Technical algorithms for student outcome and experience measures

Spring 2023 core algorithms

Enquiries to providermetrics@officeforstudents.org.uk

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Contents

Introduction

Purpose

1. The Office for Students (OfS) constructs and publishes a standard set of student outcome and experience data measures for use in our regulation. They inform our regulatory judgements for the following purposes:

    a. Regulating access and participation through registration condition A1.[1]

    b. Regulating student outcomes through registration condition B3, and for risk-based monitoring of quality and standards more generally.[2]

    c. Assessments through the Teaching Excellence Framework (TEF).[3]

2. We construct data indicators as numerical measures that help us to understand the outcomes and experiences that a provider delivers for its students at different stages of the student lifecycle in higher education. The same measures are also reported on as key performance measures for the OfS, and within sector-level analyses of student outcomes, experiences or student groups:

    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.

3. Student outcome and experience indicators are produced in the same way for each provider we regulate, using available national datasets and consistent definitions and approaches to data. They provide one part of the evidence used in our regulatory processes: any judgements that we make about a provider's performance will also take into account the context of that provider.

[1] The OfS registration conditions are described in the Regulatory framework for higher education in England, and its amendments, at https://www.officeforstudents.org.uk/publications/securing-student-success-regulatory-framework-for-higher-education-in-england.

[2] As set out in the revised ongoing conditions of registration B1, B2, B4 and B5, which came into effect from 1 May 2022.

[3] See regulatory advice 22: Guidance on the Teaching Excellence Framework 2023 at https://www.officeforstudents.org.uk/publications/regulatory-advice-22-guidance-on-the-teaching-excellence-framework-2023/.

4. We have published interactive data dashboards and associated data files which use data definitions and approaches that follow from our recent consultation on the construction of the student outcome and experience measures we use in OfS regulation.[4] To date, these include:

   a. The student outcomes data dashboard showing the measures of continuation, completion and progression outcomes used to inform our regulation of condition B3.[5]

   b. The TEF data dashboard showing the measures of student experience, and continuation, completion and progression outcomes used to inform the TEF assessments we intend to undertake in 2023.[6]

   c. A data dashboard showing the sector distributions of student outcome and experience measures.[7]

   d. A data dashboard showing information about the size and shape of each provider's student population.[8]

   e. The access and participation data dashboards.[9]

5. We expect to update each of the data resources listed in paragraph 4 with the most recent data as it becomes available. This means that we may publish one or more updates each year, broadly as follows:

Data resources	Anticipated update schedule
Student outcomes	Update continuation and completion measures in spring to incorporate the most recent HESA and ILR student records used in their construction. Update progression measures in summer to incorporate the most recent Graduate Outcomes survey responses used in their construction.
Sector distributions	Update continuation and completion measures in spring to incorporate the most recent HESA and ILR student records used in their construction. Update progression measures in summer to incorporate the most recent Graduate Outcomes survey responses used in their construction. Update student experience measures in autumn to incorporate the most recent National Student Survey responses used in their construction.

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

[5] See https://www.officeforstudents.org.uk/data-and-analysis/student-outcomes-data-dashboard/.

[6] See https://www.officeforstudents.org.uk/data-and-analysis/tef-data-dashboard/.

[7] See https://www.officeforstudents.org.uk/data-and-analysis/sector-distribution-of-student-outcomes-and-experience-measures-data-dashboard/.

[8] See https://www.officeforstudents.org.uk/data-and-analysis/size-and-shape-of-provision-data-dashboard/.

[9] See https://www.officeforstudents.org.uk/data-and-analysis/access-and-participation-data-dashboard/.

Data resources	Anticipated update schedule
Size and shape	Update in spring to incorporate the most recent HESA and ILR student records used in the construction of size and shape of provision data.
Access and participation	Update access, continuation, completion and achievement measures in spring to incorporate the most recent HESA and ILR student records used in their construction. Update progression measures in summer to incorporate the most recent Graduate Outcomes survey responses used in their construction.

6. This document sets out the data definitions we use to construct student outcome and experience measures that we have published, or expect to publish, during 2023. It does so on the basis of their formulation as algorithms that can be applied to individualised student records collected annually by the Higher Education Statistics Agency (HESA) or the Education and Skills Funding Agency (ESFA).[10] In doing this, it covers algorithms that underpin the calculation of all of the data indicators listed in paragraph 2 and which cover student outcomes and experiences at all of the different stages of the student lifecycle in higher education.

Who is this document for?

7. This document is intended to aid providers and other users of our student outcome and experience measures to understand the definitions and approaches we have used in our publication of the interactive data dashboards described in paragraph 4. It sets out the categorisations applied to individualised student data returns in algorithm form and details how we use these to construct the student outcome and experience data indicators listed in paragraph 2. It is aimed at readers with in-depth knowledge of the HESA Student, HESA Student Alternative or Individualised Learner Record (ILR) student data.

8. You should be aware that not all of the algorithms in this document are relevant to the student outcome and experience measures produced for all of our regulatory purposes. In particular, some algorithms relate to student characteristics which are relevant only to their use in the access and participation data dashboard and play no role in the measures we produce for the regulation of student outcomes or the TEF.

Guidance for using this document

9. The algorithms described in this document are applied to the 2010-11 to 2021-22 individualised student records collected annually by the Higher Education Statistics Agency (HESA) or the Education and Skills Funding Agency (ESFA). When using this document, you are advised to have copies of the following to hand, for whichever source is relevant to your provider:

    a. ‘HESA Student Record Coding Manual 2021-22’ and prior years

[10] HESA’s legal status as the higher education sector’s designated data body (DDB) for England transferred to Jisc in October 2022 following the merger of these two sector bodies. This document refers to the HESA Student record and the HESA Student Alternative record because this naming convention represents the majority of the time series implicated through this document. For the avoidance of doubt, these references relate to the DDB, including for the 2021-22 academic year.

b. ‘HESA Student Alternative Record Coding Manual 2021-22’ and prior years

c. ‘Specification of the Individualised Learner Record for 2021 to 2022’ and prior years.

10. Individualised student data files are supplied to higher education providers via the OfS portal. These contain data relating to a provider’s own students and show how they have been categorised according to the algorithms defined in this document. Annex A lists which fields are included in the individualised files.

11. When used in combination with the individualised data files we have released to each provider, the algorithms described in this document allow providers to determine exactly which students have contributed to the indicators (and which have not), as well as the nature of that contribution. The availability of both the algorithms and the individualised data files is intended to support higher education providers to understand our approach to calculating student outcome and experience measures and for reporting on various characteristics of students, higher education provision and student outcomes.

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.

