

Office for
Students



Technical algorithms for institutional performance measures

2020 core algorithms

Enquiries to providermetrics@officeforstudents.org.uk

Publication date 7 May 2020

Contents

Introduction	6
Purpose	6
Improving alignment within OfS institutional performance measures	7
Guidance for using this document	8
Enquiries and feedback	9
Fields used to describe the nature of the study undertaken	10
IPSOURCE	10
IPBASEYEAR	10
IPIKPRNRC	10
IPCOUNTRY	11
IPDENT	11
IPLEVELNUM	11
IPOFSQAIM	12
IPLEVEL	18
IPAWARDLEVELNUM	19
IPAWARD_DETAIL	20
IPAWARDLEVEL	21
IPCRSELGTH	22
IPMODE	23
IPAPPRENTICE	24
IPEXCHIND	25
IPEXCHANGE	25
IPCOMDATE	26
IPYEAR_ST	26
IPANNIV	26
IPPLANENDDATE	27
IPACTENDDATE	27
IPENTRANT	27
IPQUALIFIER	28
IPJACS	28
IPFPE	29
IPSBJ_CAH2	29
IPRECID	30
Calculation of FTE for ILR records	31
IPPRIORLEARNADJ	31
IPSTULOADCASE	32
IPSTULOAD	32
Fields used to describe student characteristics	34
IPBIRTHDATE	34
IPAGEBAND	34
IPAGE18	35
IPSEX	35
IPDISABLE	35
IPDISABLETYPE	36
IPETHNICDETAIL	38
IPETHNIC	39
IPPOSTCODE	40
IPDOM	40
IPIKFLAG	42
IPPOLAR4	42
IPIMD	42

IPIMDEXPERIMENTAL	43
IPLOCATION	43
IPLOCPOSTCODE	44
IPLOCSDY	44
IPDL	44
IPSTUDYTTWA	45
IPHOMETTWA	45
IPLOCAL	46
Fields used for entry qualification information	47
Linking to other data sources for entry qualification information	47
IPTARIFF (not shown in the individualised files)	47
IPTARIFF_HESA	48
IPTARIFF_LINKED (not shown in the individualised files)	48
IPQUALENT3 (not shown in the individualised files)	48
IPQUALENT3_HESA	48
IPQUALENT3_LINKED (not shown in the individualised files)	49
IPQUALENT2 (not shown in the individualised files)	50
IPQUALENT2_HESA	50
IPQUALENT2_LINKED (not shown in the individualised files)	50
IPGRADECOMB (not shown in the individualised files)	52
IPGRADECOMB_HESA	57
IPGRADECOMB_LINKED (not shown in the individualised files)	58
IPENTQUALGRP (not shown in the individualised files)	58
IPENTQUALGRP_HESA	60
IPENTQUALGRP_LINKED (not shown in the individualised files)	60
IPTARGRP (not shown in the individualised files)	61
IPTARGRP_HESA (not shown in the individualised files)	62
IPTARGRP_LINKED (not shown in the individualised files)	62
IPL3SOURCE (not shown in the individualised files)	62
Fields used for determining students' eligibility for free school meals at Key Stage 4	64
Linking to the National Pupil Database for determining students' eligibility for free school meals at Key Stage 4	64
IPFSMPOP	64
IPFSMSTATE	64
Fields used to derive populations of students	65
IPHEENTITYFLAG	65
IPDUP	65
IPXPSR	66
IPCONTEXTPOP	67
DFAPAPPEXCL	67
IPBASEQUALPOP	68
IPUGBASEQUALPOP	68
Fields used in the generation of the access indicators	69
IPACCEXCL1	69
IPACCEXCL2	69
IPACCEXCL4	69
IPACCEXCL8	70
IPACCEXCL16	71
IPACCEXCL	71
Fields used in the generation of the continuation indicators	72
Linking between years	72
IPCONEXCL1	72

IPCONEXCL2	73
IPCONEXCL8	73
IPCONEXCL16	74
IPCONEXCL32	74
IPCONEXCL128	75
IPCONEXCL256	75
IPCONEXCL	75
IPCONQUAL	76
IPCONACTIVE_YX (not shown in the individualised files)	77
IPCONCENSUS_YX (not shown in the individualised files)	78
Note on activity levels	78
IPCONLEVEL_H	78
IPCONLEVEL_E	79
IPCONLEVEL_L	79
IPCONVALIDMODE_YX (not shown in the individualised files)	79
IPCONINDFULL_Y1 (not shown in the individualised files)	80
IPCONINDFULL_Y2 (not shown in the individualised files)	82
IPCONINDFULL (not shown in the individualised files)	86
IPCONIND	86
Fields used in the generation of degree outcome indicators	88
IPDOQUALPOP	88
XCLASSF01	88
IPDODEGCLASS	89
Fields used in the generation of the employment and destinations indicators	91
IPEMPMODE	91
IPEMPXPDLHE	91
IPEMPSOCDLHE	91
IPEMPEXCL1	92
IPEMPEXCL2	92
IPEMPEXCL4	92
IPEMPEXCL8	93
IPEMPEXCL	93
IPEMPRESPONSE	93
IPEMPRRDENOM	94
IPEMPRRNUM	94
IPEMPACT	94
IPEMPINDPOP	95
IPEMPIND	95
IPHSEMPPGSTUDY	97
IPHSEMPHLSTUDY	97
Supplementary and experimental fields	99
IPUKPRNTC (not shown in the individualised files)	99
IPAWARDBOD (not shown in the individualised files)	100
IPSBJ_CAH3 (not shown in the individualised files)	101
IPINTERCALATE (not shown in the individualised files)	101
IPINTSBJ_CAH2 (not shown in the individualised files)	102
IPINTFPE (not shown in the individualised files)	102
IPCONEXCL256_YX (not shown in the individualised files)	102
IPCONEXCL256SBJ_YX (not shown in the individualised files)	102
IPCONEXCL_YX (not shown in the individualised files)	103
IPCONEXCLSBJ_YX (not shown in the individualised files)	103
IPCONINDFULL_Y3 (not shown in the individualised files)	103
IPCONINDFULLSBJ_Y1 (not shown in the individualised files)	108
IPCONINDFULLSBJ_Y2 (not shown in the individualised files)	110

IPCONINDFULLSBJ_Y3 (not shown in the individualised files)

114

List of abbreviations

120

Introduction

Purpose

1. This is one of a series of technical documents that provide detail of the definitions and methodology used by the Office for Students (OfS) in constructing institutional performance measures¹. Wherever possible we have used consistent definitions and approaches, to minimise the burden on higher education providers of understanding these. This document provides a technical description of the categorisations applied to individualised student data records and currently used by the OfS to generate the indicators underpinning the OfS's functions related to:
 - a. The assessment of registration condition B3² for the purposes of initial registration and ongoing monitoring.
 - b. The regulation of access and participation.
2. This document relates to the institutional performance measures produced in March 2020 in support of these two functions. It is also relevant to the indicators constructed by the OfS as our Key Performance Measures, and used more widely in reporting sector-level analysis of patterns and trends in student outcomes³. It supplements, and should be read alongside, the following documents:
 - 'Technical algorithms for institutional performance measures: Changes 2019 to 2020'⁴
 - 'Technical algorithms for institutional performance measures: Regulatory indicators, methodology and rebuild descriptions'⁵
 - (for registration condition B3 purposes) 'Condition B3: baselines for student outcomes indicators'⁶
 - (for access and participation purposes) 'Access and participation data resources: Dashboard user guide' and 'Access and participation data resources: Supporting data user guide'.⁷

¹ See www.officeforstudents.org.uk/data-and-analysis/institutional-performance-measures/technical-documentation/

² See www.officeforstudents.org.uk/advice-and-guidance/regulation/conditions-of-registration/

³ See www.officeforstudents.org.uk/about/measures-of-our-success/

⁴ See www.officeforstudents.org.uk/data-and-analysis/institutional-performance-measures/technical-documentation/

⁵ See www.officeforstudents.org.uk/data-and-analysis/institutional-performance-measures/technical-documentation/

⁶ See www.officeforstudents.org.uk/publications/registration-key-themes-and-analysis/

⁷ See www.officeforstudents.org.uk/data-and-analysis/access-and-participation-data-dashboard/

3. The algorithms described in this document are intended to support higher education providers to gain a detailed understanding of the OfS's use of individualised student data returns in the construction of institutional performance measures. In combination with the individualised data files released to each provider, these algorithms allow providers to determine exactly which students have contributed to these measures (and which have not), as well as the nature of that contribution. They detail the categorisations that we apply to each student in order to report on various characteristics of students, higher education provision and student outcomes.

Improving alignment within OfS institutional performance measures

4. Readers may be aware that a number of OfS functions make use of similar institutional performance measures that are constructed from individualised student data returns. These functions currently include our regulation of access and participation, and of quality and standards through the initial registration and ongoing monitoring of registration condition B3. We anticipate the continued use of some or all of these measures within the evidence base supporting a revised Teaching Excellence and Student Outcomes Framework (TEF).
5. To support the coherence of the evidence base that underpins the OfS's regulatory functions, and an improved user understanding of that evidence base, we have been reviewing the definitions and algorithms that are applied in the production of institutional performance measures. This work has sought to identify and eliminate any unnecessary definitional differences across these measures. To date, the review has highlighted a number of areas where alignment of the definitions and algorithms could be improved. It has also highlighted opportunities to establish principles that may improve the consistency of our approach to some aspects of our data outputs, and a number of refinements to algorithms that are desirable based on changes in the wider data landscape.
6. The OfS is responding to these review findings by taking forward a series of refinements to the definitions used in institutional performance measures. A first phase of this work is reflected in this document, meaning that this document describes algorithms that represent an evolution of those previously published by the OfS (in the 2019 publication of 'Technical algorithms for institutional performance measures: Core algorithms')⁸. We anticipate that further development will follow – in particular, to accommodate the outcomes of forthcoming consultation on future approaches to the TEF and to ongoing monitoring of registration condition B3 later in 2020.
7. The first phase of refinements reflected in this document includes some that are primarily cosmetic (and intended to simplify user understanding and navigation) as well as a small number that respond to changes in supporting data infrastructure (and have been included in the scope of previous consultation activity). Modelling and regression testing of these algorithm refinements have determined that their impact is marginal throughout, both singularly and collectively. To the extent that the impact of these refinements is non-negligible in some individual circumstances, the OfS considers that this impact is outweighed by the

⁸ See www.officeforstudents.org.uk/data-and-analysis/institutional-performance-measures/technical-documentation/

added value they afford and will consider their regulatory consequences on a case-by-case basis.

8. The primary change reflected in this document relates to naming conventions for derived variables. Our previously published algorithms used a naming convention in which all derived variable names were prefixed with 'B3MON'. Readers should note that all derived variable names in this document and the supporting individualised files now use 'IP' as the prefix. This change signals our intention that the derived variables contained herein are aligned to a single definition that serves multiple uses across different OfS institutional performance measures. For a large number of the derived variables in this document, the change of prefix in the variable name represents the full extent of the change between these algorithms and those previously published.
9. However, a number of changes reflected in this document are more substantial than naming conventions. These changes are described more comprehensively in 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' and fall into four broad categories:
 - a. Variables that have been renamed, more substantially than a change of prefix from 'B3MON' to 'IP'. The definition of these variables remains unchanged, and the change of name results from efforts to simplify algorithms for user understanding and navigation of supporting individualised files.
 - b. Addition or removal of variables, which results from efforts to streamline and simplify algorithms for institutional performance measures wherever possible.
 - c. Variable definitions that have been refined compared with the equivalent version previously published, and where the definitions included in this document reflect minor improvements or clarifications to the categorisations we are applying.
 - d. Variable definitions that have changed more substantially by comparison with the equivalent version previously published, to reflect changes in OfS policy or underlying data infrastructure.
10. To support users in identifying and understanding the nature and impact of the changes described in paragraph 9, each algorithm's description in this document notes the type of change (or lack thereof) from the previously published algorithms.

Guidance for using this document

11. The algorithms described in this document are applied to the 2010-11 to 2018-19 individualised student records collected annually by the Higher Education Statistics Agency (HESA) or the Education and Skills Funding Agency (ESFA). This document is aimed at readers with in-depth knowledge of the HESA, HESA alternative provider or Individualised Learner Record (ILR) student data.
12. When using this document, readers are advised to have copies of the following to hand, for whichever source is relevant to your provider:
 - 'HESA Student Record Coding Manual 2018-19' and prior years

- 'HESA AP Student Record Coding Manual 2018-19' and prior years
 - 'Specification of the Individualised Learner Record for 2018 to 2019' and prior years.
13. Individualised student data files are supplied to higher education providers by the OfS to support their understanding of our approach to calculating institutional performance measures. These files contain data relating to a provider's own students and shows how they have been categorised according to the algorithms defined in this document.
 14. 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.
 15. Deriving measures of student continuation and completion involves tracking individual students within and across consecutive years of student data to make a robust assessment of their outcomes. A number of the fields used in the generation of the continuation indicators described by this document are therefore calculated for multiple years of the student data. In these cases, variables are included in the individualised file with the suffix of _YX. This denotes that the field is the same as the main variable, but the data used is from either one year following the current instance (_Y1), two years following the current instance (_Y2) or three years following the current instance (_Y3). These additional fields are not listed in the algorithms below, but the fields are calculated on the same basis as the originals listed here.
 16. Note that the year denoted fields are not shown in an individualised file in cases where a student is registered at another provider in the year denoted by YX (IPUKPRNRC ≠ IPUKPRNRC_YX) or if the teaching provider has not registered the student itself in the current year.

Enquiries and feedback

17. Enquiries regarding the algorithms described within this document, and any other questions about the OfS's approach to the construction and use of institutional performance measures, should be raised with providermetrics@officeforstudents.org.uk, 0117 931 7230.

Fields used to describe the nature of the study undertaken

IPSOURCE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

18. This field indicates whether the record is taken from the HESA student record, HESA alternative provider student 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
HESAAP	Record is taken from the HESA alternative provider student record
ILR	Record is taken from the ILR

IPBASEYEAR

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

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

IPIKPRNRC

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

21. This field shows the UKPRN of the provider where the student is registered in this academic year. The IPIKPRNRC value will take into account whether a provider was involved in a merger before 10 January 2020.
22. The associated fields, IPIKPRNRC_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPCOUNTRY

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

30. 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	IUKPRNRC indicates a provider based in England
W	Registering provider based in Wales	IUKPRNRC indicates a provider based in Wales
S	Registering provider based in Scotland	IUKPRNRC indicates a provider based in Scotland
N	Registering provider based in Northern Ireland	IUKPRNRC indicates a provider based in Northern Ireland
UNKNOWN	Otherwise	Otherwise

IPDENT

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

31. This field indicates whether a student has at least one instance of a 'Pre-clinical dentistry' or 'Clinical dentistry' programme of study.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	The student has at least one instance of a 'Pre-clinical dentistry' or 'Clinical dentistry' programme of study	XJACS01 = A200, A400
0	The student does not have an instance of a 'Pre-clinical dentistry' or 'Clinical dentistry' programme of study	Otherwise

IPSOURCE = ILR

32. This field is not calculated.

IPLEVELNUM

New field: This is a new field that has not been previously published.

