2020-21 Individualised Learner Record (ILR) data checking tool

HESES20 comparison technical document

Contents

Summary

1. This document describes the Higher Education Students Early Statistics Survey 2020-21 (HESES20) comparison files generated by the 2020-21 Individualised Learner Record (ILR) data checking tool and the algorithms used to generate the data needed to recreate HESES20 from 2020-21 ILR data. Throughout the document, fields taken or derived from the ILR record are shown in capitals.

2. The HESES20 comparison outputs can be used by higher education providers to verify and correct their 2020-21 individualised student data before submitting the final data to the Education and Skills Funding Agency (ESFA).

3. The HESES20 comparison is formed of two files. These are:

   a. HESES20 comparison workbook 'HES20_DCT_XXXXXXXX.xlsx' (where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider).

   b. HESES20 comparison individualised file 'HES20_DCT_XXXXXXXX_IND.csv'.

   Details of how to use individualised files are given on the Office for Students (OfS) website at: (www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/)

4. These files can be accessed from the '2020-21 Data checking tool' area of the OfS portal. Access details will be sent to the appropriate contacts at providers when the data checking tool is available.

5. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to refer to 'Specification of the Individualised Learner Record for 2020 to 2021' (available from the Education and Skills Funding Agency at https://guidance.submit-learner-data.service.gov.uk/previous/20-21/ilr), 'HESES20 – Higher Education Students Early Statistics survey 2020-21' (www.officeforstudents.org.uk/publications/heses20/) and the latest individualised files for the HESES19 comparison and the HEIFES18 comparison when using this document.

6. We will document any changes or corrections to the algorithms in this document on the OfS website (https://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2020-21-ilr-data-checking-tool/ under 'Updates').

Changes from the 2019-20 post-collection outputs

7. This section describes any changes to the algorithms since the equivalent was published for the 2019-20 algorithms in '2019-20 ILR post-collection outputs: HESES19 comparison technical document' available from the post-collection outputs pages (www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/ilr-post-collection-outputs/). The majority of the changes are to reflect the fact that the exceptional guidance on the return of FUNDCOMP for 2019-20 is not applicable for 2020-21, and that algorithms are therefore reverting to the approach used in 2018-19.

8. Any deletions are shown with a ~~strikethrough~~. Any other changes are shown as **bold and underlined**.

HESNCOMPLEVEL_Y, HESNCOMPRATE_Y, HESNCOMPLEVEL_Z, HESNCOMPRATE_Z, HESCOL3_PROF, HESCOL3_Y, HESCOL3, HESCOL4_PROF, HESCOL4_Y, HESCOL4, HESCOL4A

9. These fields have been removed as FUNDCOMP can be used in 2020-21 to assign years of instance to Column 3 or Column 4.

HESCOMP

10. This field has been reintroduced to assign years of instance to Column 3 or Column 4.

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

HESAVRGFTEPOP

11. This field has been updated to use the reinstated HESCOMP.

Value	Description	Definition
1	In the 2020-21 average FTE population	TYPEYR ≠ 1 and LEARNSTARTDATE < 1 August **2020** and LEARNACTENDDATE = BLANK and FUNDCOMP ≠ 9, BLANK and MODESTUD ≠ 99, BLANK and FUNDLEV ≠ 99, BLANK and STULOAD ≠ BLANK and OFSFUNDAIM = 1 and **HESCOMP ≠ 3 and** HESMODE = PT
0	Otherwise	Otherwise

HESFTE_CASE

12. This field has been updated to reflect the removal of values 3, 4 and 5 from the TYPEYR field.

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 **2020**
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 **2020**
When two countable years of programme of study are generated:		
3a	First countable year of programme of study	STUBID = 1

Value	Description	Definition
3b	Second countable year of programme of study	STUBID = 2

FTEA, FTEB, FTEC1, FTEC2, FTED

13. These fields have been updated to use PRGA, PRGB, PRGC1, PRGC2 and PRGD instead of HESCOL4_A, HESCOL4_B, HESCOL4_C1, HESCOL4_C2 and HESCOL4_D now that those fields have been removed.

Field name	Value
FTEA	**PRGA** x HESESFTE
FTEB	**PRGB** x HESESFTE
FTEC1	**PRGC1** x HESESFTE
FTEC2	**PRGC2** x HESESFTE
FTED	**PRGD** x HESESFTE

EXCL32

14. This field has reverted to using FUNDCOMP rather than COMPSTATUS to identify students who did not complete their year of instance, and updated to use COMPSTATUS to identify students who have temporarily withdrawn from the aim due to an agreed break in learning.

