

Office for  
Students



**2017-18 ILR data  
checking tool:  
HEIFES17 comparison  
technical document**

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## Summary

1. This document describes the HEIFES17 comparison files generated by the 2017-18 ILR data checking tool and the algorithms used to generate the data needed to recreate HEIFES17 from 2017-18 ILR data.

2. The HEIFES17 comparison is formed of two files. These are:

- i. HEIFES17 comparison workbook 'HEF17\_DCT\_F100XXXXX.xlsx'.
- ii. HEIFES17 comparison individualised file 'HEF17\_DCT\_F100XXXXX\_IND.csv'.

Full details of how to access these files are given on the Office for Students website ([www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/](http://www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/))

3. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to have a copy of 'Specification of the Individualised Learner Record for 2017 to 2018' (available from the Education & Skills Funding Agency via <https://www.gov.uk/government/publications/ilr-specification-validation-rules-and-appendices-2017-to-2018>), 'HEIFES17: Higher Education in Further Education: Students Survey 2017-18' ([HEFCE 2017/18](#)) and the latest individualised files for the HEIFES16 comparison and the HEIFES15 re-creation to hand when using this document.

4. The Office for Students was established in April 2018. For the purpose of this document and its associated outputs the term 'fundable' refers to students who were HEFCE-fundable in 2017-18. From April 2017 these students became OfS-fundable.

### Changes from the HEIFES16 comparison

5. Additional fields or values added since the HEIFES16 comparison released as part of the 2016-17 ILR post-collection outputs are shown as **bold and underlined**.

6. The 'apprenticeships' section of Table 5 and the 'all years' section of Table 6 have been recreated, as they were in the 2016-17 ILR data checking tool. These were not included in the HEIFES16 comparison released as part of the 2016-17 ILR post-collection outputs. The **HEFAPPRENTICE** and **HEFSUBLEVEL** derived fields and **PARTNERUKPRN** ILR field have therefore been reintroduced to the individualised file and are included in this document.

7. The HEFHEALTHYEAR field has an additional value of '2017-18' to account for the second cohort of students on pre-registration nursing, midwifery and allied health courses that have been transferred. A new **HEFHEALTHPOP** field has been introduced to determine which students should be included on Table 7. Price groups have additional values for PRGB and PRGC1 to reflect the price group assignments of pre-registration nursing, midwifery and allied health professions in HEIFES17.

8. The 'all years' and 'new entrants' sections of Table 5, and the 'new entrants' section of Table 6 are now recreated using ILR data. The fields **HEFBROADLEVEL**, **HEFUG15**, **HEFUG16**, **HEFPGT15**, **HEFPGT16**, **HEFRESSTAT** and **HEFNEWENTRANT** have been introduced to the individualised file to allow for these sections to be recreated, and are included in this document.

### HEIFES17 comparison workbook 'HEF17\_DCT\_F100XXXXX.xlsx'

9. The HEIFES17 comparison is the Excel workbook HEF17\_DCT\_F100XXXXX.xlsx (where 100XXXXX is the UK Provider Reference Number (UKPRN) for the provider) which contains the following worksheets:

**Table 1: Worksheets in the HEIFES17 comparison workbook**

Worksheet*	Title
Information	Workbook information
Key differences	Key differences between HEIFES17 and HEIFES17 recreated using 2017-18 ILR data
Data quality	Data quality review areas
Rebuild information	Comparison of HEIFES17 data and the recreated HEIFES17 data with rebuild instructions
Courses	HEIFES17 recreation Courses table: Countable years of course between 1 August 2017 and 1 November 2017 at course level
1 Full-time	HEIFES17 recreation Table 1: Full-time counts of years of course
2 Sandwich	HEIFES17 recreation Table 2: Sandwich year out counts of years of course
3 Part-time	HEIFES17 recreation Table 3: Part-time counts of years of course and FTE
4 Year abroad	HEIFES17 recreation Table 4: Home and EU undergraduate years abroad
5 Planning	HEIFES17 recreation Table 5: Further student breakdowns for planning purposes
6 Subcontractual	HEIFES17 recreation Table 6: Years of course taught under subcontractual arrangements by other providers
7 Health	HEIFES17 recreation Table 7a: Full-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses Table 7b: Sandwich year out counts of years of course for 2016-17 starters on pre-registration health courses Table 7c: Part-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses
hCourses	HEIFES17 Courses table: Countable years of course between 1 August 2017 and 1 November 2017 at course level
h1 Full-time	HEIFES17 Table 1: Full-time counts of years of course
h2 Sandwich	HEIFES17 Table 2: Sandwich year out counts of years of course
h3 Part-time	HEIFES17 Table 3: Part-time counts of years of course and FTE
h4 Year abroad	HEIFES17 Table 4: Home and EU undergraduate years abroad
h5 Planning	HEIFES17 Table 5: Further student breakdowns for planning purposes
h6 Subcontractual	HEIFES17 Table 6: Years of course taught under subcontractual arrangements by other providers
h7 Health	HEIFES17 Table 7a: Full-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses Table 7b: Sandwich year out counts of years of course for 2016-17 starters on pre-registration health courses Table 7c: Part-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses
A Summary	2018-19 Grant tables Table A: 2018-19 Summary of teaching allocations
B High-cost	2018-19 Grant tables Table B: 2018-19 High-cost subject funding
C Student premium	2018-19 Grant tables Table C: 2018-19 Student premium allocations