33. This field gives the numeric level of study according to the higher education qualifications framework. This also aligns with NVQ levels.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
8	Doctoral degree	COURSEAIM in (D00, D01, D90, E00, E40, E43, E90, L00)
7	Masters' degree, postgraduate diplomas, postgraduate certificates	COURSEAIM in (L80, L90, L91, L99, M00, M01, M02, M10, M11, 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 with honours, Graduate certificates and diplomas	COURSEAIM in (H00, H11, H12, H16, H18, H22, H23, H24, H41, H42, H43, H50, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H90, H91, H99)
5	Foundation degrees, Diplomas of higher education and other higher diplomas	COURSEAIM in (I00, I11, I12, I16, I60, I61, I70, I71, I72, I73, I74, I76, I78, I79, I80, I81, I90, I91, I99, J10, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J90, J99)
4	Certificates of Higher Education	COURSEAIM in (C20, C30, C41, C42, C43, C77, C78, C80, C90, C99)
BLANK	Otherwise	Otherwise

IPSOURCE = ILR

34. This field is not calculated for the ILR.

IPOFSQAIM

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

35. This field allocates course aims (for HESA records) and learning aims (for ILR records) to broad categories of higher education. For ILR records, it replaces the HEFQAIM algorithm previously used across a multitude of HEFCE and OfS outputs.

IPSOURCE = HESASTU or HESAAP

Value	Description	Definition
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)
DTLLS_PG	Postgraduate diploma in teaching in the lifelong learning sector	COURSEAIM = M79

Value	Description	Definition
ENHANCED	Enhanced first degree (or integrated masters)	COURSEAIM in (H22, M22, M26, M28)
FIRST	First degree	COURSEAIM in (H00, H11, H12, H18, H23, H24, I00, I11, I12) or (COURSEAIM in (I16, H16) and not MEDVETDENT)
FOUDEG	Foundation degree	COURSEAIM in (J10, J16)
HIGHCERT	Higher certificate	COURSEAIM = C20
HNC	Higher national certificate	COURSEAIM = C30
HND	Higher national diploma	COURSEAIM = J30
MASTER	Masters'	COURSEAIM 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	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 REGBODY2 = 02)))
OTHL[X]_Q	Other Level X qualification, where X is the level indicated by IPLEVELNUM	COURSEAIM in (C41, C42, C43, C80, I70, I74, I76, I80, J41, J42, J43, J45, J76, J80, H41, H42, H43, H70, H76, H80, M40, M42, M43, M45, M70, M72, M73, M76, M78, M80, M86, M88, E00, 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)
OTHL7_Q_R	Other Level 7 research-based qualification	COURSEAIM in (L80, L99)
PGCE	PGCE and other postgraduate initial teacher training (ITT)	COURSEAIM in (H71, M71)
PGCERT	Postgraduate certificate	COURSEAIM = M44
PGDIP	Postgraduate diploma	COURSEAIM = M41
PGUNSPEC	Unspecified postgraduate courses	COURSEAIM = M99
PHD	PhD and MPhil	COURSEAIM in (D00, D01, L00)

Value	Description	Definition
PROCONGRAD	Professional, conversion and other graduate entry programmes	COURSEAIM in (H50, H60, H61, H62, H72,H78, H81, H88, I71, I72, I73, I81, I60, I61)
PTLLS	Preparing to teach in the lifelong learning sector	COURSEAIM = C77
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

IPSOURCE = ILR

Value	Description	Definition
CERTED	CertEd	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (1465, 1466, 9111)
CET	Certificate in Education and Training	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 1457
CTLLS	Certificate in teaching in the lifelong learning sector	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 1451
DET	Diploma in Education and Training	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and (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))
DIPHE	DipHE	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and

Value	Description	Definition
		LEARNAIMREFTYPE = 9112
DTLLS	Diploma in teaching in the lifelong learning sector	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 1449
ENHANCED	Enhanced first degree (or integrated masters')	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 6003
FDBC	Foundation degree bridging course	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and (LEARNAIMREFTYPE in (6001, 9113) and LEARNAIMREF ≠ 00301548)
FIRST	First degree	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and (LEARNAIMREFTYPE in (0394, 1406, 1407, 1408, 1409, 1462, 6002, 9000, 9002, 9107, E007) and LEARNAIMREF ≠ 00241018)
FOUDEG	Foundation degree	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 9110
HIGHCERT	Higher certificate	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 0084
HIGHER	Higher degree	Provider specific override
HNC	Higher National Certificate	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and

Value	Description	Definition
		LEARNAIMREFTYPE = 0031
HND	Higher National Diploma	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (0032, 1454)
MASTER	Masters'	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (0393, 1410, 1463, 1464, 2001, 9101, 9109, 9114, E008)
OTHHE_CC [IPBASEYEAR ≥ 2013]	Other higher education class code	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and UNITTYPE = CLASS CODE
OTHHE_Q [IPBASEYEAR ≥ 2013]	Other higher education qualification	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and UNITTYPE = QUALIFICATION
OTHHE_U [IPBASEYEAR ≥ 2013]	Other higher education unit	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and UNITTYPE = UNIT
OTHHE_CC [IPBASEYEAR < 2013]	Other higher education class code	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and GENERIC_AIM_CODE = Y
OTHHE_Q [IPBASEYEAR < 2013]	Other higher education qualification	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and not (OTHHE_CC or OTHHE_U)
OTHHE_U [IPBASEYEAR < 2013]	Other higher education unit	(NOTIONALNVQLEVELV2 = H or NVQ_LV = 4, 5, H) and LEARNAIMREF begins with a letter and LEARNAIMREF not in (Q1050896, Q1050973, Q1051040, Q1052740, Q1052741, Q1054389, Q1054488) and not OTHHE_CC

Value	Description	Definition
OTHL[X]_CC [IPBASEYEAR ≥ 2013]	Other Level X class code, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and UNITTYPE = CLASS CODE
OTHL[X]_Q [IPBASEYEAR ≥ 2013]	Other Level X qualification, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and UNITTYPE = QUALIFICATION
OTHL[X]_U [IPBASEYEAR ≥ 2013]	Other Level X unit, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and UNITTYPE = UNIT
OTHL[X]_CC [IPBASEYEAR < 2013]	Other Level X class code, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and GENERIC_AIM_CODE = Y
OTHL[X]_Q [IPBASEYEAR < 2013]	Other Level X qualification, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and not (OTHL[X]_CC or OTHL[X]_U)
OTHL[X]_U [IPBASEYEAR < 2013]	Other Level X unit, where X is the level as indicated by NOTIONALNVQLEVELV2	NOTIONALNVQLEVELV2 = X and LEARNAIMREF begins with a letter and LEARNAIMREF not in (Q1050896, Q1050973, Q1051040, Q1052740, Q1052741, Q1054389, Q1054488) and not OTHL[X]_CC
PGCE	PGCE and other postgraduate ITT	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (6004, 9103, 9115)
PGCERT	Postgraduate certificate	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 0065
PGDIP	Postgraduate diploma	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (0125, 0126)
PHD	PhD and MPhil	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or

Value	Description	Definition
		NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE in (1411, 1412)
PTLLS	Preparing to teach in the lifelong learning sector	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 1450
UNICERT	University certificate	(NOTIONALNVQLEVELV2 in (4, 5, 6, 7, 8, H) or NVQ_LV in (4, 5, H)) and LEARNAIMREFTYPE = 9001
FE	Further education course	Otherwise

IPELEVEL

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

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

Value	Description	Definition
PHD	PhD and MPhil	IPOFSQAIM in (PHD, HIGHER)
OPGR	Other postgraduate research	IPOFSQAIM = OTHL7_Q_R
PGTM	Postgraduate taught masters'	IPOFSQAIM = MASTER
PGCE	PGCE	IPOFSQAIM = PGCE
OPGT	Other postgraduate taught	IPOFSQAIM in (DTLLS_PG, OTHL7_Q, OTHL8_Q, PGCERT, PGDIP)
PUGD	Degrees including a postgraduate component	IPOFSQAIM in (ENHANCED, MEDVETDENT)
PUGO	Other qualifications with a postgraduate component	IPOFSQAIM = PROCONGRAD
PGCREDIT	Credit at a postgraduate level	IPOFSQAIM in (OTHL7_CC, OTHL8_CC, OTHL7_U, OTHL8_U)
PGUNSPEC	Taught postgraduate-level study with an unspecified qualification aim	IPOFSQAIM = PGUNSPEC
DEG	First degree	IPOFSQAIM = FIRST

Value	Description	Definition
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

IPAWARDLEVELNUM

New field: This is a new field that has not been previously published.

37. This field gives the numeric level of study according to the higher education qualifications framework. This also aligns with NVQ levels.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
8	Doctoral degree	XQOBTN01 in (D00, D01, D90, E00, E40, E43, E90, L00)
7	Masters' degree, postgraduate diplomas, postgraduate certificates	XQOBTN01 in (L80, L90, L91, M00, M01, M02, M10, M11, 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 with honours, graduate certificates and diplomas	XQOBTN01 in (H00, H11, H12, H16, H18, H22, H23, H24, H41, H42, H43, H50, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H90, H91)
5	Foundation degrees, diplomas of higher education and other higher diplomas	XQOBTN01 in (I00, I11, I12, I16, I60, I61, I70, I71, I72, I73, I74, I76, I78, I79, I80, I81, I90, I91, J10, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J90)
4	Certificates of higher education	XQOBTN01 in (C20, C30, C41, C42, C43, C77, C78, C80, C90)
BLANK	Otherwise	Otherwise

IPSOURCE = ILR

38. This field is not calculated for the ILR.

IPAWARD_DETAIL

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

39. This field allocates the qualification awarded to the student during the reporting year to a level of qualification awarded, for use in the degree outcome, employment and destinations indicators.

IPSOURCE = HESASTU and HESAAP

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

Value	Description	Definition
		REGBODY2 = 02)))
OTHL[X]_Q	Other Level X qualification, where X is the level as indicated by IPLEVELNUM	XQOBTN01 in (C41, C42, C43, C80, I70,I74, I76, I80, J41, J42, J43, J45, J76, J80, H41, H42, H43, H70, H76, H80, M40, M42, M43, M45, M70, M72, M73, M76, M78, M80, M86, M88, E00, E40, E43)
OTHL[X]_U	Other Level X unit, where X is the level as indicated by IPLEVELNUM	XQOBTN01 in (C90, I90, I91, J90, H90,H91, L90, L91, M90, M91, D90, E90)
OTHL7_Q_R	Other Level 7 research-based qualification	XQOBTN01 = L80
PGCE	PGCE and other postgraduate 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

40. Calculated on the same basis as IPOFSQAIM (see paragraph 35).

IPAWARDLEVEL

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

41. This field allocates the qualification awarded to the student during the reporting year to a broad grouping, for use in the degree outcome, employment and destinations indicators. It replaces B3MONEMPLEVEL in previously published documentation.

Value	Description	Definition
PHD	PhD and MPhil	IPAWARD_DETAIL in (PHD, HIGHER)
OPGR	Other postgraduate research	IPAWARD_DETAIL = OTHL7_Q_R

Value	Description	Definition
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
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

IPCRSELGTH

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

42. This field is not calculated.

IPSOURCE = ILR

43. This field contains the number of years that the qualification aim is expected to last. If a student's planned end date falls within the first 14 days of a second year of study, the number of years is taken as 1. Otherwise, it is rounded up to the nearest whole number. IPCRSELGTH is the difference in years between IPCOMDATE and IPPLANENDDATE. For example, a course with IPCOMDATE = 1 October 2014 and IPPLANENDDATE = 5 January 2016 will have IPCRSELGTH = 2.

IPMODE

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

44. This field allocates students to mode of study, for use in relation to the contextual and entrant populations, and access and continuation indicators. This is in contrast to IPEMPMODE in paragraphs 213 to 214, which allocates students to mode of study for use in relation to the qualifiers population, and degree outcome, employment and destinations indicators.
45. The associated fields, IPMODE_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU

Value	Description	Definition
FT	Full-time	XMODE01 in (1, 2)
PT	Part-time	XMODE01 = 3
WUP	Writing up	XMODE01 = 4
OTH	Other	Otherwise

IPSOURCE = HESAAP

Value	Description	Definition
FT	Full-time	XMODE02 in (1, 2) and XINACT01 = 0
PT	Part-time	XMODE02 = 3 and XINACT01 = 0
WUP	Writing up	XMODE02 = 4 and XINACT01 = 0
OTH	Other	Otherwise

IPSOURCE = ILR

Value	Description	Definition
FT	Full-time	MODESTUD in (1, 2) or (MODESTUD in (99, BLANK) and (IPCRSELGTH = 1 or (IPCRSELGTH ≤ 2 and IPOFSQAIM in (HIGHER, FIRST, FOUDEG, DIPHE, HND)) or (IPCRSELGTH ≤ 3 and IPOFSQAIM in (HIGHER, FIRST)) or (IPCRSELGTH ≤ 4 and IPOFSQAIM = ENHANCED)))

Value	Description	Definition
PT	Part-time	Otherwise

IPAPPRENTICE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

46. This field indicates whether the instance or learning aim is part of an apprenticeship at any level.

IPSOURCE = HESASTU

47. This field is calculated for years 2012-13 onwards. For earlier years IPAPPRENTICE = 0.

Value	Description	Definition
1	The instance is part of an apprenticeship at any level	PROGTYPE in (02, 03, 10, 20, 21, 22, 23, 25) or INITIATIVES1 = K or INITIATIVES2 = K
0	The instance is not part of an apprenticeship at any level	Otherwise

IPSOURCE = HESAAP

48. This field is calculated for years 2016-17 onwards. For earlier years IPAPPRENTICE = 0.

Value	Description	Definition
1	The instance is part of an apprenticeship at any level	INITIATIVES1 = K or INITIATIVES2 = K
0	The instance is not part of an apprenticeship at any level	Otherwise

IPSOURCE = ILR

49. This field is calculated for years 2011-12 onwards. For earlier years IPAPPRENTICE = 0.

Value	Description	Definition
1	The learning aim is part of an apprenticeship at any level	PROGTYPE in (02, 03, 10, 20, 21, 22, 23, 25)
0	The learning aim is not part of an apprenticeship at any level	Otherwise

IPEXCHIND

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and ILR

50. This field is not calculated for HESA or ILR.

IPSOURCE = HESAAP

51. This field shows the student's involvement in specific exchange programmes. It shows the EXCHIND associated with the most recent instance period in the year.

