKPRN, LEARNREFNUMBER and AIMSEQNUMBER, as well as LEARNAIMREF, are used for ILR records, and UKPRN, HUSID and NUMHUS are used for HESA records.

IPENTRANTEXCL

This is a key field

229. This field indicates whether the student will be included in the entrant populations.

230. Students included in the entrant population have IPENTRANTEXCL = 0. For students excluded from the entrant population, IPENTRANTEXCL contains the sum of all applicable values from the table below. The field is computed as (1 × IPENTRANTEXCL1) + (2 × IPENTRANTEXCL2) + (4 × IPENTRANTEXCL4). The reasons that contributed to the exclusion can therefore be determined.

Value	Description	Definition
1	The student was not part of the relevant HE category	IPENTRANTEXCL1 = 1
2	The student was not an entrant in the base year	IPENTRANTEXCL2 = 1
4	The student was active in the previous 365 days at the same provider and broad level	IPENTRANTEXCL4 = 1
0	Otherwise	None of the above

Fields used in the generation of the access indicators

231. This section is only relevant to the construction of the access and participation data dashboard.

IPACCEXCL

This is a key field

232. This field indicates whether the student will be included in the access indicators calculation. For students excluded from the calculation, IPACCEXCL contains the sum of all applicable values from the table below. Students included in the calculation have IPACCEXCL = 0. The field is computed as (IPENTRANTEXCL) + (8 × IPINTERCALATE). The reasons that contributed to the exclusion can therefore be determined.

Value	Description	Definition
Value of IPENTRANTEXCL	The student was not in the entrant population	IPENTRANTEXCL
8	The student was intercalating in the base year	IPINTERCALATE = 1
0	Otherwise	None of the above

Fields used in the generation of the continuation and cohort-tracking indicators

Linking between years

233. In the continuation and cohort-tracking completion indicators for a given base year, we need to link data from HESA Student, HESA Student Alternative and ILR to other years of data to evaluate outcomes. We link student data across years and providers using person-based linking, described in paragraphs 176-178.

234. A number of the fields used in the generation of the continuation and cohort-tracking outcomes described by this document are calculated for multiple years of the student data. Where a field is determined in the same way for each year following the base year, the field is suffixed with _YX. This denotes that the field is calculated in the same way for each year, but the data used is from X years following the current academic year (e.g. _Y1 where data is used one year following the base year). Where fields are only calculated for subsequent years of data, but not in the base year, the definition will be stated with the year suffix included (_YX).

IPCONQUAL

235. This field allocates the level of qualification awarded to the student during the reporting year for use in the assessment of continuation and cohort-tracking outcomes.

Value	Description	Definition
Value of IPAWARDLEVEL	Student was awarded a HE qualification in the reporting year	IPQUALIFIER in (1, 2, 3)
OTH	Other	Otherwise

IPCONACTIVE

236. This field indicates whether the student was actively studying for the purpose of continuation and cohort-tracking indicators.

237. The associated fields, IPCONACTIVE_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. For example, IPCONACTIVE_Y1 indicates the student was active in the year following the current academic year. See the ‘Linking between years’ section (paragraphs 233 to 234) for more detail.

IPSOURCE = HESASTU or ILR

Value	Description	Definition
1	Student is active	IPSTULOAD not in (0, *BLANK*) or (IPCOUNTRY = S and TYPEYR not in (1, *BLANK*))
0	Student is not active	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	Student is active	IPSTULOAD not in (0, *BLANK*)
0	Student is not active	Otherwise

IPCONCENSUS_YX

238. This field indicates the date X years and 15 days after the anniversary of the student's start date in the base year (IPANNIV). For example, IPCONCENSUS_Y1 indicates the date one year and 15 days after IPANNIV.

IPCONVALIDMODE_YX

239. This field indicates the permitted modes for study at different levels that can be considered as active study for continuation and cohort-tracking purposes.

Value	Description	Definition
APPR FT PT WUPFT WUPPT	Apprenticeship, full-time, part-time and writing up are valid modes	if IPLEVEL_YX in (PHD, OPGR, PGTM, PGCE, OPGT)
APPR FT PT	Only apprenticeship, full-time and part-time are valid modes	Otherwise

IPCONBASEYRQUAL_HE

240. This field considers all records for the student in the base year and indicates whether the student went on to receive a HE qualification at the same provider in that academic year.

241. Where one record satisfies the criteria for IPCONBASEYRQUAL_HE = 1, then all records in the base year for that student at the same provider will be categorised in the same way, unless the IPCOMDATE for the record falls after the qualification was awarded.

Value	Description	Definition
1	Student subsequently received a HE qualification at the same provider in that academic year	IPCONQUAL in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG)
0	Student did not subsequently receive a HE qualification at the same provider in that academic year	Otherwise

IPCONBASEYRQUAL_CREDIT

242. This field considers all records for the student in the base year and indicates whether the student went on to qualify with credit at the same provider in that academic year.

243. Where one record satisfies the criteria for IPCONBASEYRQUAL_CREDIT = 1, then all records in the base year for that student at the same provider will be categorised in the same way, unless the IPCOMDATE for the record falls after the qualification was awarded.

Value	Description	Definition
1	Student subsequently qualified with credit at the same provider in that academic year	IPCONQUAL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC)
0	Student did not subsequently qualify with credit at the same provider in that academic year	Otherwise

IPCONBASEYRTRAN_HE

244. This field considers all records for the student in the base year and indicates whether the student was found to be subsequently actively studying at a different provider at HE level for more than 14 days in that academic year.

245. Where a record satisfies the criteria for IPCONBASEYRTRAN_HE = 1, only other records in the base year for that student corresponding to previous study at a different provider will be categorised with IPCONBASEYRTRAN_HE = 1.

Value	Description	Definition
1	Student was actively studying at a different provider at HE level for more than 14 days in the base year	IPCONQUAL in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) or (IPLEVEL in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and IPCONVALIDMODE contains IPMODE and IPCONACTIVE = 1 and (IPACTENDDATE = *BLANK* or IPACTENDDATE - IPCOMDATE > 14 days))
0	Student was not actively studying at a different provider at HE level for more than 14 days in the base year	Otherwise

IPCONBASEYRTRAN_CREDIT

246. This field considers all records for the student in the base year and indicates whether the student was found to be actively studying at a different provider for credit for more than 14 days in that academic year.

247. Where a record satisfies the criteria for IPCONBASEYRTRAN_CREDIT = 1, only other records in the base year for that student corresponding to previous study at a different provider will be categorised with IPCONBASEYRTRAN_CREDIT = 1.

Value	Description	Definition
1	Student was actively studying for credit at a different provider for more than 14 days in the base year	IPCONQUAL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) or (IPLEVEL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and

Value	Description	Definition
		IPCONVALIDMODE contains IPMODE and IPCONACTIVE = 1 and (IPACTENDDATE = *BLANK* or IPACTENDDATE - IPCOMDATE > 14 days))
0	Student was not actively studying for credit at a different provider for more than 14 days in the base year	Otherwise

IPCONINDFULL_YX

This is a key field

248. This field indicates the continuation and cohort-tracking outcome of a student on their census date X year(s) and 15 days after entry. For example, IPCONINDFULL_Y1 indicates the outcome of a student on their census date 1 year and 15 days after entry.

249. The clauses below that apply to continuation and cohort-tracking outcomes in the interim year(s) (between the year the student started their studies and the year in which the census lies) are applied to each and every interim year, which are denoted Yi in the algorithm below. If the interim year clause is satisfied for any of the interim years, then the relevant field value will be attributed. The outcomes that are evaluated, and the interim years that apply to each are:

- IPCONINDFULL_Y1, does not have any interim years
- For IPCONINDFULL_Y2, the interim year is Y1
- For IPCONINDFULL_Y4, the interim years are Y1, Y2, and Y3
- For IPCONINDFULL_Y6, the interim years are Y1, Y2, Y3, Y4, and Y5

Value	Description	Definition
QUALIFIED	The student qualified from higher education study at the same provider in the base year	IPCONQUAL in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) or IPCONBASEYRQUAL_HE = 1
QUALIFIED	The student qualified from higher education study at the same provider in an interim year	IPCONQUAL_Yi in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and IPUKPRNRC = IPUKPRNRC_Yi
QUALIFIED	The student qualified from higher education study at the same provider within X year(s) and 14 days after their entry to higher education	IPACTENDDATE_YX ≠ *BLANK* and IPACTENDDATE_YX ≤ IPCONCENSUS_YX and IPUKPRNRC = IPUKPRNRC_YX and IPCONQUAL_YX in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG)
CONTINUING	The student was active on higher education study at the same provider X year(s) and 14 days after their entry to higher education	IPCOMDATE_YX ≤ IPCONCENSUS_YX and IPUKPRNRC = IPUKPRNRC_YX and IPLEVEL_YX in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and IPCONVALIDMODE_YX contains IPMODE_YX and IPCONACTIVE_YX = 1 and (IPACTENDDATE_YX = *BLANK* or (IPACTENDDATE_YX ≥ IPCONCENSUS_YX and

Value	Description	Definition
		(IPACTENDDATE_YX - IPCOMDATE_YX > 14 or (IPCONQUAL_YX in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG))))) and not above
TRANSFER_COLLAB	The student transferred to another provider as part of a collaborative supervision arrangement in the base year	COLTOPROV ≠ *BLANK* and COLTODATE ≤ IPCONCENSUS_YX
TRANSFER_COLLAB	The student transferred to another provider as part of a collaborative supervision arrangement in an interim year	IPUKPRNRC_Yi = IPUKPRNRC and COLTOPROV_Yi ≠ *BLANK* and COLTODATE_Yi ≤ IPCONCENSUS_YX
TRANSFER_COLLAB	The student transferred to another provider as part of a collaborative supervision arrangement within X year(s) and 14 days after their entry to higher education	IPUKPRNRC_YX = IPUKPRNRC and COLTOPROV_YX ≠ *BLANK* and COLTODATE_YX ≤ IPCONCENSUS_YX and not above
TRANSFER	The student was active on or qualified from higher education study at another provider in the base year	IPCONBASEYRTRAN_HE = 1
TRANSFER	The student was active on higher education study at another provider in an interim year	IPUKPRNRC_Yi ≠ IPUKPRNRC and IPLEVEL_Yi in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and IPCONVALIDMODE_Yi contains IPMODE_Yi and IPCONACTIVE_Yi = 1 and