Value	Description	Definition
1	Students who withdrew before 2 November 2020 or left within 14 days of starting the instance without completing	**FUNDCOMP = 2 and** **COMPSTATUS ≠ 6 and** LEARNACTENDDATE ≠ BLANK and (LEARNACTENDDATE < 2 November **2020** or LEARNACTENDDATE – LEARNSTARTDATE < 14)
0	Otherwise	Otherwise

HESHEALTHYEAR

15. This field has been updated to reflect changes in Tables 6a-c in HESES20.

Value	Description	Definition
2020-21	**Student started in the 2020-21 academic year**	**COMDATE > 31 July 2020 and** **COMDATE < 1 August 2021**
~~2019-20~~	~~Student started in the 2019-20 academic year~~	~~COMDATE > 31 July 2019 and COMDATE < 1 August 2020~~
~~2018-19~~	~~Student started in the 2018-19 academic year~~	~~COMDATE > 31 July 2018 and COMDATE < 1 August 2019~~
~~2017-18~~	~~Student started in the 2017-18 academic year~~	~~COMDATE > 31 July 2017 and COMDATE < 1 August 2018~~
~~2016-17~~	~~Student started in the 2016-17 academic year~~	~~COMDATE > 31 July 2016 and COMDATE < 1 August 2017~~

Value	Description	Definition
OTHER	Otherwise	Otherwise

HESES20 comparison workbook

16. The HESES20 comparison workbook is the Excel workbook HES20_DCT_XXXXXXXX.xlsx which contains the following worksheets:

Table 1: Worksheets in the HESES20 comparison workbook

Worksheet*	Title
Information	Workbook information
Key differences	Key differences between HESES20 and HESES20 recreated using 2020-21 ILR data
Rebuild information	Comparison of HESES20 data and the recreated HESES19 data with rebuild instructions
Courses	HESES20 recreation Courses table: Countable years of instance between 1 August 2020 and census date at course level
1 Full-time	HESES20 recreation Table 1: Full-time counts of years of instance
2 Sandwich	HESES20 recreation Table 2: Sandwich year out counts of years of instance
3 Part-time	HESES20 recreation Table 3: Part-time counts of years of instance and FTE
4 Year abroad	HESES20 recreation Table 4: Home and EU undergraduate years abroad
5 Planning	HESES20 recreation Table 5: Further student breakdowns for planning purposes
6a Health full-time	HESES20 recreation Table 6a: Full-time counts of years of instance on pre-registration health courses
6b Health sandwich	HESES20 recreation Table 6b: Sandwich year out counts of years of instance on pre-registration health courses
6c Health part-time	HESES20 recreation Table 6c: Part-time counts of years of instance on pre-registration health courses
hCourses	HESES20 Courses table: Countable years of instance between 1 August 2020 and census date at course level
h1 Full-time	HESES20 Table 1: Full-time counts of years of instance
h2 Sandwich	HESES20 Table 2: Sandwich year out counts of years of instance
h3 Part-time	HESES20 Table 3: Part-time counts of years of instance and full-time equivalence (FTE)
h4 Year abroad	HESES20 Table 4: Home and EU undergraduate years abroad
h5 Planning	HESES20 Table 5: Further student breakdowns for planning purposes
h6a Health full-time	HESES20 Table 6a: Full-time counts of years of instance on pre-registration health courses
h6b Health sandwich	HESES20 Table 6b: Sandwich year out counts of years of instance on pre-registration health courses
h6c Health part-time	HESES20 Table 6c: Part-time counts of years of instance on pre-registration health courses

Worksheet*	Title
Courses diff	Difference between HESES20 and HESES20 recreation Courses table: Countable years of instance between 1 August 2020 and census date at course level
1 Full-time diff	Difference between HESES20 and HESES20 recreation Table 1: Full-time counts of years of instance
2 Sandwich diff	Difference between HESES20 and HESES20 recreation Table 2: Sandwich year out counts of years of instance
3 Part-time diff	Difference between HESES20 and HESES20 recreation Table 3: Part-time counts of years of instance and FTE
4 Year abroad diff	Difference between HESES20 and HESES20 recreation Table 4: Home and EU undergraduate years abroad
5 Planning diff	Difference between HESES20 and HESES20 recreation Table 5: Further student breakdowns for planning purposes
6a Health full-time diff	Difference between HESES20 and HESES20 recreation Table 6a: Full-time counts of years of instance on pre-registration health courses
6b Health sandwich diff	Difference between HESES20 and HESES20 recreation Table 6b: Sandwich year out counts of years of instance on pre-registration health courses
6c Health part-time diff	Difference between HESES20 and HESES20 recreation Table 6c: Part-time counts of years of instance on pre-registration health courses
A Summary	2021-22 Grant tables Table A: 2021-22 Summary of allocations
B High-cost	2021-22 Grant tables Table B: 2021-22 High-cost subject funding
C NMAH supplement	2021-22 Grant tables Table C: 2021-22 Nursing, midwifery and allied health supplement
D Overseas	2021-22 Grant tables Table D: 2021-22 Overseas study programmes
E Other high-cost TAs	2021-22 Grant tables Table E: 2021-22 Other high-cost targeted allocations
F Student access and success	2021-22 Grant tables Table F: 2021-22 Student access and success
G Parameters	2021-22 Grant tables Table G: 2021-22 Parameters in the funding models