IPEXCHANGE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

52. This field indicates students who are incoming visiting or exchange students from outside the UK.

IPSOURCE = HESASTU

Value	Description	Definition
1	The student is an incoming visiting or exchange student from outside the UK	EXCHANGE in (2, 4, 8, 9, A, G, Z)
0	Otherwise	Otherwise

IPSOURCE = HESAAP

Value	Description	Definition
1	The student is an incoming visiting or exchange student from outside the UK	IPEXCHIND = 1
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
0	The student was not an incoming Erasmus student	LEARNDEL FAM_SOF1 not in (017, 020) and LEARNDEL FAM_SOF2 not in (017, 020)
1	Otherwise	Otherwise

Note: For records taken from the 2010-11 ILR and earlier, QA_FEHE1 (A11A) and QA_FEHE2 (A11B) are used instead of LEARNDEL FAM_SOF1 and LEARNDEL FAM_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 LEARNDELIFAM_SOF1/2.

IPCOMDATE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

53. The associated fields, IPCOMDATE_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU and HESAAP

54. This field shows the start date of the instance. IPCOMDATE is equal to COMDATE.

IPSOURCE = ILR

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

IPYEAR_ST

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

56. The academic year the student entered on to the course taken from IPCOMDATE. If the month of IPCOMDATE is between January and July, then IPYEAR_ST is the year prior to the calendar year of entry.

IPANNIV

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

57. This field is not calculated.

IPSOURCE = ILR

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

IPPLANENDDATE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

59. This field is not calculated.

IPSOURCE = ILR

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

IPACTENDDATE

61. The associated fields, IPACTENDDATE_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

62. This field shows the end date of the instance. IPACTENDDATE is equal to ENDDATE.

IPSOURCE = ILR

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

IPENTRANT

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

64. This field indicates whether the student is an entrant.

Value	Description	Definition
1	Student is an entrant	IPCOMDATE ≥ 1 August 20YY and IPCOMDATE < 1 August 20YY+1
0	Otherwise	Otherwise

IPQUALIFIER

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

65. This field indicates whether the student qualified with a higher education-level qualification.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	Student qualified with a higher education-level qualification	XPQUAL01 = 1 and IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, FDBC, NONE, FE)
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	Student qualified with a higher education-level qualification	(OUTCOME in (1, 6, 7) or (OUTCOME in (4, 5, 8) and IPACTENDDATE ≤ IPPLANENDDATE + 14 and IPPLANENDDATE ≠ BLANK)) and IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, FDBC, NONE, FE)
0	Otherwise	Otherwise

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

IPJACS

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

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

67. The associated fields, IPJACS_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU and HESAAP

68. IPJACS is equal to XJACS01.

IPSOURCE = ILR

69. 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. The OfS has published the mapping between LDCS and JACS codes at www.officeforstudents.org.uk/data-and-analysis/institutional-performance-measures/technical-documentation/

IPFPE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

70. This field shows the nominal full person equivalence (FPE) associated with the IPJACS code. The concept of FPE student numbers is defined in full at <https://www.hesa.ac.uk/support/definitions/students>.

71. The associated fields, IPFPE_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU and HESAAP

72. IPFPE is equal to XFPE01.

IPSOURCE = ILR

73. The FPE associated with this 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 and earlier, HQ_PERS1 (H33), HQ_PERS2 (H34) and HQ_PERS3 (H35) are used instead of PCFLDCS, PCSLDCS and PCTLDCS.

IPSBJ_CAH2

New field: This is a new field that has not been previously published.

74. 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 code maps to. Where we cannot map to a subject, we set IPSBJ_CAH2 = CAH23-01. The mapping of JACS to the Common Aggregation Hierarchy codes can be found at <https://www.hesa.ac.uk/innovation/hecos>.

75. The associated fields, IPSBJ_CAH2_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPRECID

New field: This is a new field that has not been previously published.

82. 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.

Calculation of FTE for ILR records

83. The full-time equivalence (FTE) is calculated for each student instance of study. 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 to 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 at <https://www.officeforstudents.org.uk/data-and-analysis/student-number-data/>.
84. 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'.
85. All fields related to the calculation of FTE for absent values of STULOAD are only calculated where IPSOURCE is equal to ILR.

IPPRIORLEARNADJ

New field: This is a new field that has not been previously published.

IPSOURCE = HESASTU and HESAAP

86. This field is not calculated.

IPSOURCE = ILR

87. 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

New field: This is a new field that has not been previously published.

IPSOURCE = HESASTU and HESAAP

88. This field is not calculated.

IPSOURCE = ILR

89. Defines the fields we will use in calculating the FTE for a given higher education record.

Value	Description	Definition
0	Existing, non-blank STULOAD value will be used in calculating FTE for this higher education record.	IPOFSQAIM ≠ FE and STULOAD ≠ MISSING
1	IPQUALHOURS will be used in calculating FTE for this record	IPOFSQAIM ≠ FE and STULOAD = MISSING and IPQUALHOURS ≠ MISSING
2	A value of 25 STULOAD will be assigned to this record	IPOFSQAIM ≠ FE and STULOAD = MISSING and IPQUALHOURS = MISSING
3	Existing, non-blank STULOAD value will be used in calculating FTE for this further education record.	IPOFSQAIM = FE and STULOAD ≠ MISSING
4	A value of 10 STULOAD will be assigned to the record	IPOFSQAIM = FE and STULOAD = MISSING

IPSTULOAD

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

90. This field shows the FTE associated with the student instance of study.

IPSOURCE = HESASTU

91. This field shows the student instance FTE. IPSTULOAD is equal to STULOAD.

IPSOURCE = HESAAP

92. This field shows the sum of the student instance FTE for the reporting period. IPSTULOAD is equal to XSTULOAD01.

IPSOURCE = ILR

93. This field shows the student instance FTE.

Value	Description	Definition
STULOAD	Existing, non-blank STULOAD value exists in the source dataset.	IPSTULOADCASE in (0, 3)
(IPHOURLSPERAYR / 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

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

94. This field shows the date of birth of the student. IPBIRTHDATE is equal to BIRTHDTE.

IPSOURCE = ILR

95. This field shows the date of birth of the student. IPBIRTHDATE is equal to DATEOFBIRTH. For records taken from the 2010-11 ILR and earlier, ST_DOB (L11) is used instead of DATEOFBIRTH.

IPAGEBAND

Renamed field: This field has been renamed since the previously published documentation. It used to be known as B3MONAGEBAND31AUG.

96. 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 IPBIRTHDATE > 31 August IPYEAR_ST - 10
U21	Under 21 on entry	IPBIRTHDATE > 31 August IPYEAR_ST - 21
21_25	Between 21 and 25 on entry	IPBIRTHDATE ≤ 31 August IPYEAR_ST - 21 and IPBIRTHDATE > 31 August IPYEAR_ST - 26
26_30	Between 26 and 30 on entry	IPBIRTHDATE ≤ 31 August IPYEAR_ST - 26 and IPBIRTHDATE > 31 August IPYEAR_ST - 31
31_40	Between 31 and 40 on entry	IPBIRTHDATE ≤ 31 August IPYEAR_ST - 31 and IPBIRTHDATE > 31 August IPYEAR_ST - 41
41_50	Between 41 and 50 on entry	IPBIRTHDATE ≤ 31 August IPYEAR_ST - 41 and IPBIRTHDATE > 31 August IPYEAR_ST - 51
51+	51 or over on entry	Otherwise

IPAGE18

New field: This is a new field that has not been previously published.

97. This field indicates whether a student is aged 18 at 31 August in the year they commence their studies.

Value	Description	Definition
1	The student is aged 18 in the year they commence their studies	IPBIRTHDATE ≤ 31 August IPYEAR_ST - 18 and IPBIRTHDATE > 31 August IPYEAR_ST - 19
0	Otherwise	Otherwise

IPSEX

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

98. This field indicates the sex of the student.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	Male	SEXID = 1
2	Female	SEXID = 2
9	Other	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	Otherwise

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

IPDISABLE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

99. This field indicates whether the student has a disability.

IPSOURCE = HESASTU

Value	Description	Definition
Y	The student is disabled	DISABLE not in (00, 97, 98, 99, BLANK)
N	The student is not disabled	Otherwise

IPSOURCE = HESAAP

Value	Description	Definition
Y	The student is disabled	DISABLE not in (00, BLANK)
N	The student is not disabled	Otherwise

IPSOURCE = ILR

Value	Description	Definition
Y	The student is disabled	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	The student is not disabled	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 and earlier, 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.

IPDISABLETYPE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

100. This field indicates the type of disability the student has.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
SOC	The student has a social or communication impairment	DISABLE in (10, 53)
COG	The student has cognitive or learning difficulties	DISABLE in (11, 51)
MH	The student has a mental health condition	DISABLE in (06, 55)
PHY	The student has sensory, medical or physical impairments	DISABLE in (02, 03, 04, 07, 54, 56, 57, 58)
MULTI	The student has other or multiple impairments	DISABLE in (05, 08, 96)
NONE	The student is not disabled	DISABLE in (00, 97, 98, 99, BLANK)

IPSOURCE = ILR

Value	Description	Definition
NONE	The student is not disabled or has an unknown disability (records taken from 2015-16 ILR and later)	LLDDCAT in (98, 99, BLANK)
NONE	The student is not disabled or has an unknown disability (records taken from 2014-15 ILR and earlier)	LLDD_DS = 98, 99, BLANK and LLDD_LD = 98, 99, BLANK
MULTI	The student has other or multiple impairments (records taken from 2015-16 ILR and later)	LLDDCAT in (2, 97)
MULTI	The student has other or multiple impairments (records taken from 2014-15 ILR and earlier)	LLDD_DS = 90, 97 or (LLDD_DS not in (98, 99, BLANK) and LLDD_LD not in (98, 99, BLANK))
SOC	The student has a social or communication impairment (records taken from 2015-16 ILR and later)	LLDDCAT in (1, 8, 14, 15, 17)
SOC	The student has a social or communication impairment (records taken from 2014-15 ILR and earlier)	(LLDD_DS in (6, 10) and LLDD_LD in (98, 99, BLANK) or (LLDD_LD = 20 and LLDD_DS in (98, 99, BLANK))
COG	The student has cognitive or learning difficulties (records taken from 2015-16 ILR and later)	LLDDCAT in (3, 10, 11, 12, 13, 94, 96)
COG	The student has cognitive or learning difficulties (records taken from 2014-15 ILR and earlier)	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 (records taken from 2015-16 ILR and later)	LLDDCAT = 9

Value	Description	Definition
MH	The student has a mental health condition (records taken from 2014-15 ILR and earlier)	LLDD_DS = 7 and LLDD_LD in (98, 99, BLANK)
PHY	The student has sensory, medical or physical impairments (records taken from 2015-16 ILR and later)	LLDDCAT in (4, 5, 6, 7, 16, 93, 95)
PHY	The student has sensory, medical or physical impairments (records taken from 2014-15 ILR and earlier)	LLDD_DS in (1, 2, 3, 4, 5, 8, 9) and LLDD_LD 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 and earlier, ST_DISEF (L15) is used instead of LLDD_DS and ST_LDIF (L16) is used instead of LLDD_LD.

IPETHNICDETAIL

New field: This is a new field that has not been previously published.

101. This field indicates the student's ethnicity in more detail.

IPSOURCE = HESASTU and HESAAP

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 - any other background	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 - any other background	ETHNIC = 29
M_01	Mixed or multiple - white and Asian	ETHNIC = 43
M_02	Mixed or multiple - white and black African	ETHNIC = 42
M_03	Mixed or multiple - white and black Caribbean	ETHNIC = 41
M_04	Mixed or multiple - any other background	ETHNIC = 49
O_01	Other ethnic background	ETHNIC in (50, 80)

Value	Description	Definition
O_02	Gypsy or Traveller	ETHNIC in (14, 15)
W_01	White - English, Welsh, Scottish, Northern Irish or British	(IPUKFLAG = 1 and ETHNIC = 10) or ETHNIC in (12,13)
W_02	White - Irish	ETHNIC = 11
W_03	White - any other background	ETHNIC in (10, 19) and not above
U	Refused or unknown	Otherwise

IPSOURCE = ILR

Value	Description	Definition
A_01	Asian or Asian British - Bangladeshi	ETHNICITY in (11, 41)
A_02	Asian or Asian British - Chinese	ETHNICITY in (18, 42)
A_03	Asian or Asian British - Indian	ETHNICITY in (12, 39)
A_04	Asian or Asian British - Pakistani	ETHNICITY in (13, 40)
A_05	Asian or Asian British - any other background	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 - any other background	ETHNICITY in (17, 46)
M_01	Mixed or multiple - white and Asian	ETHNICITY in (19, 37)
M_02	Mixed or multiple - white and black African	ETHNICITY in (20, 36)
M_03	Mixed or multiple - white and black Caribbean	ETHNICITY in (21, 35)
M_04	Mixed or multiple - any other background	ETHNICITY in (22, 38)
O_01	Other ethnic background	ETHNICITY in (47, 98)
O_02	Gypsy or Traveller	ETHNICITY = 33
W_01	White - English, Welsh, Scottish, Northern Irish or British	ETHNICITY in (23, 31)
W_02	White - Irish	ETHNICITY in (24, 32)
W_03	White - any other background	ETHNICITY in (25, 34)
U	Refused or unknown	Otherwise

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

IPETHNIC

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

Value	Description	Definition
A	Asian or Asian British	IPETHNICDETAIL in (A_01, A_02, A_03, A_04, A_05)
B	Black, African, Caribbean or black British	IPETHNICDETAIL in (B_01, B_02, B_03)
M	Mixed or multiple ethnic background	IPETHNICDETAIL in (M_01, M_02, M_03, M_04)
O	Other ethnic background	IPETHNICDETAIL in (O_01, O_02)
W	White	IPETHNICDETAIL in (W_01, W_02, W_03)
U	Unknown	IPETHNICDETAIL = U

IPPOSTCODE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

102. 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

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

IPDOM

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

104. This field indicates whether the student is domiciled in the UK, other EU countries or elsewhere.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
E	England	XDOMHM01 = 1
S	Scotland	XDOMHM01 = 2
W	Wales	XDOMHM01 = 3
N	Northern Ireland	XDOMHM01 = 4
OEU	Other EU	XDOMHM01 = 6
OTHER	Not EU	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)))
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)))
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)))
N	Northern Ireland	DOMICILE = XG or (DOMICILE in (XJ, XK, GB) and (IPPOSTCODE is in Northern Ireland or ((IPPOSTCODE = BLANK or IPPOSTCODE begins ZZ) and IPCOUNTRY = N)))
OEU	Other EU	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)
OTHER	Not EU	Otherwise

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

IPUKFLAG

New field: This is a new field that has not been previously published.