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

Key field
IPSTARTAGEBAND
IPSEX
IPDISABLETYPE
IPDISABLE
IPETHNIC
IPSEC
IPSEXORT
IPDOM
IPPOLAR4
IPTUNDRALOOKUP
IPIMDNATION
IPACCABCS, IPCONABCS, IPCOMPABCS and IPPROGABCS
IPDL
IPSTUDYLOCTYPE
IPHECAT
IPAYDUP
IPCONTEXTPOP
DFAPAPPEXCL
IPENTQUALBROAD
IPFSMPOP
IPFSMSTATE
IPENTRANTEXCL
IPACCEXCL
IPCONINDFULL_YX
IPNSSRESRATEEXCL
IPNSSRESPONSE
IPNSSINDEXCL
IPNSSxxxxRESPOND, IPNSSxxxxAGREE, IPNSSxxxxDISAGREE and IPNSSxxxxNEUTRAL
IPDODEGCLASS
IPDOQUALPOP
IPEMPEXCL
IPEMPRRNUM
IPEMPINDPOP
IPEMPINDNUM
IPGOQUINTILE

Related guidance

14. The information provided in this document supplements guidance about our regulatory approaches. It is one of a series of technical documents that provide details of the definitions and methods that we use to construct student outcome and experience indicators. You may want to consider this document alongside the following guidance document(s) and resources in particular:

    a. Regulatory notice 1: Access and participation plan guidance[11]

    b. Regulatory advice 20: Regulating student outcomes[12]

    c. Regulatory advice 22: Guidance on the Teaching Excellence Framework 2023[13]

15. We have published dashboard user guides within and alongside each of our interactive data dashboards, as well as a series of frequently asked questions. These resources are intended to support users to navigate and interact with the data dashboards efficiently and effectively. The explanations they include are consistent with those given in this document and readers who have some familiarity with the data definitions may find it helpful to engage with those explanations in the immediate context of the dashboard in question.

16. To understand their own student data, we have released data resources to providers, including individualised student data files and workbooks showing data and indicators at provider level. We have also published a description of our measures and the methods used to construct and present them, instructions for rebuilding our indicators from individualised student data, and the sector average outcomes that are used in benchmarking calculations.[14] Readers seeking an in-depth understanding may wish to consider these resources when reading through this document.

Enquires and feedback

17. For enquiries regarding the definitions and methods described in this document, and to give feedback, contact providermetrics@officeforstudents.org.uk.

[11] See https://www.officeforstudents.org.uk/publications/regulatory-notice-1-access-and-participation-plan-guidance.

[12] See https://www.officeforstudents.org.uk/publications/regulatory-advice-20-regulating-student-outcomes.

[13] See https://www.officeforstudents.org.uk/publications/regulatory-advice-22-guidance-on-the-teaching-excellence-framework-2023/.

[14] See https://www.officeforstudents.org.uk/data-and-analysis/student-outcome-and-experience-measures/documentation.

Fields used to describe the data structure

IPSOURCE

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

19. 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

20. 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.

21. Where an algorithm refers to 20YY, this is equivalent to IPBASEYEAR.

IPRECID

22. 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

23. 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 15 December 2022.

IPUKPRNTC

This is a key field

24. 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 25 to 30. The value of IPUKPRNTC will take into account whether a provider was involved in a merger before 15 December 2022.

IPSOURCE = HESASTU

25. 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

26. For the HESA Student Alternative record, this is set as IPUKPRNRC for 2017-18 and before (IPBASEYEAR ≤ 2017).

27. For 2018-19 onwards (IPBASEYEAR ≥ 2018), PRIPROV is used to determine the provider at which the student receives the majority of their teaching for the year. For the registering provider and each teaching provider returned in the PRIPROV field, we calculate the total FTE for that provider across the different instance periods in that academic year using STULOAD.

28. Where a student has more FTE at either a registering or teaching provider than any other provider, the value of IPUKPRNTC is set to the provider's UKPRN or the value of PRIPROV

respectively. If there is a tie between a registering and teaching provider, the registering provider is chosen. If there is a tie between two teaching providers, IPUKPRNTC is set to Unknown.

IPSOURCE = ILR

29. 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.

30. 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

31. 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

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

IPSOURCE = ILR

33. 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

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

IPPLANENDDATE

IPSOURCE = HESASTU or HESASAR

35. This field is not calculated.

IPSOURCE = ILR

36. 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

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

IPSOURCE = ILR

38. 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

39. 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

40. This field is not calculated.

IPLEVELNUM

This is a key field

41. This field gives the level of study according to the sector-recognised standards relating to the OfS' ongoing condition of registration B5 and initial condition B8, available at https://www.officeforstudents.org.uk/publications/securing-student-success-regulatory-framework-for-higher-education-in-england. This also aligns with FHEQ and NVQ levels.

IPSOURCE = HESASTU or HESASAR

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

Value	Description	Definition
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

42. 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))

Value	Description	Definition
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 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))

Value	Description	Definition
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 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 LEARNAIMREF not in (00304787, 00304789)

Value	Description	Definition
		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 LEARNAIMREF not in (00304787, 00304789) and (NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H))
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
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

Value	Description	Definition
		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 NOTIONALNVQLEVELV2 = X) and not above
NA	Not applicable as aim is a programme aim	LEARNAIMREF = ZPROG001
FE	Further education course	Otherwise

IPOFSFUNDAIM

IPSOURCE = HESASTU or HESASAR

43. This field is not calculated.

IPSOURCE = ILR

44. This field indicates whether a learning aim meets the definition of recognised higher education for OfS funding purposes, as per paragraphs 1-2 of Annex B of 'HESES22 - Higher Education Students Early Statistics Survey 2022-23' (http://www.officeforstudents.org.uk/publications/heses22).

45. For a full definition of this field please refer to '2021-22 ILR data checking tool: Classifying learning aims technical document' available at https://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2021-22-ilr-data-checking-tool.

46. The definition of recognised higher education for OfS funding purposes was introduced from the academic year 2018-19. For earlier years, this field indicates where a learning aim would have met this definition.

47. This field is calculated for years 2017-18 onwards.

IPLEVEL

This is a key field

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

49. For ILR records, learning aims which refer to a class code are categorised as studying for higher education credit rather than a higher education qualification.

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)
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

50. 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)

Value	Description	Definition
PGR	Postgraduate research level	IPLEVEL in (PHD, OPGR)
NA	Further education level or otherwise not applicable broad level	Otherwise

IPAWARDLEVELNUM

51. This field gives the FHEQ level of study of the qualification awarded to the student during the reporting year according to the sector-recognised standards relating to the OfS' ongoing condition of registration B5 and initial condition B8, available at https://www.officeforstudents.org.uk/publications/securing-student-success-regulatory-framework-for-higher-education-in-england. This also aligns with FHEQ and 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)
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

52. This field is not calculated.

IPAWARD_DETAIL

53. 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

Value	Description	Definition
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 (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

Value	Description	Definition
PGCE	PGCE and other postgraduate initial teacher training (ITT)	XQOBTN01 in (H71, M71)
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

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

IPAWARDLEVEL

This is a key field

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

56. For ILR records, learning aims which refer to a class code are categorised as awards of higher education credit rather than a higher education qualification.

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)
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

Value	Description	Definition
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

57. 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

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

IPSOURCE = HESASTU

59. 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

Value	Description	Definition
		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

60. 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

61. 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.

62. 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

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

63. 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 60.

IPSOURCE = ILR

64. 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

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

IPSOURCE = HESASTU

66. 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

Value	Description	Definition
		INITIATIVES2 in (K, X, Z) or INITIATIVES3 in (K, X, Z))
0	The student is not studying on an apprenticeship	Otherwise

IPSOURCE = HESASAR

67. 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

68. 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

69. 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

70. 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

71. 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

72. 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

IPDAYSSTUDIED

73. This field contains the number of days between the start date in the student's entrant year and the end date of their study. It is calculated for entrant records, identified by IPENTRANTEXCL = 0, and equals the difference between the student's start date (IPCOMDATE) and the earliest reported end date (IPACTENDDATE) across all records asscociated with student's instance of study, as determined by IPINSTANCEID. Records with IPINSTANCEEXCL_PREENTROW = 1 are excluded from the earliest reported end date calculation. If no end date is available for the student instance, this field is not calculated.