Worksheet*	Title
D Erasmus+	2018-19 Grant tables Table D: 2018-19 Erasmus+ and overseas study programmes
E NMAH supplement	2018-19 Grant tables Table E: 2018-19 Nursing, midwifery and allied health supplement
F Other TAs	2018-19 Grant tables Table F: 2018-19 Other targeted allocations
G Parameters	2018-19 Grant tables Table G: 2018-19 Parameters in the funding models
Courses diff	Difference between HEIFES17 and HEIFES17 recreation Courses table: Countable years of course between 1 August 2017 and 1 November 2017 at course level
1 Full-time diff	Difference between HEIFES17 and HEIFES17 recreation Table 1: Full-time counts of years of course
2 Sandwich diff	Difference between HEIFES17 and HEIFES17 recreation Table 2: Sandwich year out counts of years of course
3 Part-time diff	Difference between HEIFES17 and HEIFES17 recreation Table 3: Part-time counts of years of course and FTE
4 Year abroad diff	Difference between HEIFES17 and HEIFES17 recreation Table 4: Home and EU undergraduate years abroad
5 Planning diff	Difference between HEIFES17 and HEIFES17 recreation Table 5: Further student breakdowns for planning purposes
6 Subcontractual diff	Difference between HEIFES17 and HEIFES17 recreation Table 6: Years of course taught under subcontractual arrangements by other providers
7 Health diff	Difference between HEIFES17 and HEIFES17 recreation Table 7a: Full-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses Table 7b: Sandwich year out counts of years of course for 2016-17 starters on pre-registration health courses Table 7c: Part-time counts of years of course for 2016-17 and 2017-18 starters on pre-registration health courses

\* This worksheet reference corresponds to the workbook tabs. Shading corresponds to the colour of the workbook tab.

10. The difference sheets (see worksheets ending in 'diff' in Table 1) will indicate where differences between the HEIFES17 recreation tables and HEIFES17 tables exceed a given threshold. The size of this threshold can be altered by entering the required value where indicated on the worksheets. These sheets are to assist providers in reconciling differences between HEIFES17 data and the HEIFES17 recreation data.

11. Providers are strongly encouraged to use the 'Rebuild information' in the HEF17\_DCT\_F100XXXXX.xlsx workbook which may highlight data quality issues relating to the ILR fields used in the HEIFES17 recreation algorithms.

### **HEIFES17 comparison individualised file 'HEF17\_DCT\_F100XXXXX\_IND.csv'**

12. When working through this document it is necessary to use the individualised file, HEF17\_DCT\_F100XXXXX\_IND.csv. This will show the allocation of students to cells within the tables and, where relevant, why they are excluded.

## 2017-18 ILR fields used to recreate the HEIFES17 tables

13. Only certain fields, detailed in Table 2, are used to generate the HEIFES17 recreation figures. Fields taken from the 2017-18 ILR return or derived as part of the recreation tables are shown in capitals using the names given in Tables 2 and 3 respectively.

**Table 2: Fields used in the recreation of HEIFES17**

Name	Description	Data source	Column in individualised file
AIMSEQNUMBER	Learning aim data set sequence	ILR	C
DOMICILE	Country of domicile	ILR	AP
FUNDCOMP	Completion of year of programme of study	ILR	AZ
FUNDLEV	Level applicable to HEIFES	ILR	BA
LEARNACTENDDATE	Learning actual end date	ILR	BZ
LEARNAIMREF	Learning aim reference	ILR	M
LEARNDELFAMCODE‡	The value of the funding or monitoring attribute	ILR	See Table 3
LEARNDELFAMTYPE‡	The type of funding or monitoring attribute	ILR	See Table 3
LEARNPLANENDDATE	Learning planned end date	ILR	BY
LEARNREFNUMBER	Learner reference number	ILR	B
LEARNSTARTDATE	Learning start date	ILR	BW
MODESTUD	Mode applicable to HEIFES	ILR	CA
NUMHUS	Student instance identifier	ILR	D
<b><u>PARTNERUKPRN</u></b>	UKPRN of provider in subcontractual arrangement	ILR	AJ
PCFLDCS	Proportion taught in LDCS_CO1 subject	ILR	BS
PCSLDCS	Proportion taught in LDCS_CO2 subject	ILR	BT
PCTLDCS	Proportion taught in LDCS_CO3 subject	ILR	BU
PROGTYPE	Type of programme	ILR	CB
PROVSPECLEARNMON†	Provider-specified learner data	ILR	See Table 3
PROVSPECLEARNMON OCCUR†	The occurrence of provider-specified learner data	ILR	See Table 3
SPECFEE	Special fee indicator	ILR	CD
STULOAD	Learner FTE	ILR	CE
TYPEYR	Type of programme year	ILR	CG
UKPRN	UK provider reference number	ILR	A
ULN	Unique learner number	ILR	E
AWARD_BO	Awarding body	LARS	AN
AWARD_BO_UKPRN	Awarding body UKPRN	LARS	AO
ENG_LEVE	England FE/HE status	LARS	AQ
LDCS_CO1	Learning directory classification system code 1	LARS	BP
LDCS_CO2	Learning directory classification system code 2	LARS	BQ
LDCS_CO3	Learning directory classification system code 3	LARS	BR

Name	Description	Data source	Column in individualised file
QUAL_TYP	Learning aim type	LARS	CC

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

‡ Only values of LEARNDELFAMCODE and consequently LEARNDELFAMTYPE that are required for the recreation of HEIFES17 are included in the individualised file.