105. This field indicates whether the student is domiciled in the UK, for use in defining indicator populations.

Value	Description	Definition
1	Student is domiciled in the UK	IPDOM = E, S, W, N
0	Otherwise	Otherwise

IPPOLAR4

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

107. This field shows, for UK-domiciled students only (IPUKFLAG = 1), the young higher education participation rate quintile (using the Participation of Local Areas (POLAR4) measure) 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 to this instance. Values are 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>.

IPIMD

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

108. This field shows:

- a. For students domiciled in England (IPDOM = E) at registering providers in England (IPCOUNTRY = E), the English Index of Multiple Deprivation 2015 quintile.
- b. For students domiciled in Wales (IPDOM = W) at registering providers in Wales (IPCOUNTRY = W), the Welsh Index of Multiple Deprivation 2014 quintile.
- c. For students domiciled in Scotland (IPDOM = S) at registering providers in Scotland (IPCOUNTRY = S), the Scottish Index of Multiple Deprivation 2016 quintile.

- d. For students domiciled in Northern Ireland (IPDOM = N) at registering providers in Northern Ireland (IPCOUNTRY = N), the Northern Ireland Multiple Deprivation Measure 2017 quintile.

Values are 1 to 5, with 1 being the quintile of highest deprivation. Unknown or invalid postcodes for students domiciled in the relevant country are instead set as IPIMD = UNKNOWN, students not domiciled in the relevant country are set as IPIMD = NA.

IPIMDEXPERIMENTAL

New field: This is a new field that has not been previously published.

109. This field also shows the Index of Multiple Deprivation (IMD) quintile; however, it uses the most recently published IMD for England and Wales. This field shows:

- a. For students domiciled in England (IPDOM = E) at registering providers in England (IPCOUNTRY = E), the English Index of Multiple Deprivation 2019 quintile.
- b. For students domiciled in Wales (IPDOM = W) at registering providers in Wales (IPCOUNTRY = W), the Welsh Index of Multiple Deprivation 2019 quintile.
- c. For students domiciled in Scotland (IPDOM = S) at registering providers in Scotland (IPCOUNTRY = S), the Scottish Index of Multiple Deprivation 2016 quintile.
- d. For students domiciled in Northern Ireland (IPDOM = N) at registering providers in Northern Ireland (IPCOUNTRY = N), the Northern Ireland Multiple Deprivation Measure 2017 quintile.

Values are 1 to 5, with 1 being the quintile of highest deprivation. Unknown or invalid postcodes for students domiciled in the relevant country are instead set as IPIMDEXPERIMENTAL = UNKNOWN, students not domiciled in the relevant country are set as IPIMDEXPERIMENTAL = NA.

IPLOCATION

New field: This is a new field that has not been previously published.

IPSOURCE = HESASTU and ILR

110. This field is not calculated for HESA or ILR.

IPSOURCE = HESAAP

111. This field shows the student's location identifier. For the 2014-15 HESA alternative provider (HESA AP) data, it shows the value of LOCATION. For the 2015-16 and 2016-17 HESA AP data, it shows the location identifier (LOCATION) associated with the most recent instance period in the year.

IPLOCPOSTCODE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

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

IPSOURCE = HESASTU

113. For the HESA student record, it shows either the postcode of the campus (CAMPID) with which a student instance is associated (where IPUKPRNTC = IPUKPRNRC) or the legal postcode of the provider (as shown on the UK Register of Learning Providers) where the student spends the majority of their year (where IPUKPRNTC ≠ IPUKPRNRC).

IPSOURCE = HESAAP

114. For the HESA AP student record, it shows the postcode of the location (IPLOCATION) in which the course was taught. If this information is unavailable, the legal postcode associated with the UKPRN of the registering provider (IPUKPRNRC) is used.

IPSOURCE = ILR

115. For the 2015-16 ILR return and later, it shows the value of HEPOSTCODE where it exists, or DELLOCPOSTCODE otherwise. For the 2010-11 ILR return and earlier, it shows QA_PCWRK (A23). For all other years, it shows DELLOCPOSTCODE.

IPLOCSDY

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU

116. This field shows the location of study. IPLOCSDY is equal to LOCSDY

IPSOURCE = HESAAP

117. This field shows the location of study. It shows the LOCSDY associated with the most recent instance period in the year.

IPSOURCE = ILR

118. This field is not calculated.

IPDL

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

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

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	The student is a distance learning student	IPLOCSDY in (6, 9)
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	The student is a distance learning student	IPLOCPOSTCODE begins ZZ
0	Otherwise	Otherwise

IPSTUDYTTWA

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

120. 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 <https://www.ons.gov.uk/methodology/geography/ukgeographies/censusgeography>.

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

IPHOMETTWA

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

121. 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	Home postcode is known	IPIKFLAG = 1 and

Value	Description	Definition
		IPPOSTCODE can be mapped to a travel to work area
UNKNOWN	Otherwise	Otherwise

IPLOCAL

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

122. This field indicates local and distance learning students.

Value	Description	Definition
Y	The student is local or distance learning	IPUKFLAG = 1 and IPHOMETTWA = IPSTUDYTTWA and IPHOMETTWA ≠ UNKNOWN and IPSTUDYTTWA ≠ UNKNOWN
N	The student is not local or distance learning	IPUKFLAG = 1 and IPHOMETTWA ≠ IPSTUDYTTWA and IPHOMETTWA ≠ UNKNOWN and IPSTUDYTTWA ≠ UNKNOWN
U	Otherwise	Otherwise

Fields used for entry qualification information

Linking to other data sources for entry qualification information

125. To generate accurate information on student entry qualification, we have linked HESA, HESA AP 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 and HESA AP data contains entry qualification information, which we use to derive the `XXX_HESA` fields listed below (`_HESA` algorithms). However, for students in HESA and HESA AP data we also calculate `_LINKED` fields for two reasons, using the same method as for ILR data. Firstly, in cases of incomplete HESA or HESA AP we can still derive entry qualifications by linking it to other sources. Secondly, linking HESA and HESA AP 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).
126. For all fields in paragraphs 129 to 158, `XXXX_HESA` shows the unlinked version, applicable only to HESA and HESA AP records. `XXXX_LINKED` shows the linked version, applicable to all records from all sources (HESA, HESA AP and ILR). `XXXX` (no suffix) is chosen from between these two fields according to the value of `IPL3SOURCE` for HESA and HESA AP data. For ILR data `XXXX` is always equal to `XXXX_LINKED`.
127. We link to ILR and NPD data, from 2002-03 to the academic year prior to the HESA, HESA AP or ILR return in question inclusive, to find prior qualifications and grades achieved for students recorded in the HESA, HESA AP or ILR (for example, for students in the 2017-18 HESA, HESA AP or ILR return, we link to ILR and NPD data from 2002-03 to 2016-17 inclusive). We link to ILR and NPD data by combinations of first names, surname, date of birth, gender and (where available) home postcode and prior educational establishment. Spelling errors and other typographical errors (e.g. in dates) will be taken into account. The Department for Education does not accept responsibility for any inferences or conclusions derived from NPD data by third parties.
128. The algorithms that follow make reference to the variables `QUALTYPE` and `QUALGRADE`. These variables are defined at <https://www.hesa.ac.uk/collection/c18051/qualsonentry/>. The Learning Aim References recorded in ILR data have been mapped to the relevant `QUALTYPE`, and grades to the appropriate `QUALGRADE`.

IPTARIFF (not shown in the individualised files)

New field: This is a new field that has not been previously published.

129. 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 2018-19. The full specification for `XTPOINTS` in 2018-19 can be found on HESA's website at <https://www.hesa.ac.uk/collection/c18051/derived/xtpoints/>. `IPTARIFF` is capped at 9998.

130. For HESA and HESA AP data, this field will match either IPTARIFF_HESA or IPTARIFF_LINKED depending on IPL3SOURCE. For ILR data it will match IPTARIFF_LINKED.

IPTARIFF_HESA

New field: This is a new field that has not been previously published.

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

IPTARIFF_LINKED (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

IPQUALENT3 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

IPQUALENT3_HESA

New field: This is a new field that has not been previously published.

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

IPSOURCE = HESASTU and HESAAP

135. IPQUALENT3_HESA is equal to QUALENT3.

IPSOURCE = ILR

136. This field is not calculated.

IPQUALENT3_LINKED (not shown in the individualised files)

New field: This is a new field that has not been previously published.

137. 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 125 to 128.

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

Notes:

- 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 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

IPQUALENT2_HESA

New field: This is a new field that has not been previously published.

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

IPSOURCE = HESASTU

140. 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 = HESAAP and ILR

141. This field is not calculated.

IPQUALENT2_LINKED (not shown in the individualised files)

New field: This is a new field that has not been previously published.

142. 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 125 to 128.

IPSOURCE = HESASTU and HESAAP

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

Value	Description	Definition
		IPQUALENT3_HESA = BLANK
39	The highest qualification on entry is at Level 3 and may attract tariff points	At least one QUALTYPEZZ exists and IPQUALENT3_HESA = BLANK and not above
Value of QUALENT2	The highest qualification on entry is at Level 3 and its tariff points cannot be determined, or it is below Level 3	IPQUALENT3_HESA = BLANK and QUALENT2 ≠ BLANK and not above
BLANK	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
Value of QUALENT2	The highest qualification on entry is higher education, a foundation course, an ONC or OND (including BTEC and SQA equivalents) or an International Baccalaureate	(QUALENT2 in (01, 02, 03, 04, 05, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 43, 72) or (QUALENT2 in (41, 47) and IPGRADECOMB_LINKED not in (A*A*A*A*, A*A*A*A, A*A*AA, A*AAA, AAAA, A*A*A*, A*A*A, A*AA, AAA, AAB, AAC, ABB, ABC, ACC, BBB, BBC, BCC, CCC, CCD, CDD, DDD, Below DDD))) and IPQUALENT3_LINKED = BLANK
39	The highest qualification on entry is at Level 3 and may attract tariff points	At least one QUALTYPEZZ exists and IPQUALENT3_LINKED = BLANK and not above
Value of QUALENT2	The highest qualification on entry is at Level 3 and its tariff points cannot be determined, or it is below Level 3	IPQUALENT3_LINKED = BLANK and QUALENT2 ≠ BLANK and not above
BLANK	Otherwise	Otherwise

Notes:

- For records taken from the 2010-11 ILR and earlier, 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 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

143. This field categorises students, where the student has A-levels, Scottish Highers, Scottish Advanced Highers or an International Baccalaureate on entry (QUALTYPEZZ = A, RE, RN, RW, DA, D1, V, V2, 9U, AN, H, AH, IE, IB, IS, ID, IC, IX), or BTECs on entry (QUALTYPEZZ = 0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PM, PN, PX, PY, PZ, Q1, Q2, Q3, Q4, Q5, QJ, QK, QL, QM), into groups according to the highest grades for these qualification types.
144. 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.
145. 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.
146. 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.
147. For HESA and HESA AP data, this field will match either IPGRADECOMB_HESA or IPGRADECOMB_LINKED depending on IPL3SOURCE. For ILR data it will match IPGRADECOMB_LINKED.

The A-level groups

Group	A-levels (best 3 or 4)	Scottish AH (best 3 or 4)	Scottish H (best 5 or 6)
A*A*A*A*	A*A*A*A*	None	None
A*A*A*A	A*A*A*A	None	None
A*A*AA	A*A*AA	None	None
A*AAA	A*AAA	None	None
AAAA	AAAA	AAAA	AAAAAA
A*A*A*	A*A*A*	None	None
A*A*A	A*A*A	None	None
A*AA	A*AA	None	None
AAA	AAA	AAA	AAAAA
AAB	A*A*B, A*AB, A*A*D, AAB	AAB	AAAAB, AAAAC, AAAAP, AAABB

Group	A-levels (best 3 or 4)	Scottish AH (best 3 or 4)	Scottish H (best 5 or 6)
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, ABBD, ABCC, ABCCP, ABCPP, ABPPP, AACDD, AAPDD, ABBDD, ABCCD, ABCPD, ABPPD
BBB	BBB	BBB	ABBBB, ABBBC, ABBBP, BBBBB, ABBD, ABCC, ABBCP, ABPP
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, ACPD, APPPD, BBCCD, BCCPD, BBPPD, BCCCC, BCCCP, BCCPP, BCPPP, BPPPP
CCC	A*DE, ACE, ADD, BBE, BCD, CCC	ADD, BCD, CCC	ABDDD, ACCDD, ACPDD, APPDD, BBCDD, BBPDD, BCCCD, CCCPD, CCPPD, CPPP, CCCCC, CCCC, CCCPP, CCPPP, CPPPP, PPPPP
CCD	A*EE, ADE, BCE, BDD, CCD	BDD, CCD	ACDDD, APDDD, BBDDD, BCCDD, BCPDD, BPPDD, CCCC, CCCPD, CCPPD, CPPP, PPPPD, ADDDD, BCDDD, BPDDD, CCCDD, CCPDD, CPPDD, PPPDD
CDD	AEE, BDE, CCE, CDD	CDD	BDDDD, CCDDD, CPDDD, PPDDD
DDD	BEE, CDE, DDD	DDD	CDDDD, PDDDD, DDDDD
Below DDD	Total A-levels ≥ 3 and not above	Total Scottish AH ≥ 3 and not above	Total Scottish H ≥ 5 and not above

The BACC group

Group	Definition
BACC	<p>QUALENT3 = P62, P63 or</p> <p>(QUALENT2 = 47 and QUALENT3 = BLANK) or</p> <p>Student has at least 1 x QUALTYPEZZ = IE of which the highest QUALGRADEZZ is at least 24 points, or</p> <p>Student has only QUALTYPEZZ = IB, IE, IS, ID, IC, IX and</p>

Group	Definition
	(total tariff points for these QUALTYPEs > 0 or student has at least 1 x QUALTYPEZZ = IE of which the highest QUALGRADEZZ is 1 to 23 points), or total IB points (i.e. total tariff points from QUALTYPEZZ = IB, IS, ID plus tariff points from best QUALTYPEZZ = IC, IX) > 0.5 x IPTARIFF and not above)

The BTEC groups

Triple BTEC

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

Double and single BTEC

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

Three single BTECs

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

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

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

Two single and one 90-credit BTEC

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

Two 90-credit BTECs

Group	QUALTYPE = BZ, 7C, Q2, Q3, PY	QUALTYPE = BZ, 7C, Q2, Q3, PY
BTECD*D*D*	D*D*, SS	D*D*, SS
BTECD*D*D	D*D*, SS	D*D, SD
BTECD*D*D	D*D, SD	D*D, SD
BTECD*D*D	D*D*, SS	DD
BTECD*DD	D*D, SD	DD
BTECDDD	D*D*, SS	DM
BTECDDD	D*D, SD	DM
BTECDDD	DD	DD
BTECDDM	DD	DM
BTECDDM	D*D*, SS	MM
BTECDDM	D*D, SD	MM
BTECDDM	DD	MM

Group	QUALTYPE = BZ, 7C, Q2, Q3, PY	QUALTYPE = BZ, 7C, Q2, Q3, PY
BTECDDM	DM	DM
BTECDMM	DM	MM
BTECMMM and below	Not above	Not above

The mixed A-levels and BTECs groups

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

New field: This is a new field that has not been previously published.