IPMODE

74. 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)

Value	Description	Definition
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 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

Value	Description	Definition
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 (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

75. 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 203–212, to look across all years of an instance.

76. 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.

77. 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

Value	Description
OTH	Other
NA	Not applicable, substantive mode of study cannot be determined

IPSTARTMODE

This is a key field

78. 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.

79. Instance linking, described in paragraphs 203–212, 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.

80. 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

81. 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

82. This field is calculated on the same basis as IPMODE in paragraph 74 for the earliest record associated with this instance.

83. 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

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

85. 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 203–212.

86. 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:

a. the instance contains a year of study where the year of programme has been returned as zero (YEARPRG = 0) and IPINSTANCEEXCL_PREENTROW = 0

b. 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

87. 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

88. 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

89. 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

90. 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

91. 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' document.[15]

IPHECOS

92. 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

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

IPSOURCE = ILR

94. This field is not calculated.

IPSBJ_CAH2

This is a key field

95. 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.[16]

IPSOURCE = ILR

96. 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' document.[17] 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

97. 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.

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[15] See 'Subject code mappings' available at https://www.officeforstudents.org.uk/data-and-analysis/student-outcome-and-experience-measures/documentation.

[16] See https://www.hesa.ac.uk/files/HECoS_CAH_Version_1.3.4_final.xlsx.

[17] See 'Subject code mappings' available at https://www.officeforstudents.org.uk/data-and-analysis/student-outcome-and-experience-measures/documentation/.

IPSBJ_CAH3

98. 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.[18]

IPSBJ_CAH3_NAME

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

IPSBJ_CAH1

100. 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

101. 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

102. 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)

[18] See https://www.hesa.ac.uk/files/HECoS_CAH_Version_1.3.4_final.xlsx.

Value	Description	Definition
10	Nursing, allied health and psychology	IPSBJ_CAH2 in (CAH02-02, CAH02-04, CAH02-05, CAH02-06, CAH04-01)

IPSBJ_BROAD_NAME

103. 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

104. 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.[19]

IPSOURCE = HESASTU or HESASAR

105. IPFPE is equal to XFPE01.

IPSOURCE = ILR

106. 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

107. 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

108. SUBWT is calculated as IPCAH3FPE divided by 100.

IPINTERCALATE

IPSOURCE = HESASTU

109. 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 INTERCALATE = 01) or

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

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

IPSOURCE = HESASAR or ILR

110. This field is not calculated.

IPINTSBJ_CAH2

111. 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.

Calculation of FTE for ILR records

112. 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.[20]

113. 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'.

114. 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

115. This field is not calculated.

IPSOURCE = ILR

116. 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
0	IPBASEYEAR > 2016 and PRIORLEARNFUNDADJ = 0
1	Otherwise

IPSTULOADCASE

IPSOURCE = HESASTU or HESASAR

117. This field is not calculated.

[20] See https://www.officeforstudents.org.uk/data-and-analysis/student-number-data.

IPSOURCE = ILR

118. 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*
4	STULOAD will be assigned to 10	IPOFSQAIM = FE and STULOAD = *BLANK*

IPSTULOAD

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

IPSOURCE = HESASTU

120. IPSTULOAD is equal to STULOAD.

IPSOURCE = HESASAR

121. 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

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

IPSOURCE = HESASTU or HESASAR

123. IPBIRTHDATE is equal to BIRTHDTE.

IPSOURCE = ILR

124. 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

125. 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

126. 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 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

Value	Description	Definition
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

127. This field indicates the sex of the student.

IPSOURCE = HESASTU or HESASAR

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

128. 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*)

Value	Description	Definition
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 (IPBASEYEAR < 2015 and LLDD_DS = 98, 99, *BLANK* and LLDD_LD = 98, 99, *BLANK*)

Value	Description	Definition
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

129. 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*)

Value	Description	Definition
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

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

IPSOURCE = HESASTU

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

Value	Description	Definition
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
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, 16, 19)
U	Refused, unknown or not collected	Otherwise

IPSOURCE = 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
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)

Value	Description	Definition
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

131. 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

132. 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.

133. 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	IPBASEYEAR ≥ 2015 and 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	IPBASEYEAR ≥ 2015 and 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	IPBASEYEAR ≥ 2015 and not above
BLANK	This field is not calculated for this academic year	IPBASEYEAR < 2015

IPSOURCE = HESASAR and ILR

134. This field is not calculated.

IPSEC

This is a key field

IPSOURCE = HESASTU

135. 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.

136. 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	IPSECTYPE = NA
BLANK	This field is not calculated for this academic year	IPSECTYPE = *BLANK*

IPSOURCE = HESASAR or ILR

137. This field is not calculated.

IPPARED

IPSOURCE = HESASTU

138. This field indicates whether a student's parents had any higher education qualifications when the student started their studies.

139. This field is calculated for years 2012-13 onwards. For earlier years IPPARED is blank.

Value	Definition
Value of PARED	IPBASEYEAR ≥ 2012 and PARED ≠ *BLANK*
NA	IPBASEYEAR ≥ 2012 and PARED = *BLANK*
BLANK	IPBASEYEAR < 2012

IPSOURCE = HESASAR or ILR

140. This field is not calculated.

IPCARELEAVER

IPSOURCE = HESASTU

141. This field indicates whether a student is a care leaver. IPCARELEAVER is only applicable for UK-domiciled undergraduate students who started their studies in the academic year 2014-15 or later.

142. 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	IPBASEYEAR ≥ 2014 and CARELEAVER ≠ *BLANK* and DFAPAPPEXCL = 0 and IPLEVEL in (DEG, OUG, PUGD) and IPCOMDATE ≥ 1 August 2014
NA	IPBASEYEAR ≥ 2014 and not above
BLANK	IPBASEYEAR < 2014

IPSOURCE = HESASAR or ILR

143. This field is not calculated.

IPSEXORT

This is a key field

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

IPSOURCE = HESASTU

Value	Definition
Value of SEXORT	IPBASEYEAR ≥ 2015 and SEXORT ≠ *BLANK*
NA	IPBASEYEAR ≥ 2015 and SEXORT = *BLANK*
BLANK	IPBASEYEAR < 2015

IPSOURCE = HESASAR

Value	Definition
Value of SEXORT	IPBASEYEAR ≥ 2020 and SEXORT ≠ *BLANK*
NA	IPBASEYEAR ≥ 2020 and SEXORT = *BLANK*
BLANK	IPBASEYEAR < 2020

ILR

145. This field is not calculated.

IPPOSTCODE

IPSOURCE = HESASTU or HESASAR

146. 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

147. 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

148. 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

149. 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
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 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

Value	Description	Definition
		IPPOSTCODE begins ZZ) and IPCOUNTRY = N))) or (DOMICILE in (ZZ, *BLANK*) and IPPOSTCODE is in Northern Ireland
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

150. 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

IPADULTHEQ

151. This field shows, for UK-domiciled students only (IPUKFLAG = 1), the Adult HE 2011 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 Adult HE 2011 measure assigns a quintile to an area based on the proportion of adults from that area that held a higher education qualification at the point of the 2011 census. Further detail of the methodology can be found at https://www.officeforstudents.org.uk/data-and-analysis/young-participation-by-area/about-polar-and-adult-he.