## Description of derived fields for recreating tables

14. Table 3 gives details of the derived fields in the individualised file.

**Table 3: HEIFES17 recreation derived fields**

Derived field name	Description	Paragraph	Column in individualised file
ANNIV	Anniversary of start date	17	BX
EXCL1	Student not active in academic year	49	AR
EXCL2	Non-recognised HE qualification aim	50	AS
EXCL4	Student explicitly excluded from the HEIFES student population	51	AT
EXCL8	Student with an FTE of less than 0.03	52	AU
EXCL16	Student on non-standard year of programme of study in final academic year	53	AV
EXCL32	Students who withdrew before 2 November 2017 or left within 14 days of starting without completing	54	AW
EXCL64	No price group information and FTE of at least 0.03	55	AX
FDTEACH	Student on foundation degree teaching assistant course	44	AY
FTEB, FTEC1, FTEC2 and FTED	Proportion of FTE assigned to price group	48	Z - AC
HEFAPPRENTICE	Student is on an apprenticeship	61	AI
HEFAVRGFTE	Average FTE	39	BB
HEFAVRGFTEPOP	Whether the student is in the population for the calculation of HEFAVRGFTE	37	BC
HEFAVRGFTETYPE	Indicates the hierarchy of students that are used to inform the mean average	38	BD



Derived field name	Description	Paragraph	Column in individualised file
	FTE that is used to calculate HEFAVRGFTE		
HEFAWARD	Recognition of awarding body	19	BE
<b><u>HEFBROADLEVEL</u></b>	Broad level of study	25	BF
HEFCOMP	Completion status	35	T
HEFCRSELGTH	Number of years qualification aim expected to last	22	BK
HEFEC	Whether student has UK, EU or other domicile	30	BL
HEFESFTE	HEIFES FTE	42	Y
HEFEXCL	Reason(s) for exclusion from the HEIFES population	56	N
HEFFTE_CASE	Method used to calculate HEFFTE	41	BM
<b><u>HEFHEALTHPOP</u></b>	Indicates whether year of instance is included in the count of Table 7	63	AK
HEFHEALTHPROF	States the nursing, midwifery or allied health profession that the student is studying towards	43	AL
HEFHEALTHYEAR	States the academic year that the student started their studies	62	AM
HEFLEVEL	Level of study	23	P
HEFMODE	Mode of study	21	O
<b><u>HEFNEWENTRANT</u></b>	Whether the student is a new entrant	60	AH
HEFOVER	Primary derived field(s) being overwritten	64	BN
<b><u>HEFPGT15</u></b>	Number of postgraduate years of course in 2015-16 ILR	29	BI
<b><u>HEFPGT16</u></b>	Number of postgraduate years of course in 2016-17 ILR	27	BJ
HEFQAIM	Recognised HE qualification aim	20	BO
HEFREG	HEIFES Column 1 or 2 indicator	36	S
<b><u>HEFRESSTAT</u></b>	Fundability and residential status	33	AF
HEFSUBLEVEL	Sub-level of study	24	AG
HEFTYPE	Fundability status	32	Q
<b><u>HEFUG15</u></b>	Number of undergraduate years of course in 2015-16 ILR	28	BG

Derived field name	Description	Paragraph	Column in individualised file
<b>HEFUG16</b>	Number of undergraduate years of course in 2016-17 ILR	26	BH
HEFYAPOP	Indicates whether year of instance is included in the count of Table 4: Home and EU undergraduate years abroad	59	AD
HEFYATYPE	Type of fee charged to students spending a whole year abroad	58	AE
LEARNDEL FAM_SOF1	Source of funding	31	BV
LENGTH	Long or standard year length	34	R
TTCID	Student is on an Initial Teacher Training (ITT) course	45	CF
PRGB, PRGC1, PRGC2 and PRGD	Proportion of countable year in price group	46	U - X
PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D	Provider-specified learning aim data	16	I - L
PROVSPECLEARNMON_A, PROVSPECLEARNMON_B	Provider-specified learner data	15	G - H
STUBID	Unique year of programme of study	18	F

## PROVSPECLEARNMON\_A, PROVSPECLEARNMON\_B

15. These fields contain the value of PROVSPECLEARNMON where PROVSPECLEARNMONOCCUR = A or B respectively.

## PROVSPECDELMON\_A, PROVSPECDELMON\_B, PROVSPECDELMON\_C, PROVSPECDELMON\_D

16. These fields contain the value of PROVSPECDELMON where PROVSPECDELMONOCCUR = A, B, C or D respectively.

## ANNIV

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

## STUBID

18. This field identifies years of programme of study when used in conjunction with UKPRN, LEARNREFNUMBER, and AIMSEQNUMBER. Where there are two years of programme of study within a single academic year we create two records in the individualised file. This can happen where the student undertakes activity both before and after the anniversary of their commencement date and has not undertaken activity in the year of programme of study in the previous academic year. These records are distinguished using STUBID.

Value	Description	Definition
1	First year of programme of study	Provider specific override
2	Second year of programme of study	Provider specific override
0	One year of programme of study	Otherwise

## HEFAWARD

19. This field indicates if the awarding body is 'recognised' according to HEIFES definitions.

Value	Description	Definition
DEGREE	Provider has degree awarding powers	AWARD_BO_UKPRN = 10000163, 10000291, 10000385, 10000571, 10000712 10000824, 10000886, 10000936, 10000961, 10000975 10001143, 10001282, 10001478, 10001726, 10001883 10002718, <u>10002919</u> , 10003270, 10003324, 10003331 10003614, 10003645, 10003678, 10003854, 10003861 10003863, 10003956, 10003957, <u>10003958</u> , 10004048 10004063, 10004078, 10004113, 10004180, 10004351 10004775, 10004599, 10004797, 10004930, 10005337 10005343, <u>10005389</u> , 10005451, 10005500, 10005523 10005545, 10005553, 10005561, 10005790, 10006022 10006299, 10006427, 10006566, 10006840, 10006841 10006842, 10007114, 10007137, 10007138, 10007139 10007140, 10007141, 10007143, 10007144, 10007145 10007146, 10007147, 10007148, 10007149, 10007150 10007151, 10007152, 10007154, 10007155, 10007156