Value	Description	Definition
		(IPACTENDDATE_Yi = *BLANK* or IPACTENDDATE_Yi - IPCOMDATE_Yi > 14)
TRANSFER	The student was active on higher education study at another provider within X year(s) and 14 days after their entry to higher education	IPUKPRNRC_YX ≠ IPUKPRNRC and IPCOMDATE_YX ≤ IPCONCENSUS_YX and IPLEVEL_YX in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and IPCONVALIDMODE_YX contains IPMODE_YX and (IPACTENDDATEYX = *BLANK* or IPACTENDDATE_YX - IPCOMDATE_YX > 14)
TRANSFER	The student qualified from higher education study at another provider in an interim year	IPUKPRNRC ≠ IPUKPRNRC_Yi and IPCONQUAL_Yi in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG)
TRANSFER	The student qualified from higher education study at another provider within X year(s) and 14 days after their entry to higher education	IPUKPRNRC ≠ IPUKPRNRC_YX and IPCOMDATE_YX ≤ IPCONCENSUSDATE_YX and IPCONQUAL_YX in (PHD, OPGR, PGTM, PGCE, OPGT, PUGD, PUGO, DEG, OUG) and not above
QUALIFIED_CREDIT	The student qualified from study for credit at the same provider in the base year	IPCONQUAL in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) or IPCONBASEYRQUAL_CREDIT = 1

Value	Description	Definition
QUALIFIED_CREDIT	The student qualified from study for credit at the same provider in an interim year	IPUKPRNRC = IPUKPRNRC_Yi and IPCONQUAL_Yi in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC)
QUALIFIED_CREDIT	The student qualified from study for credit at the same provider within X year(s) and 14 days after their entry to higher education	IPUKPRNRC = IPUKPRNRC_YX and (IPACTENDDATE_YX ≠ *BLANK* and IPACTENDDATE_YX ≤ IPCONCENSUS_YX) and IPCONQUAL_YX in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and not above
CONTINUING_CREDIT	The student was active on study for credit at the same provider X year(s) and 14 days after their entry to higher education	IPUKPRNRC = IPUKPRNRC_YX and IPCOMDATE_YX ≤ IPCONCENSUS_YX and IPLEVEL_YX in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and IPCONVALIDMODE_YX contains IPMODE_YX and IPCONACTIVE_YX = 1 and (IPACTENDDATE_YX = *BLANK* or (IPACTENDDATE_YX ≥ IPCONCENSUS_YX and (IPACTENDDATE_YX - IPCOMDATE_YX

Value	Description	Definition
		>14 or IPCONQUAL_YX in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC)))) and not above
TRANSFER_CREDIT	The student was active on or qualified from study for credit at another provider in the base year	IPCONBASEYRTRAN_CREDIT = 1
TRANSFER_CREDIT	The student was active on study for credit at another provider in an interim year	IPUKPRNRC ≠ IPUKPRNRC_Yi and IPLEVEL_Yi in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and IPCONVALIDMODE_Yi contains IPMODE_Yi and IPCONACTIVE_Yi = 1 and (IPACTENDDATE_Yi = *BLANK* or IPACTENDDATE_Yi - IPCOMDATE_Yi > 14)
TRANSFER_CREDIT	The student was active on study for credit at another provider within X year(s) and 14 days after their entry to higher education	IPUKPRNRC ≠ IPUKPRNRC_YX and IPCOMDATE_YX ≤ IPCONCENSUS_YX and IPLEVEL_YX in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and IPCONVALIDMODE_YX contains IPMODE_YX and IPCONACTIVE_YX = 1 and (IPACTENDDATE_YX = *BLANK* or

Value	Description	Definition
		IPACTENDDATE_YX - IPCOMDATE_YX > 14)
TRANSFER_CREDIT	The student qualified from study for credit at another provider in an interim year	IPUKPRNRC ≠ IPUKPRNRC_Yi and IPCONQUAL_Yi in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC)
TRANSFER_CREDIT	The student qualified from study for credit at another provider within X year(s) and 14 days after their entry to higher education	IPUKPRNRC ≠ IPUKPRNRC_YX and IPCOMDATE_YX ≤ IPCONCENSUS_YX and IPCONQUAL_YX in (UGCREDIT, UGUNSPEC, PGCREDIT, PGUNSPEC) and not above
INACTIVE	The student did not continue or qualify at the same provider, or transfer to another provider, and is considered to be inactive in higher education X year(s) and 14 days after their entry to higher education	Otherwise

Fields used in the generation of the compound completion indicator measure

250. Before calculating the derived fields that facilitate the fields primarily used to rebuild compound completion outcomes, there are 4 building blocks which are calculated for each unique engagement which are split into information with relation to:

    a. The earliest record associated with the engagement (corresponding to fields starting with IPCI_F)

    b. The end date associated with the engagement (corresponding to fields starting with IPC_E_)

    c. The highest qualification achieved up until the end date associated with the engagement (corresponding to fields starting with IPCI_Q_)

    d. The earliest period of dormancy that is two years or more up until the end date associated with the engagement (corresponding to fields starting with IPCI_D_).

251. These building blocks are relevant because to construct compound completion outcomes we compare the intentions of the earliest record associated with the engagement to what they achieved when the engagement ends. The highest qualification, the earliest period of dormancy that is two years or more and the end date associated with the engagement are all used in combination to determine what compound outcome was achieved when the engagement ends.

IPCIIINSTANCEID

252. Compound completion outcomes are calculated based on looking at outcomes across a student's activity. This is defined as the concatenation of IPUKPRNRC, a unique person identifier, and IPLEVELBROAD, separated by a pipe, |. The unique person identifier is defined using the person linking process described in paragraphs 176-178. This is referred to as an engagement in shorthand throughout the rest of this section.

253. Primarily, we are aiming to measure outcomes for students who are in the entrant populations, defined by IPENTRANTEXCL = 0. Some engagements may have more than one entry point (i.e. more than 1 record with IPENTRANTEXCL = 0). Where this occurs, we have separated the engagement into as many parts as there are records with IPENTRANTEXCL = 0. Where the engagement is separated, but there are multiple records in the same year of data, we sort by IPCOMDATE and where there is a tie, the row where IPENTRANTEXCL = 0 is prioritised. This sort determines how the engagement is separated. For example, if a student has three entry points, they will have three different values for IPCIINSTANCEID. Each entry point will have a suffix of '_' with a numeric count for the entry point. For example, for a student with three entry points, they'll have the following IPCIINSTANCEID values:

    a. First entry: 99999999|123|UG

    b. Second entry: 99999999|123|UG_1

c. Third entry: 99999999|123|UG_2

IPCILEVELNUM

254. This field gives the FHEQ level of the study intention for the student engagement. Any credit, irrespective of the level, is by default set to the value of 1.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
1	Credit	COURSEAIM in (D90, E90, L90, L91, M90, M91, H90, H91, I90, I91, J90, C90)
Value of IPLEVELNUM	Level of non-credit study	Otherwise

IPSOURCE = ILR

Value	Description	Definition
8	Level 8 qualification	IPOFSQAIM = OTHL8_Q
7	Masters' degree, postgraduate diplomas, postgraduate certificates	IPOFSQAIM in (MASTER, PGDIP, PGCE, PGCERT, OTHL7_Q)
6	Bachelors' degrees with honours, Graduate certificates and diplomas	IPOFSQAIM in (FIRST, ENHANCED, OTHL6_Q)
5	Foundation degrees, Diplomas of higher education and other higher diplomas	IPOFSQAIM in (HND, DET, DIPHE, FOUDEG, DTLLS, OTHL5_Q)
4	Certificates of Higher Education	IPOFSQAIM in (HNC, CERTED, UNICERT, HIGHCERT, CTLLS, PTLLS, CET, OTHL4_Q, OTHHE_Q)
1	Other levels of credit or qualifications where the level of study is not clear	IPOFSQAIM in (OTHHE_CC, OTHHE_U, FDBC, OTHL4_CC, OTHL4_U, OTHL5_CC, OTHL5_U, OTHL6_CC, OTHL6_U, OTHL7_CC, OTHL7_U)
0	Further Education	IPOFSQAIM = FE

Derived fields to accommodate students on intercalating courses

255. To derive compound completion outcomes, any outcomes that students achieve whilst on an intercalating course are not considered unless they do not return to the medical, dentistry or veterinary course they intercalated from. The following derived fields adjust other pre-existing derived fields by ignoring any end dates or qualifications achieved from an intercalating course when there is evidence in the data that the student has continued on the course they were intercalating from in later years.

IPCIINSTANCEACTENDDATE

256. This field gives the end date associated with the engagement in the year of data. It has been adjusted so that any end dates that are returned in years where a student was on an intercalating course are ignored.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
BLANK	Student is on an intercalating course and there is evidence in the data that the student has returned to the course they were intercalating from in the next academic year	IPINTERCALATE = 1 and the IPCIINSTANCEID exists in the year after the student finishes intercalating where IPINTERCALATE = 0
Value of IPINSTANCEACTENDDATE	End date of engagement	Otherwise

IPSOURCE = ILR

257. This field is set to the value of IPINSTANCEACTENDDATE.

IPCIQUAL1 and IPCIQUAL2

258. These fields contain the awarded qualifications associated with the engagement in the year of data. These fields have been adjusted so that any qualifications that are returned in years where a student was on an intercalating course are ignored.