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

IPPOLAR4

This is a key field

153. 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. Further detail of the methodology can be found at https://www.officeforstudents.org.uk/data-and-analysis/young-participation-by-area/about-polar-and-adult-he.

154. 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 at https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography.

IPTUNDRALOOKUP

This is a key field

155. This field shows, for students with a home postcode (IPPOSTCODE) in England, 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.

156. Values are assigned as 1 to 5, with 1 being the quintile of lowest participation rate. Students with unknown or invalid home postcodes are attributed IPTUNDRALOOKUP = UNKNOWN and students whose home postcodes are not in England are attributed 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

157. 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.

158. 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.

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

IPIDACI

159. This field shows the 2019 Income Deprivation Affecting Children Index (IDACI) quintile of a student for students with a home postcode (IPPOSTCODE) in England. The index is based on all children aged 0 to 15 living in income deprived families. Further information about the IDACI measure can be found at https://www.gov.uk/government/statistics/english-indices-of-deprivation-2019.

160. Values are assigned as 1 to 5, with 1 being the quintile of highest deprivation. Students with unknown or invalid home postcodes are attributed IPIDACI = UNKNOWN and students whose home postcodes are not in England are attributed IPIDACI = NA. Further information about the terminology used in census geography can be found at https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography

IPACCABCS, IPCONABCS, IPCOMPABCS and IPPROGABCS

This is a key field

161. These fields contain the associations between characteristics of students (ABCS) quintiles for access (IPACCABCS), continuation (IPCONABCS), completion (IPCOMPABCS) and progression (IPPROGABCS). The ABCS methodology identifies groups of students by how likely they are to receive a positive outcome in the relevant measure based on a set of student characteristics. More information about ABCS and the student characteristics used can be found at https://www.officeforstudents.org.uk/publications/update-to-associations-between-characteristics-of-students.

162. ABCS quintiles for continuation, completion and progression are calculated separately for full-time and part-time students. For full-time and apprenticeship students (IPSTARTMODE =

FT or IPSTARTMODE = APPR), the full-time ABCS grouping is used. For part-time students (IPSTARTMODE = PT), the part-time ABCS grouping is used.

163. Where a student was in the relevant ABCS population, the field will either contain the values 1 to 5, corresponding to the relevant ABCS quintile, or it will contain the value 999 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.

Fields used to describe the location of study

IPLOCATION

IPSOURCE = HESASTU or ILR

164. This field is not calculated.

IPSOURCE = HESASAR

165. 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 instance period in the year.

IPLOCPOSTCODE

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

IPSOURCE = HESASTU

167. 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.

168. Where the student is taught at another provider (IPUKPRNTC ≠ IPUKPRNRC), we decide whether to use the legal or contact postcode (as shown on the UK Register of Learning Providers) of the teaching provider as follows. We consider the distance between term-time postcode (TTPCODE) and the legal and contact postcodes across all non-distance learning students for each unique combination of teaching and registering provider in that year. Whichever of the legal and contact postcode has the lowest median distance across these students is used as the location of teaching. For 2020-21 onwards, this is supplemented by data from the delivery organisation and location dataset. Where a delivery organisation (DELORG) matches the teaching provider for a student on a given course, the PCODELOC for that course and delivery organisation is used. In either of these cases the UKPRN of the teaching provider is equal to IPUKPRNTC before IPUKPRNTC has been adjusted to take into account mergers involving the provider in question.

169. Where we are unable to find a location of study postcode, IPLOCPOSTCODE is set to Unknown.

IPSOURCE = HESASAR

170. Where a student is taught at the registering provider (IPUKPRNTC = IPUKPRNRC), the following methodology is used. 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.

171. Where the student is taught at another provider (IPUKPRNTC ≠ IPUKPRNRC), the legal postcode of the teaching provider is used. For 2020-21 onwards, this is supplemented by data from the delivery organisation and location dataset. Where a delivery organisation (DELORG)

matches the teaching provider for a student on a given course, the PCODELOC for that course and delivery organisation is used. The value of DELORG is matched to the value of IPUKPRNTC before IPUKPRNTC has been adjusted to take into account mergers involving the provider in question.

172. Where we are unable to find a location of study postcode, IPLOCPOSTCODE is set to Unknown.

IPSOURCE = ILR

173. 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.

174. Where we are unable to find a location of study postcode, IPLOCPOSTODE is set to Unknown.

IPLOCSDY

175. This field shows the location of study.

IPSOURCE = HESASTU

176. IPLOCSDY is equal to LOCSDY

IPSOURCE = HESASAR

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

IPSOURCE = ILR

178. This field is not calculated.

IPDL

This is a key field

179. 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

Value	Description	Definition
0	The student is not known to be a distance learning student	Otherwise

IPSTUDYTTWA

180. 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.[21]

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

181. 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
UNKNOWN	Travel to work area of term-time postcode not known	Otherwise

IPSOURCE = HESASAR

182. 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

[21] See https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeographies/census2021geographies.

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

IPSTUDYLOCTYPE

This is a key field

183. 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 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

184. 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

185. This field is not calculated.

Fields used to derive populations of students

OFSHE

186. 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, O) and TTCID not in (E, 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 186	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

Value	Description	Definition
		(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 186	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 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 186	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

187. 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 186	Otherwise

IPSOURCE = HESASAR

Value	Description	Definition
1	Student is registered at a UK provider but is mainly studying abroad	OFSHE = 1 and IPLOCSDY = S

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 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 186	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 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 186	Otherwise

IPDUP

188. 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).

189. Person-based linking is used in order to identify duplicates between providers, as described in paragraphs 199–202.

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 188.

IPAYDUP

This is a key field

190. 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)))

Value	Description	Definition
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 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[22].

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

[22] See https://www.hesa.ac.uk/collection/c21051/derived/xpsr01.

Value	Description	Definition
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[23]

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

192. 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.

[23] The definition of this field was updated in June 2023 to correct a methodological oversight concerning the identification of the qualifiers population defined for the purposes of providing contextual information. Qualifying students who are not included in the all students contextual population for a given year (on account of their course following an academic year which spans multiple HESA or ILR reporting periods, for example) are now identified distinctly, to inform reporting of the qualifiers contextual population. For the avoidance of doubt, this issue does not impact on qualifier populations defined for other purposes (such as construction of progression or degree outcome measures).

c. If there are multiple records at the highest level, the record with the lowest non-zero IPCONTEXTPOP value is prioritised (e.g IPCONTEXTPOP = 1 is prioritised over IPCONTEXTPOP = 2).