* Shading corresponds to the colour of the workbook tab

17. The difference sheets (see worksheets ending in 'diff' in Table 1) will indicate where differences between the HESES20 recreation tables and HESES20 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 HESES20 data and the HESES20 recreation data.

18. Providers are strongly encouraged to use the 'Rebuild information' in the HES20_DCT_XXXXXXXX.xlsx workbook which may highlight data quality issues relating to the ILR fields used in the HESES20 recreation algorithms.

HESES20 comparison individualised file

19. When working through this technical document it is necessary to use the individualised file, HES20_DCT_XXXXXXXX_IND.csv. The individualised file contains the values of all fields used to generate the HESES20 comparison output.

20. Fields taken from the 2020-21 ILR return or derived as part of the HESES20 comparison output are shown in capitals using the names given in Table 2 and Table 3 respectively.

21. Specific instructions for rebuilding the HESES20 comparison workbook from the individualised file are provided in the '2020-21 ILR data checking tool: HESES20 comparison rebuild document'.

22. The individualised file contains one record per year of instance (each unique combination of UKPRN, LEARNREFNUMBER and AIMSEQNUMBER) in the latest academic year.

ILR fields used to create the HESES20 comparison

23. The ILR fields used to generate the HESES20 comparison are listed in Table 2.

Table 2: List of ILR fields used in the HESES20 comparison output.

Name	Description	Data source	Column in individualised file
AIMSEQNUMBER	Learning aim data set sequence	ILR	C
DOMICILE	Country of domicile	ILR	AL
COMPSTATUS	Completion status	ILR	AK
FUNDCOMP	Completion of year of programme of study	ILR	BA
FUNDLEV	Level applicable to HESES	ILR	BB
LEARNACTENDDATE	Learning actual end date	ILR	BR
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	BU
LEARNREFNUMBER	Learner reference number	ILR	B
LEARNSTARTDATE	Learning start date	ILR	BV
MODESTUD	Mode applicable to HESES	ILR	BW
NUMHUS	Student instance identifier	ILR	E
PCFLDCS	Proportion taught in LDCS_CO1 subject	ILR	CB
PCSLDCS	Proportion taught in LDCS_CO2 subject	ILR	CC
PCTLDCS	Proportion taught in LDCS_CO3 subject	ILR	CD
PROGTYPE	Type of programme	ILR	CE
PROVSPECLEARNMON†	Provider-specified learner data	ILR	See Table 3
PROVSPECLEARNMONOCCUR†	The occurrence of provider-specified learner data	ILR	See Table 3
SPECFEE	Special fee indicator	ILR	CH
STULOAD	Learner FTE	ILR	CI
TYPEYR	Type of programme year	ILR	CK
UKPRN	UK provider reference number	ILR	A
ULN	Unique learner number	ILR	F
AWARDORGNAME	Awarding body	LARS	AI
AWARDORGUKPRN	Awarding body UKPRN	LARS	AJ
LDCS_CO1	Learning directory classification system code 1	LARS	BO
LDCS_CO2	Learning directory classification system code 2	LARS	BP

Name	Description	Data source	Column in individualised file
LDCS_CO3	Learning directory classification system code 3	LARS	BQ
LEARNINGDELIVERYGENRE	Genre of the learning delivery	LARS	BT
NOTIONALNVQLEVELV2	Level of NVQ	LARS	BX
LEARNAIMREFTYPE	Learning aim type	LARS	CF
REGULATEDCREDITVALUE	Learning aim's credit value within a regulated credit framework	LARS	CG
UNITTYPE	Learning aim's unit type	LARS	CL

† 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 HESES20 are included in the individualised file.

Description of derived fields

24. The derived fields used to generate the HESES20 comparison output are listed in Table 3.

Table 3: List of derived fields used in the HESES20 comparison output.