IPSOURCE = HESASTU or HESASAR

259. Up to two values of QUAL can be returned per academic year for a student. This algorithm is applied to each of these, to create IPCIQUAL1 and IPCIQUAL2.

Value	Description	Definition
BLANK	Student is on an intercalating course and there is evidence in the data that the student has returned to the course they were intercalating from in the next academic year	IPINTERCALATE = 1 and the IPCIINSTANCEID exists in the year after the student finishes intercalating where IPINTERCALATE = 0
Value of QUALX	Qualification awarded	Otherwise

IPSOURCE = ILR

260. These fields are not calculated.

IPCIQUAL1NUM and IPCIQUAL2NUM

261. These fields give the numeric levels of the awarded qualifications associated with the engagement in the year of data.

IPSOURCE = HESASTU or HESASAR

262. Up to two values of QUAL can be returned per academic year for a student. This algorithm is applied to each of these, to create IPCIQUAL1NUM and IPCIQUAL2NUM.

263. Any credit, irrespective of the level is by default set to the value of 1.

Value	Description	Definition
1	Credit	IPCIQUALX in (D90, E90, L90, L91, M90, M91, H90, H91, I90, I91, J90, C90)
8	Level 8	IPCIQUALX in (D00, D01, E00, E40, E43, L00)
7	Level 7	IPCIQUALX in (L80, L99, M00, M01, M02, M10, M11, M13, M16, M22, M26, M28, M40, M41, M42, M43, M44, M45, M50, M70, M71, M72, M73, M76, M78, M79, M80, M86, M88, M99)

Value	Description	Definition
6	Level 6	IPCIQUALX in (H00, H11, H12, H13, H16, H18, H22, H23, H24, H41, H42, H43, H50, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H99, I00, I11, I12, I16)
5	Level 5	IPCIQUALX in (I60, I61, I70, I71, I72, I73, I74, I76, I78, I79, I80, I81, I99, J10, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J99)
4	Level 4	IPCIQUALX in (C13, C20, C30, C41, C42, C43, C77, C78, C80, C99)
0	Level cannot be determined or no qualification has been awarded	Otherwise

IPSOURCE = ILR

264. This field is not calculated.

IPCIDERIVEDEXCL

265. In deriving the engagement identifier there are some rows that appear for the engagement before where they are deemed an entrant (IPENTRANTEXCL = 0). In these cases, these rows are excluded. Data that is excluded is categorised as IPCIDERIVEDEXCL = 1. Otherwise, rows that are not excluded are categorised as IPCIDERIVEDEXCL = 0.

IPCI_F_xxxx

266. The derived fields from the earliest record associated with the engagement are always prefixed with ‘IPCI_F_’.

267. The earliest year of data used to generate the derived fields is data from the academic year 2009-10. The derived fields for the earliest record associated with the engagement for students that started before the 2009-10 academic year will be based off the information available in 2009-10 or the next earliest academic year if information was not reported in 2009-10.

268. For records returned in the ILR, there are some cases where there is more than one record in the earliest academic year for the engagement. Priority is given first to the record with the earliest start date using IPCOMDATE and then the lowest level of study using IPCILEVELNUM. Where there is a tie, the record is chosen consistently by considering identifiers UKPRN, LEARNREFNUMBER and AIMSEQNUMBER alphabetically.

Derived field	Description, all with respect of the first record associated with the engagement	Value
IPCI_F_AIM	General qualification aim	For IPSOURCE = HESASTU or HESASAR value is set to COURSEAIM For IPSOURCE = ILR value is set to IPOFSQAIM
IPCI_F_COMDATE	Start date	IPCOMDATE
IPCI_F_ENTRANTEXCL	Entrant exclusion	IPENTRANTEXCL
IPCI_F_INTERCALATE	Student on an intercalated course	IPINTERCALATE
IPCI_F_RANK	FHEQ level of study	IPCILEVELNUM

IPCI_E_xxxx

269. The derived fields from the end date associated with the engagement are always prefixed with 'IPCI_E_'.

270. The compound completion outcomes are mostly considered with respect of the earliest academic year where an end date is associated with the engagement. Where in the following academic year further data appears for the engagement, either with no end date or with an end date the same or later than the earliest end date, or within the same academic year, but with a later start date or with an end date later than the earliest end date, the end date associated with the engagement is not associated with the earliest end date. The derived fields related to the end date associated with the engagement are only reinstated once that restarted engagement ends. If an engagement restarts multiple times the latest restart is chosen, the same approach is taken and the end point of the last restarted engagement will be used. The derived fields from the end date associated with the engagement form the basis of when compound outcomes are determined.

271. When searching for a restarted engagement and determining when it ends, the record is chosen using the chronological order by the academic year, using ascending IPCOMDATE, and then ascending IPCIINSTANCEACTENDDATE, prioritising where IPCIINSTANCEACTENDDATE is blank.

272. When there is a tie, a row is prioritised if it is not flagged as dormant on the HESA record (XMODE01 = 6 where IPSOURCE = HESASTU, XINACT01 = 1 where IPSOURCE = HESASAR). If there is still a tie, records with COMPSTATUS ≠ 6 are chosen first, with COMPSTATUS = 6 ordered last. If there is still a tie at this point, records with WITHDRAWREASON not in (40, 47) are chosen first, with WITHDRAWREASON in (40, 47) ordered last. If there is still a tie, the record is chosen consistently by considering identifiers UKPRN, LEARNREFNUMBER and AIMSEQNUMBER alphabetically.

Derived field	Description, all with respect of the end date associated with the engagement	Value
IPCI_E_BASEYEAR	Academic year	IPBASEYEAR
IPCI_E_COMPSTATUS	Completion status	Not calculated for IPSOURCE = HESASTU or HESASAR For IPSOURCE = ILR value is set to COMPSTATUS
IPCI_E_ENDDATE	End date	IPCIINSTANCEACTENDDATE
IPCI_E_INTERCALATE	Student on an intercalated year of study	IPINTERCALATE
IPCI_E_RSNEND	Reason the student left the student engagement	For IPSOURCE = HESASTU or HESASAR value is set to RSNEND Not calculated for IPSOURCE = ILR
IPCI_E_SOURCE	Data source	IPSOURCE
IPCI_E_WITHDRAWREASON	Reason why the learner has withdrawn from the learning aim	Not calculated for IPSOURCE = HESASTU or HESASAR For IPSOURCE = ILR value is set to WITHDRAWREASON
IPCI_E_COLTODATE	The date the student moved to another provider as part of a collaborative arrangement	For IPSOURCE = HESASTU value is set to COLTODATE Not calculated for IPSOURCE = HESASAR or ILR
IPCI_E_COLTOPROV	The UKPRN of the provider where the student moved to as part of a collaborative arrangement	For IPSOURCE = HESASTU value is set to COLTOPROV Not calculated for IPSOURCE = HESASAR or ILR

IPCI_Q_xxxx

273. The derived fields for the highest qualification achieved up until the end date associated with the engagement are always prefixed with 'IPCI_Q_'.

274. To determine the highest qualification achieved, any academic years of data up until the year after the academic year where an end date is associated for the engagement are considered (IPBASEYEAR ≤ IPCI_E_BASEYEAR +1). Any qualifications that will be used to determine the highest qualification achieved have IPQUALIFIER = 1, 2, 3.

IPCI_Q_RANK

275. This field determines the highest numeric level of qualification achieved during the student engagement.

IPSOURCE = HESASTU or HESASAR

276. Across the student engagement, the highest value of IPCIQUAL1/2NUM is used. Where there is a tie, the value from IPCIQUAL1 is used. Where there are no QUALs for the engagement, the IPCI_Q_RANK is set to 0.

IPSOURCE = ILR

277. The level of qualification awarded is not recorded on the ILR. Therefore, we assume that the student has met their original qualification aim when IPQUALIFIER = 1, 2 or 3. Where the record has not qualified, the IPCI_Q_RANK is set to 0.

278. The remainder of the derived fields achieved up until the end date associated with the engagement are all calculated based on the point where the highest numeric level of qualification, IPCI_Q_RANK, has been identified. Where there are multiple qualifications with the same IPCI_Q_RANK, priority is given to the qualification achieved in the earliest academic year. Where there is more than one qualification in the earliest academic year, the record with the earliest end date is prioritised using IPCIINSTANCEACTENDDATE. Where there is still a tie, the record is chosen consistently by considering identifiers UKPRN, LEARNREFNUMBER and AIMSEQNUMBER alphabetically.

Derived field	Description, all with respect of the highest numeric level of qualification associated with the engagement	Value
IPCI_Q_BASEYEAR	Academic year	If IPCI_Q_RANK ≠ 0, set to value of IPBASEYEAR
IPCI_Q_QUAL	Descriptive name of the qualification achieved	If IPCI_Q_RANK ≠ 0 then: For IPSOURCE = HESASTU or HESASAR, value is set to IPCIQUAL1/2.

Derived field	Description, all with respect of the highest numeric level of qualification associated with the engagement	Value
		For IPSOURCE = ILR, value is set to IPOFSQAIM.

IPCI_D_xxxx

279. The derived fields for the earliest period of dormancy that is two years or more until the end date associated with the engagement are always prefixed with 'IPCI_D_'.

280. To determine the earliest period of dormancy that exceeds two years, any academic years of data up until and including the earliest academic year where an end date is associated for the engagement are considered (IPBASEYEAR ≤ IPCI_E_BASEYEAR).

281. When searching for a restarted engagement and determining when it ends, the record is chosen using the ordering described in paragraphs 271 to 272.