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

193. 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 the all students population, values 1, 2, 3 and 4 are used

b. For the entrants population, values 1 and 2 are used

c. For the qualifiers population, values 1, 3 and 5 are used

IPSOURCE = HESASTU

Value	Description	Definition
1	The student is counted in the all students, entrant and qualifier contextual populations	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and IPAWARDLEVELBROAD ≠ NA 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
2	The student is counted in the all students and entrant contextual populations 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

Value	Description	Definition
		(IPACTENDDATE = *BLANK* or IPACTENDDATE – COLFROMDATE > 14 days))) and not above
3	The student is counted in the all students and qualifier contextual populations 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 all students contextual population, but not in the entrant or qualifier contextual populations	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and not above
5	The student is counted in the qualifier contextual population, but not in the all students or entrant contextual populations	IPHECAT in (1, 2, 3, 4, 5) and IPAWARDLEVELBROAD ≠ NA and not above
0	The student is not counted in the contextual population	Not above or Student is not counted towards the contextual population after deduplication (see paragraph 192)

IPSOURCE = HESASAR

Value	Description	Definition
1	The student is counted in the all students, entrant and qualifier contextual populations	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 all students and entrant contextual populations 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 and not above

Value	Description	Definition
3	The student is counted in the all students and qualifier contextual populations 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 all students contextual population, but not in the entrant or qualifier contextual populations	IPHECAT in (1, 2, 5) and IPAYDUP = 0 and not above
5	The student is counted in the qualifier contextual population, but not in the all students or entrant contextual populations	IPHECAT in (1, 2, 3, 4, 5) and IPAWARDLEVELBROAD ≠ NA and not above
0	The student is not counted in the contextual population	Not above or Student is not counted towards the contextual population after deduplication (see paragraph 192)

IPSOURCE = ILR

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

Value	Description	Definition
	entrant contextual population	OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVELBROAD ≠ NA and not above
4	The student is counted in the all students contextual population, but not in the entrant or qualifier contextual populations	IPHECAT in (2, 5) and IPAYDUP = 0 and not above
5	The student is counted in the qualifier contextual population, but not in the all students or entrant contextual populations	IPHECAT in (2, 5) and OUTCOME in (1, 2, 4, 5, 6, 7, 8) and IPAWARDLEVELBROAD ≠ NA and not above
0	The student is not counted in the contextual population	Not above or Student is not counted towards the contextual population after deduplication (see paragraph 192)

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

194. This field is only relevant to the construction of the access and participation data dashboard. This field should only be used in conjunction with IPHECAT, or a derived field which uses IPHECAT in its derivation. We anticipate that a restriction on IPHECAT = 2, 3, 4, or 5 would be appropriate for most use cases.

195. 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)

Value	Description	Definition
1	The student would not be in scope of access and participation plans	Otherwise

IPQUALIFIER

196. This field indicates whether the student qualified at higher education-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)
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

197. 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

198. 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

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

200. 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.

201. 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.

202. Person-based linking uses the most recent available student data. Addition of new or updated student data may impact where links can be made and result in gained or lost links between student records or between student data and other data sources. Variation of this sort is expected on a year-on-year basis as new academic years of data become available.

Instance linking

203. 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.

204. 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.

205. 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.

206. 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.

207. This method uses multiple years of student data up to and including the most recent available data. Addition of new or updated student data may affect how student instances are identified and tracked across academic years. Variation of this sort is expected on a year-on-year basis as new academic years of data become available.

IPINSTANCEID

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

IPSOURCE = HESASTU or HESASAR

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

IPSOURCE = ILR

210. 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.

211. 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)

212. 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

213. 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).

214. For all fields in paragraphs 217 to 245, 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.

215. 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 199–202. The DfE does not accept responsibility for any inferences or conclusions derived from the NPD data by third parties.

216. The algorithms that follow make reference to the variables QUALTYPE and QUALGRADE.[24] The Learning Aim References recorded in ILR data have been mapped to the relevant QUALTYPE, and grades to the appropriate QUALGRADE.

IPTARIFF

217. 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

[24] These variables are defined at https://www.hesa.ac.uk/collection/c21051/a/qualificationsonentry.

2021-22. The full specification for XTPOINTS in 2021-21 can be found on the HESA website.[25] IPTARIFF is capped at 9998.

218. 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

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

IPTARIFF_LINKED

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

IPQUALENT3

221. 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

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

IPSOURCE = HESASTU or HESASAR

223. IPQUALENT3_HESA is equal to QUALENT3.

IPSOURCE = ILR

224. This field is not calculated.

IPQUALENT3_LINKED

225. 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 213 to 216.

Value	Description	Definition
Value of QUALENT3	The highest qualification on entry is higher education, a foundation	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

[25] See https://www.hesa.ac.uk/collection/c21051/derived/xtpoints.

Value	Description	Definition
	course or an International Baccalaureate	(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 QUALTYPE exists and (QUALENT3 ≠ *BLANK* or (QUALENT2 = *BLANK* and QUALENT3 = *BLANK*)) 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

226. 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

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

IPSOURCE = HESASTU

228. 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

229. This field is not calculated.

IPQUALENT2_LINKED

230. 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 213 to 216.

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 QUALTYPE 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, BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD))) and IPQUALENT3_LINKED = *BLANK*

Value	Description	Definition
39	The highest qualification on entry is at Level 3 and may attract tariff points	At least one QUALTYPE 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

231. This field categorises students, where the student has A-levels, Scottish Highers, Scottish Advanced Highers or an International Baccalaureate on entry (QUALTYPE = A, RE, RN, RW, DA, D1, V, V2, 9U, AN, H, AH, IE, IB, IS, ID, IC, IX), or BTECs on entry (QUALTYPE = 0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 7T, 7U, 7V, 7Z, 8B, 8C, 8I, 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, FJ, FL, FN, FP, FQ, FU, FV, FW, FX, FZ, G1, G3, G4, G5, G9, GJ, GK, PJ, PK, PM, PN, PX, PY, PZ, Q1, Q2, Q3, Q4, Q5, Q9, QA, QB, QC, QD, QE, QF, QH, QJ, QK, QL, QM, QX), into groups according to the highest grades for these qualification types.

232. 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.

233. 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.

234. 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.

235. 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

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*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
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

Group	A-levels (best 3 or 4)	Scottish AH (best 3 or 4)	Scottish H (best 5 or 6)
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 QUALTYPE = IE of which the highest QUALGRADEZZ is at least 24 points, or (Student has only QUALTYPE in (IB, IE, IS, ID, IC, IX) and (total tariff points for these QUALTYPEs > 0 or student has at least 1 x QUALTYPE = IE of which the highest QUALGRADEZZ is 1 to 23 points) or total IB points (i.e. total tariff points from QUALTYPEs in (IB, IS, ID) plus tariff points from best QUALTYPE in (IC, IX)) > 0.5 × IPTARIFF) and not above

The BTEC groups

Triple BTEC

Group	QUALTYPE = B, B1, B7, BE, BF, BR, BW, EE, 5C, Q5, PX, QX
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

Group	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1
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
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
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

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
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

One double and one 90-credit BTEC

Group	QUALTYPE = 4C, B, B0, B2, B6, BE, BV, EF, 6C, Q4, PN	QUALTYPE = 8I, Q2, Q3, PY
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	D*D*, SS	M
BTECDDM	D*D, SD	M
BTECDDM	DD	M
BTECDDM	DM	D*, S
BTECDDM	DM	D
BTECDMM	DM	M
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
BTECD*D*D*	D*, S	D*, S	D*D*, SS
BTECD*D*D*	D*, S	D*, S	D*D, SD