Derived field name	Description	Paragraph	Column in individualised file
ANNIV	Anniversary of start date	27	AH
EXCL1	Student not active in academic year	69	AN
EXCL2	Non-recognised higher education qualification aim	70	AO
EXCL4	Student explicitly excluded from the HESES student population	71	AP
EXCL8	Student with an FTE of less than 0.03	72	AQ
EXCL16	Student on non-standard year of programme of study in final academic year	73	AR
EXCL32	Students who withdrew before 2 November 2019 or left within 14 days of starting without completing	74	AS
EXCL64	No price group information and FTE of at least 0.03	75	AT
FDTEACH	Student on foundation degree teaching assistant course	63	AU
FTEA, FTEB, FTEC1, FTEC2 and FTED	Proportion of FTE assigned to price group	68	AV - AZ
HESAPPRENTICE	Student is on an apprenticeship	37	T
HESAVRGFTE	Average FTE	59	BC
HESAVRGFTEPOP	Whether the student is in the population for the calculation of HESAVRGFTE	56	BD
HESAVRGFTETYPE	Indicates the hierarchy of students that are used to inform the mean average FTE that is used to calculate HESAVRGFTE	58	BE
HESBROADLEVEL	Broad level of study	40	BF
HESCRSELGTH	Number of years qualification aim expected to last	36	BG
HESCOMP	Completion status	54	CM
HESEC	Whether student has UK, EU or other domicile	49	BH
HESESFTE	HESES FTE	62	N
HESEXCL	Reason(s) for exclusion from the HESES population	76	O

Derived field name	Description	Paragraph	Column in individualised file
HESFTE_CASE	Method used to calculate HESESFTE	61	BI
HESHEALTHPOP	Indicates whether year of instance is included in the count of Tables 6a to 6c	82	P
HESHEALTHPROF	States the nursing, midwifery or allied health profession that the student is studying towards	38	Q
HESHEALTHYEAR	States the academic year that the student started their studies	81	R
HESLEVEL	Level of study	39	S
HESMODE	Mode of study	35	U
HESNEWENTRANT	Whether the student is a new entrant	80	V
HESOVER	Primary derived field(s) being overwritten	83	BJ
HESPGT18	Number of postgraduate taught years of instance in 2018-19 ILR	47	BK
HESPGT19	Number of postgraduate taught years of instance in 2019-20 ILR	43	BL
HESREG	HESES Column 1 or 2 indicator	55	W
HESRESSTAT	Fundability and residential status	52	X
HESTYPE	Fundability status	51	Y
HESUG18	Number of undergraduate years of instance in 2018-19 ILR	45	BM
HESUG19	Number of undergraduate years of instance in 2019-20 ILR	41	BN
HESYAPOP	Indicates whether year of instance is included in the count of Table 4: Home and EU undergraduate years abroad	79	Z
HESYATYPE	Type of fee charged to students spending a whole year abroad	78	AA
LEARNDELFAM_SOF1	Source of funding	50	BS
LENGTH	Long or standard year length	53	AB
OFSAWARD	Recognition of awarding body	29	BY
OFSFUNDAIM	Recognition of aim for funding purposes	33	BZ
OFSQAIM	Broad category of higher education	31	CA
PRGA, PRGB, PRGC1, PRGC2 and PRGD	Proportion of countable year in price group	66	AC - AG
PROVSPECDELMON_A, PROVSPECDELMON_B,	Provider-specified learning aim data	26	I - L

Derived field name	Description	Paragraph	Column in individualised file
PROVSPECDELMON_C, PROVSPECDELMON_D			
PROVSPECLEARNMON_A, PROVSPECLEARNMON_B	Provider-specified learner data	25	G - H
STUBID	Unique year of programme of study	28	D
TTCID	Student is on an Initial Teacher Training (ITT) course	64	CJ

PROVSPECLEARNMON_A, PROVSPECLEARNMON_B

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

PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D

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

ANNIV

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

STUBID

28. 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

OFSAWARD

29. This field indicates the type of awarding powers held by the awarding body of a qualification.

30. For a full definition of this field please refer to '2020-21 ILR data checking tool: Classifying learning aims technical document' (www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2020-21-ilr-data-checking-tool/).

OFSQAIM

31. This field allocates aims to broad categories of higher education.

32. For a full definition of this field please refer to '2020-21 ILR data checking tool: Classifying learning aims technical document' (www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2020-21-ilr-data-checking-tool/).

OFSFUNDAIM

33. This field indicates whether a learning aim meets the definition of recognised higher education for OfS funding purposes, as per paragraphs 1-2 of Annex B of 'HESES20 - Higher Education Students Early Statistics Survey 2020-21' (www.officeforstudents.org.uk/publications/heses20/).