282. Instances can be recorded as dormant in the following ways:

    a. Where IPSOURCE = HESASTU, XMODE01 = 6.

    b. Where IPSOURCE = HESASAR, XINACT01 = 1.

    c. Where IPSOURCE = ILR, COMPSTATUS = 6.

    d. Where there is a gap in data reporting for the student engagement, with no end date returned prior to the reporting gap. This includes situations when the last data reported for a student had no end date returned. Where this occurs, the period of dormancy is the number of academic years between when they last appeared in the data up until the latest data available, 2019-20. This is applicable to all data sources.

283. The number of consecutive years of dormancy are calculated based on:

    a. Where IPSOURCE = HESASTU or HESASAR, the number of consecutive academic years where the student engagement is recorded as dormant, as described by clauses a, b, d in the paragraph above.

    b. Where IPSOURCE = ILR, the number of consecutive academic years is calculated as described by clause d in the paragraph above where there is no data after the academic year where a COMPSTATUS = 6 is returned. Where COMPSTATUS = 6 has been used in consecutive years for the student engagement, this does not count as consecutive years of dormancy.

284. The following derived fields record the earliest period of dormancy that are two years or more for the student engagement. Where the student engagement does not have any periods of dormancy that are two years or more, the earliest period of dormancy is used.

Derived field	Description
IPCI_D_START	Academic year, IPBASEYEAR, that the period of dormancy started
IPCI_D_CONSEC	The number of consecutive academic years of dormancy

IPCIENDED

This is a key field

285. This field calculates when a student is classified as ending their study, including where students have been dormant for at least two years. It takes into account where ILR and HESA dormancy reporting differ, and students on intercalating years.

Value	Description	Definition
IPCI_D_START + 1	Student has been dormant for at least two consecutive academic years and has not got an end date	IPCI_D_START ≠ *BLANK* and IPCI_D_CONSEC ≥ 2 and IPCI_E_BASEYEAR = *BLANK*
IPCI_D_START + 1	Student took an agreed break in learning and has been dormant for at least two consecutive academic years	IPCI_D_START ≠ *BLANK* and IPCI_D_CONSEC ≥ 2 and IPCI_E_BASEYEAR ≠ *BLANK* and IPCI_E_SOURCE = ILR and IPCI_E_COMPSTATUS = 6
IPCI_D_START + 1	Student has been dormant for at least two consecutive academic years and has an end date after the start of their dormancy	IPCI_D_START ≠ *BLANK* and IPCI_D_CONSEC ≥ 2 and

Value	Description	Definition
		IPCI_E_BASEYEAR ≠ *BLANK* and IPCI_D_START < IPCI_E_BASEYEAR
BLANK	Student is recorded as taking a break in learning at their end date and has been dormant for less than two years	IPCI_E_SOURCE = ILR and IPCI_E_COMPSTATUS = 6 and IPCI_D_CONSEC ≠ *BLANK* and IPCI_D_CONSEC < 2
BLANK	Student's end date occurs within 30 days of the latest reporting period available and has been recorded as transferring to a new learning aim	IPCI_E_SOURCE = ILR and IPCI_E_WITHDRAWREASON = 40 and IPCI_E_ENDDATE + 30 ≥ 1 August 2020
BLANK	Student has ended in the most recent academic year available and has been recorded as transferring to another provider due to a merger	IPCI_E_SOURCE = ILR and IPCI_E_WITHDRAWREASON = 47 and IPCI_E_BASEYEAR = 2019
BLANK	Student has been recorded as ending on an intercalating year in the most recent academic year available and did not start on an intercalating course	IPCI_F_INTERCALATE ≠ 1 and IPCI_E_INTERCALATE = 1 and IPCI_E_BASEYEAR = 2019
IPCI_E_BASEYEAR	Student has ended and does not meet any conditions above	IPCI_E_BASEYEAR ≠ *BLANK* and not above

Value	Description	Definition
BLANK	Student has not ended	Otherwise

IPCIRESULT

This is a key field

286. This field classifies the compound completion outcome for students who have ended their study.

Value	Description	Definition
DORMANT	Student ended their study by going dormant with no formal qualification	IPCIENDED ≠ *BLANK* and IPCI_D_CONSEC ≠ *BLANK* and IPCI_D_START = (IPCIENDED – 1) and IPCI_D_CONSEC ≥ 2 and IPCI_Q_BASEYEAR ≠ *BLANK* and IPCI_Q_BASEYEAR ≤ (IPCI_D_START + 2) and (IPCI_Q_RANK in (0, 1) or (IPCI_Q_RANK = 0 and IPCI_F_RANK = 0))
LESSER QUALIFICATION	Student ended their study by going dormant with a qualification at a lower level than they were aiming for	IPCIENDED ≠ *BLANK* and IPCI_D_CONSEC ≠ *BLANK* and IPCI_D_START = (IPCIENDED – 1) and

Value	Description	Definition
		IPCI_D_CONSEC ≥ 2 and IPCI_Q_BASEYEAR ≠ *BLANK* and IPCI_Q_BASEYEAR ≤ (IPCI_D_START + 2) and (IPCI_Q_RANK > 1 and IPCI_Q_RANK < IPCI_F_RANK)
QUALIFIED	Student ended their study by going dormant with a qualification at the level they were aiming for or higher	IPCIENDED ≠ *BLANK* and IPCI_D_CONSEC ≠ *BLANK* and IPCI_D_START = (IPCIENDED – 1) and IPCI_D_CONSEC ≥ 2 and IPCI_Q_BASEYEAR ≠ *BLANK* and IPCI_Q_BASEYEAR ≤ (IPCI_D_START + 2) and (IPCI_Q_RANK > 1 and IPCI_Q_RANK ≥ IPCI_F_RANK)
DORMANT	Student ended their study by going dormant with no formal qualification	IPCIENDED ≠ *BLANK* and IPCI_D_CONSEC ≠ *BLANK* and IPCI_D_START = (IPCIENDED – 1) and IPCI_D_CONSEC ≥ 2

Value	Description	Definition
		and not above
TRANSFER COLLAB	Student has ended their study by transferring to another provider as part of a collaborative arrangement	IPCIENDED ≠ *BLANK* and IPCI_E_COLTOPROV ≠ *BLANK* or IPCI_E_COLTODATE ≠ *BLANK* and not above
QUALIFIED	Student ended their study in the most recent reporting period with a result not yet known	IPCIENDED ≠ *BLANK* and IPCI_E_RSNEND = 98 and IPCIENDED = 2019 and IPCIENDED = IPCI_E_BASEYEAR and not above
LESSER QUALIFICATION	Student ended their study with a qualification at a lower level than they were aiming for	IPCIENDED ≠ *BLANK* and IPCI_Q_RANK < IPCI_F_RANK and IPCI_Q_RANK > 1 and not above
NO QUALIFICATION	Student ended their study without a qualification	IPCIENDED ≠ *BLANK* and IPCI_Q_RANK in (0,1) and not above
QUALIFIED	Student ended their study with a qualification at the level they were aiming for or higher	IPCIENDED ≠ *BLANK* and IPCI_Q_RANK > 1 and

Value	Description	Definition
		IPCI_Q_RANK ≥ IPCI_F_RANK and not above
TRANSFER INTERNAL	Student ended because of a transfer to a new engagement within the same provider	See paragraph 289
TRANSFER EXTERNAL	Student ended because of a transfer to a different provider	See paragraph 289
BLANK	Student has not ended	Otherwise

287. For students who gain a negative outcome, indicated by IPCIRESULT = NO QUALIFICATION or DORMANT, we review whether they have transferred to another engagement at the same provider or elsewhere. To do that, we use person-based linking to search for another engagement of study that exists in the same IPBASEYEAR as IPCIENDED, or the year later (IPBASEYEAR = IPCIENDED + 1). Any records where IPCILEVELNUM in (0, 1) and rows where IPCIINSTANCEACTENDDATE is not blank and IPCIINSTANCEACTENDDATE – IPCOMDATE ≤ 14 days are ignored. In addition,

    a. when we find an engagement at the same provider, we ignore the transferred engagement if they have qualified with credit according to both IPCIQUAL1NUM and IPCIQUAL2NUM

    b. when we find an engagement at a different provider, we ignore the transferred engagement if the new engagement ended before the original one started, according to IPCI_F_COMDATE.

288. Where the student transfers to a new engagement, rows are prioritised where the engagement is at the same provider, then by the earliest IPBASEYEAR, the highest level of study by IPCILEVELNUM, the earliest IPCOMDATE, where there is no end date present, and then finally if there is still a tie break by the IPCIINSTANCEID when sorted alphabetically.

Derived field	Description, all with respect of the transferred record	Value
IPCI_T_BASEYEAR	Academic year of the transfer	IPBASEYEAR
IPCI_T_IPUKPRNRC	UKPRN of the transferred engagement	IPUKPRNRC
IPCI_T_CIINSTANCEID	Engagement identifier	IPCIINSTANCEID
IPCI_T_COMDATE	Start date	IPCOMDATE
IPCI_T_ENDDATE	End date	IPCIINSTANCEACTENDDATE

Derived field	Description, all with respect of the transferred record	Value
IPCI_T_RANK	FHEQ level of study	IPCILEVELNUM

289. Where a student is found to have transferred, the IPCIRESULT is updated as follows.

Value	Description	Definition
TRANSFER INTERNAL	Student ended because of a transfer to a new engagement within the same provider	IPCIRESULT in (DORMANT, NO QUALIFICATION) and IPCI_T_BASEYEAR ≠ *BLANK* and IPUKPRNRC = IPCI_T_IPUKPRNRC
TRANSFER EXTERNAL	Student ended because of a transfer to a different provider	IPCIRESULT in (DORMANT, NO QUALIFICATION) and IPCI_T_BASEYEAR ≠ *BLANK* and IPUKPRNRC ≠ IPCI_T_IPUKPRNRC
Value of IPCIRESULT	IPCIRESULT according to paragraph 286	Otherwise

Fields used in the generation of student experience indicators

290. This section is only relevant to the construction of TEF data.

IPNSSSUPP

291. This field indicates that a student's NSS response has been suppressed.

Value	Description
1	Response has been suppressed
0	Response has not been suppressed

IPNSSTARGETPOP

292. This field is set to 1 where a student is in the target population for the NSS, and 0 otherwise.

IPNSSRESRATEEXCL

This is a key field

293. This field indicates whether the student is included in the denominator of the response rate calculation for the student experience indicators.