Group	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = BZ, 7C
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
Group	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = B, B3, B5, BD, BE, BU, EY, 8C, Q1	QUALTYPE = 8I, Q2, Q3, PY
BTECD*D*D*	D*, S	D*, S	D*, S
BTECD*D*D	D*, S	D*, S	D
BTECD*D*D	D*, S	D	D*, S
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
BTECDDM	D	M	D
BTECDMM	D	M	M
BTECMMM and below	Not above	Not above	Not above

Two 90-credit BTECs

Group	QUALTYPE = BZ, 7C	QUALTYPE = BZ, 7C
BTECD*D*D*	D*D*, SS	D*D*, SS
BTECD*D*D	D*D*, SS	D*D, SD

Group	QUALTYPE = BZ, 7C	QUALTYPE = BZ, 7C
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
Group	QUALTYPE = 8I, Q2, Q3, PY	QUALTYPE = 8I, Q2, Q3, PY
BTECD*D*D*	D*, S	D*, S
BTECD*D*D	D*, S	D
BTECDDD	D	D
BTECDDM	D*, S	M
BTECDDM	D	M
BTECMMM and below	Not above	Not above
Group	QUALTYPE = BZ, 7C	QUALTYPE = 8I, Q2, Q3, PY
BTECD*D*D*	D*D*, SS	D*, S
BTECD*D*D	D*D, SD	D*, S
BTECD*D*D	D*D*, SS	D
BTECD*D*D	DD	D*, S
BTECD*DD	D*D, SD	D
BTECDDD	DD	D
BTECDDM	D*D*, SS	M
BTECDDM	D*D, SD	M
BTECDDM	DD	M
BTECDDM	MM	D*, S
BTECDDM	MM	D
BTECDDM	DM	D*, S
BTECDDM	DM	D
BTECDMM	DM	M
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 (8I, BZ, 7C, Q2, Q3, PY)	
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 (8I, 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

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

IPGRADECOMB_LINKED

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

IPENTQUALGRP

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

239. 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 QUALTYPE in (0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 7T, 7U, 7V, 7Z, 8B, 8C, 8I, 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, FJ, FL, FN, FP, FQ, FU, FV, FW, FX, FZ, G1, G3, G4, G5, G9, GJ, GK, PJ, PK, PM, PN, PX, PY, PZ, Q1, Q2, Q3, Q4, Q5, Q9, QA, QB, QC, QD, QE, QF, QH, QJ, QK, QL, QM, QX)

Value	Description	Definition
		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 240	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
ACCESS	Access course	IPQUALENT3 in (X00, X01) or (IPQUALENT2 in (44, 45, 48) and IPQUALENT3 = *BLANK*) or student has at least 1 x QUALTYPE 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

Value	Description	Definition
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*)) 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

240. 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

241. 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

242. 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

243. 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

244. This field is set to ILRNPD.

IPENTQUALBROAD

This is a key field

245. 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 DDD), or one A-level and two BTECs	IPENTQUALGRP in (BTECD*D*D*, BTECD*D*D, BTECD*DD, BTECDDD, 1A2B)
8	BTECs (DDM or lower)	IPENTQUALGRP in (BTECDDM, BTECDMM, BTECMMM and below, BTECL, BTECO)
9	Unspecified qualifications held by non-UK domiciled students	IPENTQUALGRP = OTHERS_NONUKDOM
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

246. 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 199–202. 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

247. 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

248. 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

249. 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

250. 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

251. In the event that a student is studying multiple instances at the same provider, in the same calendar year, our student outcome and experience measures will only count each student once per year. In determining which instance of study to retain, we prioritise (in broad terms):

a. Active records over dormant or inactive ones.

b. The record with the highest level of study.

c. Any record without an end date, if such a record exists, otherwise the record with the latest end date.

d. The mode of study is taken into account with the following priority order applied: Apprentice, Full-time, Part-time, Writing up – previously full-time, Writing up – previously part-time.

e. The record with the highest FTE volume.

252. We implement this approach using IPENTRANTEXCL4. 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. We link instances within the 365 day period using person-based linking as described in paragraphs 199–202.

253. 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).

254. 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 253)
- 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.

255. We note that when a student changes **course** within the same level of study during their first year of study, this will not always result in a provider submitting multiple student records for that individual (for example, from BSc Mathematics to BSc Economics, from an HNC to an HND programme, or from a course involving a sandwich year to one that does not). This means that these sorts of course changes are not often evidenced within HESA student data returns, which report only the course that a student was studying at the end of the data reporting period. It follows that they cannot trigger IPENTRANTEXCL4 = 1.

256. When a student changes **provider** during their first year then this will normally result in both of the providers at which the student registers returning student data about that student. If that data indicates that the time spent at one of those providers was less than two weeks, this would result in the student being excluded from all student outcome and experience measures in relation to study at that provider (see IPENTRANTEXCL2). If the data shows that the student spent at least two weeks at each provider, that student would contribute to the entrant populations of both the provider they changed from and the provider they changed to. This is because the previous study we identify for that student in the previous calendar year was not at the same registering provider.

IPENTRANTEXCL

This is a key field

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

258. 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

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

IPACCEXCL

This is a key field

260. 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 completion indicators

Linking between years

261. In the continuation and 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 199–202.

262. A number of the fields used in the generation of the continuation and completion 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).

263. The fields prefixed with IPCON are used in the calculation of both continuation and completion indicators but for different years.

IPCONQUAL

264. This field allocates the level of qualification awarded to the student during the reporting year for use in the assessment of continuation and completion 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

265. This field indicates whether the student was actively studying for the purpose of continuation and completion indicators.

266. 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 261 to 262) for more detail.

IPSOURCE = HESASTU or ILR

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

Value	Description	Definition
		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

IPCONVALIDMODE

267. This field indicates the permitted modes for study at different levels that can be considered as active study for continuation and completion purposes.

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

IPCONCENSUS_YX

268. This field indicates the anniversary of the date 15 days after the student's start date such that it lies within the academic year X years following the base year.

IPCONBASEYRQUAL_HE

269. 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.

270. 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

271. 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.

272. 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

273. 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.

274. 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

275. 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.

276. 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 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

IPCONBASEYRPENDING

277. This field considers all records for the student in the base year and indicates whether the student completed their studies with an unknown result at the same provider in that academic year.

278. Where one record satisfies the criteria for IPCONBASEYRPENDING = 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 student completed their studies.

Value	Description	Definition
1	Student completed their studies with an unknown result at the same provider in that academic year	Not calculated for IPSOURCE = ILR RSNEND = 98
0	Student did not complete their studies with an unknown result at the same provider in that academic year	Otherwise

IPCONINDFULL_YX

This is a key field

279. This field indicates the continuation and completion 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.

280. The criteria described by IPCONINDFULL_YX represent a hierarchy of outcome categories from positive to negative, with a student assigned to the first, most positive outcome category that they satisfy. For the avoidance of doubt, this remains the case in the event that a student generates multiple student records in any of the linked years, as a result of changing course or provider.