34. For a full definition of this field please refer to '2020-21 ILR data checking tool: Classifying learning aims technical document' (available at: www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2020-21-ilr-data-checking-tool/).

HESMODE

35. This field allocates students to mode of study.

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

HESCRSELGTH

36. 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, except where the expected course length is less than one year – such expected course lengths will be rounded up to one year. 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.

HESAPPRENTICE

37. This field flags whether the learning aim is part of an apprenticeship at any level.

Value	Description	Definition
1	Learning aim may be part of an apprenticeship	PROGTYPE = 2, 3, 20, 21, 22, 23, 25
0	Otherwise	Otherwise

HESHEALTHPROF

38. 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

HESLEVEL

39. 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 (OFSQAIM = CERTED, PTLLS, CTLLS, DTLLS, CET, DET, PGCE or HESHEALTHPROF ≠ BLANK)
PGT_ML	Postgraduate taught courses which are eligible for student finance support	FUNDLEV = 20, 21 and OFSQAIM = MASTER, HIGHER and ((HESMODE = FTS, SWOUT and HESCRSELGTH = 1, 2) or (HESMODE = PT and HESCRSELGTH = 1, 2, 3, 4)) and not above
PGT_OTH	Postgraduate taught courses that do not fall under the previous two categories	FUNDLEV = 20, 21 and not above
PGR	Postgraduate research	FUNDLEV = 30, 31
BLANK	Otherwise	Otherwise

HESBROADLEVEL

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

Value	Description	Definition
UG	Undergraduate	HESLEVEL = UG
PGT	Postgraduate taught	HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH
PGR	Postgraduate research	HESLEVEL = PGR

HESUG19

41. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2019-20 ILR, where the value of OFSQAIM in 2019-20 indicates an undergraduate level course, and the learning aim would have been fundable according to the definition of recognised higher education for OfS funding purposes used in HESES20[1] (i.e. the value of OFSFUNDAIM would have been 1). If no 2019-20 ILR data is available for the provider, this field will be blank.

42. The values of OFSQAIM classed as undergraduate level for the purposes of this field are: FIRST, ENHANCED, DIPHE, CERTED, FOUDEG, FDBC, HIGHCERT, CTLLS, DTLLS, PTLLS, CET, DET, UNICERT, HNC, HND, OTHL4_Q, OTHL4_CC, OTHL4_U, OTHL5_Q, OTHL5_CC, OTHL5_U, OTHL6_Q, OTHL6_CC, OTHL6_U, OTHHE_Q, OTHHE_CC, OTHHE_U.

HESPGT19

43. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2019-20 ILR, where the value of OFSQAIM in 2019-20 indicates a postgraduate level course, and the learning aim was fundable according to the definition of recognised higher education for OfS funding purposes used in HESES20[2] (i.e. the value of OFSFUNDAIM would have been 1). If no 2019-20 ILR data is available for the provider, this field will be blank.

44. The values of OFSQAIM classed as postgraduate level for the purposes of this field are: PGCE, MASTER, HIGHER, PGCERT, PGDIP, OTHL7_Q, OTHL7_CC, OTHL7_U, OTHL8_Q, OTHL8_CC, OTHL8_U.

HESUG18

45. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2018-19 ILR, where the value of OFSQAIM in 2018-19 indicates an undergraduate level course, and the learning aim was fundable according to the definition of recognised higher education for OfS funding purposes used in HESES20[3] (i.e. the value of OFSFUNDAIM would have been 1). If no 2018-19 ILR data is available for the provider, this field will be blank.

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[1] Paragraphs 1-2 of Annex B of 'HESES20 - Higher Education Students Early Statistics Survey 2020-21' (www.officeforstudents.org.uk/publications/heses20/).

[2] See footnote 1.

[3] See footnote 1.

46. The values of OFSQAIM classed as undergraduate level for the purposes of this field are the same as those for the HESUG19 field, as listed in paragraph 41.

HESPGT18

47. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2018-19 ILR, where the value of OFSQAIM in 2018-19 indicates a postgraduate level course, and the learning aim was fundable according to the definition of recognised higher education for OfS funding purposes used in HESES20[4] (i.e. the value of OFSFUNDAIM would have been 1). If no 2018-19 ILR data is available for the provider, this field will be blank.

48. The values of OFSQAIM classed as postgraduate level for the purposes of this field are the same as those for the HESPGT19 field, as listed in paragraph 43.