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

IPGRADECOMB_LINKED (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

IPENTQUALGRP (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

151. For HESA/HESA AP 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, BTECM MM and below, 2A1B, 1A2B

Value	Description	Definition
		and not above)
BTECL	BTEC – lower graded	Student has at least 1 x QUALTYPEZZ in (0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PZ, Q1, Q2, Q3, Q4, Q5) 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 152	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 QUALTYPEZZ in (LD, Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8, Y9, YA, YB, YC, YD, YF) for which QUALGRADEZZ is at least a pass grade and not above
LEV3	Other Level 3 qualifications (without tariff)	(IPQUALENT3* = P (excluding P62, P63) or (IPQUALENT2 in (39, 40) and IPQUALENT3 = BLANK))

Value	Description	Definition
		and not above
NONE	No formal qualifications	(IPQUALENT3 in (X02, X03, X05) or (IPQUALENT2 in (92, 93, 98) and IPQUALENT3 = BLANK)) and not above
OTHERS	Other qualifications (unknown level, or below level 3)	(IPQUALENT3* in (Q, R, 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

152. 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
>90	IPTARIFF > 90
>80	IPTARIFF > 80
>65	IPTARIFF > 65
>40	IPTARIFF > 40
>0	IPTARIFF > 0

IPENTQUALGRP_HESA

New field: This is a new field that has not been previously published.

153. 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 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

154. 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.

IPTARGRP (not shown in the individualised files)

New field: This is a new field that has not been previously published.

155. This field indicates the broad tariff grouping of the student.

156. For HESA and HESA AP data, this field will match either IPTARGRP_HESA or IPTARGRP_LINKED depending on IPL3SOURCE. For ILR data it will match IPTARGRP_LINKED.

Value	Description	Definition
HE	Higher education-level entry qualifications	IPUKFLAG = 1 and (IPENTQUALGRP = HEPG, HEFD, HEOUG or IPQUALENT3 = J49 or (IPQUALENT2 = 29 and IPQUALENT3 = BLANK))
H	High tariff	IPUKFLAG = 1 and IPTARIFF > 156 and not above
M	Medium tariff	IPUKFLAG = 1 and 112 ≤ IPTARIFF ≤ 156 and not above
L	Low tariff	IPUKFLAG = 1 and 0 < IPTARIFF < 112 and not above
NONE	Non-tariff bearing	IPUKFLAG = 1 and not above
NONUK	Not a UK domiciled student	Otherwise

IPTARGRP_HESA (not shown in the individualised files)

New field: This is a new field that has not been previously published.

157. This field is as above in IPTARGRP, but uses entry qualification data as returned in the HESA student record. In addition, any instances of IPQUALENT2, IPQUALENT3, IPTARIFF or IPENTQUALGRP in the main algorithm should be replaced by IPQUALENT2_HESA, IPQUALENT3_HESA, IPTARIFF_HESA or IPENTQUALGRP_HESA respectively.

IPTARGRP_LINKED (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

IPL3SOURCE (not shown in the individualised files)

New field: This is a new field that has not been previously published.

IPSOURCE = HESASTU and HESAAP

159. This field shows whether HESA and HESA AP 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 and HESA AP data has been used, IPL3SOURCE = ILRNPD if the linked data has been used.

- a. Where IPGRADECOMB_HESA is not equal to OTHL3, NOL3 or IPGRADECOMB_LINKED is not equal to OTHL3, 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 or HESA AP record.
- e. For further education colleges, we leave the XXXX_HESA fields blank, and set XXXX = XXXX_LINKED.

IPSOURCE = ILR

160. This field is not calculated.

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

161. 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, HESA AP and ILR data with schools' NPD data. 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. For reasons of data protection we are not able to disclose information relating to FSM eligibility at an individual level to providers.

IPFSMPOP

New field: This is a new field that has not been previously published.

162. 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

New field: This is a new field that has not been previously published.

163. 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 to derive populations of students

IPHEENTITYFLAG

New field: This is a new field that has not been previously published.

164. This field flags learning aims within the ILR that meet the specification for the learner higher education entity. This is an indicator of data quality, and identifies records for which we expect to have sufficient data coverage to allow inclusion in metrics.

165. This field is under review and is subject to change. It is expected to that the field will be changed to extend coverage.

IPSOURCE = HESASTU and HESAAP

166. This field is set to 1.

IPSOURCE = ILR

Value	Description	Definition
1	Record is included in the learner higher education entity	ENG_LEVE = H and (ENG_PRES = 1 or NVQ_LV in (4, 5, H) and (FUNDMODEL in (25, 99) or (FUNDMODEL = 35 and PROGTYPE not in (2, 3, 10, 20, 21, 22, 23, 25))))
0	Otherwise	Otherwise

IPDUP

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

167. This field indicates students in the HESA, HESA AP 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)
- of the same mode (full-time, sandwich year out or part-time)
- 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).

Value	Definition
1	Student appears to exist in another provider's HESA, HESA AP or ILR record
0	No duplicates found using the criteria listed in paragraph 167.

IPXPSR

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

168. This field indicates whether the student is included in the standard higher education registration population.

IPSOURCE = HESASTU or HESAAP

169. This is the HESA derived field XPSR01.

IPSOURCE = ILR

170. This field is equivalent to the HESA derived field XPSR01. See <https://www.hesa.ac.uk/collection/c16051/derived-fields/> for further information.

Value	Description	Definition
1	Student is counted in the standard higher education registration population	IPOFSQAIM ≠ FE and IPMODE ≠ BLANK and MSTUFEE ≠ 71 and (IPACTENDDATE ≥ 1 August 20YY or IPACTENDDATE = BLANK) and (IPCOMDATE ≤ 31 July 20YY+1 or IPCOMDATE = BLANK) and ((IPACTENDDATE = BLANK and TYPEYR ≠ 5) or (IPACTENDDATE ≠ BLANK and (IPACTENDDATE > IPANNIV + 14 or IPCOMDATE = BLANK) or

Value	Description	Definition
		IPPLANENDDATE – IPCOMDATE ≤ 14)))
0	Otherwise	Otherwise

IPCONTEXTPOP

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

171. This field indicates whether the student is included in the context statistics population.

Value	Description	Definition
1	Student is counted in the context statistics population	IPXPSR = 1 and IPLEVEL not in (FE, NA, PGCREDIT, PGUNSPEC, UGCREDIT, UGUNSPEC) and IPMODE in (FT, PT) and IPDUP = 0
0	Otherwise	Otherwise

DFAPAPPEXCL

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

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

Value	Description	Definition
0	The student would be in scope of access and participation plans	IPIUKFLAG = 1 and (IPLEVEL in (DEG, OUG, PUGD, PUGO) or IPAWARDLEVEL in (DEG, OUG, PUGD, PUGO))

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

IPBASEQUALPOP

New field: This is a new field that has not been previously published.

175. This field indicates whether the student is included in the population for indicators based on qualifying students.

Value	Description	Definition
1	Student is counted in the base population of qualifiers	IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, FDBC, NONE, FE) and IPHEENTITYFLAG = 1 and IPDUP = 0 and IPEMPMODE in (FT, PT)
0	Otherwise	Otherwise

IPUGBASEQUALPOP

New field: This is a new field that has not been previously published.

176. This field indicates whether the student is included in the undergraduate population for indicators based on qualifying students. It excludes students who qualified at undergraduate level but were aiming for a postgraduate-level qualification.

Value	Description	Definition
1	Student is counted in the base population of undergraduate qualifiers	IPAWARDLEVEL in (DEG, OUG, PUGD, PUGO) and IPLEVEL not in (PHD, OPGR, PGTM, PGCE, OPGT, PGCREDIT) and IPBASEQUALPOP = 1
0	Otherwise	Otherwise

Fields used in the generation of the access indicators

IPACCEXCL1

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

177. This field indicates students excluded from the access indicators population as they are neither full-time nor part-time.

Value	Description	Definition
0	The student was studying full-time or part-time	IPMODE in (FT, PT)
1	The student was not studying full-time or part-time	Otherwise

IPACCEXCL2

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

178. This field indicates students excluded from the access indicators population as they are not entrants or have left their course early.

Value	Description	Definition
0	The student was an entrant, and did not leave their course early	IPENTRANT = 1 and IPINTERCALATE ≠ 1 and (IPACTENDDATE = BLANK or IPACTENDDATE – IPCOMDATE ≥ 14 days)
1	The student was not an entrant	Otherwise

IPACCEXCL4

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

179. This field indicates students excluded from the access indicators population because they are one of the following:

- on a subject knowledge enhancement course

- an incoming visiting and exchange student from outside the UK
- on an instance where the whole of the course is outside the UK
- on an instance where the student has spent, or will spend, more than eight weeks in the UK but the course is primarily outside the UK
- on an instance where the student is studying mainly overseas as part of a collaborative course between their UK provider and an overseas provider.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	The student meets at least one of the exclusion criteria listed in paragraph 179	TTCID in (E, F) or IPEXCHANGE = 1 or IPLOCSDY = S
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	The student meets at least one of the exclusion criteria listed in paragraph 179	IPEXCHANGE = 1
0	Otherwise	Otherwise

IPACCEXCL8

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

180. This field indicates students excluded from the access indicators population as they are aiming for credits or no formal qualification.

Value	Description	Definition
0	The student was registered on a course at undergraduate level that aims for a formal qualification	IPLEVEL in (DEG, OUG, PUGD, PUGO) and IPHEENTITYFLAG = 1
1	Otherwise	Otherwise

IPACCEXCL16

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

181. This field excludes students who appear to have been recorded in another provider's HESA, HESA alternative provider or ILR data for the same activity.

Value	Description	Definition
1	Student recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPDUP = 1
0	Otherwise	Otherwise

IPACCEXCL

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

182. 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 $(1 \times \text{IPACCEXCL1}) + (2 \times \text{IPACCEXCL2}) + \dots + (16 \times \text{IPACCEXCL16})$. The reasons that contributed to the exclusion can therefore be determined.

Value	Description	Definition
1	The student was not studying full-time or part-time	IPACCEXCL1 = 1
2	The student was not an entrant	IPACCEXCL2 = 1
4	The student is excluded for other reasons	IPACCEXCL4 = 1
8	The student was not registered on a course that aims for a formal qualification at undergraduate level	IPACCEXCL8 = 1
16	The student was recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPACCEXCL16 = 1
0	Otherwise	None of the above

Fields used in the generation of the continuation indicators

Linking between years

183. In the continuation indicators for a given base year, we need to link data from HESA, HESA alternative provider and ILR to other years of data to evaluate outcomes. Data from the previous year is used to determine whether students are genuine entrants. Data from the following year is used to determine a student's activity for full-time and apprenticeship students. Data from the following two years is used to determine a student's activity for part-time non-apprenticeship students.
184. We link student data across years (to data both from the student's provider and from other providers) by combinations of first names, surname, date of birth, gender and (where available) home postcode and prior educational establishment (that is, the equivalent data linking method that HESA adopts for UK Performance Indicators). Spelling errors and other typographical errors (e.g. in dates) are taken into account.
185. We link each record in the base year to every record we can find for that student in each year's data, and consider only one record per student, mode and level at each provider using the method described in IPCONEXCL256 in paragraph 193.
186. A number of the fields used in the generation of the continuation outcomes described by this document are calculated for multiple years of the student data. In these cases, additional variables are included in the individualised file with the suffix of `_YX`. This denotes that the field is the same as the main variable, but the data used is from either a number of years, as denoted by X, following the current instance (e.g. `_Y1` where data is used one year following the base year). These additional fields are not listed in the algorithms below, but the fields are calculated on the same basis as the main variable listed in this document. 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`).

IPCONEXCL1

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

187. This field indicates students excluded from the continuation population as they are neither full-time nor part-time.

Value	Description	Definition
0	The student was studying full-time or part-time	IPMODE in (FT, PT)
1	The student was not studying full-time or part-time	Otherwise

IPCONEXCL2

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

188. This field indicates students excluded from the continuation population as they are not entrants or have left their course early.

Value	Description	Definition
0	The student was an entrant, and did not leave their course early	IPCOMDATE \geq 18 July 20YY and IPCOMDATE < 18 July 20YY+1 and (IPACTENDDATE = BLANK or IPACTENDDATE – IPCOMDATE \geq 14 days) and IPINTERCALATE \neq 1
1	The student was not an entrant	Otherwise

IPCONEXCL8

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

189. This field indicates students excluded from the continuation population as they are one of the following:

- on a subject knowledge enhancement course
- an incoming visiting and exchange student from outside the UK
- on an instance where the whole of the course is outside the UK
- on an instance where the student has spent, or will spend, more than eight weeks in the UK but the course is primarily outside the UK
- on an instance where the student is studying mainly overseas as part of a collaborative course between their UK provider and an overseas provider.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	The student meets at least one of the exclusion criteria listed in paragraph 189	TTCID in (E, F) or IPEXCHANGE = 1 or

Value	Description	Definition
		IPLOCSDY = S
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	The student meets at least one of the exclusion criteria listed in paragraph 189	IPEXCHANGE = 1
0	Otherwise	Otherwise

IPCONEXCL16

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

190. This field indicates students excluded from the continuation population as they are aiming for credits or no formal qualification.