281. The clauses below that apply to continuation and completion 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

282. This means that any student that satisfies the definition of a qualifier (see IPCONQUAL) and was recorded as being awarded a qualification on or before the relevant continuation or completion measure census date, will count as a positive outcome on the measure in question. For the avoidance of doubt, this includes the award of exit qualifications (including where these are captured in ILR data through the recording of the student's outcome as 'partial achievement' and 'learning activities complete but the outcome is not yet known').

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 15 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	IPCOMDATE_YX ≤ IPCONCENSUS_YX and

Value	Description	Definition
	15 days after their entry to higher education	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 (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 15 days after their entry to higher education	IPUKPRNRC_YX = IPUKPRNRC and COLTOPROV_YX ≠ *BLANK* and COLTODATE_YX ≤ IPCONCENSUS_YX and not above
QUALIFIED_PGRDORM	The student was a research student and qualified from a dormant state in the data reporting year in which the census falls (X year(s) and 15 days after their entry to higher education)	IPACTENDDATE_YX ≠ *BLANK* and IPUKPRNRC = IPUKPRNRC_YX and IPCONQUAL_YX in (PHD, OPGR) and not above

Value	Description	Definition
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 (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 15 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 15 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
PENDING	The student has completed their studies with an	Not calculated for IPSOURCE=ILR

Value	Description	Definition
	unknown result at the same provider in the base year	RSNEND = 98 or IPCONBASEYRPENDING = 1
PENDING	The student has completed their studies with an unknown result at the same provider in an interim year	Not calculated for IPSOURCE=ILR RSNEND_Yi = 98 and IPUKPRNRC = IPUKPRNRC_Yi
PENDING	The student has completed their studies with an unknown result within X year(s) and 15 days after their entry to higher education	Not calculated for IPSOURCE=ILR IPACTENDDATE_YX ≠ *BLANK* and IPACTENDDATE_YX ≤ IPCONCENSUS_YX and IPUKPRNRC = IPUKPRNRC_YX and RSNEND = 98 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
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 15 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 15 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

Value	Description	Definition
		IPCONACTIVE_YX = 1 and (IPACTENDDATE_YX = *BLANK* or (IPACTENDDATE_YX ≥ IPCONCENSUS_YX and (IPACTENDDATE_YX - IPCOMDATE_YX >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 15 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 15 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 15 days after their entry to higher education	Otherwise

Fields used in the generation of student experience indicators

283. This section is only relevant to the construction of TEF data. The fields described in this section apply only to student data from the 2020-21 academic year and earlier which correspond to final year students surveyed for the National Student Survey (NSS) in the spring of 2022 (i.e. during the 2021-22 academic year) and earlier.

IPNSSSUPP

284. 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

285. 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

286. 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

287. 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

288. 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

289. 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

290. 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

Value	Description	Definition
		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

291. 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.

292. 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

293. 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

294. 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)
IPNSSNHSNEUTRAL	Count of questions in the NHS scale which the student answered neither agree nor disagree	NHSFLAG = 1 and IPNSSINDEXCL = 0 and

Field	Description	Value
		IPNSSNHSQx in (3)

Fields used in the generation of degree outcome indicators

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

XCLASSF01

IPSOURCE = HESASTU or HESASAR

296. 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

297. This field is not calculated.

IPDODEGCLASS

This is a key field

298. This field indicates the degree classification awarded to first degree qualifiers. 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	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and XCLASSF01 = 01
2_1	Upper second class honours degree	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and XCLASSF01 = 02
OTH_HONOURS	Other classifications of honours degree	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and XCLASSF01 in (03, 04, 05, 06, 09)
UNCLASS	Unclassified degree awards	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and not above

Value	Description	Definition
NA	No degree awarded	Otherwise

IPSOURCE = ILR

Value	Description	Definition
FIRST	First class honours degree	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = FI
2_1	Upper second class honours degree	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE = SU
OTH_HONOURS	Other classifications of honours degree	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and OUTGRADE in (SL, SE, TH, FO)
UNCLASS	Unclassified degree awards	IPQUALIFIER = 1 and IPAWARDLEVEL in (DEG, PUGD) and not above
NA	No degree awarded	Otherwise

IPDODUP

299. This field chooses the best outcome (based on the highest IPDODEGCLASS) for each person per provider, broad level of study (determined by IPLEVELBROAD) and broad level of qualification awarded (determined by IPAWARDLEVELBROAD) in the academic year.

300. 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

301. 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) and IPUGQUALIFIER = 1
0	Student is not in scope for the degree outcome indicators	Otherwise

Fields used in the generation of the progression indicators

IPEMPXPGO

302. 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

303. This field is equal to XPGO01.

IPSOURCE = ILR

304. 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

305. 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.

306. 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.

307. 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

308. 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

309. 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

310. 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

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

312. 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.

313. Students with IPEMPEXCL = 2 are excluded as they were not UK-domiciled prior to entry, but not excluded for any other reason. Subsequent fields are derived and populated for this group of students to better allow providers to understand their progression outcomes should they wish to do so.

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

314. 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

315. 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
2	The graduate responded to the the survey but is not included in the progression indicators because they were not UK-domiciled	IPEMPRESPONSE = 1 and IPEMPEXCL = 2
0	The graduate is otherwise not included in the numerator of the response rate calculation	Otherwise

IPEMPWORK

316. 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

317. 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

318. 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

319. 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
0	The graduate did not report that they were travelling, retired, or caring for someone during the census week	Otherwise

IPEMPUNEMPLOYED

320. 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

321. 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

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

Value	Description	Definition
1	The student responded to the survey and is included in the population for the progression indicators	IPEMPRRNUM = 1 and IPEMPIND ≠ UNKNOWN
2	The student responded to the survey but is not included in the population for the progression indicators because they were not UK-domiciled	IPEMPRRNUM = 2 and IPEMPIND ≠ UNKNOWN
0	The student is otherwise not included in the population for the progression indicators	Otherwise

IPEMPIND

323. This field indicates the graduate's activity during the census week that is determined for the purposes of the progression indicator.

Value	Description	Definition
PRO_EMP	Professional employment	IPEMPEXCL in (0, 2) and IPEMPWORKTYPE = Professional and ((IPEMPSTUDY = 0 and IPEMPTRC = 0) or MIMPACT not in (06, 07, 08, 09))
FURTHER_STUDY	Primarily studying	IPEMPEXCL in (0, 2) 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)))))

Value	Description	Definition
		and not above
OTHER_POSITIVE	Other activity considered positively	IPEMPEXCL in (0, 2) and 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 in (0, 2) and IPEMPWORKTYPE = Non-professional and IPEMPSTUDY = 0 and IPEMPTRC = 0 and not above
EMP_SOC_MISSING	Employment with missing SOC code	IPEMPEXCL in (0, 2) and IPEMPWORKTYPE in (SOC, Missing) and IPEMPSTUDY = 0 and IPEMPTRC = 0 and not above
UNEMPLOYED	Unemployed or due to start work	IPEMPEXCL in (0, 2) and IPEMPUNEMPLOYED = 1 and MIMPACT = 10 and not above
OTHER_NEGATIVE	Other activity considered negatively	IPEMPEXCL in (0, 2) and IPEMPOTHACT = 1 and MIMPACT = 11 and not above
UNKNOWN	Unknown activity	IPEMPEXCL in (0, 2) and IPEMPRESPONSE = 1 and not above

IPEMPSOCWEIGHT

324. 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. The weighting is calculated separately for those in the progression indicator population (with IPEMPEXCL=0) and students who were not UK-domiciled but would otherwise have been in the indicator population (with IPEMPEXCL=2); this field is only populated for these groups.