HESEC

49. 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

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

HESTYPE

51. 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 (HESEC = UK, OEU and FUNDLEV ≠ 30, 31 and LEARNDELFAM_SOF1 = 105 and HESAPPRENTICE = 1 and OFSFUNDAIM = 1)
HOMENF	Home and EU non-fundable	HESEC = UK, OEU and LEARNDELFAM_SOF1 ≠ 1 and not above
ISOV	Island and overseas	Otherwise

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[4] See footnote 1.

HESRESSTAT

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

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

LENGTH

53. 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

HESCOMP

54. This field assigns students to Column 3 or Column 4 of Tables 1 to 3 of the HESES recreation.

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

HESREG

55. This field assigns students to Column 1 or 2 of Tables 1 to 3 of the HESES recreation.

Value	Description	Definition
1	Column 1 student	ANNIV < 2 November 2020
2	Column 2 student	Otherwise

HESAVRGFTEPOP

56. HESAVRGFTEPOP is used to identify students who are on a non-standard year of programme, with a non-blank STULOAD and who are not explicitly excluded from the HESES population. These students are then used to calculate the average FTE to apply to students on non-standard years who have an instance that starts in the current academic year (HESFTE_CASE = 1).

57. The 2020-21 average FTE population is defined as follows:

Value	Description	Definition
1	In the 2020-21 average FTE population	TYPEYR ≠ 1 and LEARNSTARTDATE < 1 August 2020 and LEARNACTENDDATE = BLANK and FUNDCOMP ≠ 9, BLANK and MODESTUD ≠ 99, BLANK and FUNDLEV ≠ 99, BLANK and STULOAD ≠ BLANK and OFSFUNDAIM = 1 and HESCOMP ≠ 3 and HESMODE = PT
0	Otherwise	Otherwise

HESAVRGFTETYPE

58. This field identifies the level at which HESAVRGFTE is calculated for all students on non-standard years of programme of study (TYPEYR ≠ 1).

Value	Description
1	There are 10 or more students in the 2020-21 average FTE population (HESAVRGFTEPOP = 1) at a given provider (UKPRN) who have the same recognised HE qualification aim (OFSQAIM), HESES mode (HESMODE) and expected course length (HESCRSELGTH)
2	There are 10 or more students in the 2020-21 average FTE population (HESAVRGFTEPOP = 1) at a given provider (UKPRN) who have the same recognised HE qualification aim (OFSQAIM) and not above
3	There are 10 or more students in the 2020-21 average FTE population (HESAVRGFTEPOP = 1) at a given provider (UKPRN) who have the same level of study (HESLEVEL) and not above
4	Level of study (HESLEVEL) in the 2018-19 average FTE population across all providers and not above

The 2018-19[5] average FTE population is defined as follows:

2018-19 TYPEYR ≠ 1 and

2018-19 LEARNSTARTDATE < 1 August 2018 and

2018-19 HESEXCL = 0 and

2018-19 HESCOMP ≠ 3 and

2018-19 HESMODE = PT.

HESAVRGFTE

59. This field gives the average STULOAD for the population identified in HESAVRGFTETYPE. This field is only completed for students on non-standard years of programme of study (TYPEYR ≠ 1).

Example

60. A provider only has 46 students in the 2020-21 average FTE population.

2020-21 UKPRN	2020-21 OFSQAIM	2020-21 HESMODE	2020-21 HESCRSELGTH	TOTAL
10000000	FIRST	PT	1	25
10000000	FIRST	PT	2	9
10000000	FIRST	PT	3	12

For a student at this provider with OFSQAIM = FIRST, HESMODE = PT and HESCRSELGTH = 1, HESAVRGFTETYPE would be 1 as there are more than 10 students in the average FTE population that match on OFSQAIM, HESMODE and HESCRSELGTH.

For a student at this provider with OFSQAIM = FIRST, HESMODE = PT and HESCRSELGTH = 2, HESAVRGFTETYPE would be 2 as there are fewer than 10 students in the 2020-21 average FTE population that match on OFSQAIM, HESMODE and HESCRSELGTH, but there are at least 10 (46) that match on OFSQAIM alone.

HESFTE_CASE

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

   a. Number of years of programme of study generated in the HESES 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.

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[5] 2018-19 data is used instead of 2019-20 data due to the exceptional guidance on the return of FUNDCOMP in 2019-20.

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 and LEARNSTARTDATE > 31 July 2020
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 and LEARNSTARTDATE < 1 August 2020
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

HESESFTE

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

Value*	Definition
100	HESMODE = FTS
50	HESMODE = SWOUT
30	OFSQAIM = FDBC
STULOAD	HESFTE_CASE = 0 and not above
HESAVRGFTE	HESFTE_CASE = 1 and not above
STULOAD	HESFTE_CASE = 2 and not above
Provider specific override	HESFTE_CASE = 3a
Provider specific override	HESFTE_CASE = 3b

*HESESFTE is capped at 100. HESESFTE will be set to 0 if HESFTE_CASE is blank.