Value	Description	Definition
0	The student was registered on a course at postgraduate or undergraduate level that aims for a formal qualification	IPMODE in (FT, PT) and IPLEVEL in (PHD, OPGR, PGTM, PGCE, OPGT, DEG, OUG, PUGD, PUGO) and IPHEENTITYFLAG = 1
1	Otherwise	Otherwise

IPCONEXCL32

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

191. This field indicates students excluded from the continuation population as they were active on a course in the year prior to entry, at the same level (grouping DEG with PUGD and OUG with PUGO) and provider.

IPCONEXCL128

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

192. This field excludes students who appear to have been recorded in another provider's HESA, HESA alternative provider or ILR data for the same activity.

Value	Description	Definition
1	Student recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPDUP = 1
0	Otherwise	Otherwise

IPCONEXCL256

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

193. We include in the continuation population only one record per student, mode and level at each registering provider. Note that for continuation purposes, all apprenticeship students are treated as having IPMODE = FT. Where a student has more than one record at the provider with the same IPMODE and IPLEVEL (in the base year), the following hierarchy is used to determine which record is kept in the continuation population:

- keep records not excluded for at least one of IPCONEXCL1-128 in preference to those that are excluded for at least one of those reasons
- keep the record that has the most favourable continuation outcome (in the following order of preference for IPCONINDFULL: QUALIFIED, CONTINUING_H, CONTINUING, TRANSFER, QUALIFIED_L, CONTINUING_L, TRANSFER_L, INACTIVE).

194. Records that are excluded for this reason are given an IPCONEXCL256 value of 1. Those not excluded for this reason are given an IPCONEXCL256 value of 0.

IPCONEXCL

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

195. This field indicates whether the student will be included in the continuation indicators calculation. For students excluded from the calculation, IPCONEXCL contains the sum of all applicable values from the table below. Students included in the calculation have IPCONEXCL = 0. The field is computed as $(1 \times \text{IPCONEXCL1}) + (2 \times \text{IPCONEXCL2}) + \dots +$

(256 × IPCONEXCL256). The reasons that contributed to the exclusion can therefore be determined.

Value	Description	Definition
1	The student was not studying full-time or part-time	IPCONEXCL1 = 1
2	The student was not an entrant	IPCONEXCL2 = 1
8	The student is excluded for other reasons	IPCONEXCL8 = 1
16	The student was not registered on a course that aims for a formal qualification at undergraduate or postgraduate level	IPCONEXCL16 = 1
32	The student was active on a course at the same level and same provider in the year prior to entry	IPCONEXCL32 = 1
128	Student recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPCONEXCL128 = 1
256	Student with more than one record at the provider with the same IPMODE and IPLEVEL	IPCONEXCL256 = 1
0	Otherwise	None of the above

IPCONQUAL

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

196. This field allocates the qualification awarded to the student during the reporting year to a broad grouping, for use in the assessment of continuation outcomes.

197. The associated fields, XXXXXX_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
PHD	PhD and MPhil	IPAWARDLEVEL = PHD
OPGR	Other postgraduate research	IPAWARDLEVEL = OPGR
PGTM	Postgraduate taught masters'	IPAWARDLEVEL = PGTM
PGCE	PGCE	IPAWARDLEVEL = PGCE
OPGT	Other postgraduate taught	IPAWARDLEVEL = OPGT
PUGD	Degrees including a postgraduate component	IPAWARDLEVEL = PUGD
PUGO	Other qualifications with a postgraduate component	IPAWARDLEVEL = PUGO
DEG	Degree	IPAWARDLEVEL = DEG
OUG	Other undergraduate	IPAWARDLEVEL = OUG
OTH	Other	Otherwise

IPSOURCE = ILR

Value	Description	Definition
PHD	PhD and MPhil	IPQUALIFIER = 1 and IPAWARDLEVEL = PHD
OPGR	Other postgraduate research	IPQUALIFIER = 1 and IPAWARDLEVEL = OPGR
PGTM	Postgraduate taught masters'	IPQUALIFIER = 1 and IPAWARDLEVEL = PGTM
PGCE	PGCE	IPQUALIFIER = 1 and IPAWARDLEVEL = PGCE
OPGT	Other postgraduate taught	IPQUALIFIER = 1 and IPAWARDLEVEL = OPGT
PUGD	Degrees including a postgraduate component	IPQUALIFIER = 1 and IPAWARDLEVEL = PUGD
PUGO	Other qualifications with a postgraduate component	IPQUALIFIER = 1 and IPAWARDLEVEL = PUGO
DEG	Degree	IPQUALIFIER = 1 and IPAWARDLEVEL = DEG
OUG	Other undergraduate	IPQUALIFIER = 1 and IPAWARDLEVEL = OUG
OTH	Other	Otherwise

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

IPCONACTIVE_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

198. This field indicates whether the student was active in the year denoted by X. For example, IPCONACTIVE_Y1 indicates the student was active in the year following the current instance.

IPSOURCE = HESASTU and ILR

Value	Description	Definition
1	Student is active in the year denoted by X	IPSTULOAD_YX not in (0, BLANK) or (IPCOUNTRY = S and TYPEYR_YX not in (1, BLANK))

Value	Description	Definition
0	Otherwise	Otherwise

IPSOURCE = HESAAP

Value	Description	Definition
1	Student is active in the year denoted by X	IPSTULOAD_YX not in (0, BLANK)
0	Otherwise	Otherwise

IPCONCENSUS_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

199. This field indicates the date X years and 14 days after the start of the student's instance. For example, IPCONCENSUS_Y1 indicates the date one year and 14 days after the start of the student's instance.

Note on activity levels

200. The activity level hierarchy described below (denoted by the fields IPLEVEL_H, IPLEVEL_E and IPLEVEL_L) is attributed for all activity considered active study or qualification for each level of study in the base year. If a student is found to be studying, or has qualified, at a level that does not fall in either of these categories, then that study or qualification will be considered as if the student were inactive for the purposes of continuation.

IPCONLEVEL_H

New field: This is a new field that has not been previously published.

201. This field indicates the levels of study or qualification that would be considered at a higher level than the student's level of study in the base year.

Value	Definition
BLANK	IPLEVEL = PHD
PHD	IPLEVEL in (OPGR, PGTM, PGCE, OPGT)
PHD OPGR PGTM PGCE OPGT	IPLEVEL in (PGCREDIT, PGUNSPEC)
PHD OPGR PGTM PGCE OPGT	IPLEVEL = (DEG, PUGO, PUGD)
PHD OPGR PGTM PGCE OPGT PUGD DEG	IPLEVEL = OUG
PHD OPGR PGTM PGCE OPGT PUGD DEG PUGO OUG PGCREDIT PGUNSPEC	IPLEVEL in (UGCREDIT UGUNSPEC)

IPCONLEVEL_E

New field: This is a new field that has not been previously published.

202. This field indicates the levels of study or qualification that would be considered at an equivalent level to the student's level of study in the base year.

Value	Definition
PHD	IPLEVEL = PHD
OPGR PGTM PGCE OPGT	IPLEVEL in (OPGR, PGTM, PGCE, OPGT)
PGCREDIT PGUNSPEC	IPLEVEL in (PGCREDIT, PGUNSPEC)
DEG PUGO PUGD	IPLEVEL = (DEG, PUGO, PUGD)
PUGO OUG	IPLEVEL = OUG
UGCREDIT UGUNSPEC	IPLEVEL in (UGCREDIT UGUNSPEC)

IPCONLEVEL_L

New field: This is a new field that has not been previously published.

203. This field indicates the levels of study or qualification that would be considered at a lower level than the student's level of study in the base year.

Value	Definition
OPGR PGTM PGCE OPGT PGCREDIT PGUNSPEC	IPLEVEL = PHD
PUGD PUGO PGCREDIT PGUNSPEC	IPLEVEL in (OPGR, PGTM, PGCE, OPGT)
PUGD PUGO	IPLEVEL in (PGCREDIT, PGUNSPEC)
OUG PGCREDIT PGUNSPEC UGCREDIT UGUNSPEC	IPLEVEL = (DEG, PUGO, PUGD)
PGCREDIT PGUNSPEC UGCREDIT UGUNSPEC	IPLEVEL = OUG
BLANK	IPLEVEL in (UGCREDIT UGUNSPEC)

IPCONVALIDMODE_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

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

Value	Description	Definition
FT PT WUP	Allows full-time, part-time and writing up	if IPLEVEL_YX in (PHD, OPGR, PGTM, PGCE, OPGT)
FT PT	Allows full-time and part-time modes only	Otherwise

IPCONINDFULL_Y1 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

205. This field indicates the continuation outcome of a student on their census date one year and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study at the same provider at an equivalent level to their initial study or higher within one year and 14 days after their entry to higher education	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL) or (IPACTENDDATE_Y1 ≠ BLANK and IPACTENDDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC = IPUKPRNRC_Y1 and (IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1))
CONTINUING	The student was continuing on an instance of higher education study at the same provider at an equivalent level to their initial study or higher one year and 14 days after their entry to higher education	IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 = IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 ≥ IPCONCENSUS_Y1 and (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1)))) and not above

Value	Description	Definition
TRANSFER	The student transferred to being registered at another provider, and was in active higher education study that was at an equivalent level to their initial study or higher one year and 14 days after their entry to higher education	<p>(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPIKPRNRC_Y1 ≠ IPIKPRNRC and (IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1))</p> <p>or</p> <p>(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPIKPRNRC_Y1 ≠ IPIKPRNRC and (IPCONLEVEL_H contains IPILEVEL_Y1 or IPCONLEVEL_E contains IPILEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14))</p> <p>and not above</p>
QUALIFIED_L	The student qualified on an instance of higher education study at the same provider at a lower level than their initial study within one year and 14 days after their entry to higher education	<p>(IPCONLEVEL_L contains IPCONQUAL)</p> <p>or</p> <p>(IPACTENDDATE_Y1 ≠ BLANK and IPACTENDDATE_Y1 ≤ IPCONCENSUS_Y1 and IPIKPRNRC = IPIKPRNRC_Y1 and IPCONLEVEL_L contains IPCONQUAL_Y1)</p> <p>and not above</p>
CONTINUING_L	The student was continuing on an instance of higher education study at the same provider at a lower level than their initial study one year and 14 days after their entry to higher education	<p>IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPIKPRNRC_Y1 = IPIKPRNRC and IPCONLEVEL_L contains IPILEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 ≥ IPCONCENSUS_Y1 and (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14 or IPCONLEVEL_L</p>

Value	Description	Definition
		contains IPCONQUAL_Y1))) and not above
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study at a lower level than their initial study one year and 14 days after their entry to higher education	(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y1) or (IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14))) 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 one year and 14 days after their entry	Otherwise

IPCONINDFULL_Y2 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

206. This field indicates the continuation outcome of a student on their census date two years and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study at the same provider at an equivalent level to their initial study or higher within two years and 14 days after their entry to higher education	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL) or ((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and

Value	Description	Definition
		IPUKPRNRC_Y1 = IPUKPRNRC) or (IPACTENDDATE_Y2 ≠ BLANK and IPACTENDDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC = IPUKPRNRC_Y2 and (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2))
CONTINUING	The student was continuing on an instance of higher education study at the same provider at an equivalent level to their initial study or higher two years and 14 days after their entry to higher education	IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 = IPUKPRNRC and (IPCONLEVEL_H contains ILEVEL_Y2 or IPCONLEVEL_E contains ILEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 ≥ IPCONCENSUS_Y2 and (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2)))) and not above
TRANSFER	The student transferred to being registered at another provider, and was in active higher education study at an equivalent level to their initial study or higher two years and 14 days after their entry to higher education	((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 ≠ IPUKPRNRC) or (IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains ILEVEL_Y1 or IPCONLEVEL_E contains ILEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 -

Value	Description	Definition
		<p>IPCOMDATE_Y1 ≥ 14))</p> <p>or</p> <p>(IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPIKPRNRC_Y2 ≠ IPIKPRNRC and (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2))</p> <p>or</p> <p>(IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and and IPIKPRNRC_Y2 ≠ IPIKPRNRC and (IPCONLEVEL_H contains IPILEVEL_Y2 or IPCONLEVEL_E contains IPILEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14))))</p> <p>and not above</p>
QUALIFIED_L	The student qualified on an instance of higher education study at the same provider at a lower level than their initial study within two years and 14 days after their entry to higher education	<p>(IPCONLEVEL_L contains IPCONQUAL)</p> <p>or</p> <p>(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPIKPRNRC_Y1 = IPIKPRNRC)</p> <p>or</p> <p>(IPACTENDDATE_Y2 ≠ BLANK and IPACTENDDATE_Y2 ≤ IPCONCENSUS_Y2 and IPIKPRNRC = IPIKPRNRC_Y2 and IPCONLEVEL_L contains IPCONQUAL_Y2)</p> <p>and not above</p>
CONTINUING_L	The student was continuing on an instance of higher education study at the same provider at a lower level than their initial study	<p>IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPIKPRNRC_Y2 = IPIKPRNRC and IPCONLEVEL_L contains IPILEVEL_Y2 and</p>

Value	Description	Definition
	two years and 14 days after their entry to higher education	IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 ≥ IPCONCENSUS_Y2 and (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14 or IPCONLEVEL_L contains IPCONQUAL_Y2))) and not above
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study at a lower level than their initial study two years and 14 days after their entry to higher education	(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC) or (IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14)) or (IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y2) or (IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y2 and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14))) and not above

Value	Description	Definition
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 two years and 14 days after their entry	Otherwise

IPCONINDFULL (not shown in the individualised files)

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

207. This field indicates the activity in higher education that is determined for each student for the purposes of continuation. For full-time or apprenticeship students, this corresponds to their determined higher education activity in the year following entry. For part-time students (non-apprenticeship), this corresponds to their determined higher education activity two years following entry.

Value	Description	Definition
IPCONINDFULL_Y2	Continuation outcome two years following a student's entry	IPMODE = PT and IPAPPRENTICE ≠ 1 and IPBASEYEAR < 2016
IPCONINDFULL_Y1	Continuation outcome in the year following a student's entry	Otherwise

IPCONIND

Modified field: The definition for this field has changed since the previously published documentation. See the 'Technical algorithms for institutional performance measures: Changes 2019 to 2020' document for further details.

208. This field indicates the determined higher education activity that can be reported to providers. For data protection reasons, information about transfers cannot be disclosed.