IPEMPINDNUM

This is a key field

325. The field indicates whether the graduate has an activity that is counted positively in the progression indicator and is used to calculate the numerator of the indicator. This field is calculated for graduates included in the progression indicator population (those with IPEMPINDPOP = 1) and for non-UK domiciled students who would otherwise have been included in the progression indicator population (those with IPEMPINDPOP=2).

Value	Description	Definition
1	The graduate has an activity that is counted positively in the progression indicator	IPEMPINDPOP in (1, 2) and IPEMPIND in (PRO_EMP, FURTHER_STUDY, OTHER_POSITIVE)
Value of IPEMPSOCWEIGHT	The graduate has an activity that is counted partially positively in the progression indicator	IPEMPINDPOP in (1, 2) and IPEMPSOCWEIGHT ≠ *BLANK* and IPEMPIND = EMP_SOC_MISSING
0	The graduate does not have an activity that is counted positively in the progression indicator	Otherwise

IPGOINTSTUDY

326. 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

Value	Description	Definition
		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 (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

IPGOSIGINTSTUDY

327. This field indicates whether the graduate engaged in significant interim study since completing their course. This field is calculated for graduates included in the progression indicator population (those with IPEMPINDPOP = 1) and for non-UK domiciled students who would otherwise have been included in the progression indicator population (those with IPEMPINDPOP=2).

328. For years 2018-19 onwards this is the HESA derived field XINTSTUDY. The specification for XINTSTUDY can be found on the HESA website.[26]

[26] See https://www.hesa.ac.uk/collection/c21072/derived/xintstudy.

329. For 2017-18 this field is calculated using the same method as XINTSTUDY using the following algorithm.

Value	Description	Definition
01	The graduate engaged in significant interim study	IPEMPINDPOP in (1, 2) and (PREVTYPEQUAL1 in (01, 02, 03, 04, 05, 06) or PREVTYPEQUAL2 in (01, 02, 03, 04, 05, 06) or PREVTYPEQUAL3 in (01, 02, 03, 04, 05, 06)) and (PREVINTENSITY1 = 01 or PREVINTENSITY2 = 01 or PREVINTENSITY3 = 01)
02	The graduate did not engage in significant interim study	IPEMPINDPOP in (1, 2) and not above
BLANK	This field is not calculated	Otherwise

IPGOMEAN

330. 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 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

Value	Description	Definition
		WRKMEAN = 05
U	Unknown	ACTMEAN = *BLANK* and STUMEAN = *BLANK* and WRKMEAN = *BLANK*

IPGOONTRACK

331. 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

332. 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 WRKSKILLS = *BLANK*

IPGOLOCATION

333. This field contains the location of the graduate based on the information they reported in their GO response. The graduate's location is mapped to either a 9-digit code travel to work area (TTWA) code or, for postgraduate research graduates only, a broad region of the UK as defined by the International Territorial Levels, level 1 (ITL 1). The graduation's location is determined using 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 to determine their location. Further information on the methodology can be found in Annex C of the OfS report 'a geography of

employment and earnings' available at https://www.officeforstudents.org.uk/publications/a-geography-of-employment-and-earnings.

334. Where the location of the graduate cannot be determined, this field is set to UNKNOWN.

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

IPGOQUINTILE

This is a key field

336. This field contains the quintile of the graduate's location (TTWA or broad region) as determined by IPGOLOCATION. 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' available at https://www.officeforstudents.org.uk/publications/a-geography-of-employment-and-earnings.

IPGOEMPINDRATE

337. This field contains the positive outcome rate of the graduate's location (TTWA or broad region) as determined by IPGOLOCATION. This rate is used to create the quintiles in IPGOQUINTILE. Further information on the methodology can be found in the OfS report 'a geography of employment and earnings' available at https://www.officeforstudents.org.uk/publications/a-geography-of-employment-and-earnings.

Fields used to link to sector averages

338. This section describes fields that can be used to link student records with the sector averages that are used in benchmarking calculations. It can be used in conjunction with the sector averages document to find the contribution to benchmark for individual students.[27]

IPCONBENCHGROUPID

339. This field contains a unique identifier for the benchmarking group that the student belongs to for the continuation measure. It is only populated for undergraduates in the denominator population for the continuation indicator.

IPCOMPBENCHGROUPID

340. This field contains a unique identifier for the benchmarking group that the student belongs to for the completion measure. It is only populated for undergraduates in the denominator population for the completion indicator.

IPPROGBENCHGROUPID

341. This field contains a unique identifier for the benchmarking group that the student belongs to for the progression measure. It is only populated for undergraduates in the denominator population for the progression indicator.

IPNSSBENCHGROUPID

342. This field contains a unique identifier for the benchmarking group that the student belongs to for the student experience measures. It is only populated for undergraduates in the denominator population for at least one of the student experience indicators.

[27] See https://www.officeforstudents.org.uk/data-and-analysis/student-outcome-and-experience-measures/documentation/.

Annex A: Fields included in individualised files

343. 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.

344. 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
IPOFSFUNDAIM	Yes	Yes
IPLEVEL	Yes	Yes
IPLEVELBROAD	Yes	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

Field	Included in core individualised file	Included in supplementary individualised file
IPFOUNDYEAR	Yes	Yes
IPSANDWICH	Yes	Yes
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	Yes	Yes
IPSBJ_CAH1_NAME	Yes	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	Yes	Yes
IPPARED	No	Yes
IPCARELEAVER	No	Yes
IPSEXORT	Yes	Yes
IPPOSTCODE	No	Yes
IPHOMETTWA	No	Yes
IPDOM	Yes	Yes

Field	Included in core individualised file	Included in supplementary individualised file
IPUKFLAG	No	Yes
IPADULTHEQ	No	Yes
IPPOLAR4	Yes	Yes
IPTUNDRALOOKUP	Yes	Yes
IPIMDNATION	Yes	Yes
IPIMDHISTORIC	Yes	Yes
IPIDACI	Yes	Yes
IPACCABCS	Yes	Yes
IPCONABCS	Yes	Yes
IPCOMPABCS	Yes	Yes
IPPROGABCS	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

Field	Included in core individualised file	Included in supplementary individualised file
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
IPENTQUALGRP_LINKED	No	No
IPL3SOURCE	No	No
IPENTQUALBROAD	Yes	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	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
IPNSSSUPP	No	No
IPNSSTARGETPOP	No	No
IPNSSRESRATEEXCL	No	No

Field	Included in core individualised file	Included in supplementary individualised file
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
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

Field	Included in core individualised file	Included in supplementary individualised file
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
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

Field	Included in core individualised file	Included in supplementary individualised file
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
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	Yes	Yes
IPGOSIGINTSTUDY	Yes	Yes
IPGOMEAN	No	Yes
IPGOONTRACK	No	Yes

Field	Included in core individualised file	Included in supplementary individualised file
IPGOSKILLS	No	Yes
IPGOLOCATION	No	Yes
IPGOQUINTILE	Yes	Yes
IPGOEMPINDRATE	No	No

List of abbreviations

Term	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