Value	Description	Definition
0	The student is included in the denominator of the response rate calculation	IPNSSSUPP = 0 and IPNSSTARGETPOP = 1 and IPHECAT in (2, 3, 4, 5)
1	The student is not included in the denominator of the response rate calculation	Otherwise

IPNSSRESPONSE

This is a key field

294. This field indicates whether the student responded to the NSS.

Value	Description
1	Responded to the NSS with a sufficient number of questions answered to count as a response to the survey as a whole
0	Did not respond to the NSS

IPNSSINDEXCL

This is a key field

295. This field indicates whether the student is included in the denominator for the student experience indicator.

Value	Description	Definition
0	The student is included in the indicator population	IPNSSRESRATEEXCL = 0 and IPNSSRESPONSE = 1
1	The student is not included in the indicator population	Otherwise

IPNSSQX and IPNSSNHSQX

296. This field indicates the response given to Question X or NHS Question X in the NSS. For example, IPNSSQ8 indicates the response given to Question 8 in the NSS.

Value	Description
0	Question not answered, response not determined, or insufficient number of questions answered in survey to count as a response to the survey as a whole
1	Definitely disagree
2	Mostly disagree
3	Neither agree nor disagree
4	Mostly agree
5	Definitely agree
6	Not applicable

IPNSSTYPEQ

297. This field indicates which NSS questions the student was asked. This corresponds to the year the survey was conducted in, which is two years after the base year (IPBASEYEAR). The base year corresponds to the year in which the target list was calculated. For example, the NSS 2017 survey will correspond to the 2015-16 base year.

Value	Description	Definition
PRE2017	The student was surveyed with the NSS questions that existed prior to the 2017 survey	IPBASEYEAR ≤ 2014 and NSS indicators have been calculated for this year
CURRENT	The student was surveyed with the NSS questions that exist in the 2017 and later surveys	IPBASEYEAR ≥ 2015 and NSS indicators have been calculated for this year
BLANK	NSS indicators have not been calculated for this year	Otherwise

IPNSSxxxxRESPOND, IPNSSxxxxAGREE, IPNSSxxxxDISAGREE and IPNSSxxxxNEUTRAL

This is a key field

298. NSS indicators are split by various scales, which group questions in order to address themes in student experience. The following table outlines the different scales and associated questions across the different NSS surveys.

299. Note that some scales can only be applied to years of data where IPNSSTYPEQ = CURRENT. Where a scale is not able to be calculated for NSSTYPEQ = PRE2017, this is indicated in the following table with N/A.

Scale name	Description	Questions used where IPNSSTYPEQ = PRE2017	Questions used where IPNSSTYPEQ = CURRENT
TEACH	The teaching on my course	1, 2, 3, 4	1, 2, 3, 4
LOPP	Learning opportunities	N/A	5, 6, 7
ASSESS	Assessment and feedback	5, 6, 7, 8, 9	8, 9, 10, 11
ACAD	Academic support	10, 11, 12	12, 13, 14
ORG	Organisation and management	13, 14, 15	15, 16, 17
LRES	Learning resources	16, 17, 18	18, 19 ,20
LCOM	Learning communities	N/A	21, 22
SVOC	Student voice	N/A	23, 24, 25
OVSAT	Overall satisfaction	22	27

300. For each scale, the following fields are calculated:

a. IPNSSxxxxRESPOND is the count of questions in that scale which had a valid response

b. IPNSSxxxxAGREE is the count of questions in that scale which the student mostly or definitely agrees with

c. IPNSSxxxxDISAGREE is the count of questions in that scale which the student mostly or definitely disagrees with

d. IPNSSxxxxNEUTRAL is the count of questions in that scale which the student answered neither agree nor disagree.

301. For all fields the student must be in the indicator population in order to attract a non-zero value (IPNSSINDEXCL = 0). For NSS2017 and later, fields relating to the NHS scale are calculated where a student in the population has NHS question data available (NHSFLAG = 1).

Field	Description	Value
IPNSSxxxxRESPOND	Count of questions in each scale (xxxx) which had a valid response	IPNSSINDEXCL = 0 and IPNSSQx in (1, 2, 3, 4, 5)
IPNSSxxxxAGREE	Count of questions in each scale (xxxx) which the student mostly or definitely agrees with	IPNSSINDEXCL = 0 and IPNSSQx in (4, 5)
IPNSSxxxxDISAGREE	Count of questions in each scale (xxxx) which the student mostly or definitely disagrees with	IPNSSINDEXCL = 0 and IPNSSQx in (1 2)
IPNSSxxxxNEUTRAL	Count of questions in each scale (xxxx) which the student answered neither agree nor disagree	IPNSSINDEXCL = 0 and IPNSSQx in (3)
IPNSSNHSRESPOND	Count of questions in the NHS scale which had a valid response	NHSFLAG = 1 and IPNSSINDEXCL = 0 and IPNSSNHSQx in (1, 2, 3, 4, 5)
IPNSSNHSAGREE	Count of questions in the NHS scale which the student mostly or definitely agrees with	NHSFLAG = 1 and IPNSSINDEXCL = 0 and IPNSSNHSQx in (4, 5)
IPNSSNHSDISAGREE	Count of questions in the NHS scale which the student mostly or definitely disagrees with	NHSFLAG = 1 and IPNSSINDEXCL = 0 and IPNSSNHSQx in (1 2)

Field	Description	Value
IPNSSNHSNEUTRAL	Count of questions in the NHS scale which the student answered neither agree nor disagree	NHSFLAG = 1 and IPNSSINDEXCL = 0 and IPNSSNHSQx in (3)

Fields used in the generation of degree outcome indicators

302. This section is only relevant to the construction of the access and participation data dashboard.

XCLASSF01

IPSOURCE = HESASTU or HESASAR

303. For 2013-14 and earlier, we have calculated this field ourselves on the same basis as HESA; otherwise the HESA derived field XCLASSF01 is used.

IPSOURCE = ILR

304. This field is not calculated.

IPDODEGCLASS

This is a key field

305. This field indicates the degree classification awarded to first degree students. For student data taken from the HESA Student record or the ILR, this field is available from 2011-12.

IPSOURCE = HESASTU or HESASAR

Value	Description	Definition
FIRST	First class honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and XCLASSF01 = 01
2_1	Upper second class honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and

Value	Description	Definition
		XCLASSF01 = 02
OTH_HONOURS	Other classifications of honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and XCLASSF01 in (03, 04, 05, 06, 09)
UNCLASS	Unclassified degree awards	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and not above
NA	No degree awarded	Otherwise

IPSOURCE = ILR

Value	Description	Definition
FIRST	First class honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = FI
2_1	Upper second class honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = SU
OTH_HONOURS	Other classifications of honours degree	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE in (SL, SE, TH, FO)

Value	Description	Definition
UNCLASS	Unclassified degree awards	IPUGQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and not above
NA	No degree awarded	Otherwise

IPDODUP

306. This field chooses the best outcome (based on the highest IPDODEGCLASS) for each person per provider and broad level in the academic year defined by IPAWARDLEVELBROAD.

307. If there is more than one record in the academic year with the same best outcome, then the record with the latest end date is taken (determined by IPACTENDDATE). If there are still multiple records with the same best outcome and latest end date, the record is chosen consistently by alphabetical ordering on the returning provider's UKPRN, followed by LEARNREFNUMBER or HUSID, and AIMSEQNUMBER or NUMHUS.

IPDOQUALPOP

This is a key field

308. This field indicates whether the student is included in the population of first degree qualifiers who are in scope for the degree outcome indicators.

Value	Description	Definition
1	Student is in scope for the degree outcome indicators	IPDODUP = 0 and IPDODEGCLASS ≠ (UNCLASS, NA)
0	Student is not in scope for the degree outcome indicators	Otherwise

Fields used in the generation of the progression indicators

IPEMPXPGO

309. This field indicates whether the student is counted in the Graduate Outcomes (GO) survey target population. The target population does not include cases where it is known that the graduate has died or is suffering a serious illness.

IPSOURCE = HESASTU or HESASAR

310. This field is equal to XPGO01.

IPSOURCE = ILR

311. A student is counted in the GO survey target population if they satisfy all of the following conditions:

- They are pursuing a higher education (HE) level course and obtained a HE qualification during the reporting period 1 August to 31 July of the relevant year
- The learning outcome has been achieved and results are known (according to OUTCOME)
- The learning actual end date (LEARNACTENDDATE) is known and falls in one of the survey cohorts
- The learner is active in the relevant year (STULOAD > 0)

Where there are multiple student records, the record with the highest qualification aim is used.

IPEMPSOC2020

312. This field indicates the occupation in which the graduate is employed, as classified according to the 2020 Standard Occupational Classification, maintained by the Office for National Statistics. Graduates' responses to the Graduate Outcomes survey (in particular those detailing their job title and duties) are used to derive an appropriate SOC 2020 code, identifying the graduates' occupations.

313. For graduates either self-employed or working for an employer (but not both), this field is equivalent to the SOC code recorded in the HESA derived fields, XBUS2020SOC and XEMP2020SOC, respectively.

314. For self-employed graduates who are also working for an employer, this field is populated as follows:

- If only one of the recorded SOC codes identifies professional employment, IPEMPSOC2020 takes this value.