Value	Description	Definition
CONTORQUAL_SAMELEVEL	The student continued on an instance of higher education study, or qualified, at the same provider at an equivalent level or higher	IPCONINDFULL in (QUALIFIED, CONTINUING)

Value	Description	Definition
OTHER	The student had some other continuation outcome	IPCONINDFULL in (TRANSFER, QUALIFIED_L, CONTINUING_L, TRANSFER_L, INACTIVE)
BLANK	Otherwise	Otherwise

Fields used in the generation of degree outcome indicators

IPDOQUALPOP

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

209. This field indicates whether the student is included in the population of first degree qualifiers who are in scope for the degree outcome indicators. For student data taken from the HESA AP student record this field is available from 2014-15.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
1	Student is counted in the population of first degree qualifiers	XPQUAL01 = 1 and XQLEV501 = 3 and IPDUP = 0
0	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
1	Student is counted in the population of first degree qualifiers	OUTCOME = 1 and IPLEVEL in (PUGD, DEG) and IPDUP = 0
0	Otherwise	Otherwise

Note: For records taken from the 2011-12 ILR, OUTCOMEIND is used instead of OUTCOME.

XCLASSF01

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU and HESAAP

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

IPSOURCE = ILR

211. This field is not calculated.

IPDEGCLASS

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

212. This field indicates the degree classification awarded to first degree students. For student data taken from the HESA student record or the ILR, this field is available for 2011-12 to 2016-17. For student data taken from the HESA AP student record this field is available for each year of data from 2014-15 to 2016-17.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
FIRST	First class honours degree	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and XCLASSF01 = 01
2_1	Upper second class honours degree	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and XCLASSF01 = 02
OTH_HONOURS	Other classifications of honours degree	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and XCLASSF01 in (03, 04, 05, 06, 09)
UNCLASS	Unclassified degree awards	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and not above
NA	Otherwise	Otherwise

IPSOURCE = ILR

Value	Description	Definition
FIRST	First class honours degree	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and OUTGRADE = FI
2_1	Upper second class honours degree	(IPLEVEL in (DEG, PUGD) or

Value	Description	Definition
		IPAWARDLEVEL in (DEG, PUGD)) and OUTGRADE = SU
OTH_HONOURS	Other classifications of honours degree	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and OUTGRADE in (SL, SE, TH, FO)
UNCLASS	Unclassified degree awards	(IPLEVEL in (DEG, PUGD) or IPAWARDLEVEL in (DEG, PUGD)) and not above
NA	Otherwise	Otherwise

Fields used in the generation of the employment and destinations indicators

IPEMPMODE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

213. This field allocates students to a mode of study, for use in relation to the qualifiers population, and degree outcome, employment and destinations indicators.

IPSOURCE = HESASTU and HESAAP

Value	Description	Definition
FT	Full-time	XQMODE01 = 1
PT	Part-time	XQMODE01 = 2
OTH	Other	Otherwise

IPSOURCE = ILR

214. Calculated on the same basis as IPMODE in paragraph 44.

IPEMPXPDLHE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

215. This field indicates whether the student is counted in the Destinations of Leavers from Higher Education (DLHE) target population. Where IPSOURCE = HESASTU and HESAAP, this field is equal to XPDLHE02 for 2011-12 to 2016-17 inclusive. For 2010-11 it is equal to XPDLHE01.

IPEMPSOCDLHE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

216. This field indicates the Standard Occupational Classification 2010 and is equal to SOCDLHE2010 for 2011-12 onwards. For 2010-11 it indicates the Standard Occupational Classification and is equal to SOCDLHE.

IPEMPEXCL1

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

217. This field indicates students excluded from the employment and destinations indicators population as they are not counted in the DLHE target population.

Value	Description	Definition
0	Student is counted in the DLHE target population	IPEMPXPDLHE = 1
1	Student is not counted in the DLHE target population	Otherwise

IPEMPEXCL2

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

218. This field indicates students excluded from the employment and destinations indicators 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

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

219. This field indicates students excluded from the employment and destinations indicators population as they were not awarded an higher education-level qualification.

Value	Description	Definition
0	The student was awarded an higher education-level qualification	IPAWARDLEVEL not in (PGCREDIT, UGCREDIT, FDBC, NONE, FE) and IPHEENTITYFLAG = 1
1	Otherwise	Otherwise

IPEMPEXCL8

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

220. This field excludes students who appear to have been recorded in another provider's HESA, HESA alternative provider or ILR data for the same activity.

Value	Description	Definition
1	Student recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPDUP = 1
0	Otherwise	Otherwise

IPEMPEXCL

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

221. This field indicates whether the student will be included in the employment and destinations indicators calculation. For students excluded from the calculation, IPEMPEXCL contains the sum of all applicable values from the table below. Students included in the calculation have IPEMPEXCL = 0.

Value	Description	Definition
1	Student is not counted in the DLHE target population	IPEMPEXCL1 = 1
2	The student was not UK-domiciled	IPEMPEXCL2 = 1
4	The student was not awarded an higher education-level qualification	IPEMPEXCL4 = 1
8	The student was recorded in another provider's HESA, HESA AP or ILR data for the same activity	IPEMPEXCL8 = 1
0	Otherwise	None of the above

IPEMPRESPONSE

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

222. This field indicates whether the student responded to the DLHE survey. It includes those who have died, and those who have explicitly refused to provide information.

Value	Description
1	Responded to the DLHE survey
0	Did not respond to the DLHE survey

IPEMPRRDENOM

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

223. This field indicates whether the student is included in the denominator of the response rate calculation for the employment and destinations indicators.

Value	Description	Definition
1	The student is included in the denominator of the response rate calculation	IPEMPEXCL = 0
0	The student is not included in the denominator of the response rate calculation	Otherwise

IPEMPRRNUM

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

224. This field indicates whether the student is included in the numerator of the response rate calculation for the employment and destinations indicators.

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

IPEMPACT

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

225. This field shows the employment activity of a student and is calculated using exactly the same method as the HESA derived field XACTIV02 for the year in question (for 2010-11, XACTIV01 is used instead). For example, the full specification for 2016-17 can be found on HESA's website at <https://www.hesa.ac.uk/collection/c16018/derived-fields>.

IPEMPINDPOP

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

226. This field indicates whether the student is included in the population for the employment and destinations indicators.

Value	Description	Definition
1	Student is included in the population for the employment and destinations indicators	IPEMPXCL = 0 and IPEMPACT in (01, 02, 03, 04, 05, 06, 07, 08, A, B, C, D, E, F)
0	Student is not included in the population for the employment and destinations indicators	Otherwise

IPEMPIND

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

227. This field indicates the student's main activity as recorded in the DLHE.

Value	Description	Definition
WORK_HIGHSKILL	Highly skilled employment	(IPEMPACT in (01, 02, 03, A, B, C) or (IPEMPACT = D and (EMPCIR in (01, 03) or MODSTUDY = 2))) and IPEMPSOCDLHE* in (1, 2, 3)
WORK_OTHER	Non-highly skilled employment	(IPEMPACT in (01, 02, 03, A, B, C) or (IPEMPACT = D and ((MODSTUDY = 2 and EMPCIR in (01, 03) or

Value	Description	Definition
		(TYPEQUAL not in (01, 02, 03, 04) and (EMPCIR in (01, 03) or MODSTUDY = 2)))))) and not above
STUDY_PHD	Primarily studying (PhD and MPhil level study)	IPEMPACT in (04, 05, 06, D, E) and TYPEQUAL = 01 and not above
STUDY_PGT	Primarily studying (postgraduate taught level study)	IPEMPACT in (04, 05, 06, D, E) and TYPEQUAL = 02 and not above
STUDY_OPG	Primarily studying (other postgraduate level study)	IPEMPACT in (04, 05, 06, D, E) and TYPEQUAL = 03 and not above
STUDY_DEG	Primarily studying (first degree level study)	IPEMPACT in (04, 05, 06, D, E) and TYPEQUAL = 04 and not above
STUDY_OTHER	Primarily studying (other level study)	IPEMPACT in (04, 05, 06, E) or (EMPACT = D and EMPCIR in (02, 15)) and not above
UNEMPLOYED	Unemployed or due to start work	IPEMPACT in (07, 08, F)
OTHER	Not available for work or study, or no information supplied	IPEMPACT in (09, G, O)
NOANSWER	Ineligibility or explicit refusal	Otherwise

* The first character of IPEMPSOCDLHE is used.

IPHSEMPPGSTUDY

Renamed field: This field has been renamed since the previously published documentation. It used to be known as B3MONEMPINDHIGHPGNUM.

228. This field indicates whether the student is included in the numerator of the employment and destinations indicators considering progression to highly skilled employment or postgraduate study.

Value	Description	Definition
1	Student is included in the numerator	IPEMPINDPOP = 1 and IPEMPIND in (WORK_HIGHSKILL, STUDY_PHD, STUDY_PGT, STUDY_OPG)
0	Student is not included in the numerator	Otherwise

IPHSEMPHLSTUDY

Modified field: The definition for this field has been refined since the previously published documentation. These refinements seek to accommodate modifications to variables categorising levels of qualification aims and qualifications awarded.

229. This field indicates whether the student is included in the numerator of the employment and destinations indicators considering progression to highly skilled employment or study at a higher level than the qualification they had recently obtained.

Value	Description	Definition
1	Student is included in the numerator	IPEMPINDPOP = 1 and ((IPAWARDLEVEL = OUG and IPEMPIND in (WORK_HIGHSKILL, STUDY_PHD, STUDY_PGT, STUDY_OPG, STUDY_DEG)) or (IPAWARDLEVEL in (DEG, PUGD, PUGO) and IPEMPIND in (WORK_HIGHSKILL, STUDY_PHD, STUDY_PGT, STUDY_OPG)) or (IPAWARDLEVEL in (OPGT, OPGR, PGCE) and IPEMPIND in (WORK_HIGHSKILL, STUDY_PHD, STUDY_PGT)) or (IPAWARDLEVEL = PGTM and IPEMPIND in (WORK_HIGHSKILL, STUDY_PHD)) or

Value	Description	Definition
		(IPAWARDLEVEL = PHD and IPEMPIND = WORK_HIGHSKILL))
0	Student is not included in the numerator	Otherwise

Note: For records taken from the 2010-11 ILR and earlier, HQ_MHESE (H14) is used instead of MODESTUD.

Supplementary and experimental fields

245. These fields have been included in this document as supplementary or experimental fields. These fields are not currently used in the calculation of our published institutional performance measures.

IPUKPRNTC (not shown in the individualised files)

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

246. This field shows the UKPRN of the provider where the student spends the majority of this academic year. It is calculated using the method described in paragraphs 248 to 251. The IPUKPRNTC value will take into account whether a provider was involved in a merger before 10 January 2020.

247. The associated fields, IPUKPRNTC_YX, have the same definition as that described here, but the data used is from X years following IPBASEYEAR. See the 'Linking between years' section (paragraphs 183 to 186) for more detail.

IPSOURCE = HESASTU

248. To set IPUKPRNTC for the HESA student record (only modules where MODSTAT ≠ 4 are included), for each combination of instance 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 = Unknown.

IPSOURCE = HESAAP

249. For the HESA AP student record, this is set as the UK Provider Reference Number (UKPRN), except where the provider was involved in a merger before 10 January 2020.

IPSOURCE = ILR

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

Value	Description	Definition
Value of PARTNERUKPRN	Student spent the majority of the year at the provider recorded in PARTNERUKPRN	PCOLAB > 50 and PARTNERUKPRN not in (0, BLANK)
Value of UKPRN	Otherwise	Otherwise

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

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

IPAWARDBOD (not shown in the individualised files)

New field: This is a new field that has not been previously published.

252. This field indicates the awarding body of the qualification in the form of a UKPRN.

IPSOURCE = HESASTU

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

Value	Description	Definition
10022490	Edexcel	(IPBASEYEAR ≥ 2012 and AWARDBOD = 1) or (IPBASEYEAR ≤ 2011 and IPOFSQAIM in (HNC, HND))
10038755	SQA	IPBASEYEAR ≥ 2012 and AWARDBOD = 2
OTHER	Other awarding body	IPBASEYEAR ≥ 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

254. 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 = HESAAP

255. 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.

IPSOURCE = ILR

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. Where the awarding body is listed as MULTI or NONE, IPAWARDBOD has been set to OTHER.

IPSBJ_CA3 (not shown in the individualised files)

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

256. This field shows which of the Common Aggregation Hierarchy level 3 (CAH3) codes the IPJACS code maps to, using the current version of the Common Aggregation Hierarchy. Where we cannot map to a subject, we set IPSBJ_CA3 = CAH23-01-01. The mapping of JACS to the Common Aggregation Hierarchy codes can be found at <https://www.hesa.ac.uk/innovation/hecos>.

IPINTERCALATE (not shown in the individualised files)

Unchanged field: This field has the same definition as its equivalent field in the previously published documentation.

IPSOURCE = HESASTU

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

Value	Description	Definition
1	The year of instance is an intercalated year (records taken from 2013-14 HESA and later)	INTERCALATE = 01
1	The year of instance is an intercalated year (records taken from 2012-13 HESA and earlier)	COURSEAIM = H24
0	The year of instance is not an intercalated year	Otherwise

IPSOURCE = HESAAP or ILR

258. This field is not calculated.

IPINTSBJ_CAH2 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

259. 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 are shown as IPINTSBJ_CAH2 = N/A, and those who were not intercalating are shown as IPINTSBJ_CAH2 = NONE.

IPINTFPE (not shown in the individualised files)

Modified field: The definition for this field has been modified since the previously published documentation. These refinements seek to simplify understanding and increase the consistency of our approaches.

260. This field shows the nominal FPE associated with the IPINTSBJ_CAH2 code for students who have intercalated.

IPCONEXCL256_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

261. This is calculated on the same basis as IPCONEXCL256 in paragraph 193, except that it uses IPCONINDFULL_YX rather than IPCONINDFULL.

IPCONEXCL256SBJ_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

262. We include in the continuation population only one record per subject, student, mode and level at each registering provider. Note that for continuation purposes, all apprenticeship students are treated as having IPMODE = FT. Where a student has more than one record at the provider with the same IPJACS, IPMODE and IPLEVEL (in the base year), the following hierarchy is used to determine which record is kept in the continuation indicators population:

- keep records not excluded for at least one of IPCONEXCL1-128 in preference to those that are excluded for at least one of those reasons
- keep the record that has the most favourable continuation outcome (in the following order of preference for IPCONINDFULLSBJ_YX: QUALIFIED, CONTINUING_H, CONTINUING, TRANSFER, QUALIFIED_L, CONTINUING_L, TRANSFER_L, INACTIVE)

- keep the record with the highest value of IPFPE.