Value	Description	Definition
		10007157, 10007158, 10007159, 10007160, 10007161 10007162, 10007163, 10007164, 10007165, 10007166 10007167, 10007657, 10007713, 10007759, 10007760 10007761, 10007762, 10007764, 10007765, 10007766 10007767, 10007768, 10007769, 10007771, 10007772 10007773, 10007774, 10007775, 10007776, 10007777 10007778, 10007779, 10007780, 10007782, 10007783 10007784, 10007785, 10007786, 10007787, 10007788 10007789, 10007790, 10007791, 10007792, 10007793 10007794, 10007795, 10007796, 10007797, 10007798 10007799, 10007800, 10007801, 10007802, 10007803 10007804, 10007805, 10007806, 10007807, 10007811 10007814, 10007816, 10007822, 10007823, 10007825 10007832, 10007833, 10007835, 10007836, 10007837 10007842, 10007843, 10007848, 10007849, 10007850 10007851, 10007852, 10007854, 10007855, 10007856 10007857, 10007858, 10008017, 10008173, 10008289 10008574, 10008640, 10008899, 10014001, 10031982 10037449, 10039956, 10040812, 10046789
FOUDEG	Provider has foundation degree awarding powers only	AWARD_BO_UKPRN = 10000754, 10003200, 10004576, 10004603, 10007859, 10007938
HN	Bodies with HNC and HND awarding powers only	AWARD_BO = SQA or AWARD_BO_UKPRN = 10022490
OTHER	Otherwise	Otherwise

## HEFQAIM

20. This field allocates qualification aims to broad recognised HE qualification types.

Value	Description	Definition
FIRST	First degree	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 0394, 1407, 1409, 1462, 6002, 9000, 9002, 9107, E007
ENHANCED	Enhanced first degree	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 6003
MASTER	Masters	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 0393, 1410, 1463, 1464, 2001, 9101, 9109, 9114
HIGHER	Higher degree	Provider specific override
DIPHE	DipHE	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 9112
PGCE	PGCE and other postgraduate ITT	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 6004, 9103, 9115
CERTED	CertEd	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 1465, 9111
FOUDEG	Foundation degree	ENG_LEVE = H and HEFAWARD = DEGREE, FOUDEG and QUAL_TYP = 9110
FDBC	Foundation degree bridging course	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 6001
DTLLS	Diploma in teaching in the lifelong learning sector	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 1449
DET	Diploma in Education and Training	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 1458
PGDIP	Postgraduate diploma	ENG_LEVE = H and HEFAWARD = DEGREE and QUAL_TYP = 0125
HNC	HNC	ENG_LEVE = H and HEFAWARD = DEGREE, HN and QUAL_TYP = 0031
HND	HND	ENG_LEVE = H and HEFAWARD = DEGREE, HN and QUAL_TYP = 0032, 1454
UGOTHER	Other undergraduate	Provider specific approvals for inclusion as recognised HE in HEIFES (undergraduate)

Value	Description	Definition
PGOTHER	Other postgraduate	Provider specific approvals for inclusion as recognised HE in HEIFES (postgraduate)
OTHER	Other qualifications	Otherwise

## HEFMODE

21. This field allocates students to mode of study.

Value	Description	Definition
PT	Part-time	MODESTUD = 3 or HEFQAIM = FDBC
FTS	Full-time	MODESTUD = 1 and not above
SWOUT	Sandwich year out	MODESTUD = 2 and not above

## HEFCRSELGTH

22. This field contains the expected length of the course in whole numbers of years, calculated from the difference between LEARNSTARTDATE and LEARNPLANENDDATE. Expected course lengths that contain a fraction of a year that exceeds two weeks are rounded up to the next whole year. Otherwise the value is rounded down to the nearest whole number of years. For example, an expected length of course that is one year and three weeks will be rounded up to two years. An expected length of course that is one year and one week will be rounded down to one year.

## HEFLEVEL

23. This field allocates students to level of study.

Value	Description	Definition
UG	Undergraduate	FUNDLEV = 10, 11
PGT_UGF	Postgraduate taught and eligible under the undergraduate student support regime	FUNDLEV = 20, 21 and SPECFEE ≠ 9, BLANK and HEFQAIM = CERTED, DTLLS, DET, PGCE
PGT_ML	Postgraduate taught courses which are eligible for student finance support	FUNDLEV = 20, 21, 30, 31 and HEFQAIM = MASTER, HIGHER and ((HEFMODE = FTS, SWOUT and HEFCRSELGTH = 1, 2) or (HEFMODE = PT and HEFCRSELGTH = 1, 2, 3, 4))
PGT_OTH	Postgraduate taught courses that do not fall under the previous two categories	FUNDLEV = 20, 21, 30, 31 and not above