FDTEACH

63. This field identifies students on foundation degrees for teaching assistants awarded as an additional student number bid, or otherwise agreed by the Higher Education Funding Council for England (HEFCE) prior to 2018 or the OfS.

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

TTCID

64. This field indicates whether the student is on a course that leads to a teacher qualification.

65. For a full definition of this field please refer to '2020-21 ILR data checking tool: Classifying learning aims technical document' (www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2020-21-ilr-data-checking-tool/).

PRGA, PRGB, PRGC1, PRGC2 and PRGD

66. 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, 2, 5, Q or HESMODE = SWOUT	1
PRGA	HESHEALTHPROF = DENHYG, DENTHE and not above	1
PRGB	HESHEALTHPROF = DIETET, MIDWIF, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA, RADTHE, SPELAN and not above	1
PRGC1	HESHEALTHPROF = NURSAD, NURSCH, NURSLD, NURSMH, NURSUN and not above	1

PRGB	LDCS_CO1/2/3 = LJ, NH.2
	    PB, PC.1, PC.5, PE *(except PE.8)*, PF.1, PF.2, PF.4, PG,
	    QA.3, QC, QH.6,
	    R *(except RA.3, RA.5, RA.6, RB, RF.4, RF.6, RF.7, RG)*,
	    S *(except SE, SJ.5, SM, SN.3, SN.6, SP, SQ)*,
	    TK, TL, TM, VE, VF.3, VF.4, VG, WA, WB, WC, WD, WE, WG,
	    X (except XA.13, XA.32, XN, XS),
	    Y and not above
		(PCFLDCS + PCSLDCS + PCTLDCS) / 100

PRGC1	LDCS_CO1/2/3 = BF, C, DC,
	    J *(except JA.22, JA.23, JA.32, JA.33, JA.34, JA.5, JA.7, JA.8, JE)*,
	    K *(except KB, KC)*,
	    L *(except LF.3, LJ, LK.3 (but including LK.31))*,
	    SE (except SE.9),
	    VF.1, VF.2, VF.5, VF.6,
	    W *(except WA, WB, WC, WD, WE, WG, WM)*
	    and not above
		(PCFLDCS + PCSLDCS + PCTLDCS) / 100

PRGC2	LDCS_CO1/2/3 = FC.24, FC.6 *(except FC.62, FC.65, FC.67)*, FJ.4,
	    FM.4 *(except FM.412)*, FM.5, FM.7, FM.9 *(except FM.913)*, FN.1,
	    FN.3 *(except FN.32, FN.35)*, FN.4, FN.5, FN.7, FN.8, FN.9,
	    HK, HL,
	    M,
	    N *(except NG, NH.2, NK, NL.1, NL.2, NN)*,
	    P *(except, PB, PC.1, PC.5, PE (but including PE.8), PF.1, PF.2, PF.4, PG, PR)*,
	    Q *(except QA.3, QB, QC, QH, QJ)*,
	    RA.3, RA.5, RB, RF.4, RF.6, RF.7, RG,
	    SE.9, SN.3, SN.6, SQ,
	    T *(except TC.44, TC.5, TC.6, TK, TL, TM)*,
	    WM, XA.13, XA.32, XN, XS,
	    Z *(except ZX.3, ZX.4, ZX.5)* and not above
		(PCFLDCS + PCSLDCS + PCTLDCS) / 100

Field name	Definition	Value
PRGD	LDCS_CO1/2/3 = A, B *(except BF)*, D *(except DC)*, E, F *(except FC.24, FC.6 (but including FC.62, FC.65, FC.67), FJ.4, FM.4 (but including FM.913), FN.1, FN.3 (but including FN.32, FN.35), FN.4, FN.5, FN.7, FN.8, FN.9)*, G, H *(except HK, HL)*, JA.22, JA.23, JA.32, JA.33, JA.34, JA.5, JA.7, JA.8, JE, KB, KC, LF.3, LK.3 *(except LK.31)*, NG, NK, NL.1, NL.2, NN, PR, QB, QH *(except QH.6)*, QJ, RA.6 SJ.5, SM, SP, TC.44, TC.5, TC.6, 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 above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100

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

FTEA, FTEB, FTEC1, FTEC2 and FTED

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

Field name	Value
FTEA	PRGA x HESESFTE
FTEB	PRGB x HESESFTE
FTEC1	PRGC1 x HESESFTE
FTEC2	PRGC2 x HESESFTE
FTED	PRGD x HESESFTE