- If neither or both SOC codes indicate professional employment, the SOC code shown in IPEMPSOC2020 is the one associated with the graduate's most important employment activity during the census week, as determined by MIMPACT.
- If neither or both SOC codes indicate professional employment and the activity that the graduate considered to be their most important was not related to employment, then IPEMPSOC2020 takes the value of XEMP2020SOC where it is populated and XBUS2020SOC otherwise.

IPEMPEXCL1

315. This field indicates where students are excluded from the progression indicator population as they are not counted in the GO target population.

Value	Description	Definition
0	The student is counted in the Graduate Outcomes target population	IPEMPXPGO = 1
1	The student is not counted in the Graduate Outcomes target population	Otherwise

IPEMPEXCL2

316. This field indicates where students are excluded from the progression indicator population as they are not domiciled in the UK.

Value	Description	Definition
0	The student was domiciled in the UK	IPUKFLAG = 1
1	The student was not domiciled in the UK	Otherwise

IPEMPEXCL4

317. This field indicates where students are excluded from the progression indicator population as they are not part of the relevant HE population.

Value	Description	Definition
0	The student was part of the relevant HE population	IPHECAT in (2, 3, 4, 5)
1	The student was not part of the relevant HE population	Otherwise

IPEMPEXCL

This is a key field

318. This field indicates whether the student will be included in the progression indicators calculation.

319. For students excluded from the calculation, IPEMPEXCL contains the sum of all applicable values from the table below. The field is computed as (1 × IPEMPEXCL1) + (2 × IPEMPEXCL2) + (4 × IPEMPEXCL4). The reasons that contributed to the exclusion can therefore be determined. Students included in the calculation have IPEMPEXCL = 0.

Value	Description	Definition
1	Student is not counted in the GO target population	IPEMPEXCL1 = 1
2	The student was not UK-domiciled	IPEMPEXCL2 = 1
4	The student was not part of the relevant HE population	IPEMPEXCL4 = 1
0	Otherwise	None of the above

IPEMPRESPONSE

320. This field indicates whether the graduate responded to the Graduate Outcomes survey. Full and partial responses count as a response. Graduates known to have died or to be suffering a serious illness have been retrospectively removed from the graduate outcomes target population. Those who have explicitly refused to provide information are included in the target population but will take the value IPEMPRESPONSE = 0.

Value	Description	Definition
1	Responded to the Graduate Outcomes survey	ZRESPSTATUS in (03, 04)
0	Did not respond to the Graduate Outcomes survey	Otherwise

IPEMPRRNUM

This is a key field

321. This field indicates whether the graduate is included in the numerator of the response rate calculation for the progression indicators.

Value	Description	Definition
1	The graduate is included in the numerator of the response rate calculation	IPEMPRESPONSE = 1 and IPEMPEXCL = 0
0	The graduate is not included in the numerator of the response rate calculation	Otherwise

IPEMPWORK

322. This field indicates whether the graduate reported that they were working during the census week.

Value	Description	Definition
1	The graduate reported that they were working during the census week	ALLACT01 = 1 or ALLACT02 = 1 or ALLACT03 = 1 or ALLACT04 = 1 or ALLACT05 = 1
0	The graduate did not report that they were working during the census week	Otherwise

IPEMPWORKTYPE

323. For graduates employed during the census week, this field shows the type of employment the graduate was undertaking.

Value	Description	Definition
Professional	The graduate was in professional employment during the census week	IPEMPWORK = 1 and IPEMPSOC2020* in (1, 2, 3)
Non-professional	The graduate was in non-professional employment during the census week	IPEMPWORK = 1 and IPEMPSOC2020* in (4, 5, 6, 7, 8, 9)
SOC Missing	The graduate was employed during the census week but had a missing SOC code	IPEMPWORK = 1 and IPEMPSOC2020* in ($, 0, *BLANK*)
NA	The graduate was not employed during the census week	IPEMPWORK = 0

* The first character of IPEMPSOC2020 is used.

IPEMPSTUDY

324. This field indicates whether the graduate reported that they were studying during the census week.

Value	Description	Definition
1	The graduate reported that they were studying during the census week	ALLACT06 = 1
0	The graduate did not report that they were studying during the census week	Otherwise

IPEMPTRC

325. This field indicates whether the graduate reported that they were travelling, retired, or caring for someone during the census week.

Value	Description	Definition
1	The graduate reported that they were travelling, retired, or caring for someone during the census week	ALLACT07 = 1 or ALLACT08 = 1 or ALLACT09 = 1

Value	Description	Definition
0	The graduate did not report that they were travelling, retired, or caring for someone during the census week	Otherwise

IPEMPUNEMPLOYED

326. This field indicates whether the graduate reported that they were unemployed during the census week.

Value	Description	Definition
1	The graduate reported that they were unemployed during the census week	ALLACT10 = 1
0	The graduate did not report that they were unemployed during the census week	Otherwise

IPEMPOTHACT

327. This field indicates whether the graduate reported that they were doing something else during the census week.

Value	Description	Definition
1	The graduate reported that they were doing something else during the census week	ALLACT11 = 1
0	The graduate did not report that they were doing something else during the census week	Otherwise

IPEMPINDPOP

This is a key field

328. This field indicates whether the student is included in the population for the progression indicators.

Value	Description	Definition
1	Student is included in the population for the progression indicators	IPEMPRRNUM = 1 and IPEMPIND ≠ UNKNOWN

Value	Description	Definition
0	Student is not included in the population for the progression indicators	Otherwise

IPEMPIND

329. This field indicates the graduate's main activity as determined by the progression indicator.

Value	Description	Definition
PRO_EMP	Professional employment	IPEMPEXCL = 0 and IPEMPWORKTYPE = Professional and ((IPEMPSTUDY = 0 and IPEMPTRC = 0) or MIMPACT not in (06, 07, 08, 09))
FURTHER_STUDY	Primarily studying	IPEMPEXCL = 0 and IPEMPSTUDY = 1 and (MIMPACT = 06 or (IPEMPWORKTYPE in (NA, Non-professional, SOC Missing) and (IPEMPTRC = 0 or (IPEMPTRC = 1 and MIMPACT not in (07, 08, 09))))) and not above
OTHER_POSITIVE	Other activity considered positively	IPEMPEXCL = 0 and

Value	Description	Definition
		IPEMPTRC = 1 and ((IPEMPWORKTYPE in (NA, Non-professional, SOC Missing) and IPEMPSTUDY = 0) or MIMPACT = 07, 08, 09) and not above
NON_PRO_EMP	Non-professional employment	IPEMPEXCL = 0 and IPEMPWORKTYPE = Non-professional and IPEMPSTUDY = 0 and IPEMPTRC = 0 and not above
EMP_SOC_MISSING	Employment with missing SOC code	IPEMPEXCL = 0 and IPEMPWORKTYPE in (SOC, Missing) and IPEMPSTUDY = 0 and IPEMPTRC = 0 and not above
UNEMPLOYED	Unemployed or due to start work	IPEMPEXCL = 0 and IPEMPUNEMPLOYED = 1 and MIMPACT = 10 and not above

Value	Description	Definition
OTHER_NEGATIVE	Other activity considered negatively	IPEMPEXCL = 0 and IPEMPOTHACT = 1 and MIMPACT = 11 and not above
UNKNOWN	Unknown activity	IPEMPEXCL = 0 and IPEMPRESPONSE = 1 and not above

IPEMPSOCWEIGHT

330. This field indicates, for a graduate in employment with a missing SOC code, the extent to which the graduate contributes as a positive outcome in the numerator of the progression indicator. It is a weighting derived from the population of graduates at the provider with the graduate's mode of study (IPSTARTMODE) and broad level of study (IPAWARDLEVELBROAD), who reported being employed, with no other positive outcomes. IPEMPSOCWEIGHT shows the proportion of this cohort that entered professional employment. This field is only populated for graduates in the progression indicator population.

IPEMPINDNUM

This is a key field

331. This field indicates whether the graduate is included in the numerator of the Graduate Outcomes progression indicator.

Value	Description	Definition
1	The graduate is counted in the numerator of the progression indicator	IPEMPINDPOP = 1 and

Value	Description	Definition
		IPEMPIND in (PRO_EMP, FURTHER_STUDY, OTHER_POSITIVE)
Value of IPEMPSOCWEIGHT	The graduate is partially counted in the numerator of the progression indicator	IPEMPINDPOP = 1 and IPEMPSOCWEIGHT ≠ *BLANK* and IPEMPIND = EMP_SOC_MISSING
0	The graduate is not counted in the numerator of the progression indicator	Otherwise

IPGOINTSTUDY

332. This field indicates the mode of the graduate's interim study since completing their course.

Value	Description	Definition
FT	The graduate engaged in at least one instance of full-time interim study	FURSTU = 01 and (PREVINTENSITY1 = 01 or PREVINTENSITY2 = 01 or PREVINTENSITY3 = 01) and PREVINTENSITY1 ≠ 02 and PREVINTENSITY2 ≠ 02 and PREVINTENSITY3 ≠ 02
PT	The graduate engaged in at least one instance of interim study; all their interim study was part-time or not reported as either part-time or full-time	FURSTU = 01 and

Value	Description	Definition
		(PREVINTENSITY1 = 02 or PREVINTENSITY2 = 02 or PREVINTENSITY3 = 02) and PREVINTENSITY1 ≠ 01 and PREVINTENSITY2 ≠ 01 and PREVINTENSITY3 ≠ 01
OTH	The graduate engaged in other interim study (either a combination of full-time and part-time study, or interim study of unknown intensity)	FURSTU = 01 and not above
NA	The graduate did not engage in interim study	Otherwise

IPGOMEAN

333. This field indicates the degree to which the graduate agrees or disagrees with the statement: My current activity/study/work is meaningful.