## **HEFSUBLEVEL**

24. This field indicates a finer breakdown of HEFLEVEL for the purpose of Table 5.

Value	Description	Definition
HND	HND	HEFLEVEL = UG and HEFQAIM = HND
SUB	Sub-degree (excluding HND)	HEFLEVEL = UG and HEFQAIM = HNC, DIPHE, CERTED, DTLLS, DET
FD	Foundation Degree	HEFLEVEL = UG and HEFQAIM = FOUDEG
OTH_UG	Other UG degree	HEFLEVEL = UG and not above
PGT_UGF	Postgraduate taught and eligible under the undergraduate student support regime	HEFLEVEL = PGT_UGF
PGT_ML	Postgraduate taught courses which are eligible for student finance support	HEFLEVEL = PGT_ML
PGT_OTH	Postgraduate taught courses that do not fall under the previous two categories	HEFLEVEL = PGT_OTH

## **HEFBROADLEVEL**

25. This field shows the broad level of study for the purpose of defining new entrant status.

Value	Description	Definition
UG	Undergraduate	HEFLEVEL = UG
PGT	Postgraduate taught	HEFLEVEL = PGT_UGF, PGT_ML, PGT_OTH

## **HEFUG16**

26. This field shows the number of years of course associated with the UKPRN and LEARNREFNUMBER in the 2016-17 ILR, where the value of HEFLEVEL for 2016-17 = UG. If no 2016-17 ILR data is available for the provider, this field will be blank.

## **HEFPGT16**

27. This field shows the number of years of course associated with the UKPRN and LEARNREFNUMBER in the 2016-17 ILR, where the value of HEFLEVEL for 2016-17 = PGT\_UGF, PGT\_ML, PGT\_OTH. If no 2016-17 ILR data is available for the provider, this field will be blank.

## **HEFUG15**

28. This field shows the number of years of course associated with the UKPRN and LEARNREFNUMBER in the 2015-16 ILR, where the value of HEFLEVEL for 2015-16 = UG. If no 2015-16 ILR data is available for the provider, this field will be blank.

## **HEFPGT15**

29. This field shows the number of years of course associated with the UKPRN and LEARNREFNUMBER in the 2015-16 ILR, where the value of HEFLEVEL for 2015-16 = PGT\_UGF, PGT. If no 2015-16 ILR data is available for the provider, this field will be blank.

## HEFEC

30. This field indicates whether a student has a UK, other Home and EU, or other domicile.

Value	Description	Definition
UK	UK-domiciled	DOMICILE = XF, XG, XH, XI, XK
OEU	Other Home and EU domiciled	DOMICILE = AI, AN, AT, AW, AX, BE, BG, BL, BM, BQ, CH, CW, CZ, DE, DK, EE, ES, EU, FI, FK, FO, FR, GF, GI, GL, GP, GR, GS, HR, HU, IC, IE, 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, VG, WF, XA, YT
OTHER	Otherwise	Otherwise

## LEARNDELFAM\_SOF1

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

## HEFTYPE

32. This field allocates students to the three categories of fundability and residential status.

Value	Description	Definition
HOMEF	Home and EU fundable	LEARNDELFAM_SOF1 = 1 or (HEFEC = UK, OEU and FUNDLEV ≠ 30, 31 and LEARNDELFAM_SOF1 = 105 and PROGTYPE = 20, 21, 22, 23, 25)
HOMENF	Home and EU non-fundable	HEFEC = UK, OEU and LEARNDELFAM_SOF1 ≠ 1 and not above
ISOV	Island and overseas	Otherwise

## HEFRESSTAT

33. This field allocates students to the five categories of fundability and residential status.

Value	Description	Definition
HOMEF_UK	Home and EU fundable, UK-domiciled	HEFTYPE = HOMEF and HEFEC = UK
HOMEF_OTH	Home and EU fundable, Other Home and EU domiciled	HEFTYPE = HOMEF and HEFEC = OEU, OTHER
HOMENF_UK	Home and EU non-fundable, UK-domiciled	HEFTYPE = HOMENF and HEFEC = UK
HOMENF_OTH	Home and EU non-fundable, Other Home and EU domiciled	HEFTYPE = HOMENF and HEFEC = OEU, OTHER
ISOV	Island and overseas	Otherwise

## LENGTH

34. This field indicates whether the student is on a standard or long year of programme of study.

Value	Description	Definition
L	Long	FUNDLEV = 11, 21, 31
S	Standard	Otherwise



## HEFCOMP

35. This field assigns students to Column 3 or 4 of Tables 1 to 3 of the HEIFES recreation.

Value	Description	Definition
3	Column 3 student	FUNDCOMP = 2
4	Column 4 student	Otherwise

## HEFREG

36. This field assigns students to Column 1 or 2 of Tables 1 to 3 of the HEIFES recreation.

Value	Description	Definition
1	Column 1 student	ANNIV < 2 November 2017
2	Column 2 student	Otherwise

## HEFAVRGFTEPOP

37. The 2017-18 average FTE population is defined as follows:

Value	Description	Definition
1	In the 2017-18 average FTE population	TYPEYR ≠ 1 and LEARNSTARTDATE < 1 August 2017 and LEARNACTENDDATE = BLANK and FUNDCOMP ≠ 9, BLANK and MODESTUD ≠ 99, BLANK and FUNDALEV ≠ 99, BLANK and STULOAD ≠ BLANK and HEFQAIM ≠ OTHER and HEFCOMP ≠ 3 and HEFMODE = PT.
0	Otherwise	Otherwise

## HEFAVRGFTETYPE

38. This field identifies the level at which HEFAVRGFTE is calculated for the student.

Value	Description
1	10 or more students in the 2017-18 average FTE population (HEFAVRGFTEPOP = 1) match the student over provider (UKPRN), recognised HE qualification aim (HEFQAIM), HEIFES mode (HEFMODE) and expected length of the course in years (HEFCRSELGTH)
2	10 or more students in the 2017-18 average FTE population (HEFAVRGFTEPOP = 1) match the student over provider (UKPRN), recognised HE qualification aim (HEFQAIM) and not above
3	10 or more students in the 2017-18 average FTE population (HEFAVRGFTEPOP = 1) match the student over provider (UKPRN) and level of study (HEFLEVEL) and not above
4	Level of study (HEFLEVEL) in the 2016-17 average FTE population across all providers and not above

The 2016-17 average FTE population is defined as follows:

2016-17 TYPEYR ≠ 1 and  
2016-17 LEARNSTARTDATE < 1 August 2016 and  
2016-17 HEFEXCL = 0 and  
2016-17 HEFCOMP ≠ 3 and  
2016-17 HEFMODE = PT.