263. Records that are excluded for this reason are given an IPCONEXCL256SBJ_YX value of 1. Those not excluded for this reason are given an IPCONEXCL256SBJ_YX value of 0.

IPCONEXCL_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

264. This is calculated on the same basis as IPCONEXCL in paragraph 195, except that it uses IPCONEXCL256_YX rather than IPCONEXCL256.

IPCONEXCLSBJ_YX (not shown in the individualised files)

New field: This is a new field that has not been previously published.

265. This is calculated on the same basis as IPCONEXCL in paragraph 195, except that it uses IPCONEXCL256SBJ_YX rather than IPCONEXCL256.

IPCONINDFULL_Y3 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

266. This field indicates the continuation outcome of a student on their census date three years and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study at the same provider at an equivalent level to their initial study or higher within three years and 14 days after their entry to higher education	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL) or ((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 = IPUKPRNRC) or ((IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPUKPRNRC_Y2 = IPUKPRNRC)

Value	Description	Definition
		<p>or</p> <p>(IPACTENDDATE_Y3 ≠ BLANK and IPACTENDDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC = IPUKPRNRC_Y3 and (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3))</p>
CONTINUING	<p>The student was continuing on an instance of higher education study at the same provider at an equivalent level to their initial study or higher three years and 14 days after their entry to higher education</p>	<p>IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 = IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y3 or IPCONLEVEL_E contains IPLEVEL_Y3) and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 ≥ IPCONCENSUS_Y3 and (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3))))</p> <p>and not above</p>
TRANSFER	<p>The student transferred to being registered at another provider, and was in active higher education study at an equivalent level to their initial study or higher three years and 14 days after their entry to higher education</p>	<p>((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 ≠ IPUKPRNRC)</p> <p>or</p> <p>(IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14))</p>

Value	Description	Definition
		<p>or</p> <p>((IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPUKPRNRC_Y2 ≠ IPUKPRNRC)</p> <p>or</p> <p>(IPUKPRNRC_Y2 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y2 or IPCONLEVEL_E contains IPLEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14))</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3))</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y3 or IPCONLEVEL_E contains IPLEVEL_Y3) and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14))))</p> <p>and not above</p>
QUALIFIED_L	The student qualified on an instance of higher education study at the same provider at a lower level than their initial study	(IPCONLEVEL_L contains IPCONQUAL) or

Value	Description	Definition
	within three years and 14 days after their entry to higher education	(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPIKPRNRC_Y1 = IPIKPRNRC) or (IPCONLEVEL_L contains IPCONQUAL_Y2 and IPIKPRNRC_Y2 = IPIKPRNRC) or (IPACTENDDATE_Y3 ≠ BLANK and IPACTENDDATE_Y3 ≤ IPCONCENSUS_Y3 and IPIKPRNRC = IPIKPRNRC_Y3 and IPCONLEVEL_L contains IPCONQUAL_Y3) and not above
CONTINUING_L	The student was continuing on an instance of higher education study at the same provider at a lower level than their initial study three years and 14 days after their entry to higher education	IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPIKPRNRC_Y3 = IPIKPRNRC and IPCONLEVEL_L contains IPILEVEL_Y3 and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 ≥ IPCONCENSUS_Y3 and (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14 or IPCONLEVEL_L contains IPCONQUAL_Y3))) and not above
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study at a lower level than their initial study three years and 14 days after their entry to higher education	(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPIKPRNRC_Y1 ≠ IPIKPRNRC) or (IPIKPRNRC_Y1 ≠ IPIKPRNRC and IPCONLEVEL_L contains IPILEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 -

Value	Description	Definition
		<p>IPCOMDATE_Y1 ≥ 14))</p> <p>or</p> <p>(IPCONLEVEL_L contains IPCONQUAL_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC)</p> <p>or</p> <p>(IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y2 and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14))</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y3)</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y3 and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14)))</p> <p>and not above</p>
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 three years and 14 days after their entry	Otherwise

IPCONINDFULLSBJ_Y1 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

267. This field indicates the continuation outcome, in the same subject area, of a student on their census date one year and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study in the same subject area at the same provider at an equivalent level to their initial study or higher within one year and 14 days after their entry to higher education	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL) or (IPACTENDDATE_Y1 ≠ BLANK and IPACTENDDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC = IPUKPRNRC_Y1 and (IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)
CONTINUING	The student was continuing on an instance of higher education study in the same subject area at the same provider at an equivalent level to their initial study or higher one year and 14 days after their entry to higher education	IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 = IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 ≥ IPCONCENSUS_Y1 and (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1)))) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2 and not above
TRANSFER	The student transferred to being registered at another provider, and was in active higher education study in the same	(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains

Value	Description	Definition
	subject area at an equivalent level to their initial study or higher one year and 14 days after their entry to higher education	<p>IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>and not above</p>
QUALIFIED_L	The student qualified on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study within one year and 14 days after their entry to higher education	<p>(IPCONLEVEL_L contains IPCONQUAL)</p> <p>or</p> <p>(IPACTENDDATE_Y1 ≠ BLANK and IPACTENDDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC = IPUKPRNRC_Y1 and IPCONLEVEL_L contains IPCONQUAL_Y1 and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>and not above</p>
CONTINUING_L	The student was continuing on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study one year and 14 days after their entry to higher education	<p>IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 = IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 ≥ IPCONCENSUS_Y1 and (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14 or IPCONLEVEL_L</p>

Value	Description	Definition
		contains IPCONQUAL_Y1))) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2 and not above
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study in the same subject area at a lower level than their initial study one year and 14 days after their entry to higher education	(IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y1 and IPSBJ_CAH2_Y1 = IPSBJ_CAH2) or (IPCOMDATE_Y1 ≤ IPCONCENSUS_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or (IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14)) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2) 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 in the same subject area one year and 14 days after their entry	Otherwise

IPCONINDFULLSBJ_Y2 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

268. This field indicates the continuation outcome, in the same subject area, of a student on their census date two years and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study in the same subject area at the same provider at an	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL)

Value	Description	Definition
	equivalent level to their initial study or higher within two years and 14 days after their entry to higher education	<p>or</p> <p>((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 = IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPACTENDDATE_Y2 ≠ BLANK and IPACTENDDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC = IPUKPRNRC_Y2 and (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p>
CONTINUING	The student was continuing on an instance of higher education study in the same subject area at the same provider at an equivalent level to their initial study or higher two years and 14 days after their entry to higher education	<p>IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 = IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y2 or IPCONLEVEL_E contains IPLEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 ≥ IPCONCENSUS_Y2 and (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2)))) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2</p> <p>and not above</p>
TRANSFER	The student transferred to being registered at another provider, and was in active higher education study in the same subject area at an equivalent level to their initial study or higher two years and 14 days after their entry to higher education	<p>((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p>

Value	Description	Definition
		<p>(IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y2 or IPCONLEVEL_E contains IPLEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14)) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>and not above</p>
QUALIFIED_L	The student qualified on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study within two years and 14 days after their entry to higher education	<p>(IPCONLEVEL_L contains IPCONQUAL)</p> <p>or</p> <p>(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPUKPRNRC_Y1 = IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p>

Value	Description	Definition
		<p>or</p> <p>(IPACTENDDATE_Y2 ≠ BLANK and IPACTENDDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC = IPUKPRNRC_Y2 and IPCONLEVEL_L contains IPCONQUAL_Y2 and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>and not above</p>
CONTINUING_L	The student was continuing on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study two years and 14 days after their entry to higher education	<p>IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 = IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y2 and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 ≥ IPCONCENSUS_Y2 and (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14 or IPCONLEVEL_L contains IPCONQUAL_Y2))) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2</p> <p>and not above</p>
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study in the same subject area at a lower level than their initial study two years and 14 days after their entry to higher education	<p>(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p>

Value	Description	Definition
		(IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y2 and IPSBJ_CAH2_Y2 = IPSBJ_CAH2) or (IPCOMDATE_Y2 ≤ IPCONCENSUS_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y2 and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or (IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14)) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2) 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 in the same subject area two years and 14 days after their entry	Otherwise

IPCONINDFULLSBJ_Y3 (not shown in the individualised files)

New field: This is a new field that has not been previously published.

269. This field indicates the continuation outcome, in the same subject area, of a student on their census date three years and 14 days after entry.

Value	Description	Definition
QUALIFIED	The student qualified on an instance of higher education study in the same subject area at the same provider at an equivalent level to their initial study or higher within three years and 14 days after their entry to higher education	(IPCONLEVEL_H contains IPCONQUAL or IPCONLEVEL_E contains IPCONQUAL) or ((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and

Value	Description	Definition
		<p>IPUKPRNRC_Y1 = IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>((IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPUKPRNRC_Y2 = IPUKPRNRC and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPACTENDDATE_Y3 ≠ BLANK and IPACTENDDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC = IPUKPRNRC_Y3 and (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p>
CONTINUING	The student was continuing on an instance of higher education study in the same subject area at the same provider at an equivalent level to their initial study or higher three years and 14 days after their entry to higher education	<p>IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 = IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y3 or IPCONLEVEL_E contains IPLEVEL_Y3) and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 ≥ IPCONCENSUS_Y3 and (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14 or (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3)))) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2</p> <p>and not above</p>
TRANSFER	The student transferred to being registered at another provider, and was in active higher education study in the same subject area at an equivalent level to their initial study or	<p>((IPCONLEVEL_H contains IPCONQUAL_Y1 or IPCONLEVEL_E contains IPCONQUAL_Y1) and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p>

Value	Description	Definition
	higher three years and 14 days after their entry to higher education	<p>or</p> <p>(IPUKPRNRC_Y1 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y1 or IPCONLEVEL_E contains IPLEVEL_Y1) and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK</p> <p>or</p> <p>IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>((IPCONLEVEL_H contains IPCONQUAL_Y2 or IPCONLEVEL_E contains IPCONQUAL_Y2) and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPUKPRNRC_Y2 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y2 or IPCONLEVEL_E contains IPLEVEL_Y2) and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK</p> <p>or</p> <p>IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPCONQUAL_Y3 or IPCONLEVEL_E contains IPCONQUAL_Y3) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p> <p>or</p>

Value	Description	Definition
		<p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and (IPCONLEVEL_H contains IPLEVEL_Y3 or IPCONLEVEL_E contains IPLEVEL_Y3) and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14)) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p> <p>and not above</p>
QUALIFIED_L	<p>The student qualified on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study within three years and 14 days after their entry to higher education</p>	<p>(IPCONLEVEL_L contains IPCONQUAL)</p> <p>or</p> <p>(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPUKPRNRC_Y1 = IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCONLEVEL_L contains IPCONQUAL_Y2 and IPUKPRNRC_Y2 = IPUKPRNRC and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPACTENDDATE_Y3 ≠ BLANK and IPACTENDDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC = IPUKPRNRC_Y3 and IPCONLEVEL_L contains IPCONQUAL_Y3 and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p> <p>and not above</p>
CONTINUING_L	<p>The student was continuing on an instance of higher education study in the same subject area at the same provider at a lower level than their initial study three years and 14 days after their entry to higher education</p>	<p>IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 = IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y3 and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and</p>

Value	Description	Definition
		IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 ≥ IPCONCENSUS_Y3 and (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14 or IPCONLEVEL_L contains IPCONQUAL_Y3))) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2 and not above
TRANSFER_L	The student transferred to being registered at another provider, and was in active higher education study in the same subject area at a lower level than their initial study three years and 14 days after their entry to higher education	(IPCONLEVEL_L contains IPCONQUAL_Y1 and IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPSBJ_CAH2_Y1 = IPSBJ_CAH2) or (IPUKPRNRC_Y1 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y1 and IPCONVALIDMODE_Y1 contains IPMODE_Y1 and IPCONACTIVE_Y1 = 1 and (IPACTENDDATE_Y1 = BLANK or IPACTENDDATE_Y1 - IPCOMDATE_Y1 ≥ 14) and IPSBJ_CAH2_Y1 = IPSBJ_CAH2) or (IPCONLEVEL_L contains IPCONQUAL_Y2 and IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPSBJ_CAH2_Y2 = IPSBJ_CAH2) or (IPUKPRNRC_Y2 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y2 and IPCONVALIDMODE_Y2 contains IPMODE_Y2 and IPCONACTIVE_Y2 = 1 and (IPACTENDDATE_Y2 = BLANK or IPACTENDDATE_Y2 - IPCOMDATE_Y2 ≥ 14) and IPSBJ_CAH2_Y2 = IPSBJ_CAH2)

Value	Description	Definition
		<p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPCONQUAL_Y3 and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p> <p>or</p> <p>(IPCOMDATE_Y3 ≤ IPCONCENSUS_Y3 and IPUKPRNRC_Y3 ≠ IPUKPRNRC and IPCONLEVEL_L contains IPLEVEL_Y3 and IPCONVALIDMODE_Y3 contains IPMODE_Y3 and IPCONACTIVE_Y3 = 1 and (IPACTENDDATE_Y3 = BLANK or (IPACTENDDATE_Y3 - IPCOMDATE_Y3 ≥ 14)) and IPSBJ_CAH2_Y3 = IPSBJ_CAH2)</p> <p>and not above</p>
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 in the same subject area three years and 14 days after their entry	Otherwise

List of abbreviations

AP	Alternative Provider
CAH	Common Aggregation Hierarchy
DLHE	Destination of Leavers from Higher Education
ESFA	Education and Skills Funding Agency
EU	European Union
FPE	Full-person equivalence
FSM	Free school meals
FTE	Full-time equivalence
HESA	Higher Education Statistics Agency
HNC	Higher National Certificate
HND	Higher National Diploma
ILR	Individualised Learner Record
IMD	Index of Multiple Deprivation
JACS	Joint Academic Coding System
LARS	Learning Aim Reference Service
LDCS	Learn Direct Class System
NPD	National Pupil Database
NVQ	National Vocational Qualification
OfS	Office for Students
ONC	Ordinary National Certificate
OND	Ordinary National Diploma
PGCE	Post Graduate Certificate in Education
POLAR4	Participation of Local Areas version 4
SQA	Scottish Qualifications Authority
TEF	Teaching Excellence and Student Outcomes Framework

UCAS Universities and Colleges Admissions Service

UKPRN UK Provider Reference Number



© The Office for Students copyright 2020

This publication is available under the Open Government Licence 3.0 except where it indicates that the copyright for images or text is owned elsewhere.

www.nationalarchives.gov.uk/doc/open-government-licence/version/3/