Value	Description	Definition
1	The graduate strongly disagrees with the statement	ACTMEAN = 01 or STUMEAN = 01 or WRKMEAN = 01
2	The graduate disagrees with the statement	ACTMEAN = 02 or STUMEAN = 02 or

Value	Description	Definition
		WRKMEAN = 02
3	The graduate neither agrees nor disagrees with the statement	ACTMEAN = 03 or STUMEAN = 03 or WRKMEAN = 03
4	The graduate agrees with the statement	ACTMEAN = 04 or STUMEAN = 04 or WRKMEAN = 04
5	The graduate strongly agrees with the statement	ACTMEAN = 05 or STUMEAN = 05 or WRKMEAN = 05
U	Unknown	ACTMEAN = *BLANK* and STUMEAN = *BLANK* and WRKMEAN = *BLANK*

IPGOONTRACK

334. This field indicates the degree to which the graduate agrees or disagrees with the statement: My current activity/study/work fits with my future plans.

Value	Description	Definition
1	The graduate strongly disagrees with the statement	ACTONTRACK = 01 or STUONTRACK = 01 or WRKONTRACK = 01
2	The graduate disagrees with the statement	ACTONTRACK = 02 or STUONTRACK = 02 or WRKONTRACK = 02
3	The graduate neither agrees nor disagrees with the statement	ACTONTRACK = 03 or STUONTRACK = 03 or WRKONTRACK = 03
4	The graduate agrees with the statement	ACTONTRACK = 04 or STUONTRACK = 04 or WRKONTRACK = 04
5	The graduate strongly agrees with the statement	ACTONTRACK = 05 or STUONTRACK = 05 or WRKONTRACK = 05
U	Unknown	ACTONTRACK = *BLANK* and STUONTRACK = *BLANK* and WRKONTRACK = *BLANK*

IPGOSKILLS

335. This field indicates the degree to which the graduate agrees or disagrees with the statement: I am utilising what I learnt during my studies in my current activity/study/work.

Value	Description	Definition
1	The graduate strongly disagrees with the statement	ACTSKILLS = 01 or STUSKILLS = 01 or WRKSKILLS = 01
2	The graduate disagrees with the statement	ACTSKILLS= 02 or STUSKILLS= 02 or WRKSKILLS= 02
3	The graduate neither agrees nor disagrees with the statement	ACTSKILLS= 03 or STUSKILLS= 03 or WRKSKILLS= 03
4	The graduate agrees with the statement	ACTSKILLS= 04 or STUSKILLS= 04 or WRKSKILLS= 04
5	The graduate strongly agrees with the statement	ACTSKILLS= 05 or STUSKILLS= 05 or WRKSKILLS= 05
U	Unknown	ACTSKILLS = *BLANK* and STUSKILLS = *BLANK* and

Value	Description	Definition
		WRKSKILLS = *BLANK*

IPGOTTWA

336. This field contains the travel to work area (TTWA) of the graduate based on the information they reported in their GO response. This uses fields such as EMPPCODE and BUSEMPPCODE and is supplemented using information from EMPCITY and BUSEMPCITY for employed graduates. Various information is used for those in further study. Where no other information is available, the graduate's home postcode (IPPOSTCODE) is used. In all cases, these locations are mapped to a TTWA.

337. For graduates living abroad, this field is set to ABROAD.

IPGOTTWAQUINTILE

This is a key field

338. This field contains the quintile of the graduate's TTWA (defined by IPGOTTWA). Quintile 1 indicates that the graduate lives in an area with the lowest rates of positive outcomes, whereas quintile 5 indicates that the graduate lives in an area with the highest rates of positive outcomes. Further information on the methodology can be found in the OfS report 'a geography of employment and earnings', www.officeforstudents.org.uk/publications/a-geography-of-employment-and-earnings/.

339. For graduates living abroad (IPGOTTWA set to ABROAD), IPGOTTWAQUINTILE is set to 5.

IPGOTTWAEMPINDRATE

340. This field contains the positive outcome rate of the graduate's TTWA (defined by IPGOTTWA). This rate is used to create the quintiles. Further information on the methodology can be found in the OfS report 'a geography of employment and earnings', www.officeforstudents.org.uk/publications/a-geography-of-employment-and-earnings/.

Annex A: Fields included in individualised files

341. Not all of the fields described in this document can be included in individualised files. This is primarily due to data protection. Providers can be supplied with the data that they have submitted, but may not be able to view individualised data that is supplemented by data from sources such as the NSS.

342. The table below details which fields are available in providers' individualised files. Some fields are only available in certain years of individualised files, as they are not calculated for every single academic year.

Field	Included in core individualised file	Included in supplementary individualised file
IPSOURCE	Yes	Yes
IPBASEYEAR	Yes	Yes
IPRECID	Yes	Yes
IPUKPRNRC	Yes	Yes
IPUKPRNTC	Yes	Yes
IPCOUNTRY	No	Yes
IPCOMDATE	Yes	Yes
IPANNIV	No	Yes
IPPLANENDDATE	No	Yes
IPACTENDDATE	No	Yes
IPDENT	No	Yes
IPLEVELNUM	Yes	Yes
IPOFSQAIM	No	Yes
IPLEVEL	Yes	Yes
IPLEVELBROAD	No	Yes
IPAWARDLEVELNUM	No	Yes
IPAWARD_DETAIL	No	Yes
IPAWARDLEVEL	Yes	Yes
IPAWARDLEVELBROAD	No	Yes
IPAWARDBOD	Yes	Yes
IPAPPRENTICE	No	Yes
IPCRSELGTH	No	Yes
IPCRSELGTHGRP	Yes	Yes
IPMODE	No	Yes
IPSUBSTMODE	No	Yes
IPSTARTMODE	Yes	Yes
IPFOUNDYEAR	Yes	Yes
IPSANDWICH	Yes	Yes

Field	Included in core individualised file	Included in supplementary individualised file
IPJACS	No	No
IPHECOS	No	No
IPSBJ_CAH2	Yes	Yes
IPSBJ_CAH2_NAME	Yes	Yes
IPSBJ_CAH3	Yes	Yes
IPSBJ_CAH3_NAME	Yes	Yes
IPSBJ_CAH1	No	Yes
IPSBJ_CAH1_NAME	No	Yes
IPSBJ_BROAD	Yes	Yes
IPSBJ_BROAD_NAME	Yes	Yes
IPFPE	No	No
IPCAH3FPE	No	Yes
SUBWT	Yes	Yes
IPINTERCALATE	No	Yes
IPINTSBJ_CAH2	No	Yes
IPPRIORLEARNADJ	No	No
IPSTULOADCASE	No	No
IPSTULOAD	No	Yes
IPBIRTHDATE	No	Yes
IPSTARTAGE	Yes	Yes
IPSTARTAGEBAND	Yes	Yes
IPSEX	Yes	Yes
IPDISABLETYPE	Yes	Yes
IPDISABLE	Yes	Yes
IPETHNICDETAIL	No	Yes
IPETHNIC	Yes	Yes
IPSECTYPE	No	Yes
IPSEC	No	Yes
IPPARED	No	Yes
IPCARELEAVER	No	Yes
IPSEXORT	Yes	Yes
IPPOSTCODE	No	Yes
IPHOMETTWA	No	Yes
IPDOM	Yes	Yes
IPUKFLAG	No	Yes
IPPOLAR4	No	Yes

Field	Included in core individualised file	Included in supplementary individualised file
IPTUNDRALOOKUP	No	Yes
IPIMDNATION	Yes	Yes
IPCONABCS	Yes	Yes
IPLOCATION	No	Yes
IPLOCPOSTCODE	No	Yes
IPLOCSDY	No	Yes
IPDL	Yes	Yes
IPSTUDYTTWA	No	Yes
IPTTPCODETTWA	No	Yes
IPSTUDYLOCTYPE	Yes	Yes
IPCOMMUTE	No	Yes
OFSHE	No	Yes
IPHECAT	Yes	Yes
IPDUP	No	Yes
IPAYDUP	Yes	Yes
IPCONTEXTPOP	Yes	Yes
DFAPAPPEXCL	Yes	Yes
IPQUALIFIER	No	Yes
IPUGQUALIFIER	No	Yes
IPINSTANCEID	No	Yes
IPINSTANCEACTENDDATE	No	Yes
IPINSTANCEEXCL_PREENTROW	No	Yes
IPTARIFF	No	No
IPTARIFF_HESA	No	No
IPTARIFF_LINKED	No	No
IPQUALENT3	No	No
IPQUALENT3_HESA	No	No
IPQUALENT3_LINKED	No	No
IPQUALENT2	No	No
IPQUALENT2_HESA	No	No
IPQUALENT2_LINKED	No	No
IPGRADECOMB	No	No
IPGRADECOMB_HESA	No	No
IPGRADECOMB_LINKED	No	No
IPENTQUALGRP	No	Yes
IPENTQUALGRP_HESA	No	No

Field	Included in core individualised file	Included in supplementary individualised file
IPENTQUALGRP_LINKED	No	No
IPL3SOURCE	No	No
IPENTQUALBROAD	No	Yes
IPFSMPOP	Yes	Yes
IPFSMSTATE	Yes	Yes
IPENTRANTEXCL1	No	Yes
IPENTRANTEXCL2	No	Yes
IPENTRANTEXCL4	No	Yes
IPENTRANTEXCL	Yes	Yes
IPACCEXCL	Yes	Yes
IPCONQUAL	No	No
IPCONACTIVE	No	Yes
IPCONCENSUS_Y1	No	Yes
IPCONCENSUS_Y2	No	Yes
IPCONCENSUS_Y4	No	Yes
IPCONCENSUS_Y6	No	Yes
IPCONVALIDMODE_Y1	No	No
IPCONVALIDMODE_Y2	No	No
IPCONVALIDMODE_Y4	No	No
IPCONVALIDMODE_Y6	No	No
IPCONBASEYRQUAL_HE	No	Yes
IPCONBASEYRQUAL_CREDIT	No	Yes
IPCONBASEYRTRAN_HE	No	Yes
IPCONBASEYRTRAN_CREDIT	No	Yes
IPCONINDFULL_Y1	Yes	Yes
IPCONINDFULL_Y2	Yes	Yes
IPCONINDFULL_Y4	Yes	Yes
IPCONINDFULL_Y6	Yes	Yes
IPCIIINSTANCEID	No	No
IPCILEVELNUM	No	No
IPCIINSTANCEACTENDDATE	No	No
IPCIQUAL1	No	No
IPCIQUAL2	No	No
IPCIQUAL1NUM	No	No
IPCIQUAL2NUM	No	No
IPCIDERIVEDEXCL	No	No