EXCL1

69. 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 2020
0	Otherwise	Otherwise

EXCL2

70. This field indicates students excluded because they are studying for a non-recognised higher education aim.

Value	Description	Definition
1	Non-recognised higher education aim	OFSFUNDAIM = 0
0	Otherwise	Otherwise

EXCL4

71. This field indicates students explicitly excluded by the provider as 'Not in HESES population'.

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

EXCL8

72. 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 HESESFTE < 3
0	Otherwise	Otherwise

EXCL16

73. 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 ≠ 1 and LEARNACTENDDATE ≠ BLANK and LEARNACTENDDATE < ANNIV + 14
0	Otherwise	Otherwise

EXCL32

74. This field indicates whether a student was excluded because they withdrew before 2 November 2020 or left within 14 days of starting the instance without completing.

Value	Description	Definition
1	Students who withdrew before 2 November 2020 or left within 14 days of starting the instance without completing	FUNDCOMP = 2 and COMPSTATUS ≠ 6 and LEARNACTENDDATE ≠ BLANK and (LEARNACTENDDATE < 2 November 2020 or LEARNACTENDDATE – LEARNSTARTDATE < 14)
0	Otherwise	Otherwise

EXCL64

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

Value	Description	Definition
1	No price group information and FTE of at least 0.03	HESESFTE ≥ 3 and STULOAD ≠ BLANK and (PRGA + PRGB + PRGC1 + PRGC2 + PRGD = 0)
0	Otherwise	Otherwise

HESEXCL

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

Value	Description	Definition
1	Student not active in academic year	EXCL1 = 1
2	Non-recognised higher education aim	EXCL2 = 1
4	Student explicitly excluded from the HESES 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 2020 or left within 14 days of starting the instance without completing	EXCL32 = 1
64	No price group information and FTE of at least 0.03	EXCL64 = 1
0	Otherwise	None of the above

77. This field contains the exclusion reason(s) for the student. It is calculated as (1 × EXCL1) + (2 × EXCL2) + … + (64 × EXCL64). The reason(s) which contribute to the exclusion of a student can therefore be calculated. For example, if HESEXCL = 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).

HESYATYPE

78. This field identifies Erasmus+ years abroad.

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

HESYAPOP

79. 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	HESEXCL = 0 and HESLEVEL = UG and HESMODE = FTS, SWOUT and HESTYPE ≠ ISOV and SPECFEE = 2, 3
0	Otherwise	Otherwise

HESNEWENTRANT

80. This field indicates whether a student is a new entrant. Where a student starts more than one countable year of instance 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 instance for a higher education course recognised for OfS funding purposes 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 2020 and HESEXCL = 0 and ((HESBROADLEVEL = UG and HESUG19 = 0, BLANK and HESUG18 = 0, BLANK) or (HESBROADLEVEL = PGT and HESPGT19 = 0, BLANK and HESPGT18 = 0, BLANK))
0	Otherwise	Otherwise

HESHEALTHYEAR

81. This field identifies the academic year in which the student started their course for the purpose of Tables 6a to 6c.

Value	Description	Definition
2020-21	Student started in 2020-21 academic year	LEARNSTARTDATE > 31 July 2020 and LEARNSTARTDATE < 1 August 2021
OTHER	Otherwise	Otherwise

HESHEALTHPOP

82. This field indicates if the year of instance is included in the population of Tables 6a to 6c for pre-registration nursing, midwifery and allied health professions.

Value	Description	Definition
1	Year of instance included in Tables 6a to 6c	HESEXCL = 0 and HESLEVEL = UG, PGT_UGF and HESTYPE = HOMEF, HOMENF and HESHEALTHPROF ≠ BLANK
0	Otherwise	Otherwise

HESOVER

83. This field indicates the primary derived field(s) that have been overridden for the student. For example, if HESOVER = 21, by subtracting figures from the following table starting at the bottom, we see that the student has had overrides for HESTYPE (HESOVER = 16), HESREG (HESOVER = 4) and HESEXCL (HESOVER = 1) applied.

Value	Description
1	Override to HESEXCL
2	Override to HESMODE

Value	Description
4	Override to HESREG
8	Override to HESCOMP
16	Override to HESTYPE
32	Overrides to PRGA, PRGB, PRGC1, PRGC2 and PRGD
64	Override to LENGTH
128	Override to HESLEVEL
256	Override to HESESFTE
1024	Override to OFSQAIM
2048	Override to HESYAPOP
4096	Override to HESYATYPE
0	Otherwise