## HEFAVRGFTE

39. This field gives the average FTE for the population identified in HEFAVRGFTE TYPE. This field is only completed for students on non-standard years of programme of study (TYPEYR ≠ 1).

### Example

40. A provider only has 46 students in the 2017-18 average FTE population.

2017-18 UKPRN	2017-18 HEFQAIM	2017-18 HEFMODE	2017-18 HEFCRSELGTH	TOTAL
10000000	FIRST	PT	1	25
10000000	FIRST	PT	2	9
10000000	FIRST	PT	3	12

For a student at this provider with HEFQAIM = FIRST, HEFMODE = PT and HEFCRSELGTH = 1, HEFAVRGFTE TYPE would be 1 as there are more than 9 students in the average FTE population that match on HEFQAIM, HEFMODE and HEFCRSELGTH.

For a student at this provider with HEFQAIM = FIRST, HEFMODE = PT and HEFCRSELGTH = 2, HEFAVRGFTE TYPE would be 2 as there are fewer than 10 students in the 2017-18 average FTE population that match on HEFQAIM, HEFMODE and HEFCRSELGTH, but there are at least 10 (46) that match on HEFQAIM alone.

## HEFFTE\_CASE

41. For part-time years of programme of study, the method used to calculate HEFESFTE is dependent on the following factors:

- a. Number of years of programme of study generated in the HEIFES recreation.
- b. Whether the year of programme of study in the current academic year is standard or non-standard.
- c. Whether the year of programme of study in the previous academic year was standard or non-standard.
- d. Whether the programme of study started in the current academic year.

The table below shows how we identify different cases of FTE calculation.

Value	Description	Definition
0	Standard year of programme of study	STUBID = 0 and TYPEYR = 1
1	Non-standard year of programme of study and the programme starts in the current academic year	STUBID = 0 and TYPEYR = 2, 3 and LEARNSTARTDATE > 31 July 2017
2	Non-standard year of programme of study and the programme of study does not start in the current academic year	STUBID = 0 and TYPEYR = 2, 4, 5 and LEARNSTARTDATE < 1 August 2017
When two countable years of programme of study are generated:		
3a	First countable year of programme of study	STUBID = 1
3b	Second countable year of programme of study	STUBID = 2

## HEFESFTE

42. This field contains the FTE we assume for the year of programme of study.

Value*	Definition
100	HEFMODE = FTS
50	HEFMODE = SWOUT
30	HEFQAIM = FDBC
STULOAD	HEFFTE_CASE = 0 and not above
HEFAVRGFTE	HEFFTE_CASE = 1 and not above
STULOAD	HEFFTE_CASE = 2 and not above
Provider specific override	HEFFTE_CASE = 3a
Provider specific override	HEFFTE_CASE = 3b

\*HEFESFTE is capped at 100. HEFESFTE will be set to 0 if HEFESFTE is blank.

## HEFHEALTHPROF

43. This field identifies which pre-registration nursing, midwifery and allied health profession the student is recorded against.

Value	Description	Definition
DENHYG	Dental hygiene	Provider specific algorithm
DENTHE	Dental therapy	Provider specific algorithm
DIETET	Dietetics	Provider specific algorithm
MIDWIF	Midwifery	Provider specific algorithm
NURSAD	Nursing – adult	Provider specific algorithm
NURSCH	Nursing – children	Provider specific algorithm
NURSLD	Nursing – learning disability	Provider specific algorithm
NURSMH	Nursing – mental health	Provider specific algorithm
NURSUN	Nursing – unclassified	Provider specific algorithm
OCCTHE	Occupational therapy	Provider specific algorithm
OPDEPT	Operating department practice	Provider specific algorithm
ORTHOP	Orthoptics	Provider specific algorithm
ORTPRO	Orthotics and prosthetics	Provider specific algorithm
PHYSIO	Physiotherapy	Provider specific algorithm
PODCHI	Podiatry and chiropody	Provider specific algorithm
RADDIA	Radiography (diagnostic)	Provider specific algorithm
RADTHE	Radiography (therapeutic)	Provider specific algorithm
SPELAN	Speech and language therapy	Provider specific algorithm
BLANK	Not a nursing, midwifery and allied health profession	Otherwise

## FDTEACH

44. This field identifies students on foundation degrees for teaching assistants awarded as an additional student number bid, or otherwise agreed by HEFCE or the Office for Students.

Value	Description	Definition
1	Foundation degree teaching assistant	Provider specific algorithm
0	Otherwise	Otherwise

## TTCID

45. This field indicates whether the student is on an Initial Teacher Training (ITT) course.

Value	Description	Definition
1	Student is on an ITT course	Provider specific algorithm
0	Otherwise	Otherwise

## PRGB, PRGC1, PRGC2 and PRGD

46. Price groups are generally assigned by mapping the three LearnDirect Classification System (LDCS) fields, LDCS\_CO1 - LDCS\_CO3, to price groups as indicated in the table below.