Field	Included in core individualised file	Included in supplementary individualised file
IPCI_F_AIM	No	No
IPCI_F_COMDATE	No	No
IPCI_F_ENTRANTEXCL	No	No
IPCI_F_INTERCALATE	No	No
IPCI_F_RANK	No	No
IPCI_E_BASEYEAR	No	No
IPCI_E_COMPSTATUS	No	No
IPCI_E_ENDDATE	No	No
IPCI_E_INTERCALATE	No	No
IPCI_E_RSNEND	No	No
IPCI_E_SOURCE	No	No
IPCI_E_WITHDRAWREASON	No	No
IPCI_E_COLTODATE	No	No
IPCI_E_COLTOPROV	No	No
IPCI_Q_RANK	No	No
IPCI_Q_BASEYEAR	No	No
IPCI_Q_QUAL	No	No
IPCI_D_START	No	No
IPCI_D_CONSEC	No	No
IPCIENDED	Yes	Yes
IPCIRESULT	Yes	Yes
IPNSSSUPP	No	No
IPNSSTARGETPOP	No	No
IPNSSRESRATEEXCL	No	No
IPNSSRESPONSE	No	No
IPNSSINDEXCL	No	No
IPNSSTYPEQ	No	No
IPNSSACADAGREE	No	No
IPNSSACADDISAGREE	No	No
IPNSSACADNEUTRAL	No	No
IPNSSACADRESPOND	No	No
IPNSSASSESSAGREE	No	No
IPNSSASSESSDISAGREE	No	No
IPNSSASSESSNEUTRAL	No	No
IPNSSASSESSRESPOND	No	No
IPNSSINDEXCL	No	No

Field	Included in core individualised file	Included in supplementary individualised file
IPNSSLCOMAGREE	No	No
IPNSSLCOMDISAGREE	No	No
IPNSSLCOMNEUTRAL	No	No
IPNSSLCOMRESPOND	No	No
IPNSSLOPPAGREE	No	No
IPNSSLOPPDISAGREE	No	No
IPNSSLOPPNEUTRAL	No	No
IPNSSLOPPRESPOND	No	No
IPNSSLRESAGREE	No	No
IPNSSLRESDISAGREE	No	No
IPNSSLRESNEUTRAL	No	No
IPNSSLRESRESPOND	No	No
IPNSSNHSAGREE	No	No
IPNSSNHSDISAGREE	No	No
IPNSSNHSNEUTRAL	No	No
IPNSSNHSRESPOND	No	No
IPNSSORGAGREE	No	No
IPNSSORGDISAGREE	No	No
IPNSSORGNEUTRAL	No	No
IPNSSORGRESPOND	No	No
IPNSSOVSATAGREE	No	No
IPNSSOVSATDISAGREE	No	No
IPNSSOVSATNEUTRAL	No	No
IPNSSOVSATRESPOND	No	No
IPNSSRESPONSE	No	No
IPNSSRESRATEEXCL	No	No
IPNSSSUPP	No	No
IPNSSSVOCAGREE	No	No
IPNSSSVOCDISAGREE	No	No
IPNSSSVOCNEUTRAL	No	No
IPNSSSVOCRESPOND	No	No
IPNSSTARGETPOP	No	No
IPNSSTEACHAGREE	No	No
IPNSSTEACHDISAGREE	No	No
IPNSSTEACHNEUTRAL	No	No
IPNSSTEACHRESPOND	No	No

Field	Included in core individualised file	Included in supplementary individualised file
IPNSSTYPEQ	No	No
IPNSSNHSQ1	No	No
IPNSSNHSQ2	No	No
IPNSSNHSQ3	No	No
IPNSSNHSQ4	No	No
IPNSSNHSQ5	No	No
IPNSSNHSQ6	No	No
IPNSSQ1	No	No
IPNSSQ2	No	No
IPNSSQ3	No	No
IPNSSQ4	No	No
IPNSSQ5	No	No
IPNSSQ6	No	No
IPNSSQ7	No	No
IPNSSQ8	No	No
IPNSSQ9	No	No
IPNSSQ10	No	No
IPNSSQ11	No	No
IPNSSQ12	No	No
IPNSSQ13	No	No
IPNSSQ14	No	No
IPNSSQ15	No	No
IPNSSQ16	No	No
IPNSSQ17	No	No
IPNSSQ18	No	No
IPNSSQ19	No	No
IPNSSQ20	No	No
IPNSSQ21	No	No
IPNSSQ22	No	No
IPNSSQ23	No	No
IPNSSQ24	No	No
IPNSSQ25	No	No
IPNSSQ26	No	No
IPNSSQ27	No	No
XCLASSF01	No	Yes
IPDODEGCLASS	Yes	Yes

Field	Included in core individualised file	Included in supplementary individualised file
IPDODUP	No	Yes
IPDOQUALPOP	Yes	Yes
IPEMPXPGO	No	Yes
IPEMPSOC2020	No	Yes
IPEMPEXCL1	No	Yes
IPEMPEXCL2	No	Yes
IPEMPEXCL4	No	Yes
IPEMPEXCL	Yes	Yes
IPEMPRESPONSE	No	Yes
IPEMPRRNUM	Yes	Yes
IPEMPWORK	No	Yes
IPEMPWORKTYPE	No	Yes
IPEMPSTUDY	No	Yes
IPEMPTRC	No	Yes
IPEMPUNEMPLOYED	No	Yes
IPEMPOTHACT	No	Yes
IPEMPINDPOP	Yes	Yes
IPEMPIND	No	Yes
IPEMPSOCWEIGHT	No	Yes
IPEMPINDNUM	Yes	Yes
IPGOINTSTUDY	No	Yes
IPGOMEAN	No	Yes
IPGOONTRACK	No	Yes
IPGOSKILLS	No	Yes
IPGOTTWA	No	Yes
IPGOTTWAQUINTILE	Yes	Yes
IPGOTTWAEMPINDRATE	No	No

Annex B: Fields unchanged from previous specifications

343. The OfS has previously published technical documentation for construction of institutional performance measures. This specification contains many of the same fields and some of these are unchanged from the previous publication.

344. The following table contains fields that have not been changed between this document and ‘Technical algorithms for institutional performance measures: 2021 core algorithms’.

Field
IPSOURCE
IPBASEYEAR
IPRECID
IPUKPRNRC
IPUKPRNTC
IPCOUNTRY
IPCOMDATE
IPPLANENDDATE
IPACTENDDATE
IPDENT
IPOFSQAIM
IPLEVEL
IPAWARD_DETAIL
IPAWARDLEVEL
IPAWARDBOD
IPAPPRENTICE
IPJACS
IPHECOS
IPSBJ_CAH3
IPFPE
IPINTERCALATE
IPINTSBJ_CAH2
IPPRIORLEARNADJ
IPSTULOADCASE
IPSTULOAD
IPBIRTHDATE
IPSTARTAGE
IPSTARTAGEBAND
IPSEX
IPDISABLETYPE
IPDISABLE
IPETHNICDETAIL
IPETHNIC
IPPOSTCODE
IPHOMETTWA
IPDOM
IPUKFLAG

Field
IPPOLAR4
IPIMDNATION
IPLOCATION
IPLOCPOSTCODE
IPDL
IPSTUDYTTWA
IPSTUDYLOCTYPE
DFAPAPPEXCL
IPTARIFF
IPTARIFF_HESA
IPTARIFF_LINKED
IPQUALENT3
IPQUALENT3_HESA
IPQUALENT3_LINKED
IPQUALENT2
IPQUALENT2_HESA
IPQUALENT2_LINKED
IPGRADECOMB
IPGRADECOMB_HESA
IPGRADECOMB_LINKED
IPL3SOURCE
IPFSMPOP
IPFSMSTATE
IPCONACTIVE
XCLASSF01

List of abbreviations

Abbreviation	Meaning
ABCS	Associations between characteristics of students
CAH	Common Aggregation Hierarchy
DfE	Department for Education
ESFA	Education and Skills Funding Agency
FHEQ	Framework for higher education qualifications
FPE	Full-person equivalent
FSM	Free school meals
FTE	Full-time equivalence
GO	Graduate Outcomes (survey)
HECoS	Higher Education Classification of Subjects
HESA	Higher Education Statistics Agency
HNC	Higher National Certificate
HND	Higher National Diploma
ILR	Individualised Learner Record
IMD	Index of Multiple Deprivation
ITT	Initial teaching training
JACS	Joint Academic Coding System
LDCS	Learn Direct Class System
MSOA	Middle layer super output area
NPD	National Pupil Database
NSS	National Student Survey
NVQ	National Vocational Qualification
OfS	Office for Students
ONC	Ordinary National Certificate
OND	Ordinary National Diploma
ONS	Office for National Statistics
PGCE	Postgraduate Certificate in Education
POLAR	Participation of local areas (classification)
SKE	Subject knowledge enhancement (courses)
SOC	Standard Occupational Classification
SQA	Scottish Qualifications Authority

TEF	Teaching Excellence Framework
TTWA	Travel to work area
TUNDRA	Tracking underrepresentation of areas
UCAS	Universities and Colleges Admissions Service