Field name	Definition	Value
PRGC2	FDTEACH = 1 or TTCID = 1 or HEFMODE = SWOUT or HEFQAIM = CERTED, DTLLS, DET, PGCE	1
<b>PRGB</b>	<b><u>HEFHEALTHPROF = DIETET, MIDWIF, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA, RADTHE, SPELAN and not row 1 above</u></b>	<b>1</b>
<b>PRGC1</b>	<b><u>HEFHEALTHPROF = NURRAD, NURSCH, NURSLD, NURSMH, NURSUN and not row 1 above</u></b>	<b>1</b>
PRGB	LDCS_CO1/2/3 = PB, PC.1, PC.5, PE.6, PE.7, PF.1, PF.2, PG.1, PG.2, QA.3, QH.6, R (except RA.3, RA.5, RA.6, RB, RF.4, RG), S (except SE, SJ.5, SM, SN.3, SN.4, SN.6, SP, SQ), TK, TL, TM, VE, VF.4, VG, WA, WB, WC, WD, WE, WG, X (except XA.13, XA.32, XN, XS), Y and not row 1 to 3 above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGC1	LDCS_CO1/2/3 = C, DC, J (except JA.22, JA.23, JA.32, JA.33, JA.34, JA.5, JA.7, JA.8, JD, JE), K (except KB, KC), L (except LF, LG), SE, VF.1, VF.2, VF.3, VF.5, VF.6, W (except WA, WB, WC, WD, WE, WG, WM) and not row 1 to 3 above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGC2	LDCS_CO1/2/3 = FN.1, FN.3, FN.4, FN.5, FN.7, FN.8, FN.9, M, N (except NG, NK, NN), P (except PA, PB, PC.1, PC.5, PE.6, PE.7, PF.1, PF.2, PG.1, PG.2), Q (except QA.3, QB, QH, QJ), RA.3, RA.5, RA.6, RB, RF.4, RG, SN.3, SN.4, SN.6, SQ, T (except TC.44, TC.5, TC.6, TF, TK, TL, TM), WM, XA.13, XA.32, XN, XS, Z (except ZX.3, ZX.4, ZX.5) and not row 1 to 3 above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGD	LDCS_CO1/2/3 = A, B, D (except DC), E, F (except FN.1, FN.3, FN.4, FN.5, FN.7, FN.8, FN.9), G, H, JA.22, JA.23, JA.32, JA.33, JA.34, JA.5, JA.7, JA.8, JD, JE, KB, KC, LF, LG, NG, NK, NN, PA, QB, QH (except QH.6), QJ, SJ.5, SM, SP, TC.44, TC.5, TC.6, TF, U, V (except VE, VF.1, VF.2, VF.3, VF.4, VF.5, VF.6, VG), ZX.3, ZX.4, ZX.5 and not row 1 to 3 above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100

47. In some cases the sum of PRGB, PRGC1, PRGC2 and PRGD may not equal one. In these cases we scale them so that their sum is one.

## FTEB, FTEC1, FTEC2 and FTED

48. These fields contain the FTE assigned to each price group.

Value	Definition
FTEB	PRGB × HEFESFTE
FTEC1	PRGC1 × HEFESFTE
FTEC2	PRGC2 × HEFESFTE
FTED	PRGD × HEFESFTE

## EXCL1

49. This field indicates students excluded due to non-activity in the academic year.

Value	Description	Definition
1	Not active in academic year	LEARNACTENDDATE ≠ BLANK and LEARNACTENDDATE < 1 August 2017
0	Otherwise	Otherwise

## EXCL2

50. This field indicates students excluded because they are studying for a non-recognised HE qualification aim.

Value	Description	Definition
1	Non-recognised HE qualification aim	HEFQAIM = OTHER
0	Otherwise	Otherwise

## EXCL4

51. This field indicates students explicitly excluded by the provider as 'Not in HEIFES population'.

Value	Description	Definition
1	Student explicitly excluded from the HEIFES student population	FUNDCOMP = 9, BLANK or FUNDEV = 99, BLANK or MODESTUD = 99, BLANK
0	Otherwise	Otherwise

## EXCL8

52. This field indicates students with an FTE of less than 0.03.

Value	Description	Definition
1	Students with an FTE of less than 0.03	STULOAD = 0, BLANK or HEFESFTE < 3
0	Otherwise	Otherwise

## EXCL16

53. This field indicates students on non-standard years of programme of study in their final academic year.

Value	Description	Definition
1	Students on non-standard years in final academic year	TYPEYR $\neq$ 1 and LEARNACTENDDATE $\neq$ BLANK and LEARNACTENDDATE < ANNIV + 14
0	Otherwise	Otherwise

## EXCL32

54. This field indicates whether a student was excluded because they withdrew before 2 November 2017 or left within 14 days of starting without completing.

Value	Description	Definition
1	Students who withdrew before 2 November 2017 or left within 14 days of starting without completing	FUNDCOMP = 2 and LEARNACTENDDATE $\neq$ BLANK and (LEARNACTENDDATE < 2 November 2017 or LEARNACTENDDATE – LEARNSTARTDATE < 14)
0	Otherwise	Otherwise

## EXCL64

55. This field indicates where the student has an FTE of at least 3% but does not have any price group information.

Value	Description	Definition
1	No price group information and FTE of at least 0.03	HEFESFTE $\geq$ 3 and STULOAD $\neq$ BLANK and (PRGB + PRGC1 + PRGC2 + PRGD = 0)
0	Otherwise	Otherwise

## HEFEXCL

56. This field indicates whether the student will be included in the HEIFES recreation. For students excluded from the recreation, HEFEXCL contains the sum of all applicable values from the table below. Students included in the recreation have HEFEXCL = 0.

Value	Description	Definition
1	Student not active in academic year	EXCL1 = 1
2	Non-recognised HE qualification aim	EXCL2 = 1
4	Student explicitly excluded from the HEIFES student population	EXCL4 = 1
8	Student with an FTE of less than 0.03	EXCL8 = 1
16	Student on non-standard year of programme of study in final academic year	EXCL16 = 1
32	Students who withdrew before 2 November 2017 or left within 14 days of starting without completing	EXCL32 = 1
64	No price group information and FTE of at least 0.03	EXCL64 = 1
0	Otherwise	None of the above

57. This field contains the exclusion reason(s) for the student. It is calculated as  $(1 \times \text{EXCL1}) + (2 \times \text{EXCL2}) + \dots + (64 \times \text{EXCL64})$ . The reason(s) which contribute to the exclusion of a student can therefore be calculated. For example, if HEFEXCL = 13, by subtracting figures from the above table starting at the bottom, we see that the student has an FTE of less than 0.03 (EXCL8 = 1), is explicitly excluded from the HEIFES student population (EXCL4 = 1) and is not active in the academic year (EXCL1 = 1).

### HEFYATYPE

58. This field identifies Erasmus+ years abroad.

Value	Description	Definition
ERASMUS	Outgoing Erasmus+ year abroad	SPECFEE = 3
OTHER	Otherwise	Otherwise

### HEFYAPOP

59. This field indicates if the year of programme of study is included in the count of years abroad included in Table 4.

Value	Description	Definition
1	Student on year abroad	HEFEXCL = 0 and HEFLEVEL = UG and HEFMODE = FTS, SWOUT and HEFTYPE $\neq$ ISOV and SPECFEE = 2, 3
0	Otherwise	Otherwise

### HEFNEWENTRANT

60. This field indicates whether a student is a new entrant. Where a student starts more than one countable years of course at the same broad level in the same academic year and could be considered as a new entrant for each countable year, they will be recorded as a new entrant for only one. If one such countable year has an earlier start date than the others the student will be recorded as a new entrant for that countable year.

Value	Description	Definition
1	Student first generates a countable year of course and has not been active at the same broad level at the registered provider in either of the two previous academic years	LEARNSTARTDATE > 31 July 2017 and ((HEFBROADLEVEL = UG and HEFUG16 = 0, BLANK and HEFUG15 = 0, BLANK) or (HEFBROADLEVEL = PGT and HEFPGT16 = 0, BLANK and HEFPGT15 = 0, BLANK))
0	Otherwise	Otherwise



## HEFAPPRENTICE

61. This field flags whether the learning aim is part of a Higher or Degree Apprenticeship.

Value	Description	Definition
1	Learning aim may be part of a Higher or Degree Apprenticeship	PROGTYPE = 20, 21, 22, 23, 25
0	Otherwise	Otherwise

## HEFHEALTHYEAR

62. This field identifies the academic year in which the student started their course for the purpose of Table 7.

Value	Description	Definition
<u>2017-18</u>	<u>Student started in 2017-18 academic year</u>	<u>LEARNSTARTDATE &gt; 31 July 2017 and LEARNSTARTDATE &lt; 1 August 2018</u>
2016-17	Student started in 2016-17 academic year	LEARNSTARTDATE > 31 July 2016 and LEARNSTARTDATE < 1 August 2017
OTHER	Otherwise	Otherwise

## HEFHEALTHPOP

63. This field indicates if the year of course is included in the population of Table 7 for pre-registration nursing, midwifery and allied health professions.

Value	Description	Definition
1	Year of course included in Table 7	HEFEXCL = 0 and ((HEFHEALTHYEAR = 2016-17 and HEFLEVEL = UG and ((HEFHEALTHPROF = OCCTHE, OPDEPT, ORTHOP, PHYSIO, RADDIA, RADTHE and HEFTYPE = HOMEF) or (HEFHEALTHPROF ≠ DENHYG, DENTHE, BLANK and HEFTYPE = HOMENF))) or (HEFHEALTHYEAR = 2017-18 and (HEFLEVEL = UG and ((HEFHEALTHPROF ≠ BLANK and HEFTYPE = HOMEF) or (HEFHEALTHPROF = DENHYG, DENTHE and HEFTYPE = HOMENF))) or (HEFLEVEL = PGT_ML, PGT_OTH and ((HEFHEALTHPROF = OCCTHE, OPDEPT, ORTHOP, PHYSIO, RADDIA, RADTHE and HEFTYPE = HOMEF) or (HEFHEALTHPROF ≠ DENHYG, DENTHE, BLANK and HEFTYPE = HOMENF))))))
0	Otherwise	Otherwise

## HEFOVER

64. This field indicates the primary derived field(s) that have been overridden for the student. For example, if HEFOVER = 11, by subtracting figures from the following table starting at the bottom, we see that the student has had overrides for HEFCOMP (HEFOVER = 8), HEFMODE (HEFOVER = 2) and HEFEXCL (HEFOVER = 1) applied.

Value	Description
1	Override to HEFEXCL
2	Override to HEFMODE
4	Override to HEFREG
8	Override to HEFCOMP
16	Override to HEFTYPE
32	Overrides to PRGB, PRGC1, PRGC2 and PRGD
64	Override to LENGTH
128	Override to HEFLEVEL
256	Override to HEFESFTE
1024	Override to HEFQAIM
2048	Override to HEFYAPOP
4096	Override to HEFYATYPE



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